

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121422\
 Data File : VN075806.D
 Acq On : 15 Dec 2022 07:39
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/15/2022
 Supervised By : Mahesh Dadoda 12/15/2022

Quant Time: Dec 15 08:13:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	288701	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	482961	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	430018	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	211559	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	176606	56.230	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.460%			
35) Dibromofluoromethane	8.177	113	158934	53.139	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.280%			
50) Toluene-d8	10.571	98	581175	51.971	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.940%			
62) 4-Bromofluorobenzene	12.853	95	197977	53.452	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.900%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	89412	43.618	ug/l	94
3) Chloromethane	2.377	50	112094	43.976	ug/l	99
4) Vinyl Chloride	2.530	62	131841	43.361	ug/l	96
5) Bromomethane	2.948	94	112955	43.712	ug/l	96
6) Chloroethane	3.124	64	99000	43.968	ug/l	94
7) Trichlorofluoromethane	3.506	101	199925	43.333	ug/l	95
8) Diethyl Ether	3.971	74	88957	52.789	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.383	101	120188	45.620	ug/l	99
10) Methyl Iodide	4.600	142	212591	49.722	ug/l	100
11) Tert butyl alcohol	5.530	59	116109	261.260	ug/l	100
12) 1,1-Dichloroethene	4.359	96	117846	46.057	ug/l	99
13) Acrolein	4.189	56	143909	264.129	ug/l	100
14) Allyl chloride	5.036	41	143941	48.123	ug/l	93
15) Acrylonitrile	5.730	53	317608	261.881	ug/l	100
16) Acetone	4.442	43	239576	221.278	ug/l	98
17) Carbon Disulfide	4.718	76	276484	44.629	ug/l	98
18) Methyl Acetate	5.036	43	162117	50.656	ug/l	98
19) Methyl tert-butyl Ether	5.812	73	461625	54.785	ug/l	96
20) Methylene Chloride	5.283	84	148355	51.238	ug/l	97
21) trans-1,2-Dichloroethene	5.800	96	134110	47.859	ug/l	97
22) Diisopropyl ether	6.683	45	391570	53.889	ug/l	100
23) Vinyl Acetate	6.612	43	1330362	272.018	ug/l	100
24) 1,1-Dichloroethane	6.577	63	241367	49.808	ug/l	98
25) 2-Butanone	7.488	43	395798	261.086	ug/l	96
26) 2,2-Dichloropropane	7.494	77	161494	39.352	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	170293	50.812	ug/l	99
28) Bromochloromethane	7.818	49	103294	48.632	ug/l	100
29) Tetrahydrofuran	7.841	42	256294	269.778	ug/l	99
30) Chloroform	7.971	83	272845	50.007	ug/l	96
31) Cyclohexane	8.265	56	198442	44.116	ug/l	98
32) 1,1,1-Trichloroethane	8.177	97	233508	48.274	ug/l	99
36) 1,1-Dichloropropene	8.377	75	184053	46.325	ug/l	99
37) Ethyl Acetate	7.571	43	157284	49.284	ug/l	99
38) Carbon Tetrachloride	8.365	117	200362	45.057	ug/l	97
39) Methylcyclohexane	9.606	83	224819	46.903	ug/l	99
40) Benzene	8.612	78	596038	48.622	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	88108	53.114	ug/l	98
42) 1,2-Dichloroethane	8.677	62	201049	49.332	ug/l	100
43) Isopropyl Acetate	8.694	43	280803	53.340	ug/l	99
44) Trichloroethene	9.353	130	157072	45.483	ug/l	97
45) 1,2-Dichloropropane	9.624	63	146711	49.182	ug/l	97
46) Dibromomethane	9.712	93	111577	50.430	ug/l	99
47) Bromodichloromethane	9.888	83	218940	50.460	ug/l	99
48) Methyl methacrylate	9.682	41	129117	54.455	ug/l	97
49) 1,4-Dioxane	9.700	88	58847	1009.539	ug/l	99
51) 4-Methyl-2-Pentanone	10.447	43	852303	267.708	ug/l	99
52) Toluene	10.635	92	391022	48.978	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	216410	50.953	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	235875	50.582	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	158314	50.521	ug/l	98
56) Ethyl methacrylate	10.876	69	228215	54.829	ug/l	98
57) 1,3-Dichloropropane	11.165	76	263246	51.214	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	318249	240.153	ug/l	98
59) 2-Hexanone	11.200	43	618958	266.588	ug/l	100
60) Dibromochloromethane	11.359	129	175112	50.249	ug/l	97
61) 1,2-Dibromoethane	11.470	107	163964	51.705	ug/l	100
64) Tetrachloroethene	11.106	164	130672	43.184	ug/l	95
65) Chlorobenzene	11.894	112	424365	48.081	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	163931	50.145	ug/l	100
67) Ethyl Benzene	11.965	91	764407	51.316	ug/l	100
68) m/p-Xylenes	12.070	106	600866	101.913	ug/l	99
69) o-Xylene	12.400	106	305147	52.300	ug/l	100
70) Styrene	12.412	104	492890	53.130	ug/l	99
71) Bromoform	12.582	173	127934	53.781	ug/l #	100
73) Isopropylbenzene	12.700	105	760540	49.747	ug/l	100
74) N-amyl acetate	12.494	43	250238	55.794	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	229167	48.489	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	195186m	45.770	ug/l	
77) Bromobenzene	12.982	156	189987	49.104	ug/l	98
78) n-propylbenzene	13.041	91	851154	50.478	ug/l	99
79) 2-Chlorotoluene	13.129	91	519916	49.395	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	660248	51.600	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	57288	48.354	ug/l	89
82) 4-Chlorotoluene	13.129	91	519916	49.395	ug/l	100
83) tert-Butylbenzene	13.441	119	562763	49.884	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	674539	53.140	ug/l	99
85) sec-Butylbenzene	13.617	105	781976	50.220	ug/l	100
86) p-Isopropyltoluene	13.729	119	665172	51.339	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	346496	48.482	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	345838	47.368	ug/l	99
89) n-Butylbenzene	14.059	91	514235	48.991	ug/l	99
90) Hexachloroethane	14.335	117	117311	50.616	ug/l	98
91) 1,2-Dichlorobenzene	14.111	146	351002	49.860	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	39318	46.884	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	170180	48.829	ug/l	100
94) Hexachlorobutadiene	15.506	225	81122	42.663	ug/l	99
95) Naphthalene	15.641	128	562212	48.881	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	166782	51.200	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

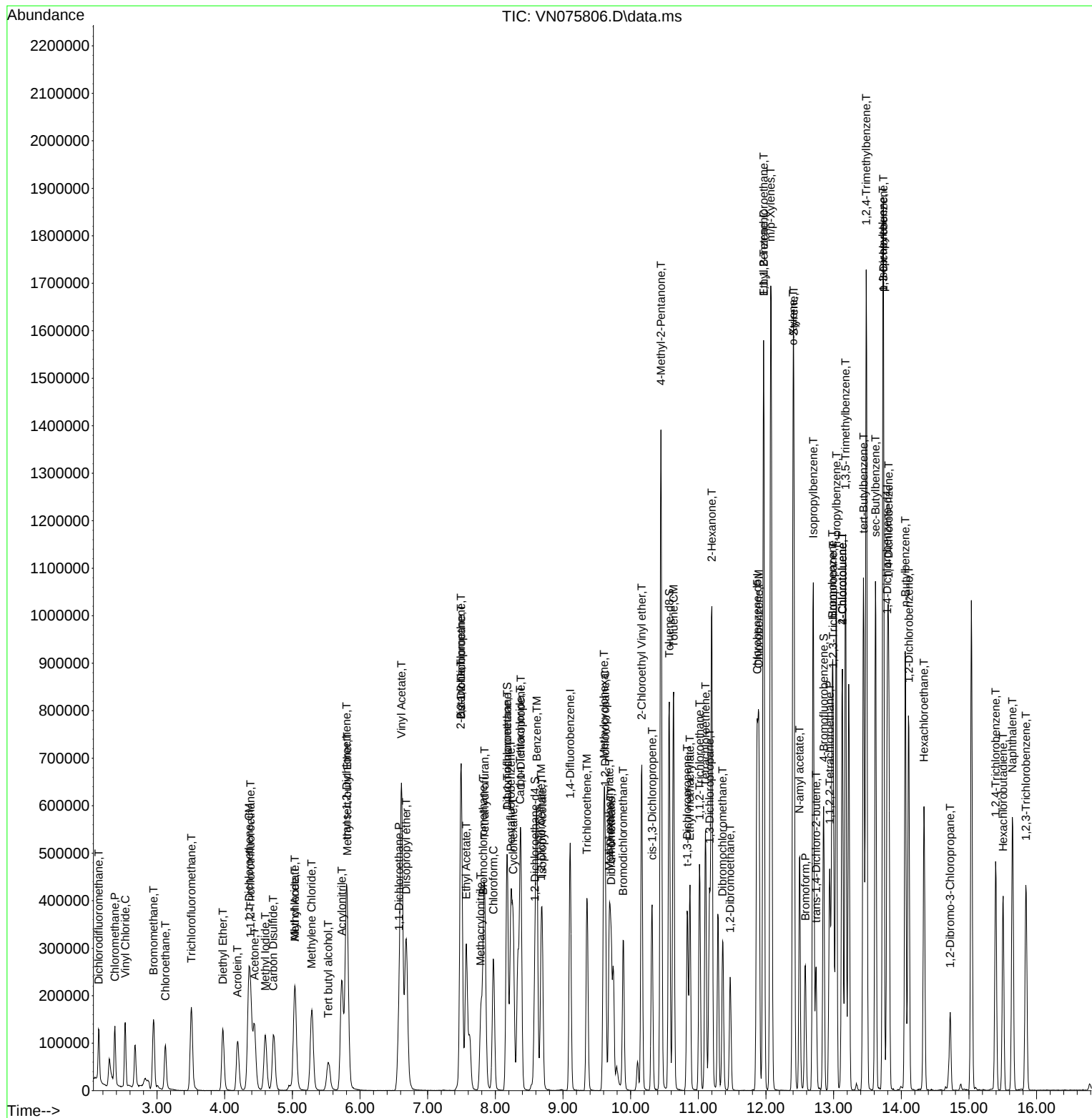
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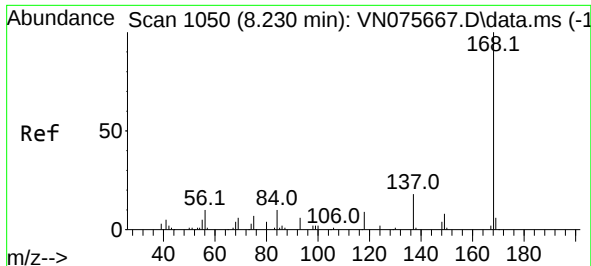
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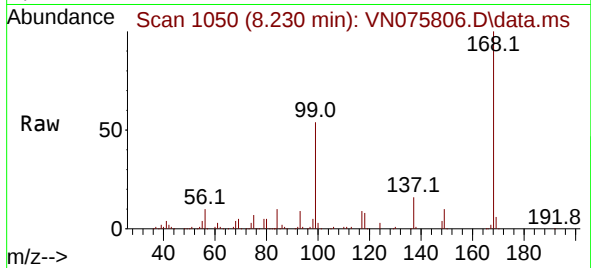
Reviewed By : John Carlone 12/15/2022
 Supervised By : Mahesh Dadoda 12/15/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
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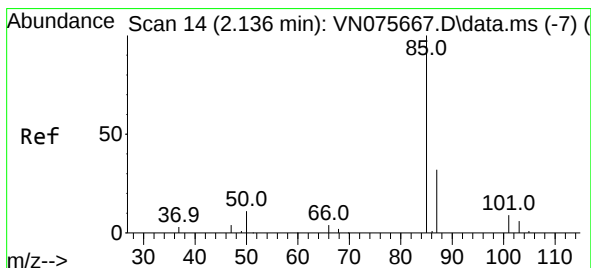
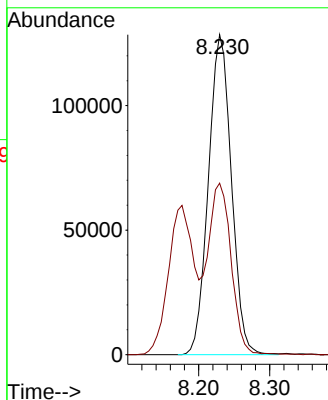
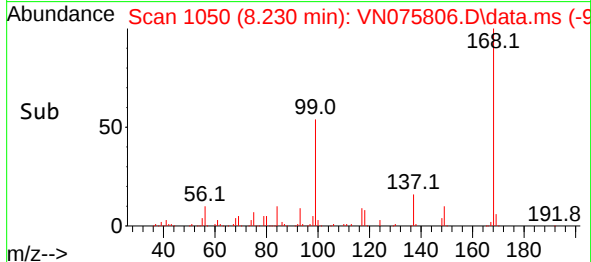
Instrument :
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VSTDCCC050EC



Tgt Ion:168 Resp: 28870
Ion Ratio Lower Upper
168 100
99 53.4 44.2 66.4

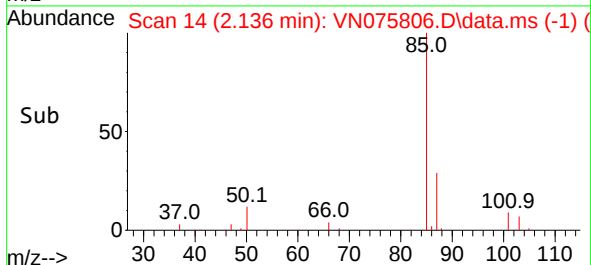
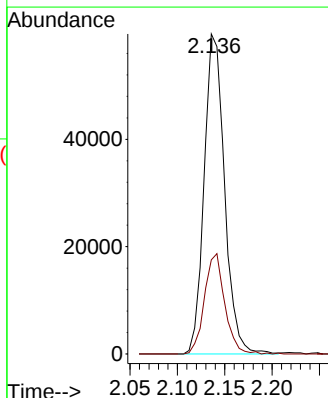
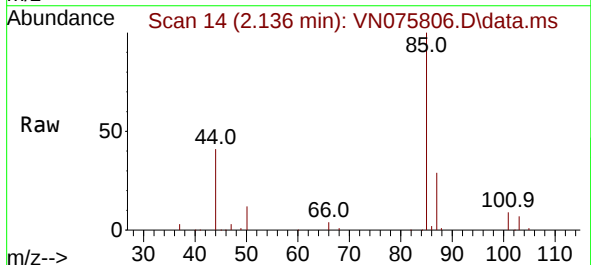
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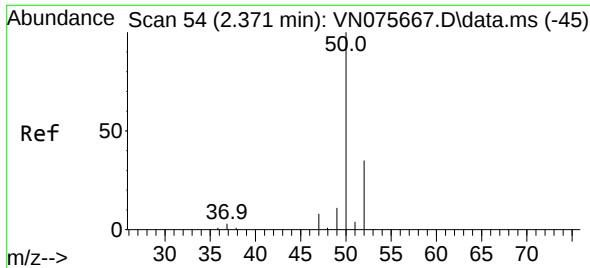
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#2
Dichlorodifluoromethane
Concen: 43.618 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075806.D
Acq: 15 Dec 2022 07:39

Tgt Ion: 85 Resp: 89412
Ion Ratio Lower Upper
85 100
87 29.4 16.3 48.9





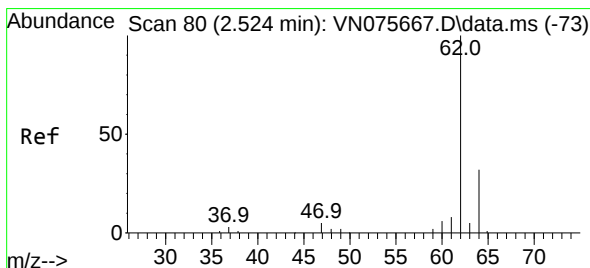
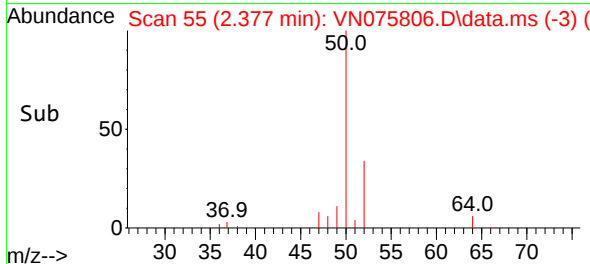
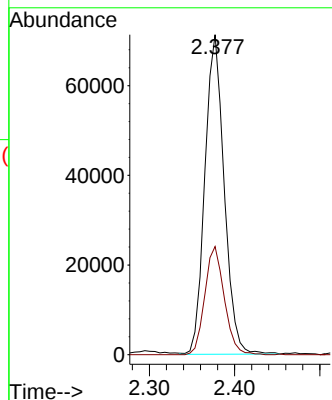
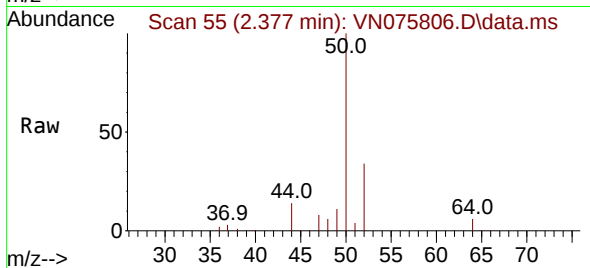
#3
Chloromethane
Concen: 43.976 ug/l
RT: 2.377 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN075806.D
Acq: 15 Dec 2022 07:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 112094
Ion Ratio Lower Upper
50 100
52 33.9 27.7 41.5

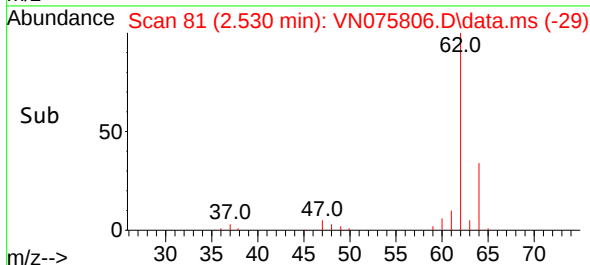
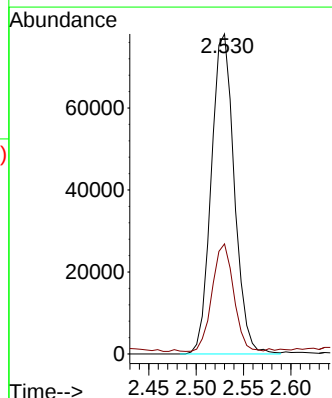
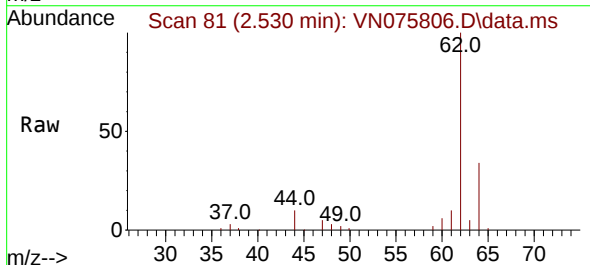
Manual Integrations
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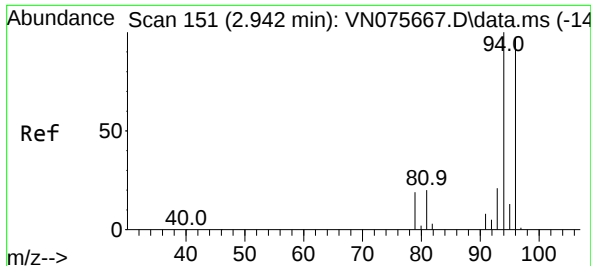
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#4
Vinyl Chloride
Concen: 43.361 ug/l
RT: 2.530 min Scan# 81
Delta R.T. 0.006 min
Lab File: VN075806.D
Acq: 15 Dec 2022 07:39

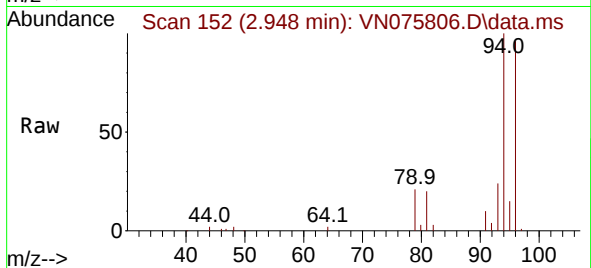
Tgt Ion: 62 Resp: 131841
Ion Ratio Lower Upper
62 100
64 33.5 24.9 37.3





#5
Bromomethane
Concen: 43.712 ug/l
RT: 2.948 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075806.D
Acq: 15 Dec 2022 07:39

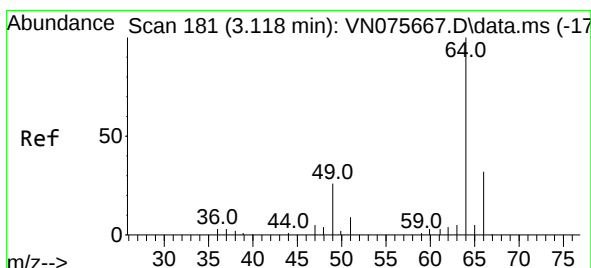
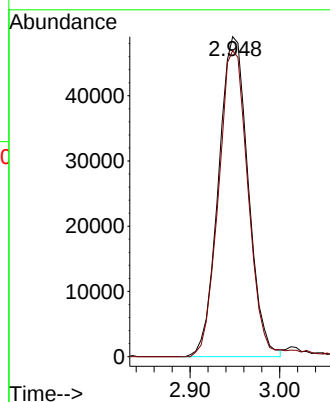
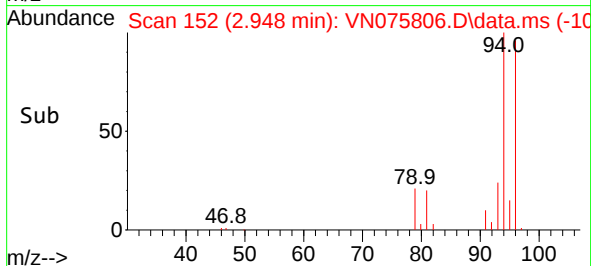
Instrument :
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ClientSampleId :
VSTDC0050EC



Tgt Ion: 94 Resp: 11295
Ion Ratio Lower Upper
94 100
96 95.6 73.8 110.6

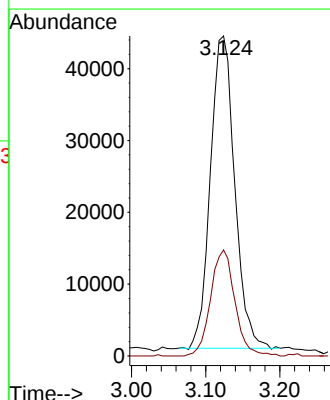
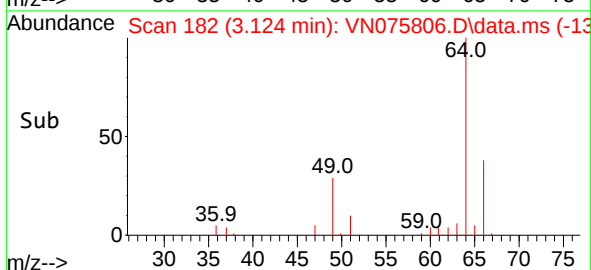
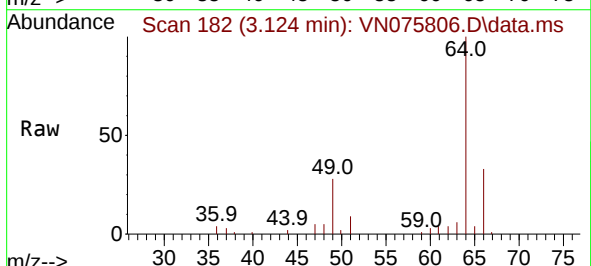
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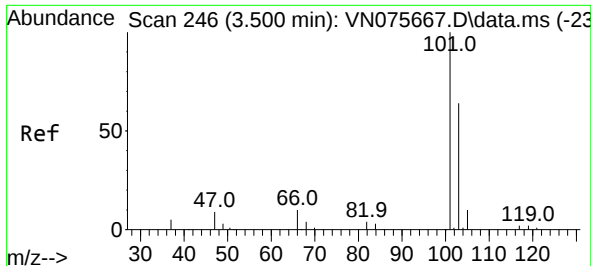
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#6
Chloroethane
Concen: 43.968 ug/l
RT: 3.124 min Scan# 182
Delta R.T. 0.006 min
Lab File: VN075806.D
Acq: 15 Dec 2022 07:39

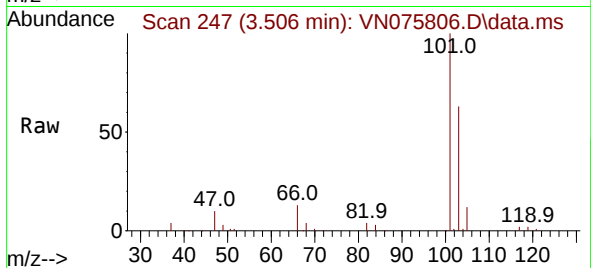
Tgt Ion: 64 Resp: 99000
Ion Ratio Lower Upper
64 100
66 33.9 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 43.333 ug/l
 RT: 3.506 min Scan# 246
 Delta R.T. 0.006 min
 Lab File: VN075806.D
 Acq: 15 Dec 2022 07:39

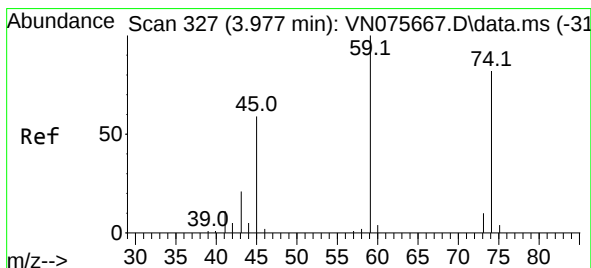
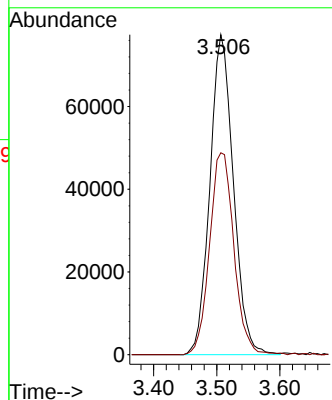
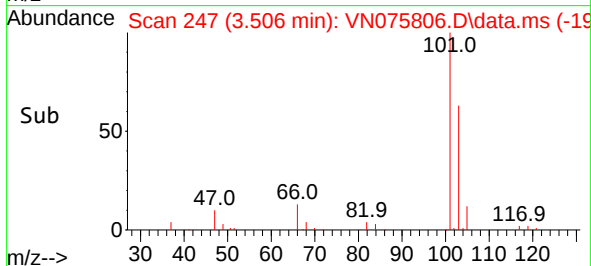
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Tgt Ion:101 Resp: 19992
 Ion Ratio Lower Upper
 101 100
 103 63.1 53.4 80.2

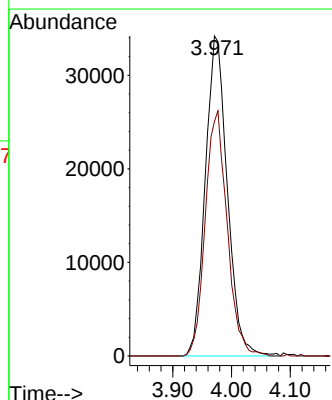
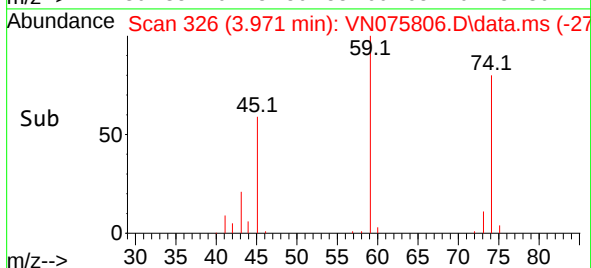
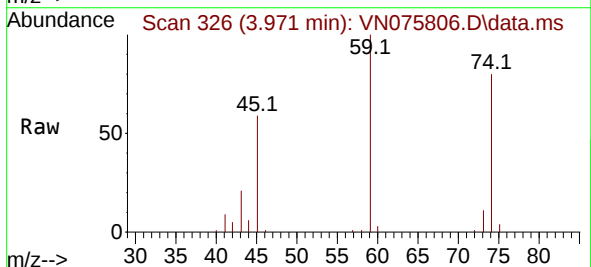
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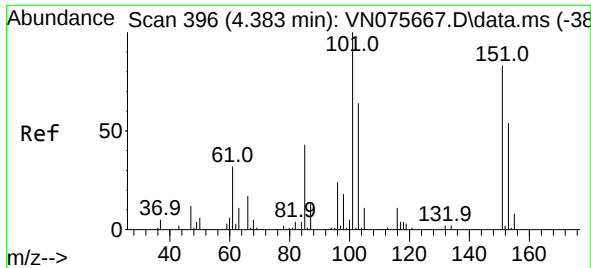
Reviewed By :John Carlone 12/15/2022
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#8
 Diethyl Ether
 Concen: 52.789 ug/l
 RT: 3.971 min Scan# 326
 Delta R.T. -0.000 min
 Lab File: VN075806.D
 Acq: 15 Dec 2022 07:39

Tgt Ion: 74 Resp: 88957
 Ion Ratio Lower Upper
 74 100
 45 76.1 37.8 113.4





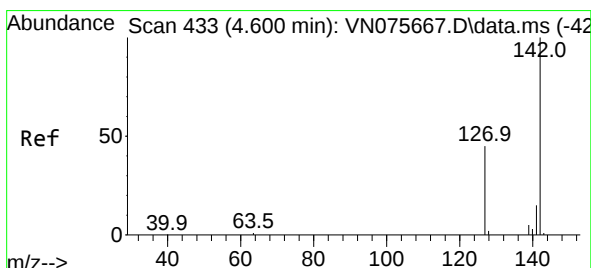
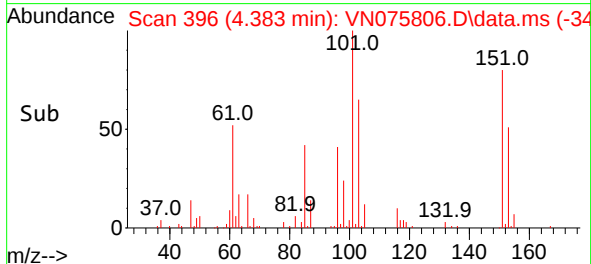
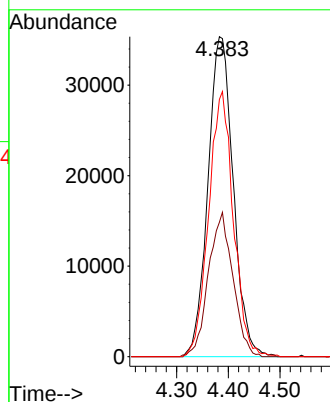
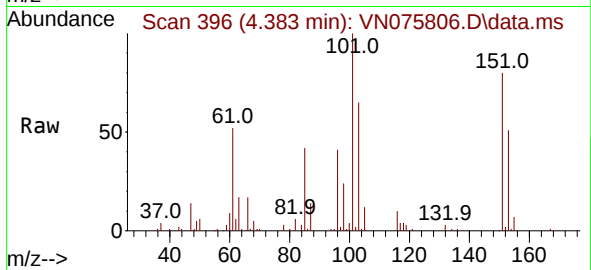
#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.620 ug/l
RT: 4.383 min Scan# 396
Delta R.T. -0.000 min
Lab File: VN075806.D
Acq: 15 Dec 2022 07:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 120186
Ion Ratio Lower Upper
101 100
85 43.6 35.3 52.9
151 81.0 65.6 98.4

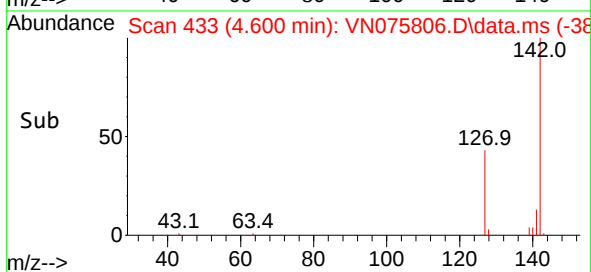
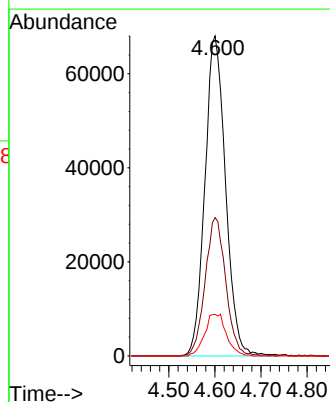
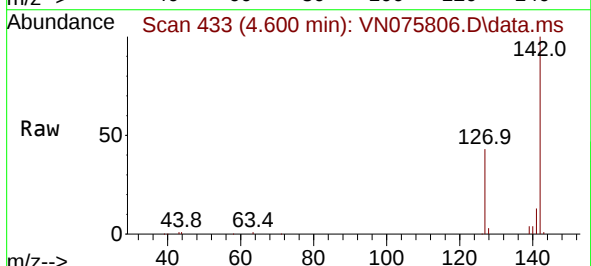
Manual Integrations
APPROVED

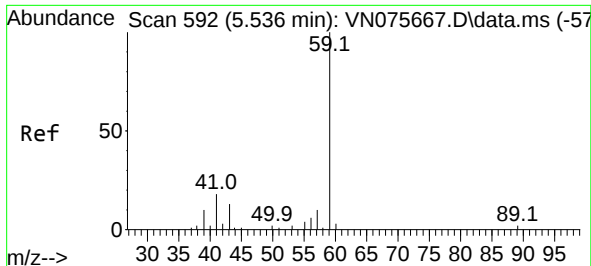
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#10
Methyl Iodide
Concen: 49.722 ug/l
RT: 4.600 min Scan# 433
Delta R.T. -0.000 min
Lab File: VN075806.D
Acq: 15 Dec 2022 07:39

Tgt Ion:142 Resp: 212591
Ion Ratio Lower Upper
142 100
127 43.3 34.7 52.1
141 13.8 11.4 17.2





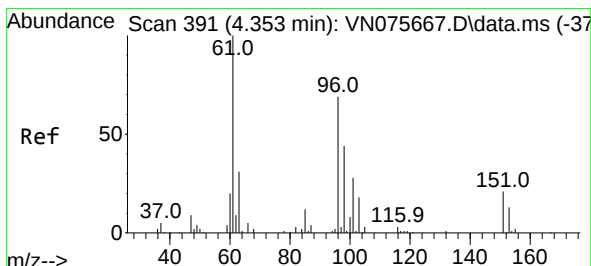
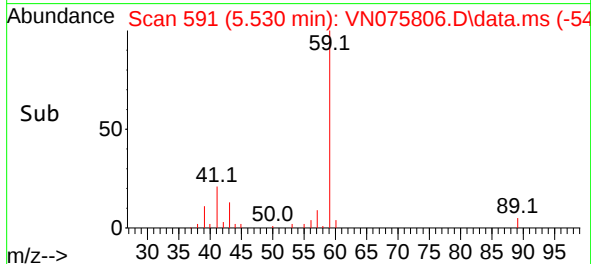
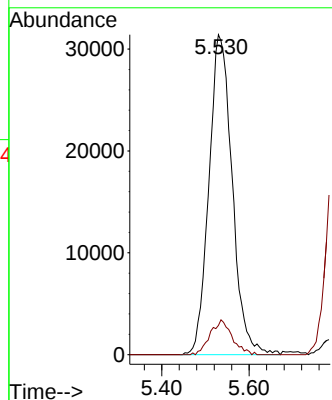
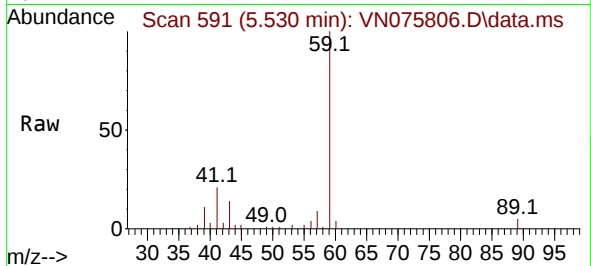
#11
Tert butyl alcohol
Concen: 261.260 ug/l
RT: 5.530 min Scan# 591
Delta R.T. -0.006 min
Lab File: VN075806.D
Acq: 15 Dec 2022 07:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 116109
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.4

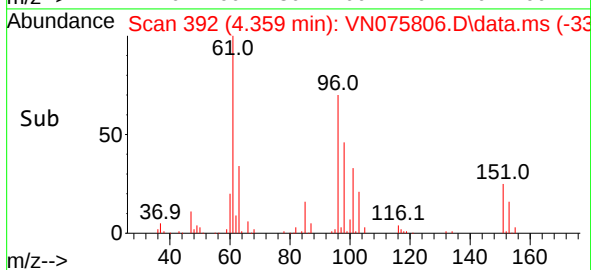
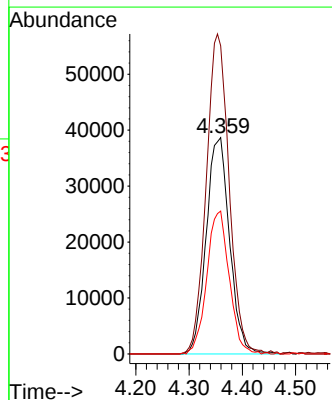
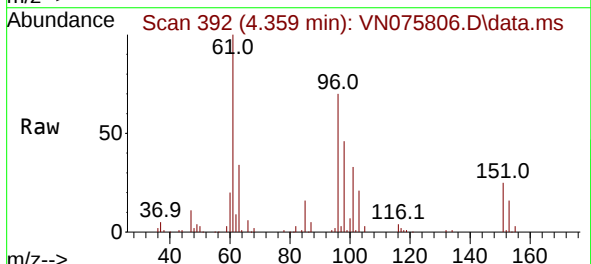
Manual Integrations
APPROVED

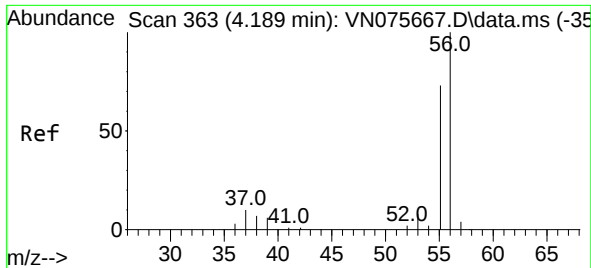
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#12
1,1-Dichloroethene
Concen: 46.057 ug/l
RT: 4.359 min Scan# 392
Delta R.T. 0.012 min
Lab File: VN075806.D
Acq: 15 Dec 2022 07:39

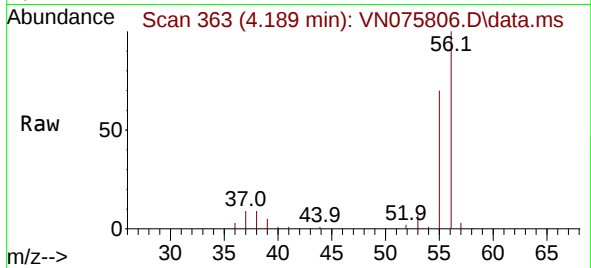
Tgt Ion: 96 Resp: 117846
Ion Ratio Lower Upper
96 100
61 142.4 113.3 169.9
98 66.0 50.9 76.3





#13
Acrolein
Concen: 264.129 ug/l
RT: 4.189 min Scan# 363
Delta R.T. -0.000 min
Lab File: VN075806.D
Acq: 15 Dec 2022 07:39

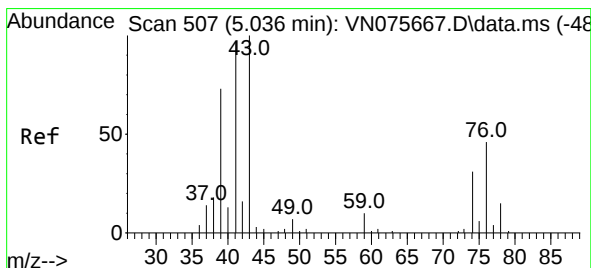
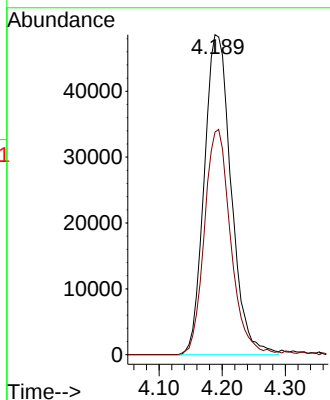
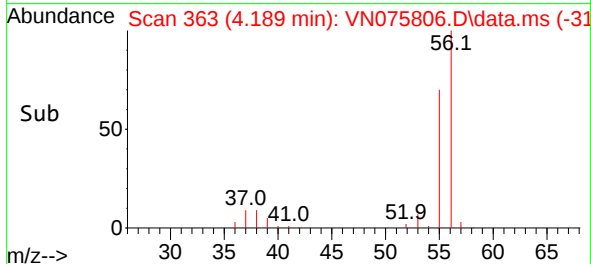
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



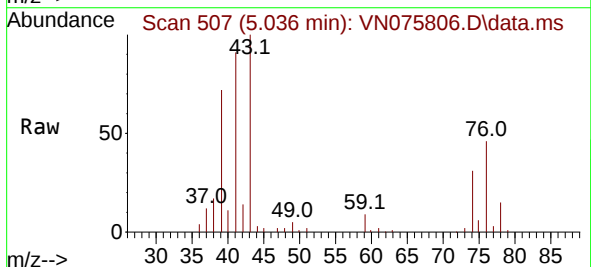
Tgt Ion: 56 Resp: 143909
Ion Ratio Lower Upper
56 100
55 68.9 54.8 82.2

Manual Integrations
APPROVED

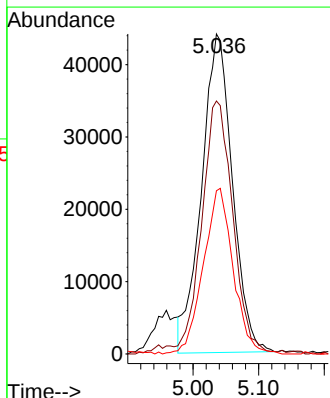
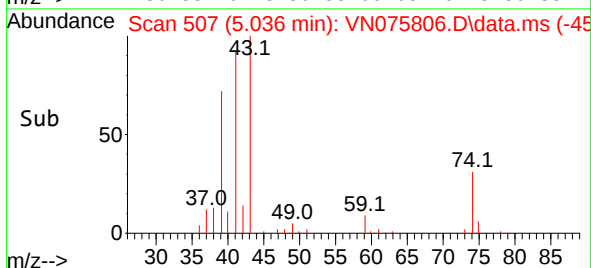
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

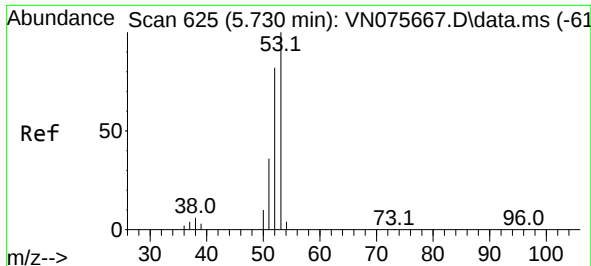


#14
Allyl chloride
Concen: 48.123 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN075806.D
Acq: 15 Dec 2022 07:39



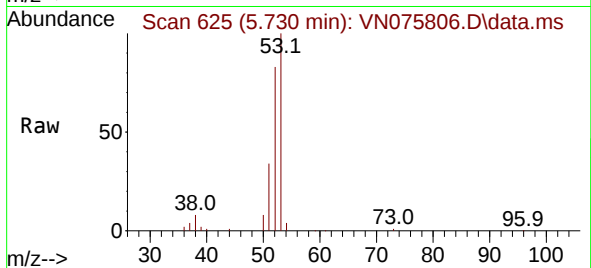
Tgt Ion: 41 Resp: 143941
Ion Ratio Lower Upper
41 100
39 78.3 58.3 87.5
76 50.3 35.8 53.6





#15
Acrylonitrile
Concen: 261.881 ug/l
RT: 5.730 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075806.D
Acq: 15 Dec 2022 07:39

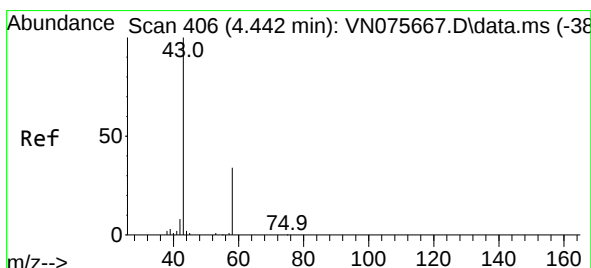
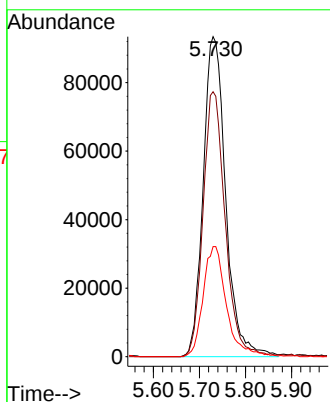
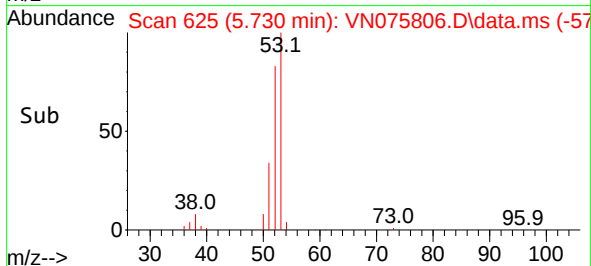
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 317608
Ion Ratio Lower Upper
53 100
52 81.5 65.4 98.0
51 35.6 28.9 43.3

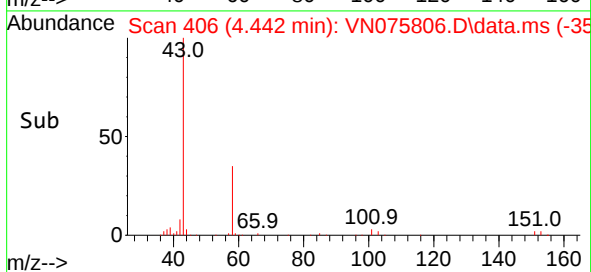
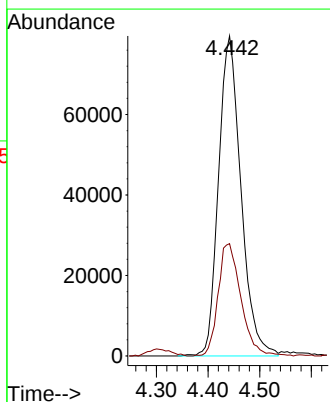
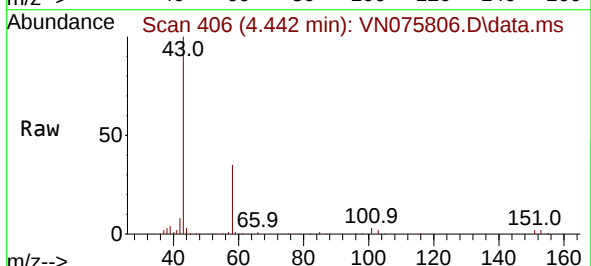
Manual Integrations
APPROVED

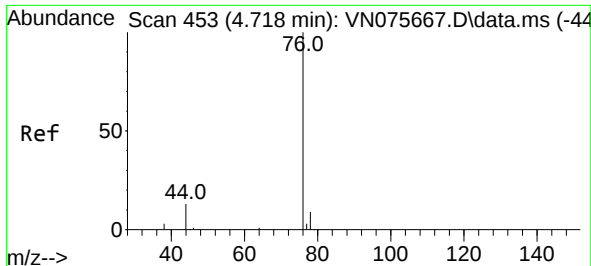
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#16
Acetone
Concen: 221.278 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN075806.D
Acq: 15 Dec 2022 07:39

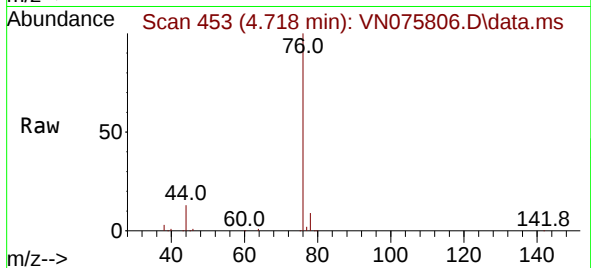
Tgt Ion: 43 Resp: 239576
Ion Ratio Lower Upper
43 100
58 34.6 28.6 43.0





#17
Carbon Disulfide
Concen: 44.629 ug/l
RT: 4.718 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN075806.D
Acq: 15 Dec 2022 07:39

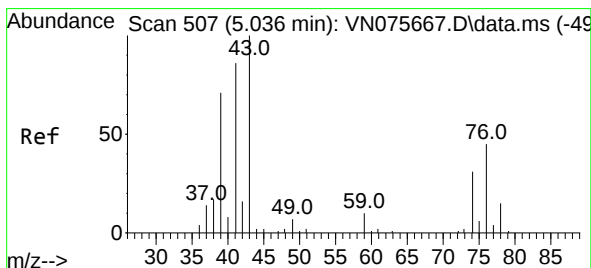
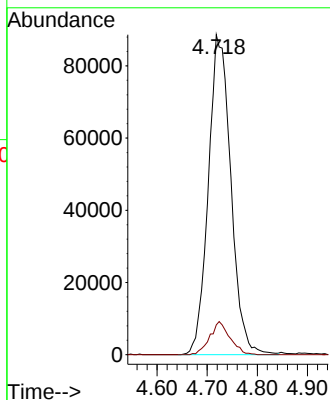
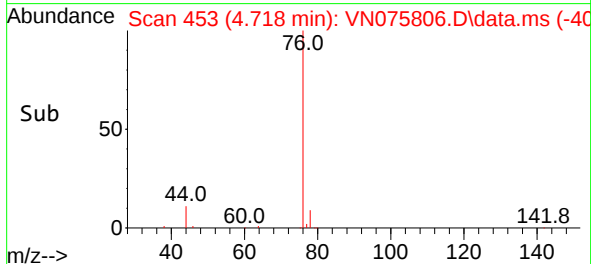
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



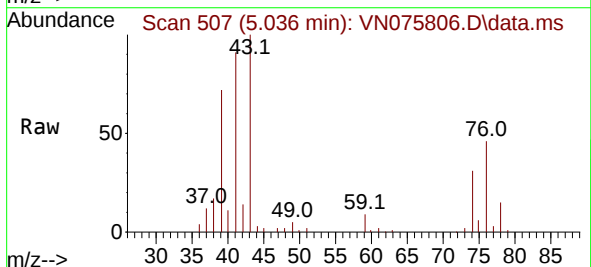
Tgt Ion: 76 Resp: 276484
Ion Ratio Lower Upper
76 100
78 9.3 6.8 10.2

Manual Integrations
APPROVED

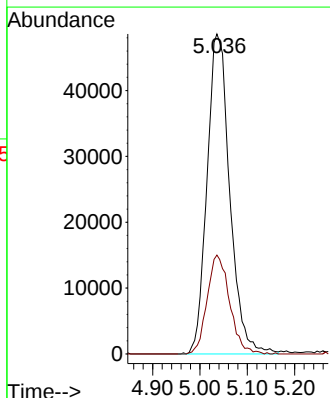
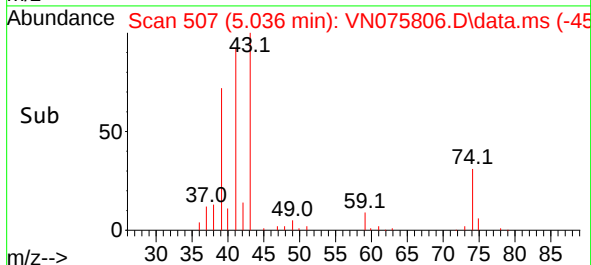
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

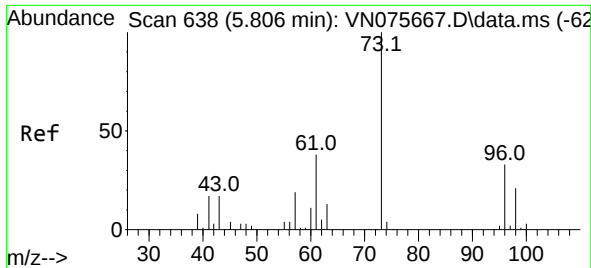


#18
Methyl Acetate
Concen: 50.656 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN075806.D
Acq: 15 Dec 2022 07:39



Tgt Ion: 43 Resp: 162117
Ion Ratio Lower Upper
43 100
74 30.6 23.6 35.4





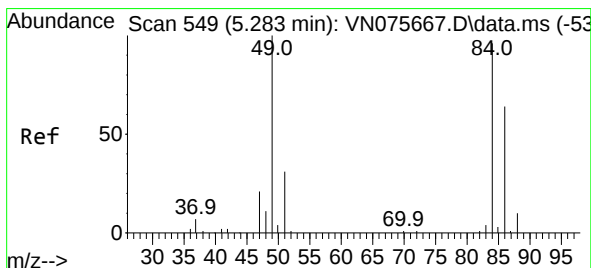
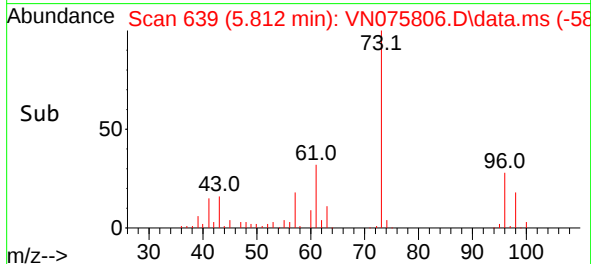
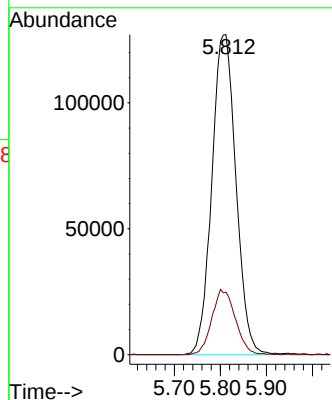
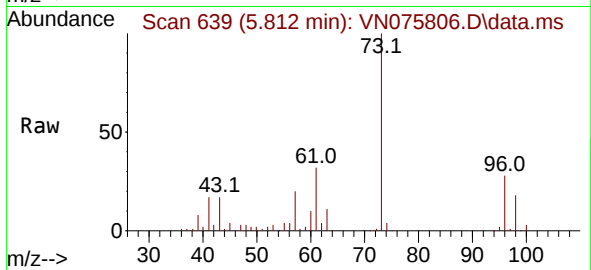
#19
Methyl tert-butyl Ether
Concen: 54.785 ug/l
RT: 5.812 min Scan# 619
Delta R.T. 0.006 min
Lab File: VN075806.D
Acq: 15 Dec 2022 07:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 461629
Ion Ratio Lower Upper
73 100
57 19.6 17.1 25.7

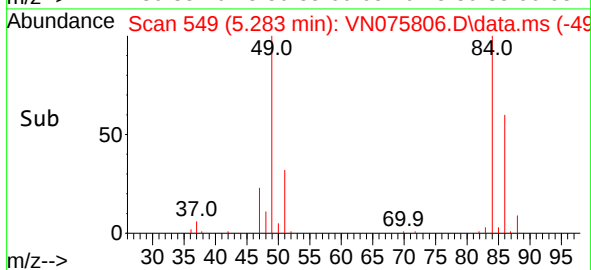
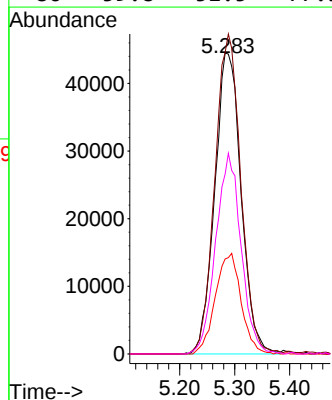
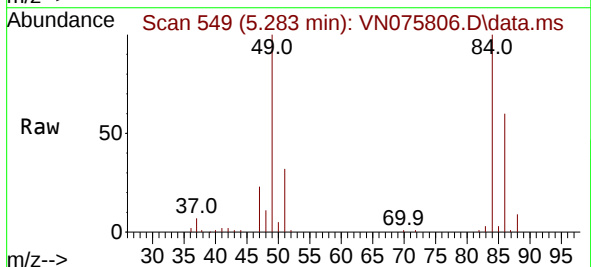
Manual Integrations
APPROVED

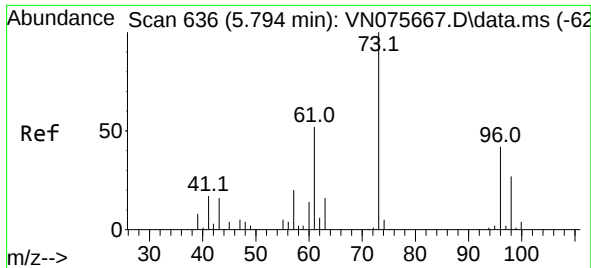
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#20
Methylene Chloride
Concen: 51.238 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.006 min
Lab File: VN075806.D
Acq: 15 Dec 2022 07:39

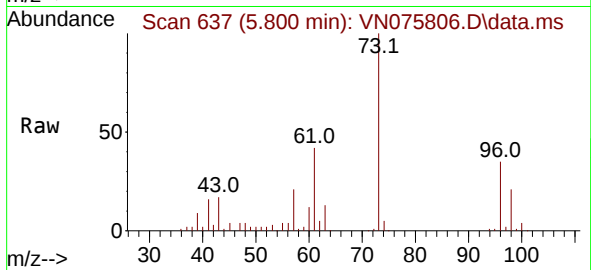
Tgt Ion: 84 Resp: 148355
Ion Ratio Lower Upper
84 100
49 100.1 81.8 122.6
51 31.6 26.7 40.1
86 59.8 51.5 77.3





#21
trans-1,2-Dichloroethene
Concen: 47.859 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075806.D
Acq: 15 Dec 2022 07:39

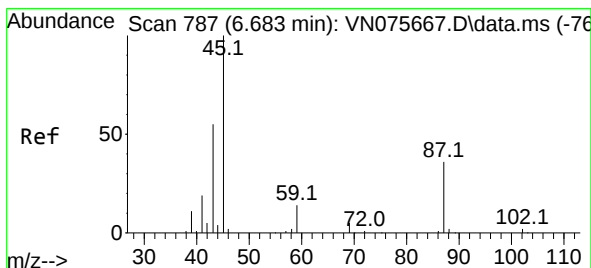
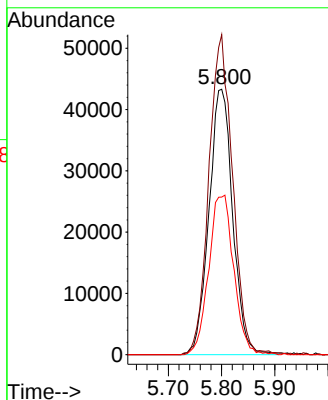
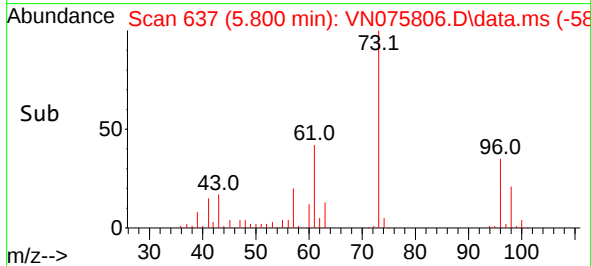
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



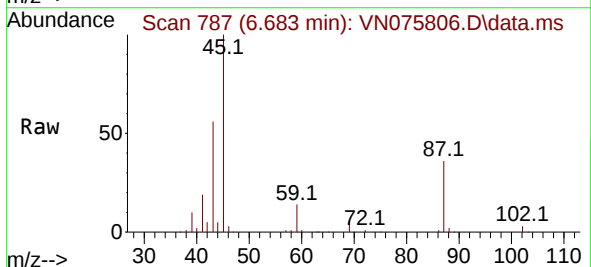
Tgt Ion: 96 Resp: 134110
Ion Ratio Lower Upper
96 100
61 120.6 98.1 147.1
98 59.4 51.4 77.2

Manual Integrations
APPROVED

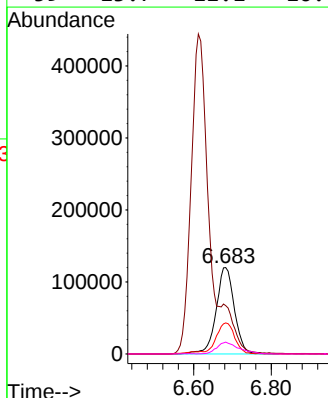
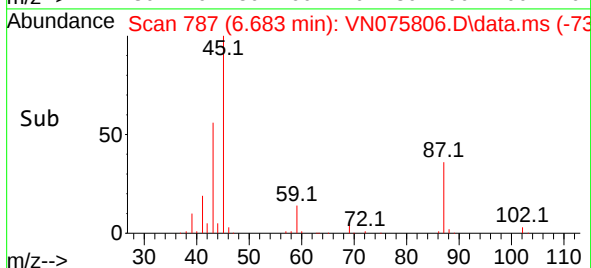
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

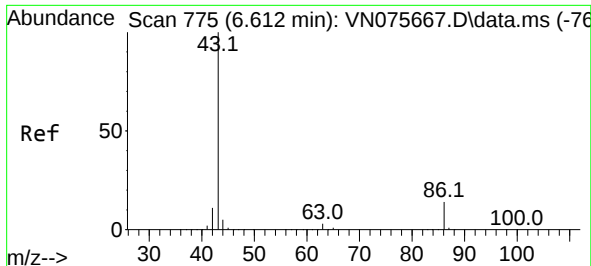


#22
Diisopropyl ether
Concen: 53.889 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN075806.D
Acq: 15 Dec 2022 07:39



Tgt Ion: 45 Resp: 391570
Ion Ratio Lower Upper
45 100
43 55.2 44.2 66.4
87 35.9 28.3 42.5
59 13.7 11.1 16.7





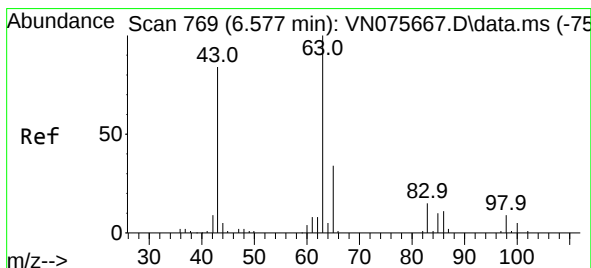
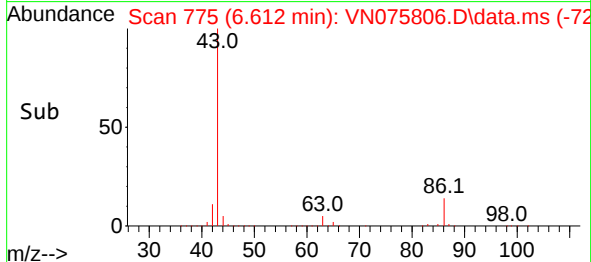
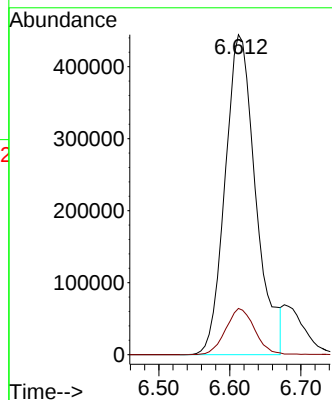
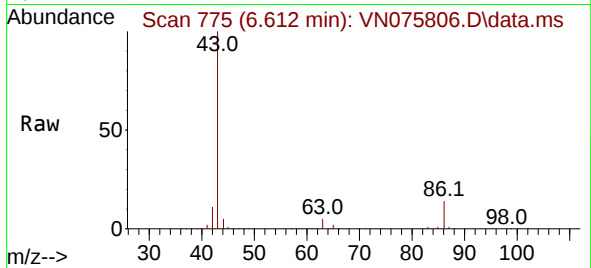
#23
 Vinyl Acetate
 Concen: 272.018 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. -0.000 min
 Lab File: VN075806.D
 Acq: 15 Dec 2022 07:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 133036
 Ion Ratio Lower Upper
 43 100
 86 14.5 11.4 17.2

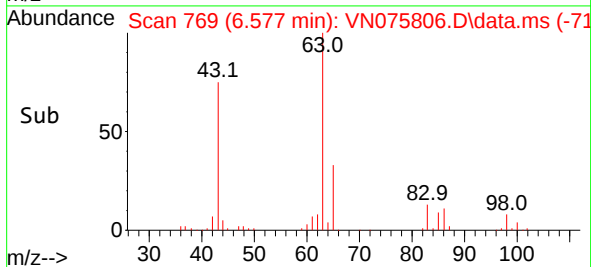
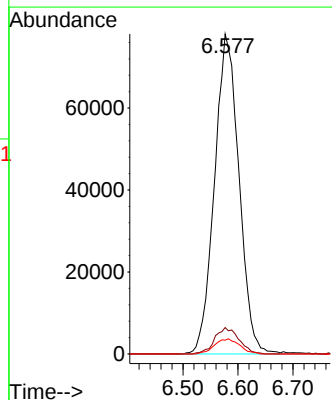
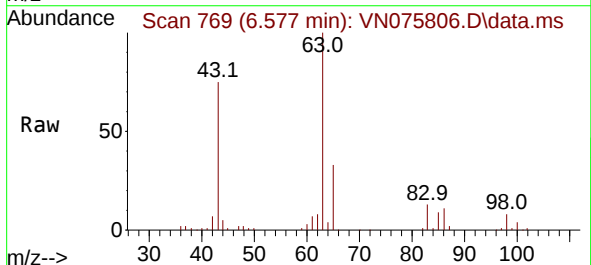
Manual Integrations
 APPROVED

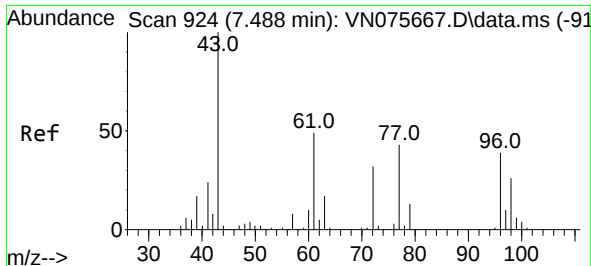
Reviewed By :John Carlone 12/15/2022
 Supervised By :Mahesh Dadoda 12/15/2022



#24
 1,1-Dichloroethane
 Concen: 49.808 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VN075806.D
 Acq: 15 Dec 2022 07:39

Tgt Ion: 63 Resp: 241367
 Ion Ratio Lower Upper
 63 100
 98 8.3 3.9 11.5
 100 4.3 2.5 7.6





#25

2-Butanone

Concen: 261.086 ug/l

RT: 7.488 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN075806.D

Acq: 15 Dec 2022 07:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 395798

Ion Ratio Lower Upper

43 100

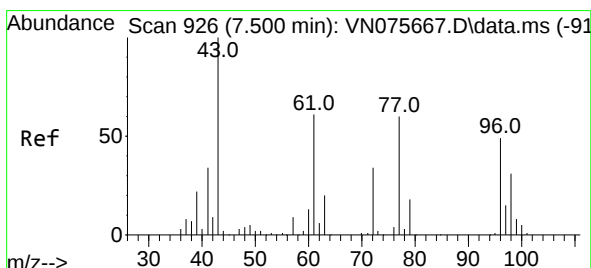
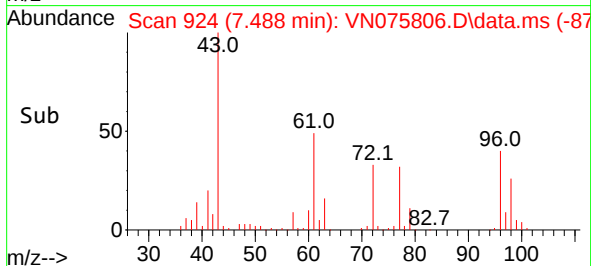
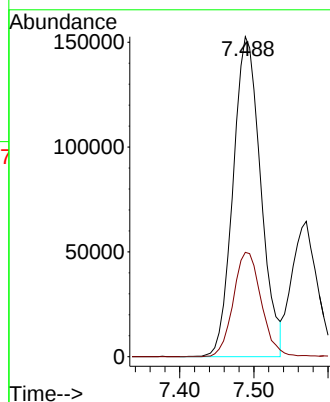
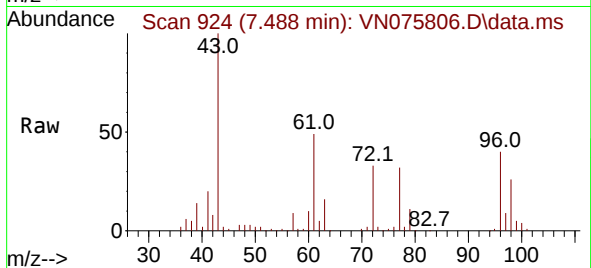
72 32.6 28.0 42.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#26

2,2-Dichloropropane

Concen: 39.352 ug/l

RT: 7.494 min Scan# 925

Delta R.T. -0.000 min

Lab File: VN075806.D

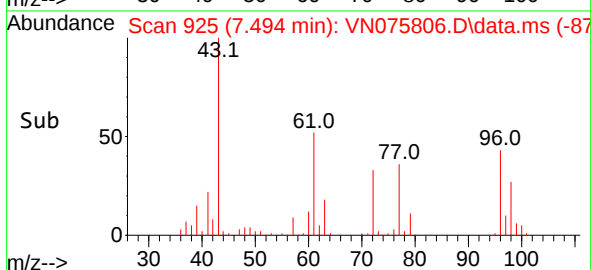
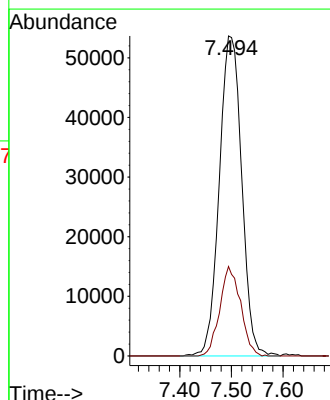
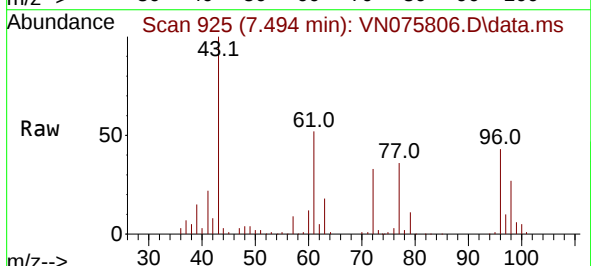
Acq: 15 Dec 2022 07:39

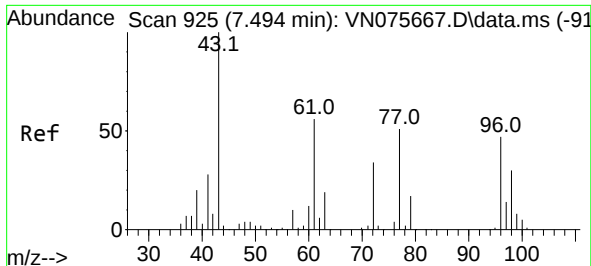
Tgt Ion: 77 Resp: 161494

Ion Ratio Lower Upper

77 100

97 25.9 12.7 38.0





#27

cis-1,2-Dichloroethene

Concen: 50.812 ug/l

RT: 7.494 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN075806.D

Acq: 15 Dec 2022 07:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 17029

Ion Ratio Lower Upper

96 100

61 123.6 0.0 247.8

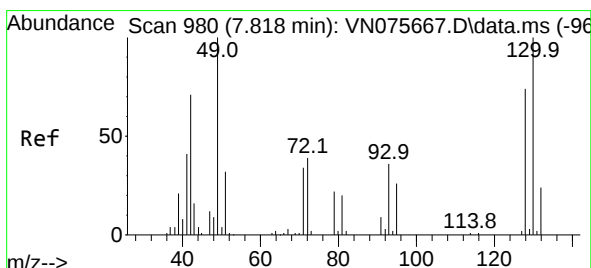
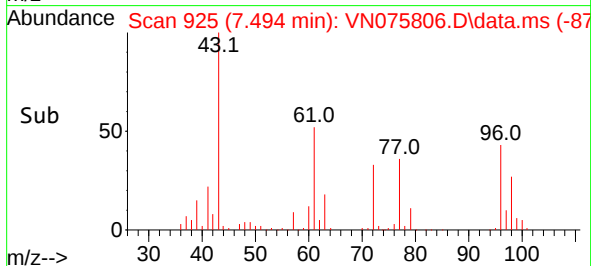
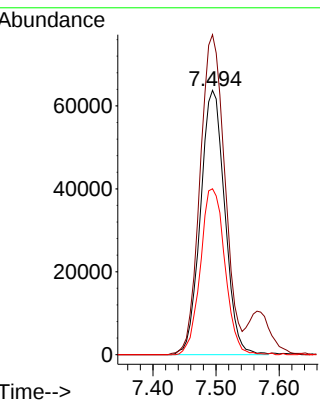
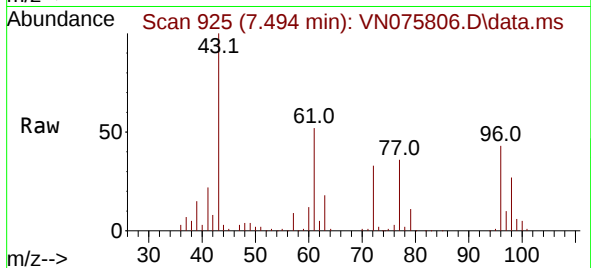
98 63.2 0.0 128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#28

Bromochloromethane

Concen: 48.632 ug/l

RT: 7.818 min Scan# 980

Delta R.T. -0.006 min

Lab File: VN075806.D

Acq: 15 Dec 2022 07:39

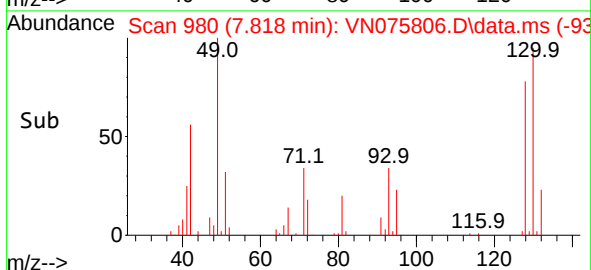
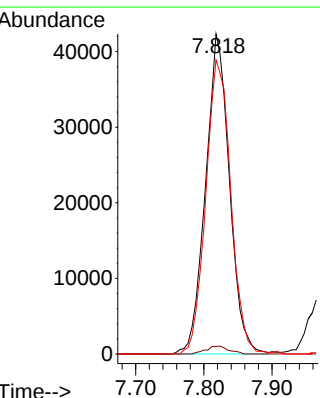
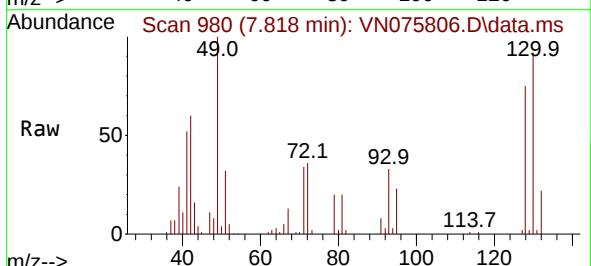
Tgt Ion: 49 Resp: 103294

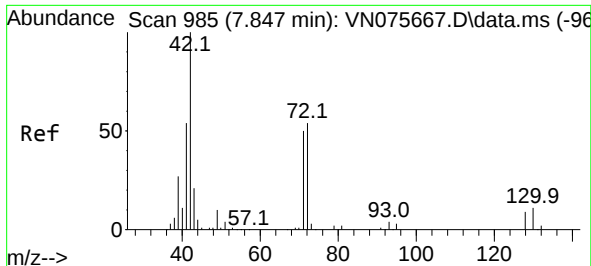
Ion Ratio Lower Upper

49 100

129 2.3 0.0 5.0

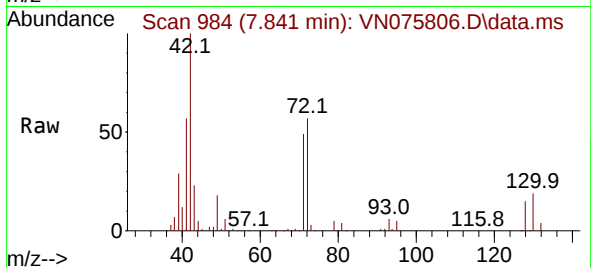
130 95.8 77.0 115.4





#29
Tetrahydrofuran
Concen: 269.778 ug/l
RT: 7.841 min Scan# 984
Delta R.T. -0.000 min
Lab File: VN075806.D
Acq: 15 Dec 2022 07:39

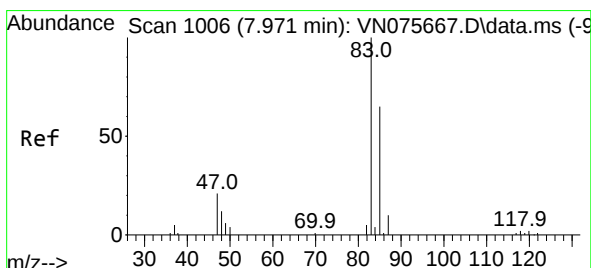
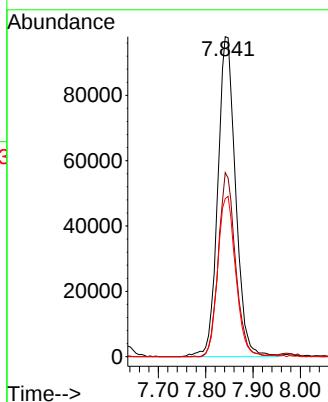
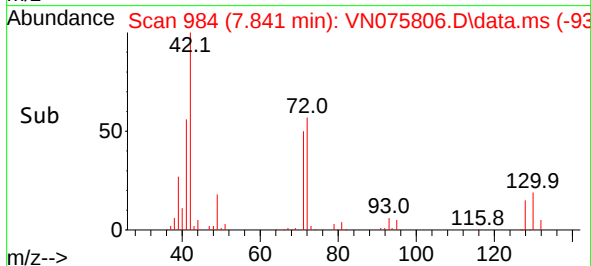
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



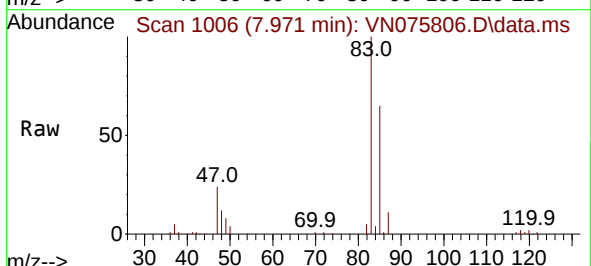
Tgt Ion: 42 Resp: 256294
Ion Ratio Lower Upper
42 100
72 55.3 44.5 66.7
71 50.8 41.0 61.6

Manual Integrations
APPROVED

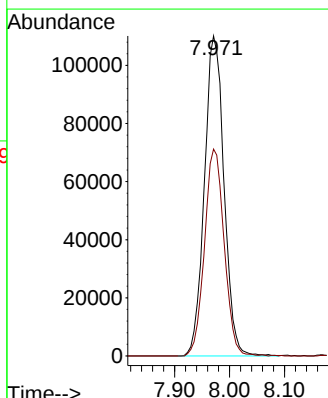
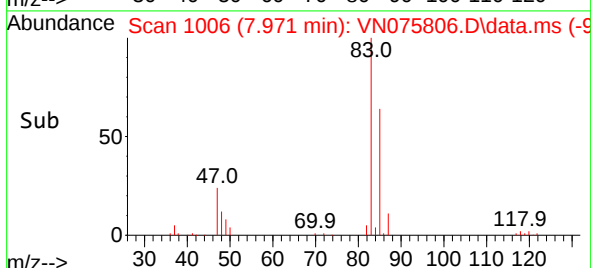
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

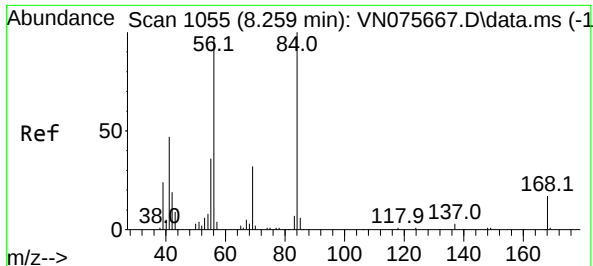


#30
Chloroform
Concen: 50.007 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN075806.D
Acq: 15 Dec 2022 07:39



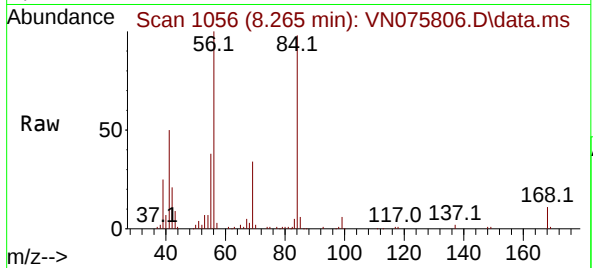
Tgt Ion: 83 Resp: 272845
Ion Ratio Lower Upper
83 100
85 64.6 49.1 73.7





#31
Cyclohexane
Concen: 44.116 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN075806.D
Acq: 15 Dec 2022 07:39

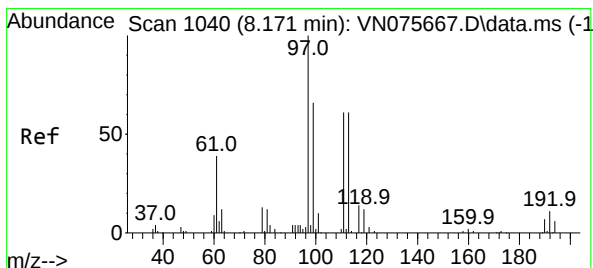
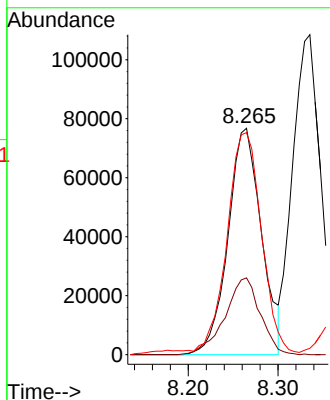
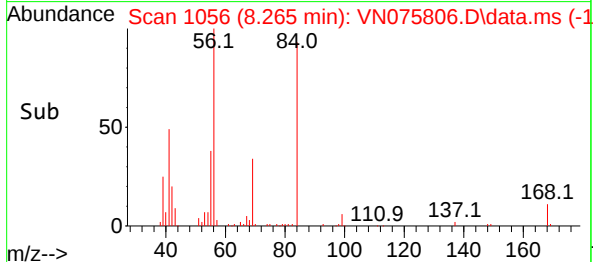
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



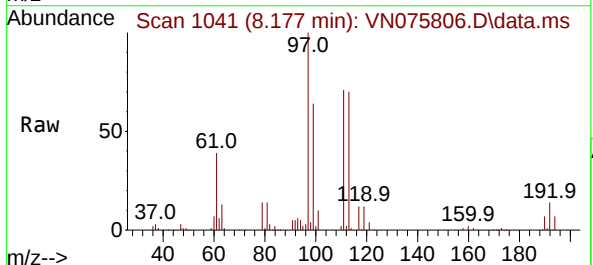
Tgt Ion: 56 Resp: 19844
Ion Ratio Lower Upper
56 100
69 33.9 24.7 37.1
84 96.3 76.5 114.7

Manual Integrations
APPROVED

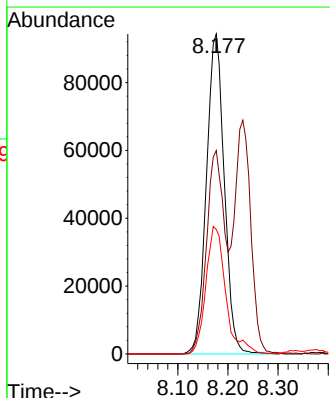
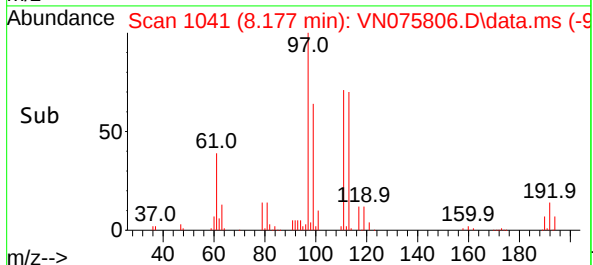
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

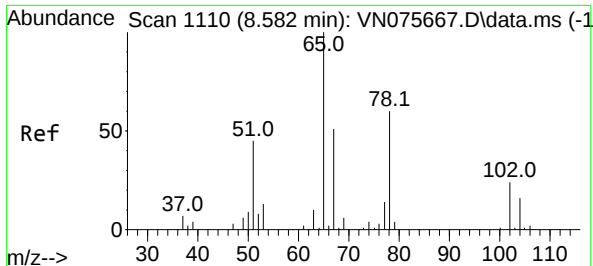


#32
1,1,1-Trichloroethane
Concen: 48.274 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN075806.D
Acq: 15 Dec 2022 07:39



Tgt Ion: 97 Resp: 233508
Ion Ratio Lower Upper
97 100
99 63.3 50.2 75.2
61 44.3 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 56.230 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN075806.D

Acq: 15 Dec 2022 07:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 176600

Ion Ratio Lower Upper

65 100

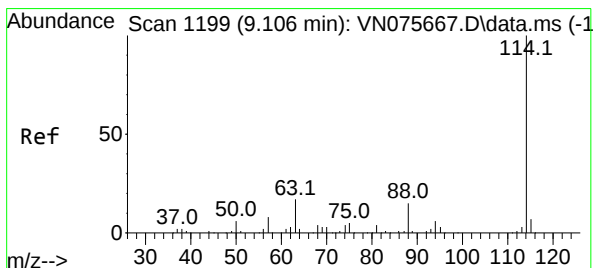
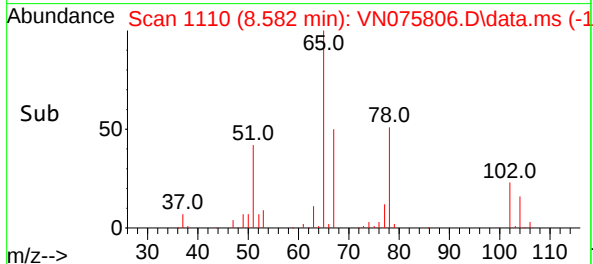
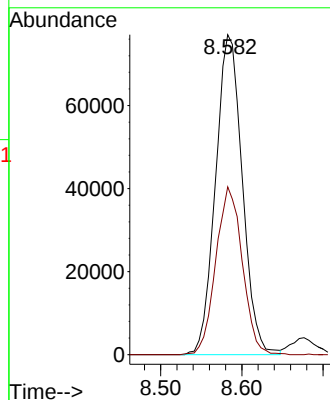
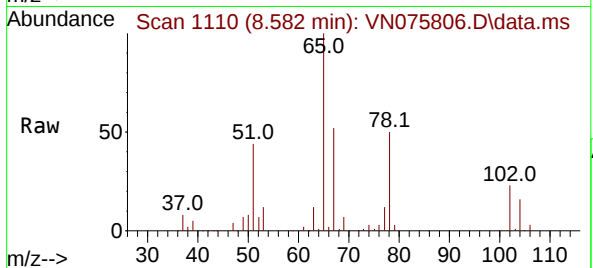
67 51.9 0.0 103.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075806.D

Acq: 15 Dec 2022 07:39

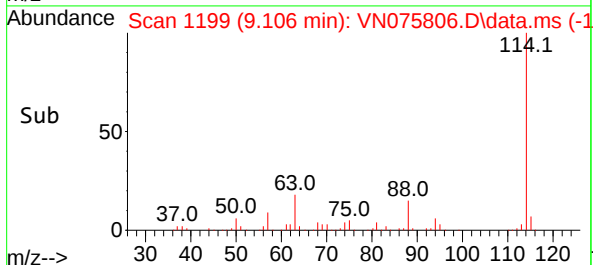
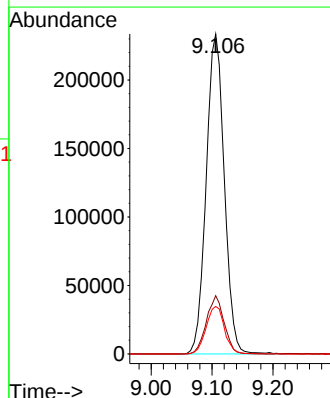
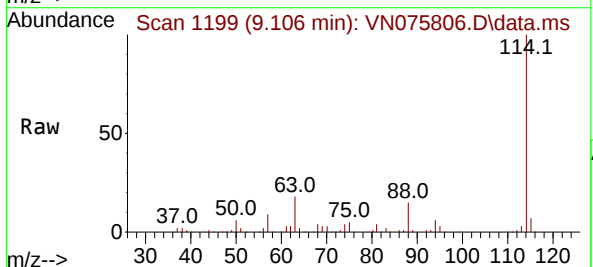
Tgt Ion:114 Resp: 482961

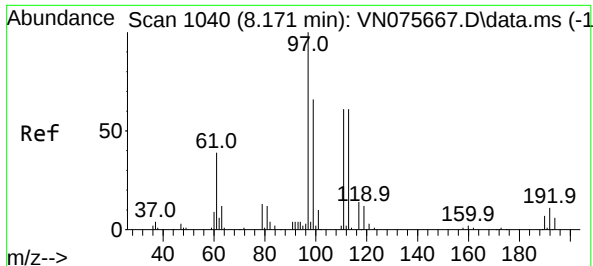
Ion Ratio Lower Upper

114 100

63 18.2 0.0 34.4

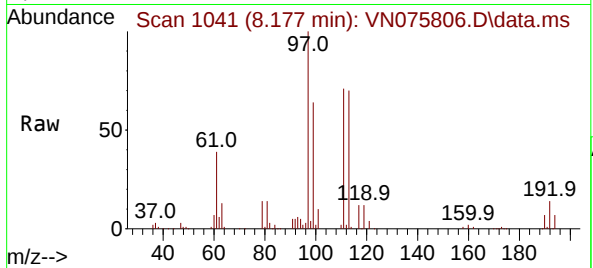
88 14.9 0.0 28.8





#35
Dibromofluoromethane
Concen: 53.139 ug/l
RT: 8.177 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VN075806.D
Acq: 15 Dec 2022 07:39

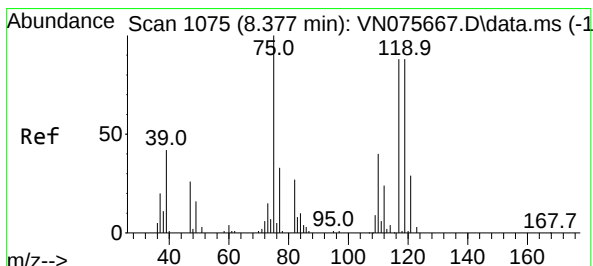
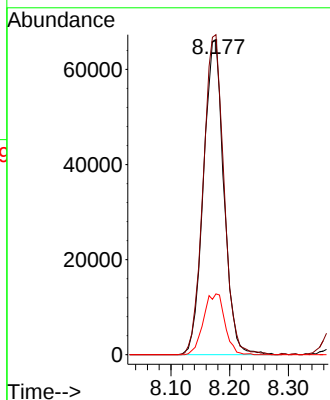
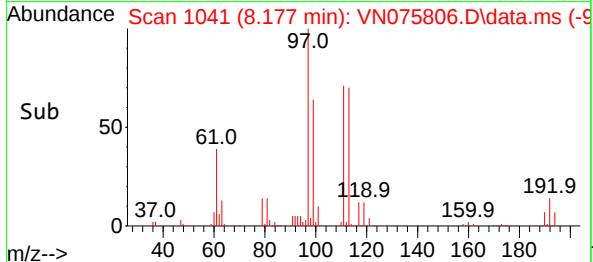
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 158934
Ion Ratio Lower Upper
113 100
111 103.1 83.4 125.2
192 20.3 16.1 24.1

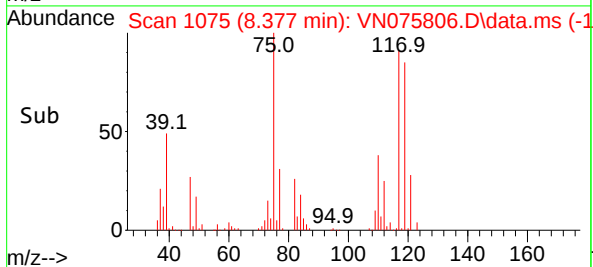
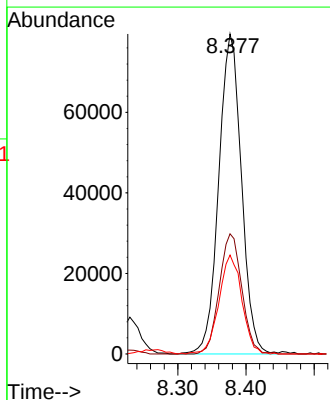
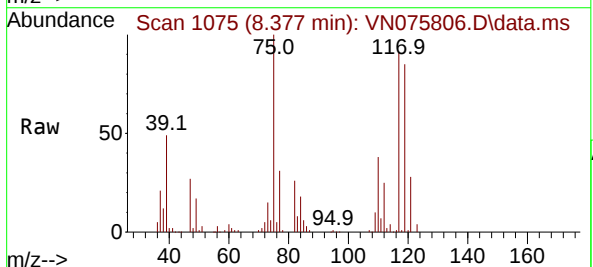
Manual Integrations
APPROVED

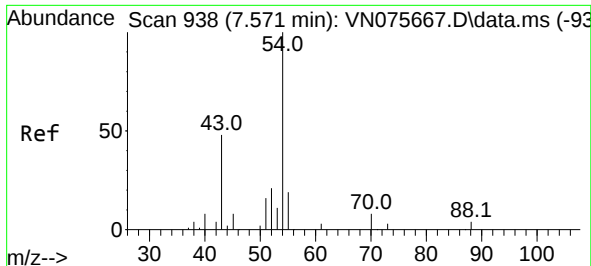
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#36
1,1-Dichloropropene
Concen: 46.325 ug/l
RT: 8.377 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VN075806.D
Acq: 15 Dec 2022 07:39

Tgt Ion: 75 Resp: 184053
Ion Ratio Lower Upper
75 100
110 37.3 18.8 56.4
77 31.2 24.1 36.1





#37

Ethyl Acetate

Concen: 49.284 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN075806.D

Acq: 15 Dec 2022 07:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 157284

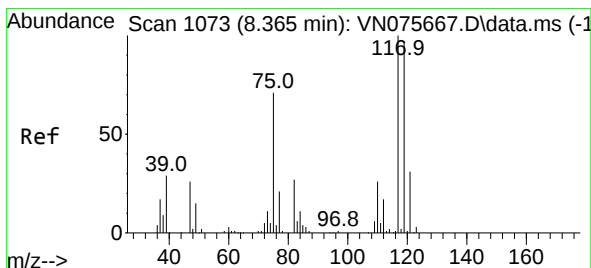
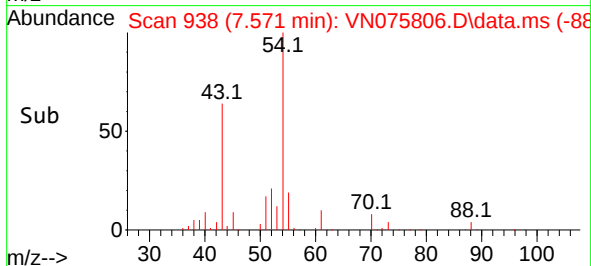
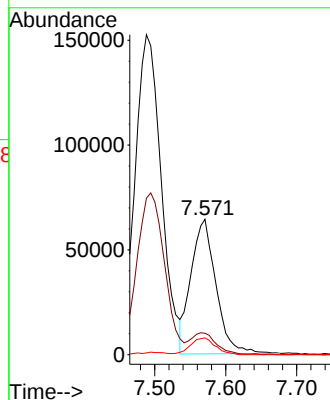
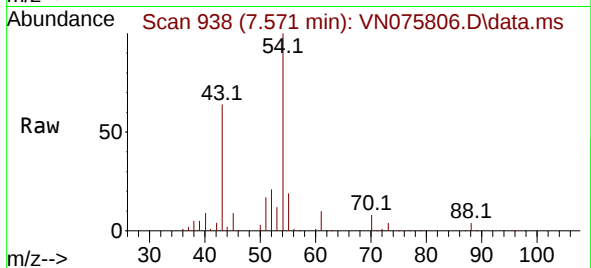
Ion	Ratio	Lower	Upper
43	100		
61	15.9	13.0	19.4
70	12.4	9.4	14.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#38

Carbon Tetrachloride

Concen: 45.057 ug/l

RT: 8.365 min Scan# 1073

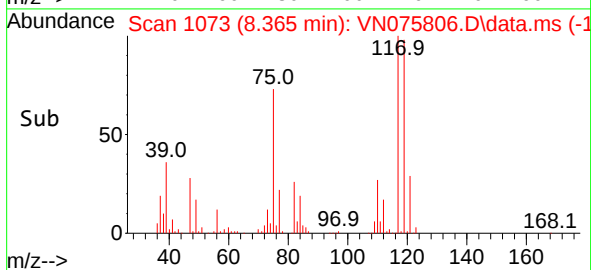
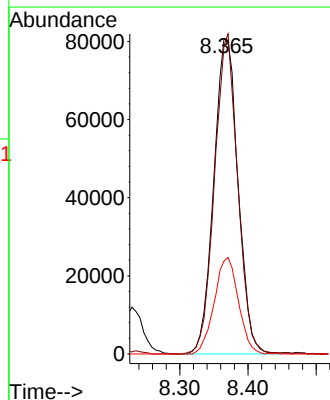
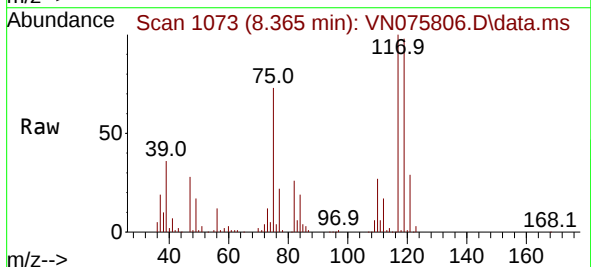
Delta R.T. -0.000 min

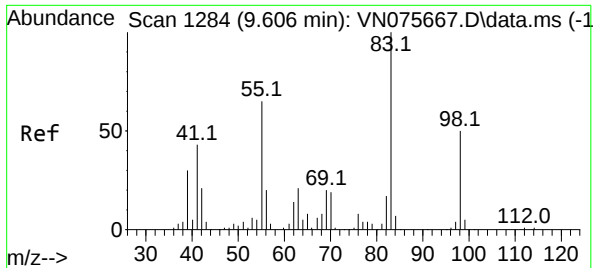
Lab File: VN075806.D

Acq: 15 Dec 2022 07:39

Tgt Ion:117 Resp: 200362

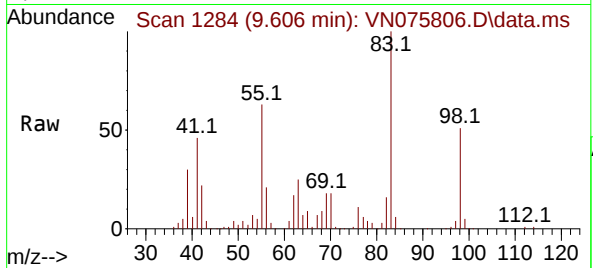
Ion	Ratio	Lower	Upper
117	100		
119	97.9	76.1	114.1
121	29.5	24.5	36.7





#39
Methylcyclohexane
Concen: 46.903 ug/l
RT: 9.606 min Scan# 1115
Delta R.T. -0.000 min
Lab File: VN075806.D
Acq: 15 Dec 2022 07:39

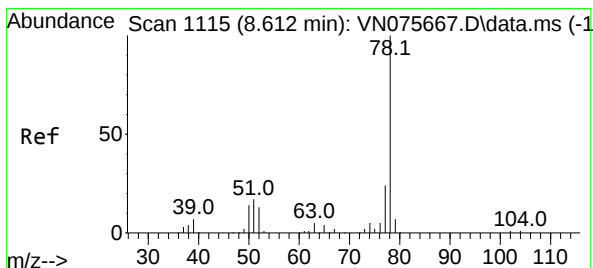
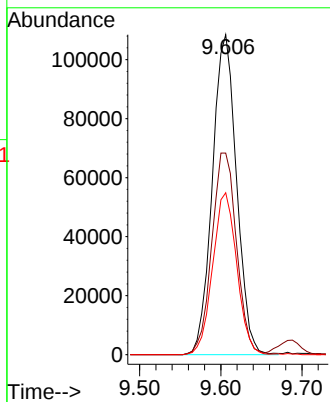
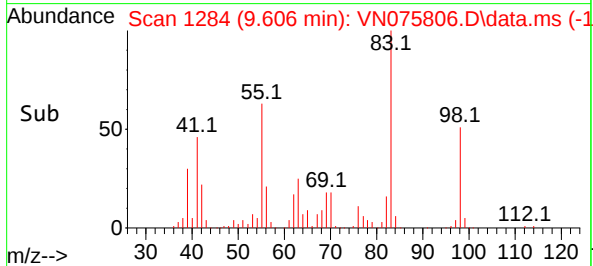
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



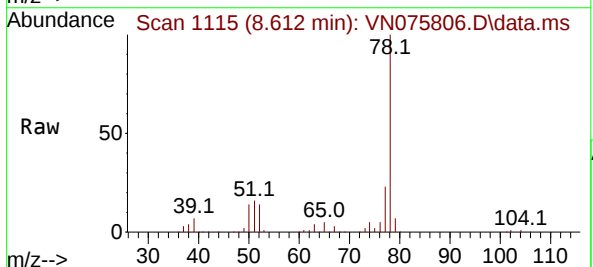
Tgt Ion: 83 Resp: 224819
Ion Ratio Lower Upper
83 100
55 63.0 51.4 77.0
98 50.6 39.8 59.8

Manual Integrations
APPROVED

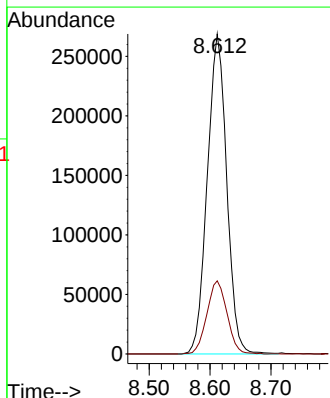
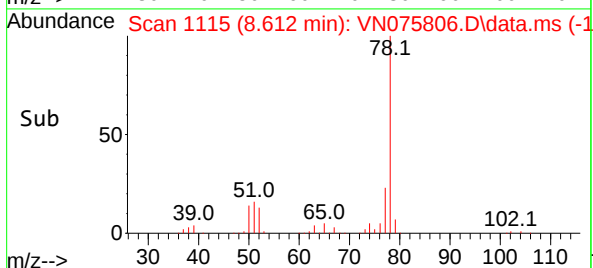
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

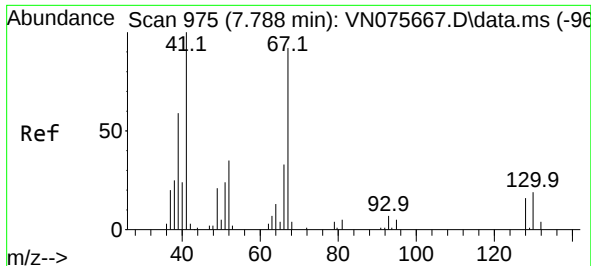


#40
Benzene
Concen: 48.622 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. -0.000 min
Lab File: VN075806.D
Acq: 15 Dec 2022 07:39



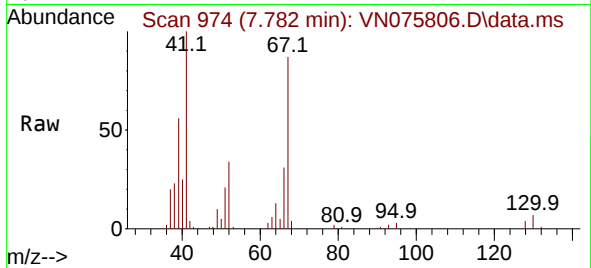
Tgt Ion: 78 Resp: 596038
Ion Ratio Lower Upper
78 100
77 22.8 18.5 27.7





#41
Methacrylonitrile
Concen: 53.114 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075806.D
Acq: 15 Dec 2022 07:39

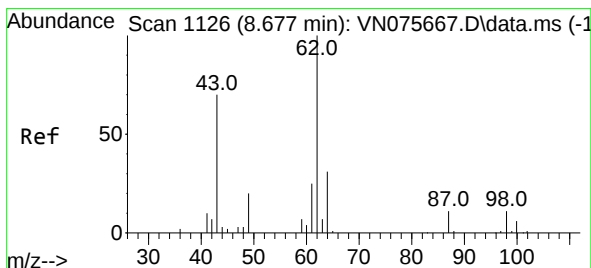
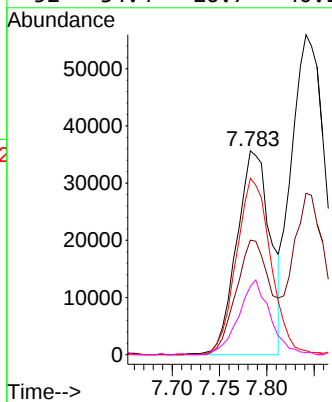
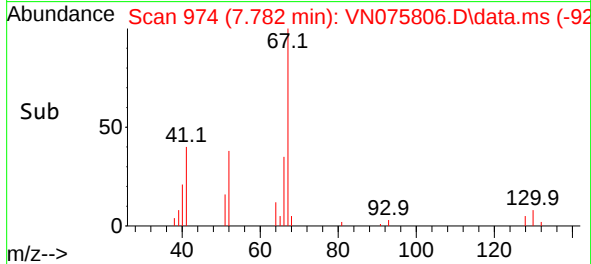
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



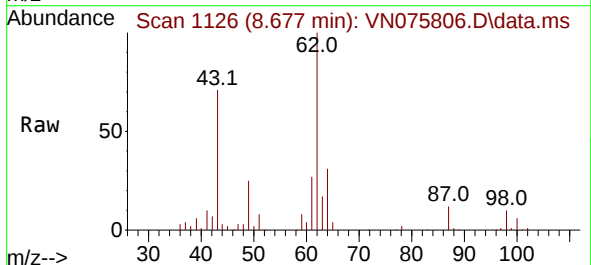
Tgt Ion: 41 Resp: 88108
Ion Ratio Lower Upper
41 100
39 56.9 43.1 64.7
67 88.6 70.7 106.1
52 34.4 26.7 40.1

Manual Integrations
APPROVED

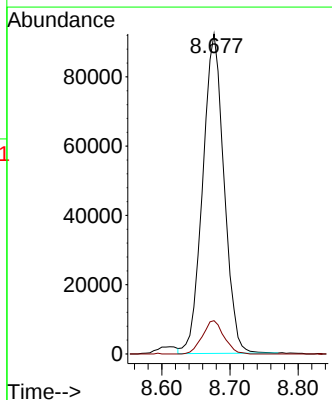
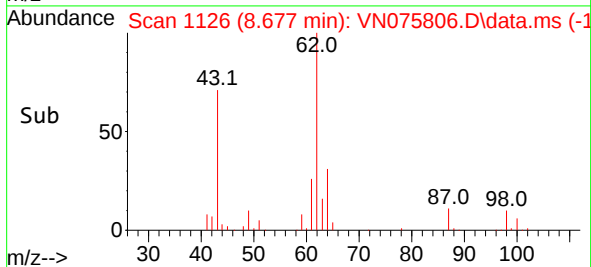
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

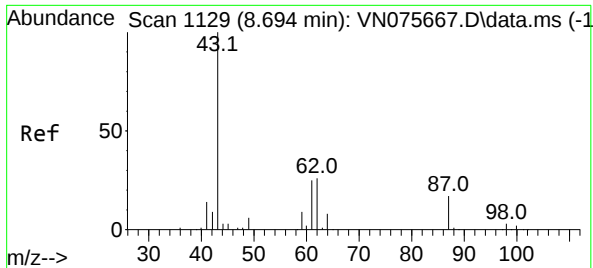


#42
1,2-Dichloroethane
Concen: 49.332 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN075806.D
Acq: 15 Dec 2022 07:39



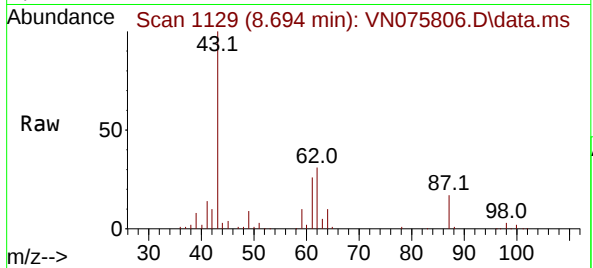
Tgt Ion: 62 Resp: 201049
Ion Ratio Lower Upper
62 100
98 10.5 0.0 20.8





#43
Isopropyl Acetate
Concen: 53.340 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VN075806.D
Acq: 15 Dec 2022 07:39

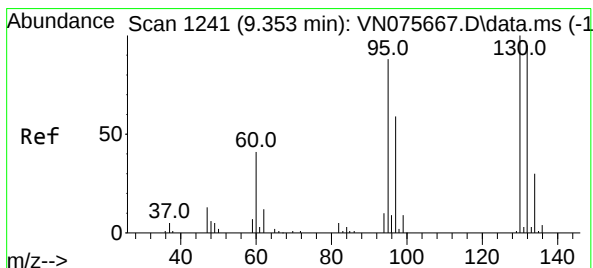
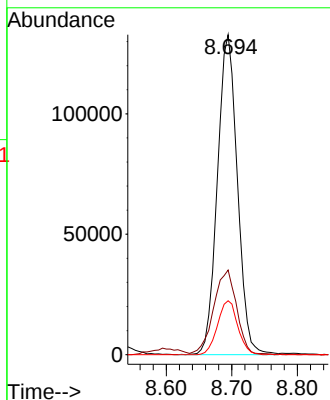
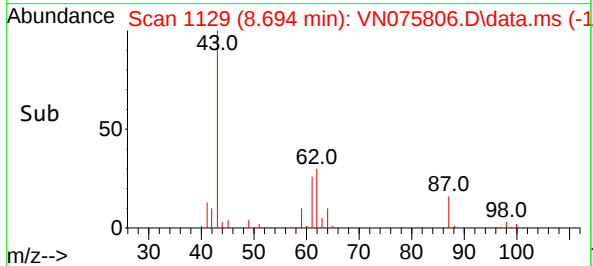
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



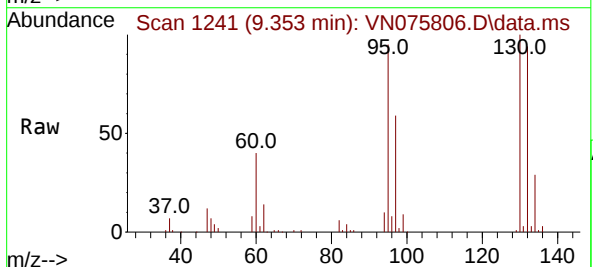
Tgt Ion: 43 Resp: 28080
Ion Ratio Lower Upper
43 100
61 30.5 24.2 36.4
87 17.0 13.3 19.9

Manual Integrations
APPROVED

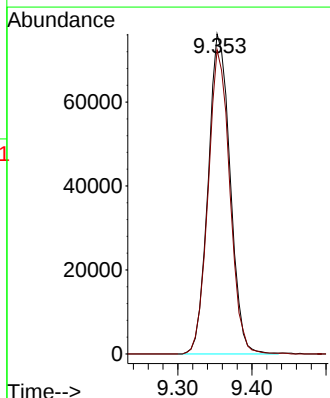
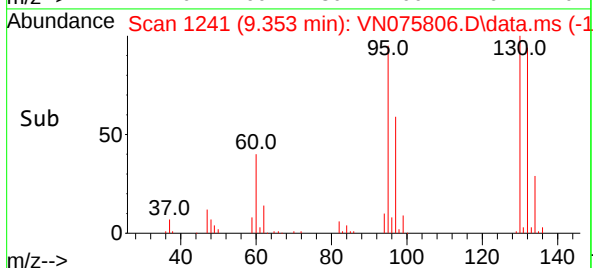
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

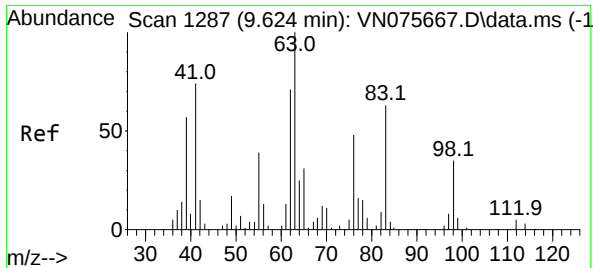


#44
Trichloroethene
Concen: 45.483 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. -0.006 min
Lab File: VN075806.D
Acq: 15 Dec 2022 07:39



Tgt Ion:130 Resp: 157072
Ion Ratio Lower Upper
130 100
95 95.0 0.0 195.4





#45

1,2-Dichloropropane

Concen: 49.182 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN075806.D

Acq: 15 Dec 2022 07:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 14671

Ion Ratio Lower Upper

63 100

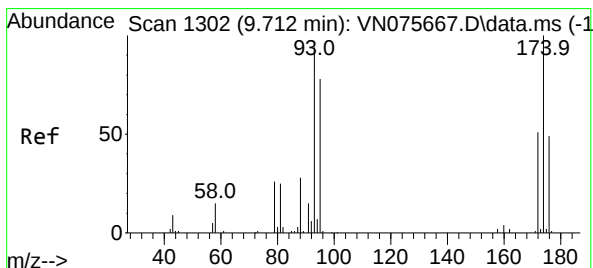
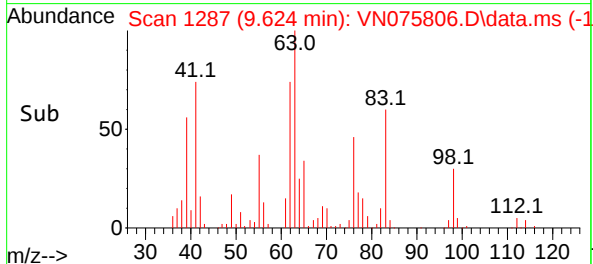
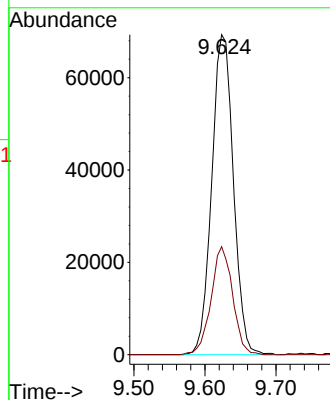
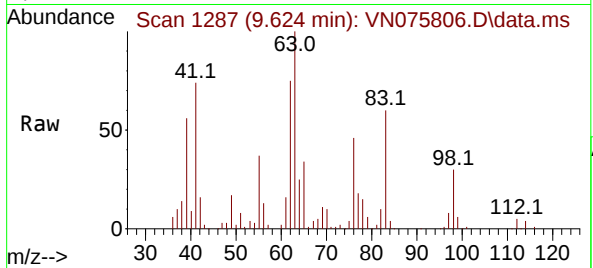
65 33.8 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#46

Dibromomethane

Concen: 50.430 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN075806.D

Acq: 15 Dec 2022 07:39

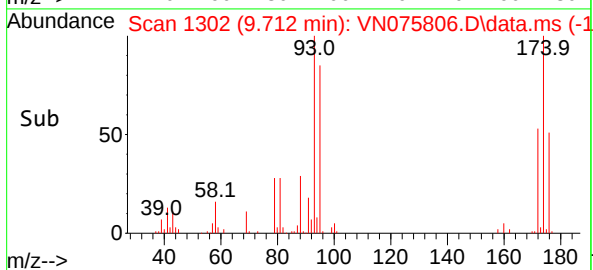
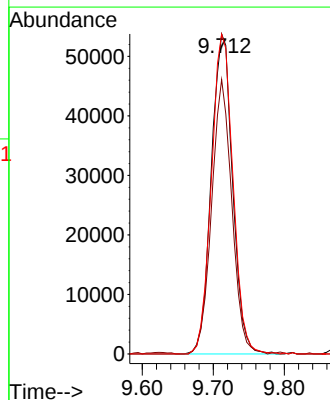
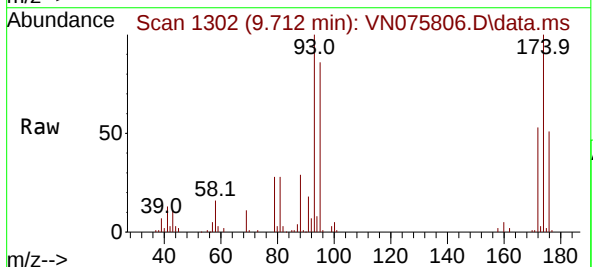
Tgt Ion: 93 Resp: 111577

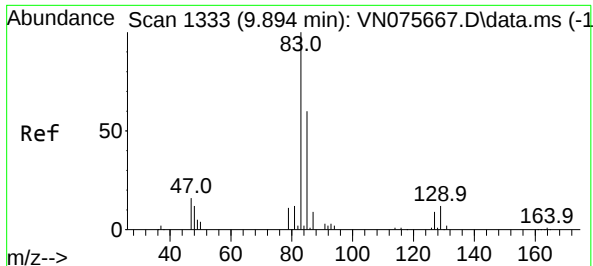
Ion Ratio Lower Upper

93 100

95 81.7 65.2 97.8

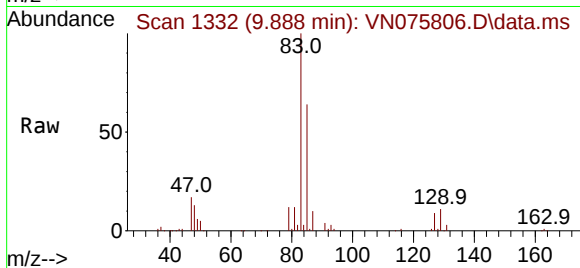
174 101.4 82.4 123.6





#47
Bromodichloromethane
Concen: 50.460 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075806.D
Acq: 15 Dec 2022 07:39

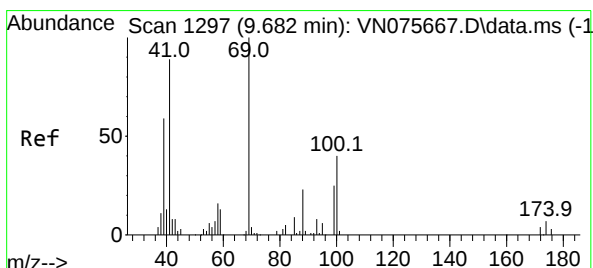
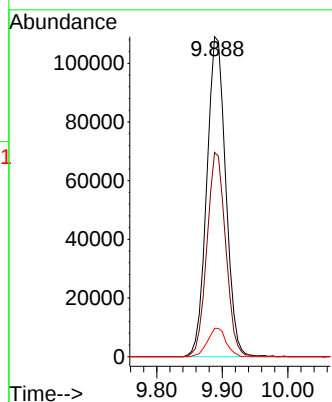
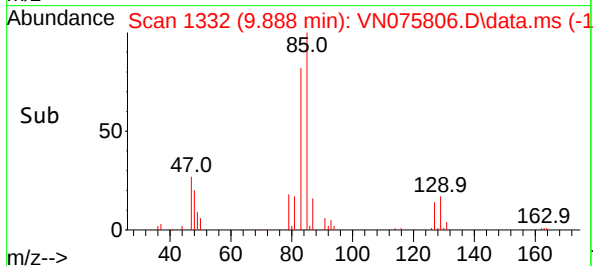
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 218940
Ion Ratio Lower Upper
83 100
85 63.9 51.5 77.3
127 8.8 6.6 10.0

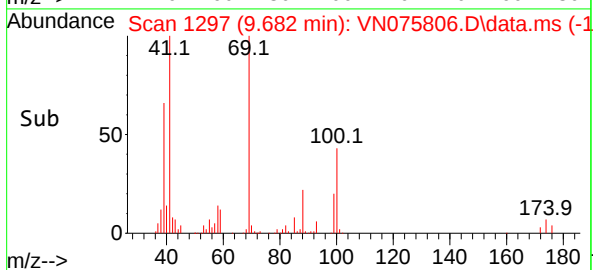
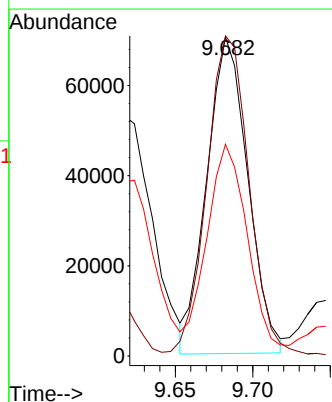
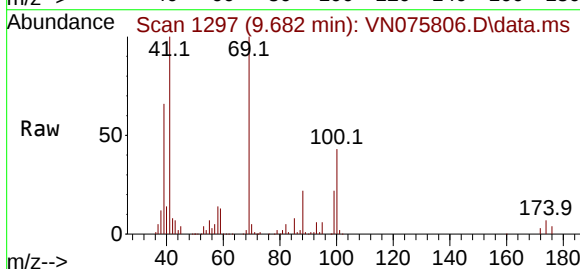
Manual Integrations
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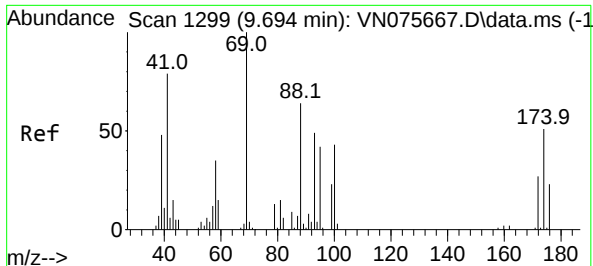
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#48
Methyl methacrylate
Concen: 54.455 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. -0.000 min
Lab File: VN075806.D
Acq: 15 Dec 2022 07:39

Tgt Ion: 41 Resp: 129117
Ion Ratio Lower Upper
41 100
69 104.5 81.9 122.9
39 67.5 51.6 77.4





#49

1,4-Dioxane

Concen: 1009.539 ug/l

RT: 9.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN075806.D

Acq: 15 Dec 2022 07:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 5884

Ion Ratio Lower Upper

88 100

43 22.3 17.1 25.7

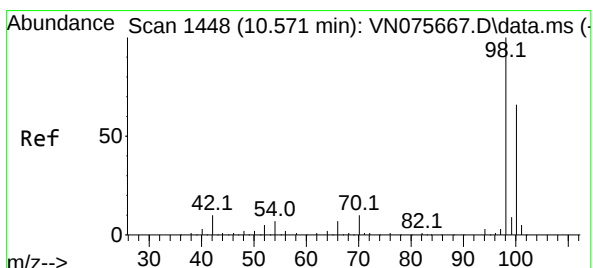
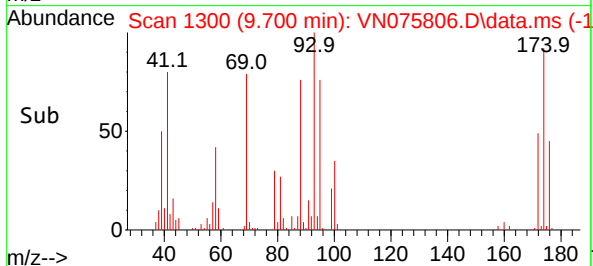
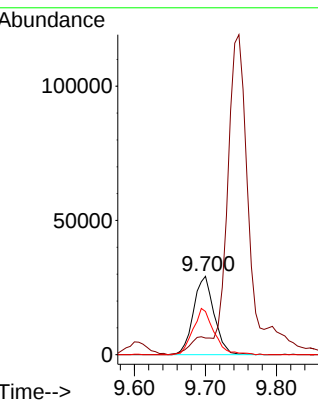
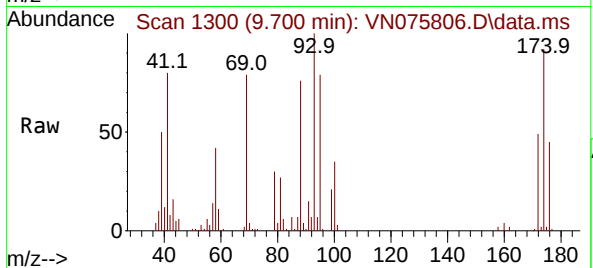
58 60.2 47.8 71.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#50

Toluene-d8

Concen: 51.971 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN075806.D

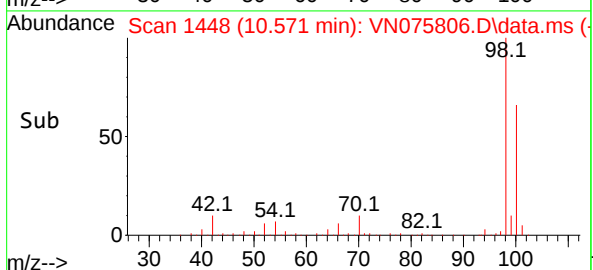
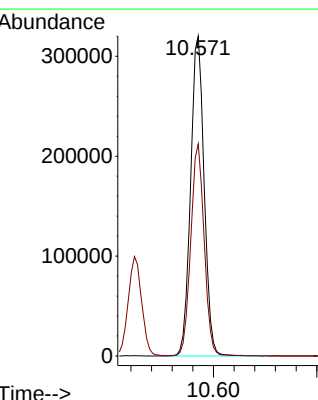
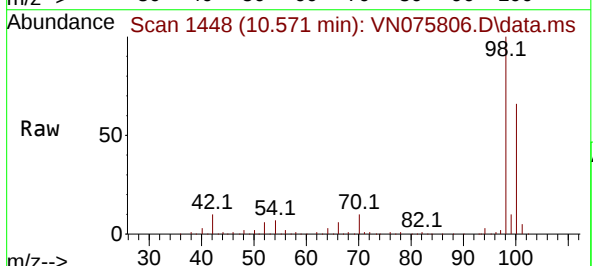
Acq: 15 Dec 2022 07:39

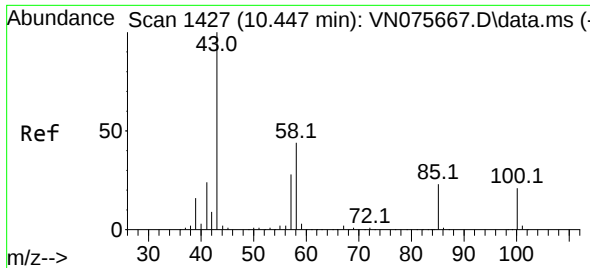
Tgt Ion: 98 Resp: 581175

Ion Ratio Lower Upper

98 100

100 65.8 52.1 78.1





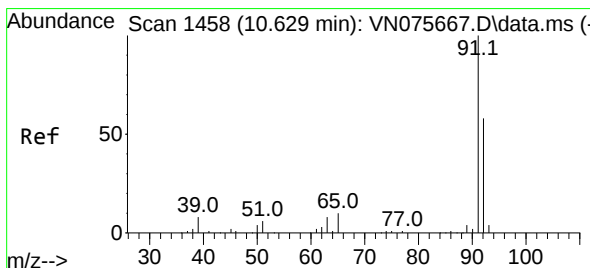
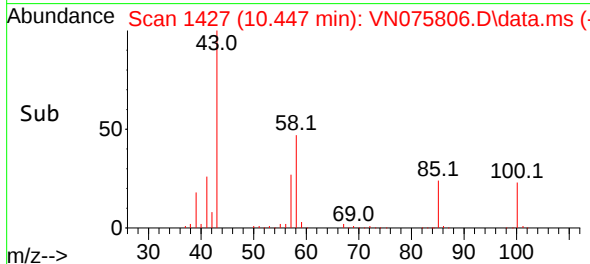
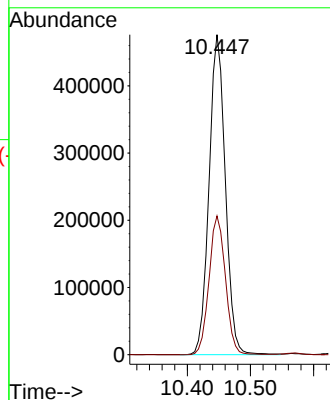
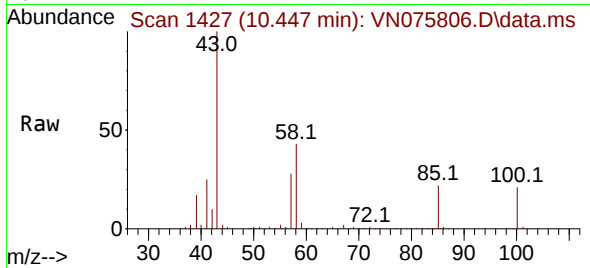
#51
4-Methyl-2-Pentanone
Concen: 267.708 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN075806.D
Acq: 15 Dec 2022 07:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 852300
Ion Ratio Lower Upper
43 100
58 43.8 35.5 53.3

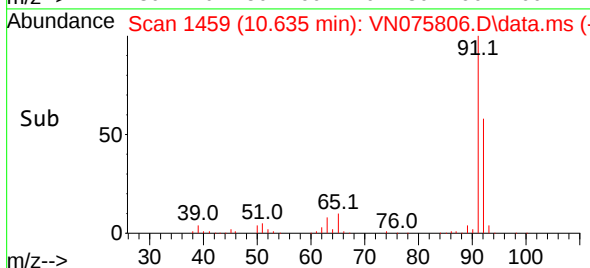
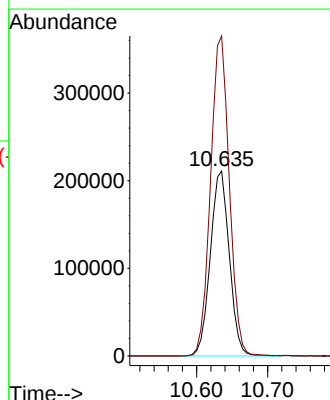
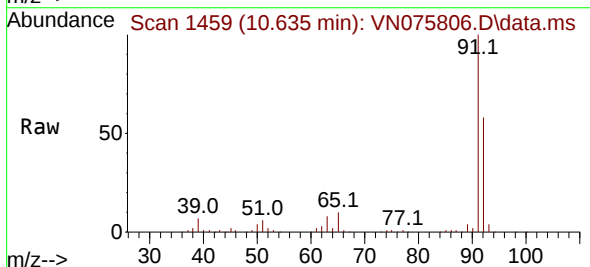
Manual Integrations
APPROVED

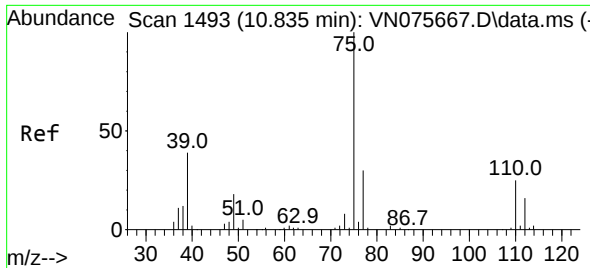
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#52
Toluene
Concen: 48.978 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VN075806.D
Acq: 15 Dec 2022 07:39

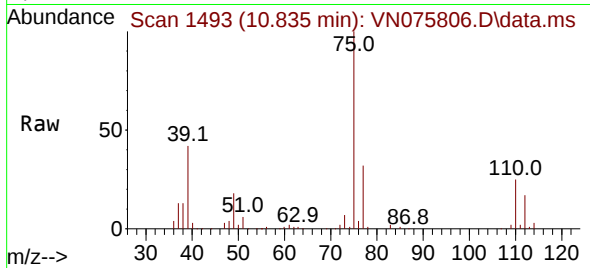
Tgt Ion: 92 Resp: 391022
Ion Ratio Lower Upper
92 100
91 171.1 137.3 205.9





#53
t-1,3-Dichloropropene
Concen: 50.953 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VN075806.D
Acq: 15 Dec 2022 07:39

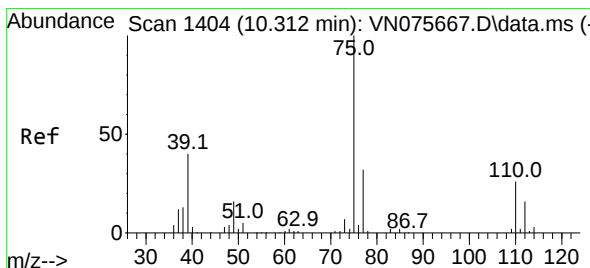
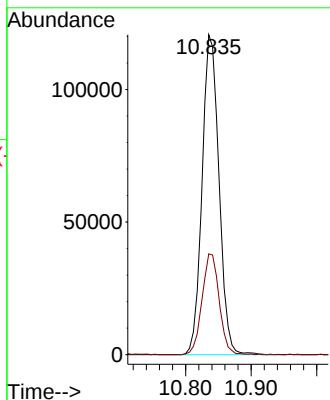
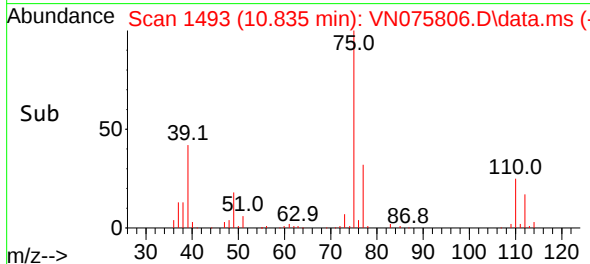
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



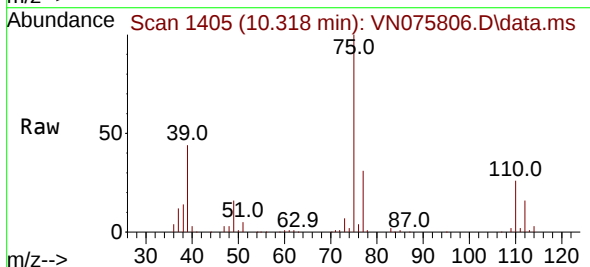
Tgt Ion: 75 Resp: 216410
Ion Ratio Lower Upper
75 100
77 31.5 24.9 37.3

Manual Integrations
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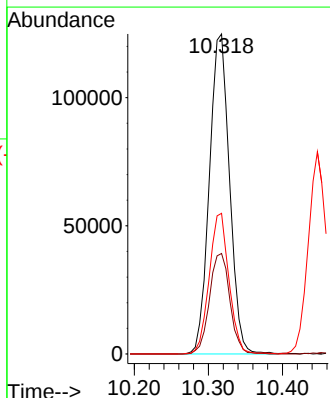
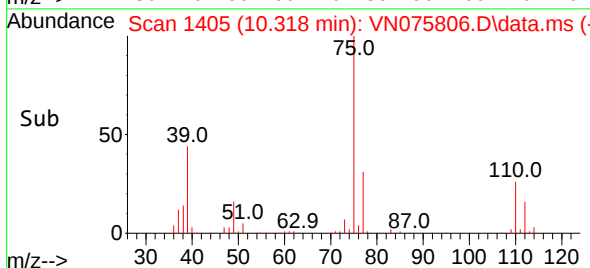
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

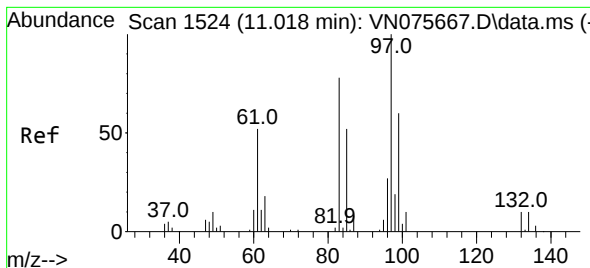


#54
cis-1,3-Dichloropropene
Concen: 50.582 ug/l
RT: 10.318 min Scan# 1405
Delta R.T. 0.006 min
Lab File: VN075806.D
Acq: 15 Dec 2022 07:39



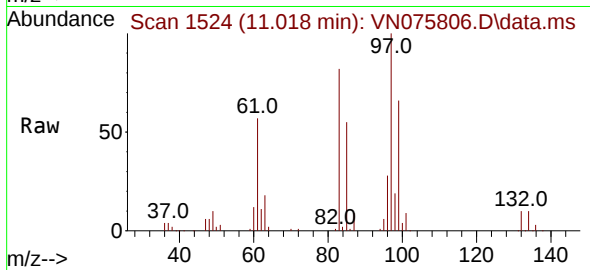
Tgt Ion: 75 Resp: 235875
Ion Ratio Lower Upper
75 100
77 31.4 25.8 38.8
39 44.0 33.4 50.2





#55
1,1,2-Trichloroethane
Concen: 50.521 ug/l
RT: 11.018 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN075806.D
Acq: 15 Dec 2022 07:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

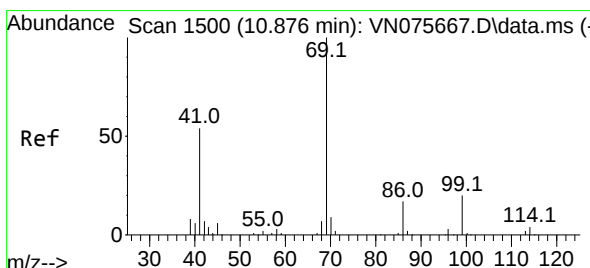
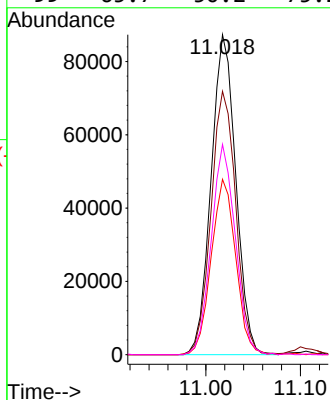
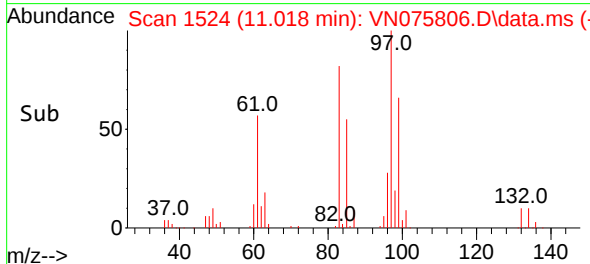


Tgt Ion: 97 Resp: 158314

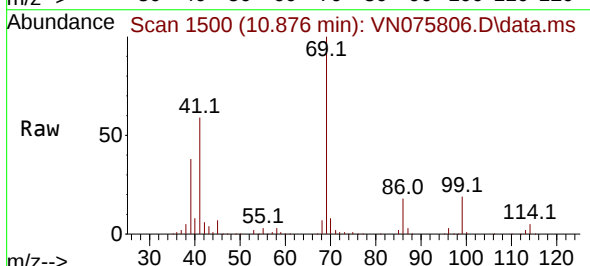
Ion	Ratio	Lower	Upper
97	100		
83	82.3	65.0	97.4
85	54.8	43.0	64.6
99	65.7	50.2	75.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

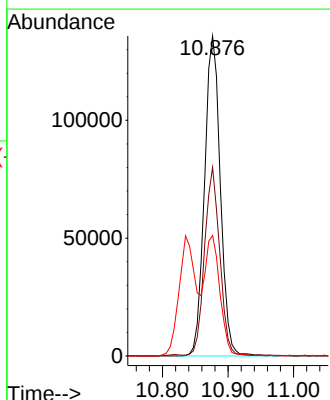
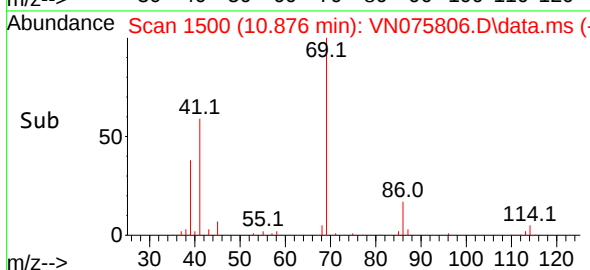


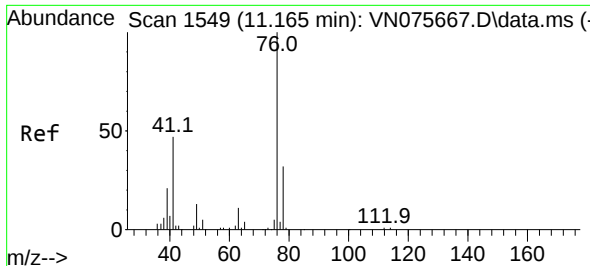
#56
Ethyl methacrylate
Concen: 54.829 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN075806.D
Acq: 15 Dec 2022 07:39



Tgt Ion: 69 Resp: 228215

Ion	Ratio	Lower	Upper
69	100		
41	56.0	44.2	66.4
39	35.1	26.4	39.6





#57

1,3-Dichloropropane

Concen: 51.214 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN075806.D

Acq: 15 Dec 2022 07:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 263240

Ion Ratio Lower Upper

76 100

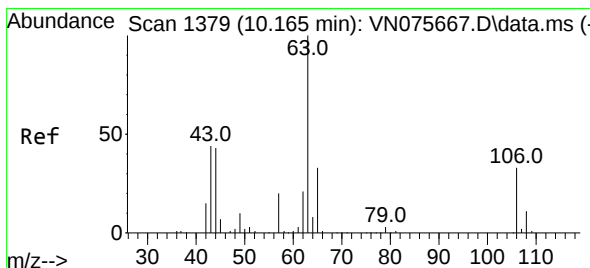
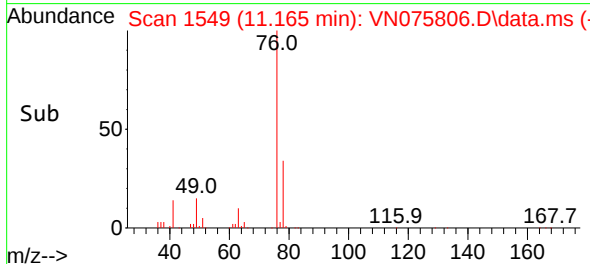
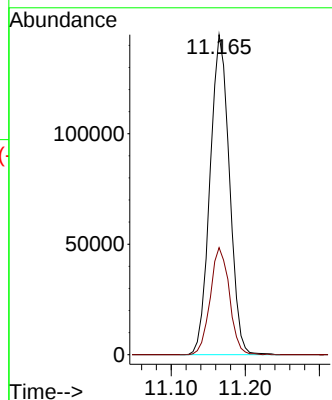
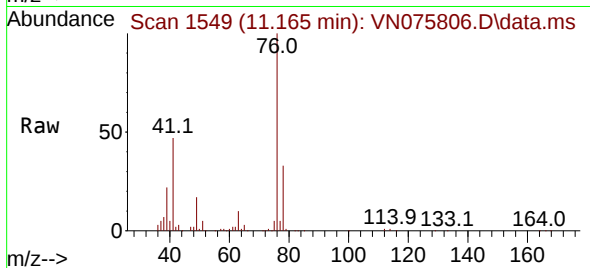
78 33.0 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#58

2-Chloroethyl Vinyl ether

Concen: 240.153 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN075806.D

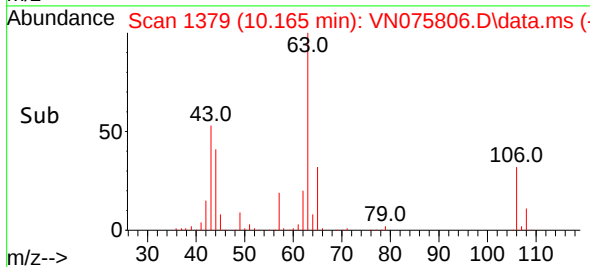
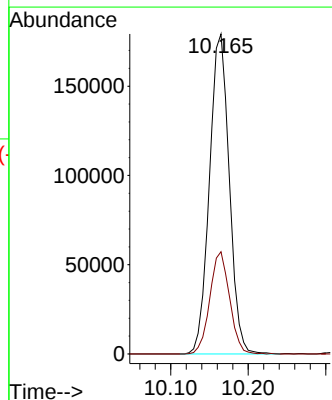
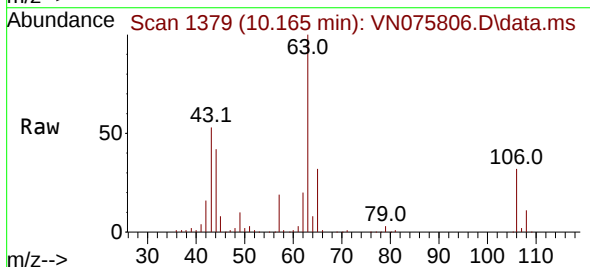
Acq: 15 Dec 2022 07:39

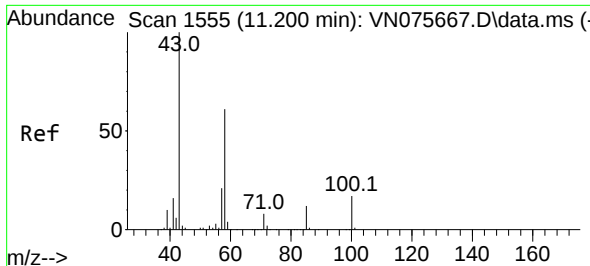
Tgt Ion: 63 Resp: 318249

Ion Ratio Lower Upper

63 100

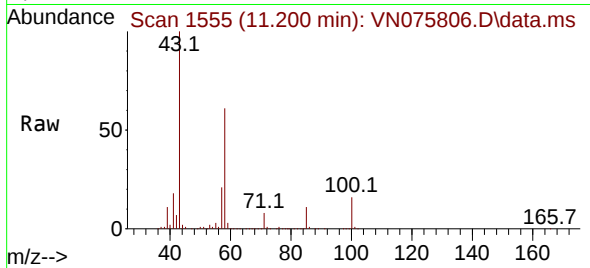
106 31.8 26.4 39.6





#59
2-Hexanone
Concen: 266.588 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN075806.D
Acq: 15 Dec 2022 07:39

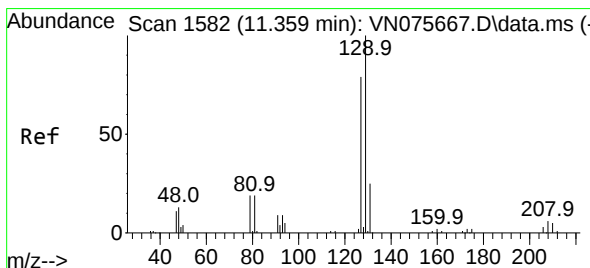
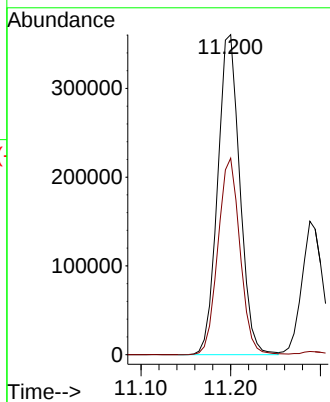
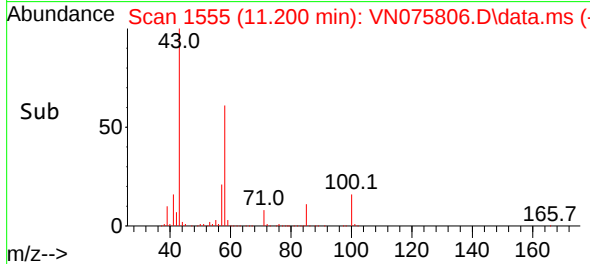
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 618958
Ion Ratio Lower Upper
43 100
58 61.1 30.6 92.0

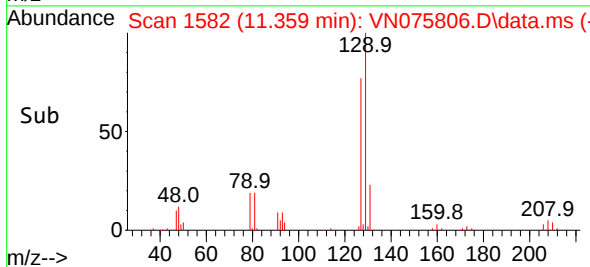
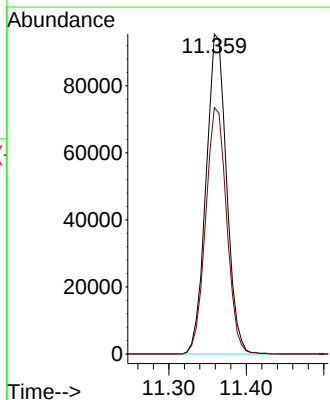
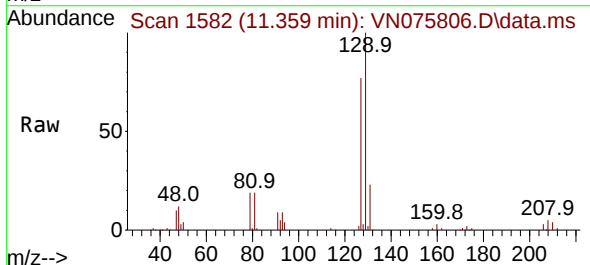
Manual Integrations
APPROVED

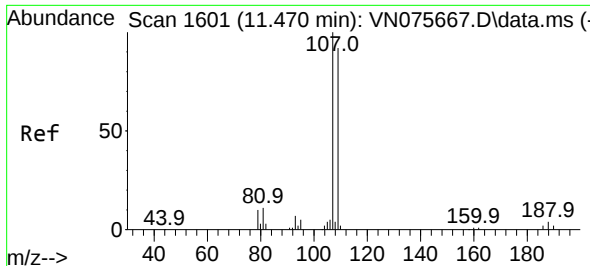
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#60
Dibromochloromethane
Concen: 50.249 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN075806.D
Acq: 15 Dec 2022 07:39

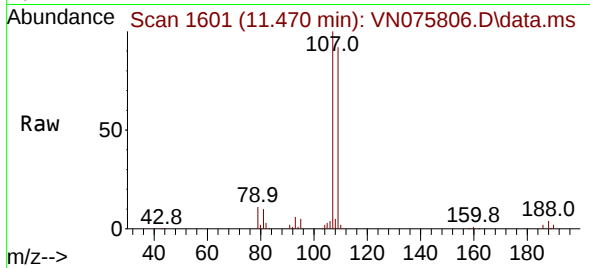
Tgt Ion:129 Resp: 175112
Ion Ratio Lower Upper
129 100
127 79.0 38.3 114.9





#61
1,2-Dibromoethane
Concen: 51.705 ug/l
RT: 11.470 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN075806.D
Acq: 15 Dec 2022 07:39

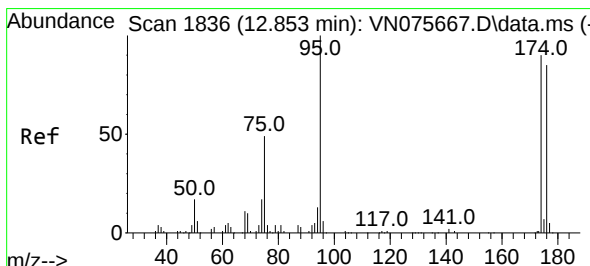
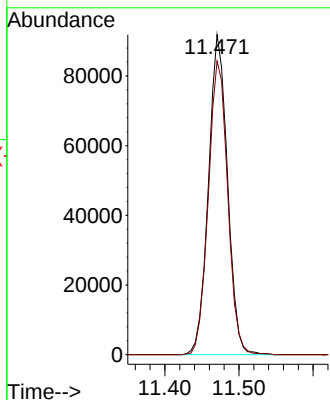
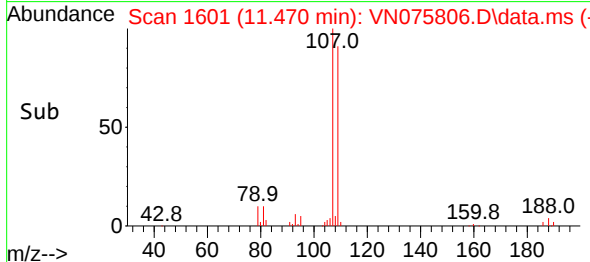
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



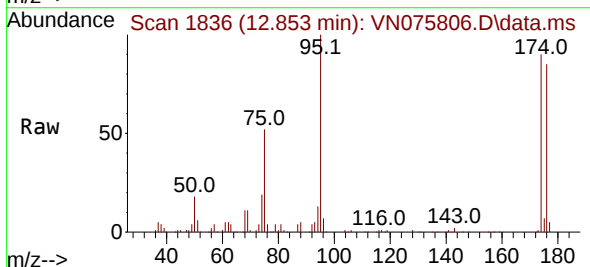
Tgt Ion:107 Resp: 163964
Ion Ratio Lower Upper
107 100
109 93.2 74.8 112.2

Manual Integrations
APPROVED

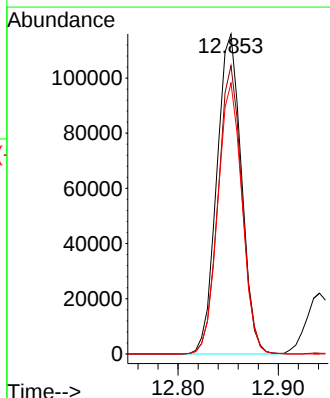
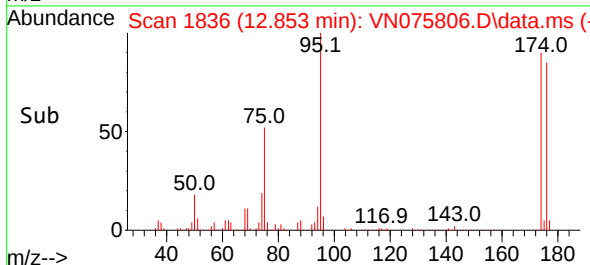
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

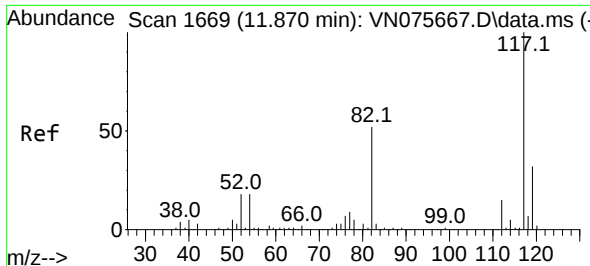


#62
4-Bromofluorobenzene
Concen: 53.452 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075806.D
Acq: 15 Dec 2022 07:39



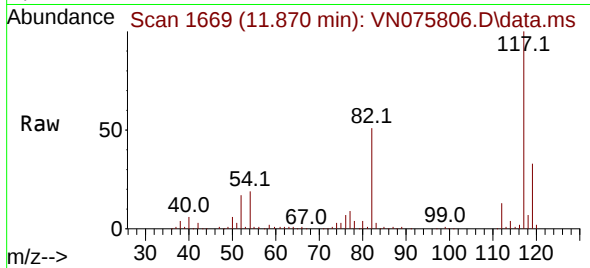
Tgt Ion: 95 Resp: 197977
Ion Ratio Lower Upper
95 100
174 87.3 0.0 171.6
176 83.2 0.0 169.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075806.D
Acq: 15 Dec 2022 07:39

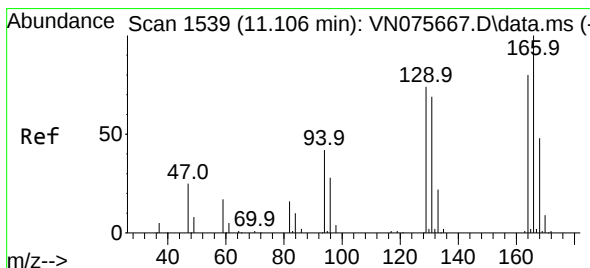
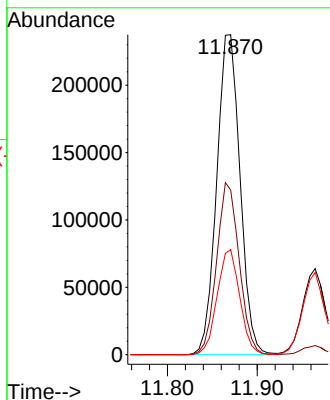
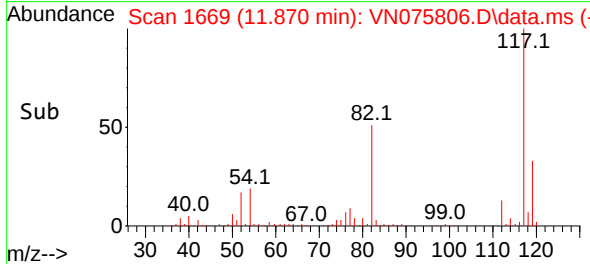
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



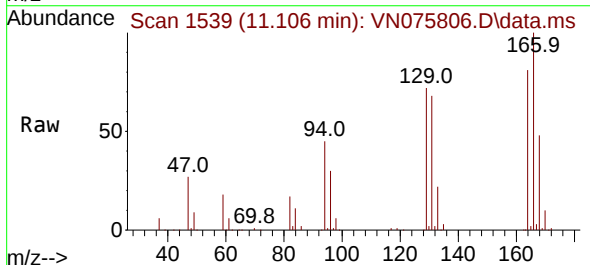
Tgt Ion:117 Resp: 430018
Ion Ratio Lower Upper
117 100
82 51.4 41.3 61.9
119 32.8 24.6 37.0

Manual Integrations
APPROVED

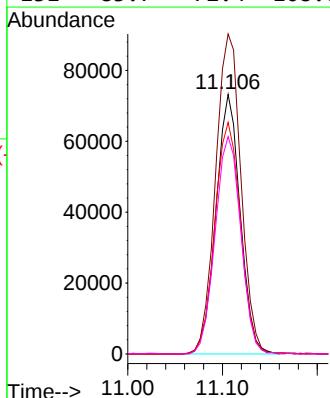
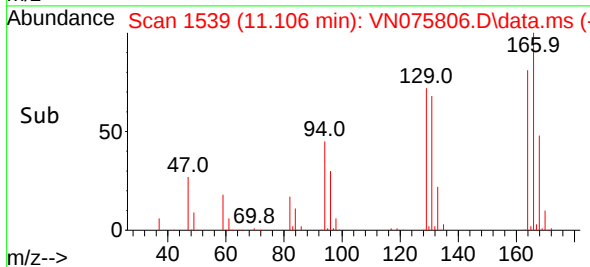
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

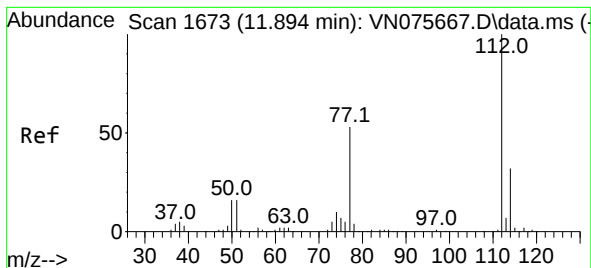


#64
Tetrachloroethene
Concen: 43.184 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN075806.D
Acq: 15 Dec 2022 07:39



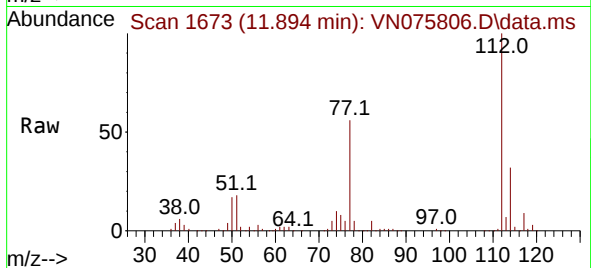
Tgt Ion:164 Resp: 130672
Ion Ratio Lower Upper
164 100
166 123.3 101.9 152.9
129 89.2 74.2 111.2
131 83.7 72.4 108.6





#65
Chlorobenzene
Concen: 48.081 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN075806.D
Acq: 15 Dec 2022 07:39

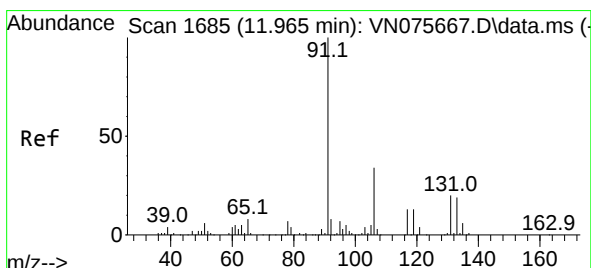
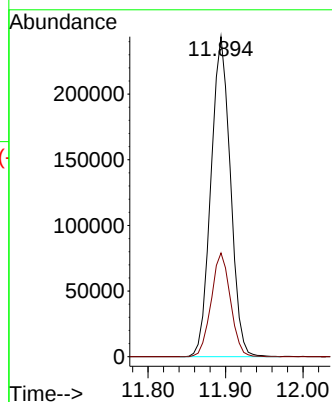
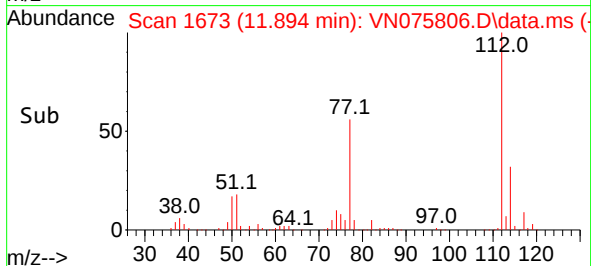
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



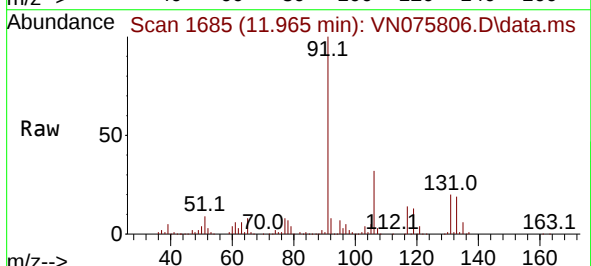
Tgt Ion:112 Resp: 42436
Ion Ratio Lower Upper
112 100
114 32.4 24.7 37.1

Manual Integrations
APPROVED

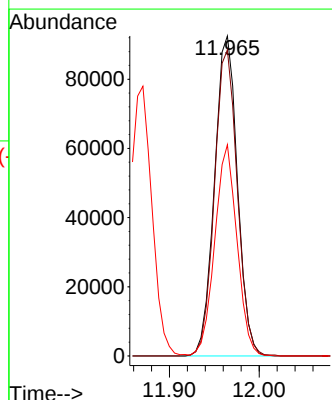
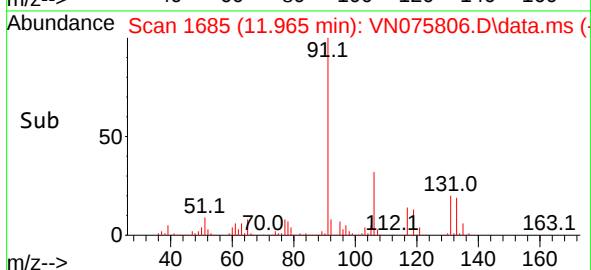
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

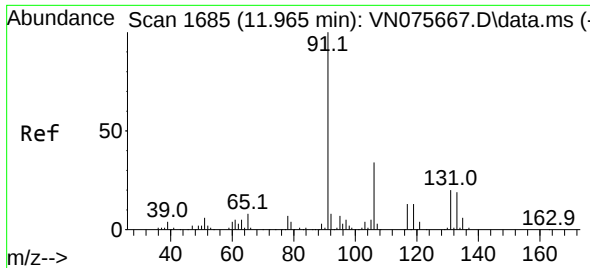


#66
1,1,1,2-Tetrachloroethane
Concen: 50.145 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075806.D
Acq: 15 Dec 2022 07:39



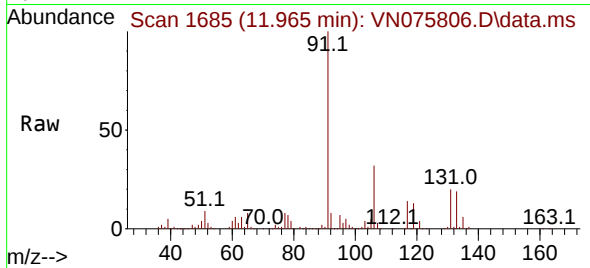
Tgt Ion:131 Resp: 163931
Ion Ratio Lower Upper
131 100
133 95.4 47.5 142.5
119 64.2 31.9 95.7





#67
Ethyl Benzene
Concen: 51.316 ug/l
RT: 11.965 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN075806.D
Acq: 15 Dec 2022 07:39

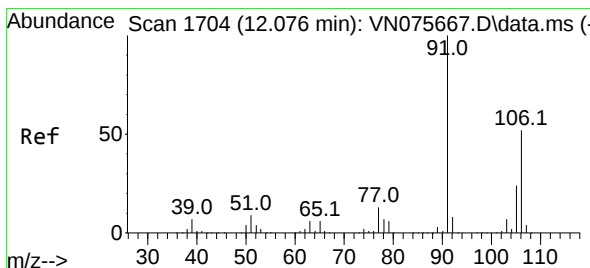
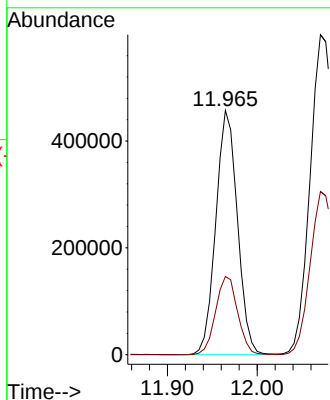
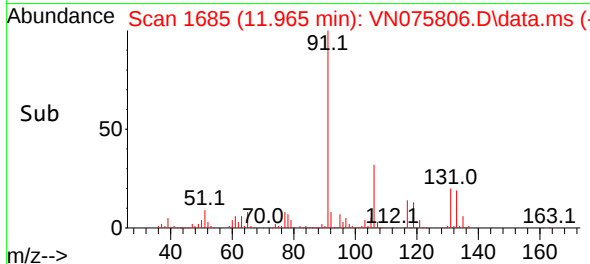
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



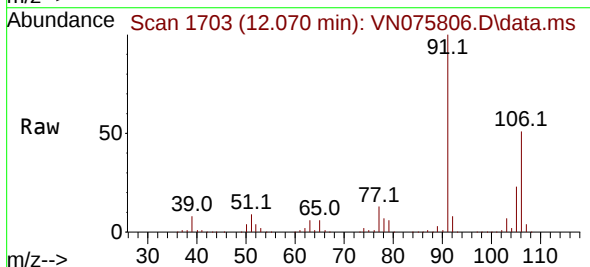
Tgt Ion: 91 Resp: 76440
Ion Ratio Lower Upper
91 100
106 32.0 25.7 38.5

Manual Integrations
APPROVED

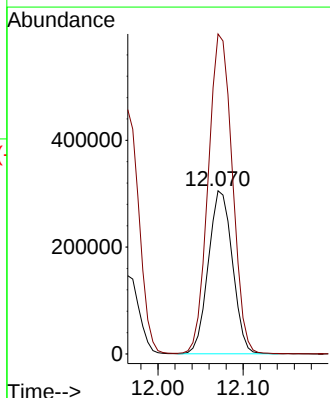
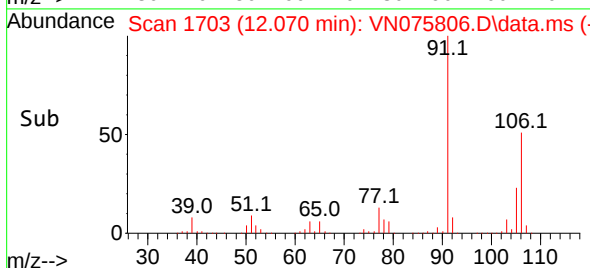
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

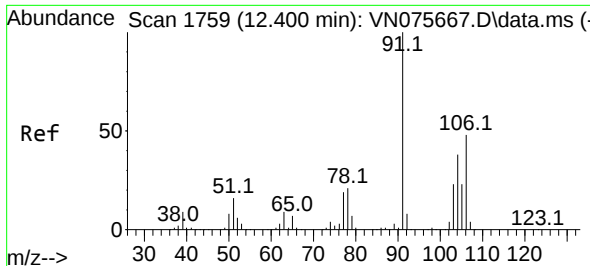


#68
m/p-Xylenes
Concen: 101.913 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN075806.D
Acq: 15 Dec 2022 07:39



Tgt Ion:106 Resp: 600866
Ion Ratio Lower Upper
106 100
91 197.0 156.6 235.0





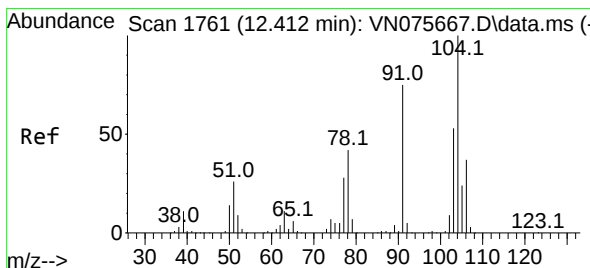
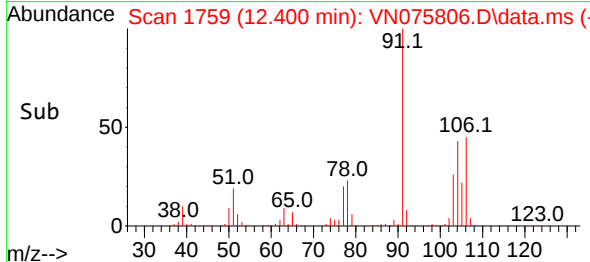
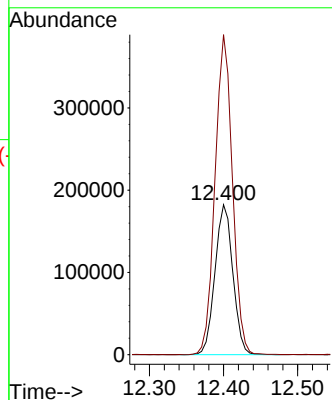
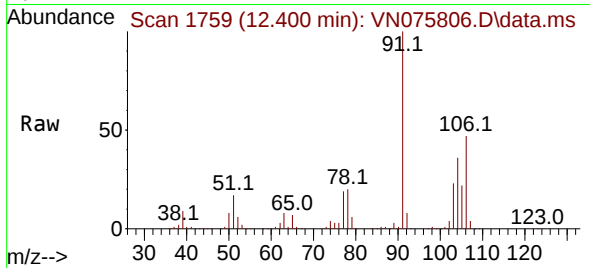
#69
o-Xylene
Concen: 52.300 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075806.D
Acq: 15 Dec 2022 07:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 30514
Ion Ratio Lower Upper
106 100
91 207.8 103.8 311.6

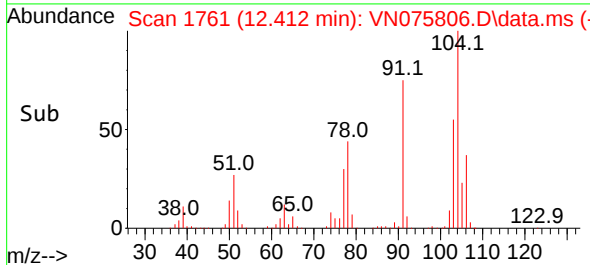
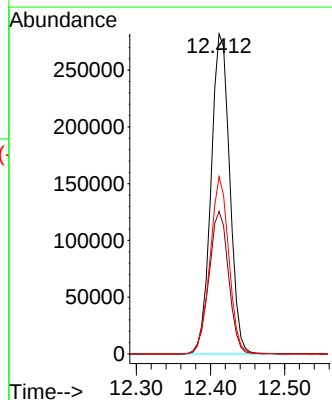
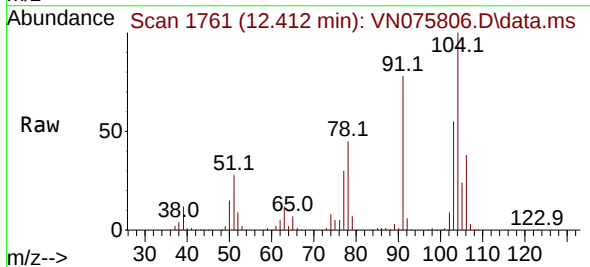
Manual Integrations
APPROVED

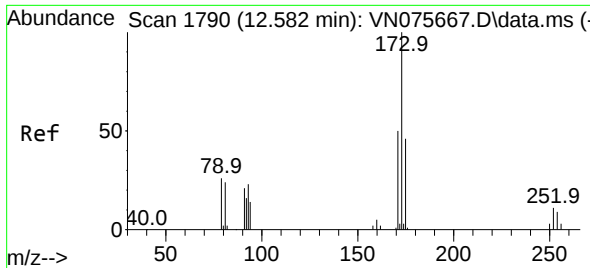
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#70
Styrene
Concen: 53.130 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075806.D
Acq: 15 Dec 2022 07:39

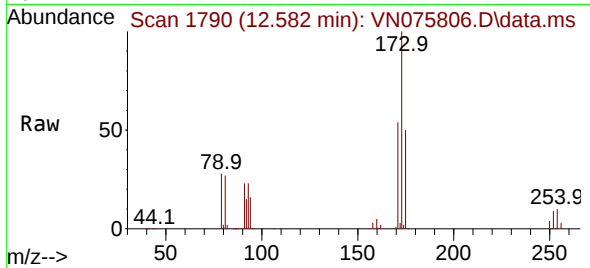
Tgt Ion:104 Resp: 492890
Ion Ratio Lower Upper
104 100
78 46.9 37.5 56.3
103 55.9 43.5 65.3





#71
Bromoform
Concen: 53.781 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VN075806.D
Acq: 15 Dec 2022 07:39

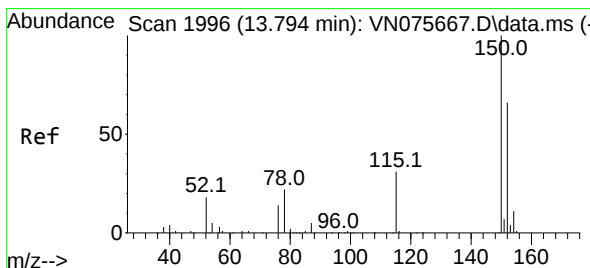
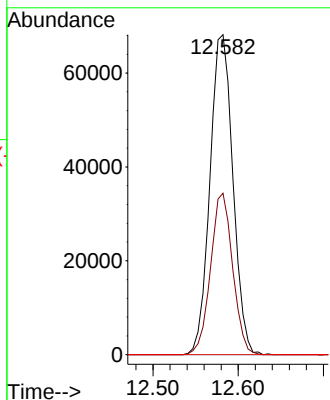
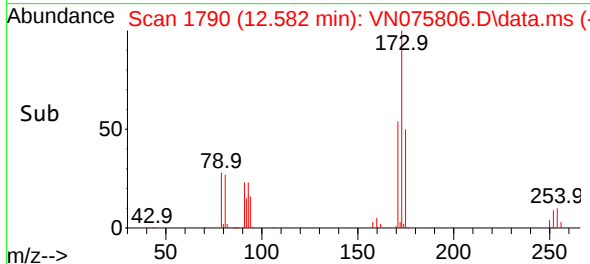
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



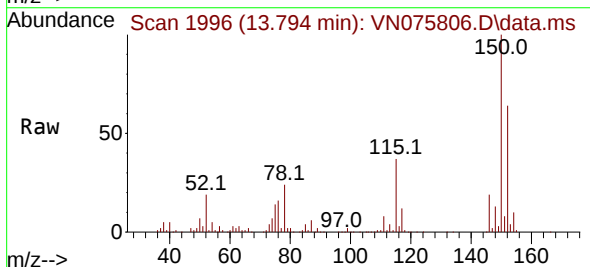
Tgt Ion:173 Resp: 127934
Ion Ratio Lower Upper
173 100
175 48.5 24.3 72.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

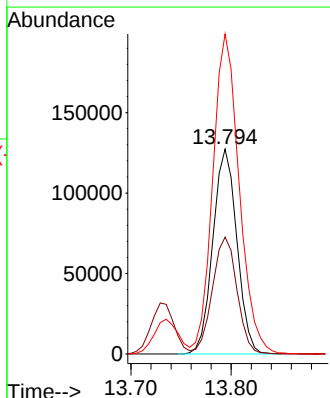
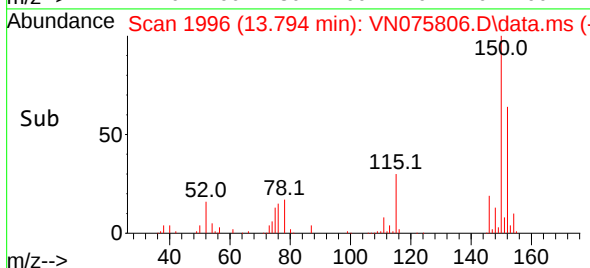
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

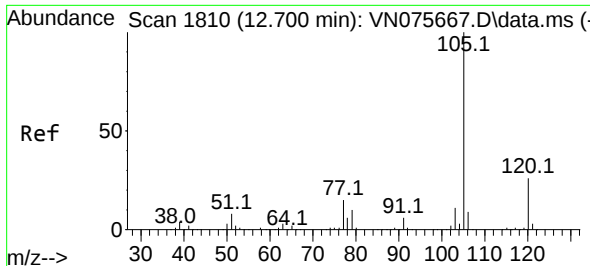


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075806.D
Acq: 15 Dec 2022 07:39



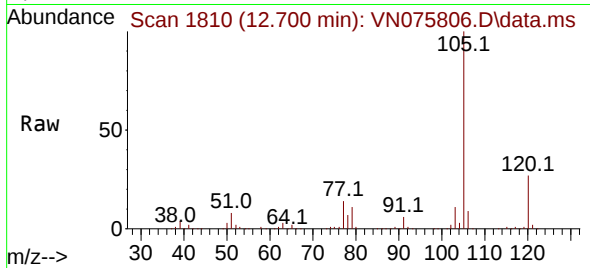
Tgt Ion:152 Resp: 211559
Ion Ratio Lower Upper
152 100
115 58.6 29.1 87.4
150 171.9 0.0 347.0





#73
Isopropylbenzene
Concen: 49.747 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VN075806.D
Acq: 15 Dec 2022 07:39

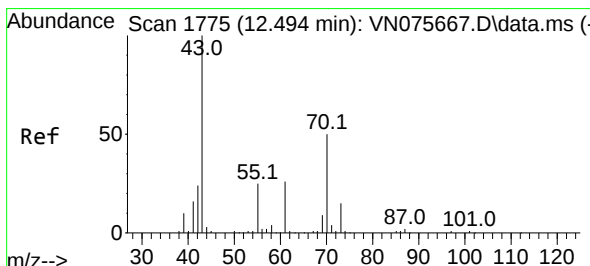
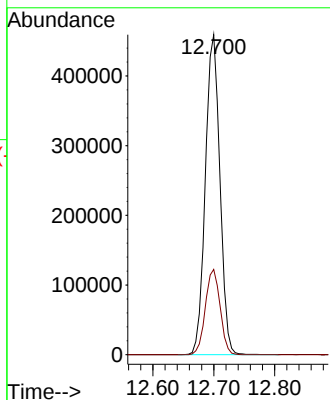
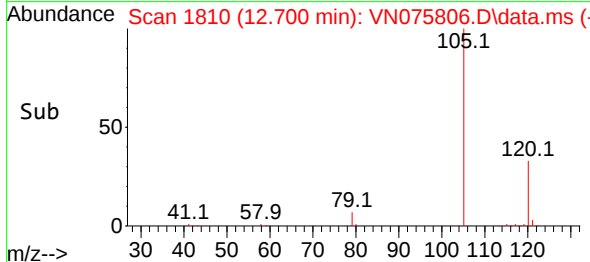
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



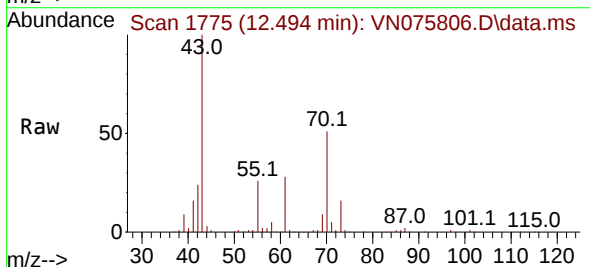
Tgt Ion:105 Resp: 760540
Ion Ratio Lower Upper
105 100
120 27.0 13.4 40.2

Manual Integrations
APPROVED

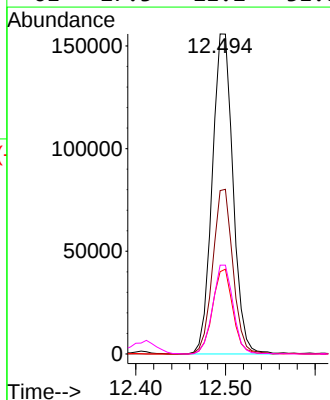
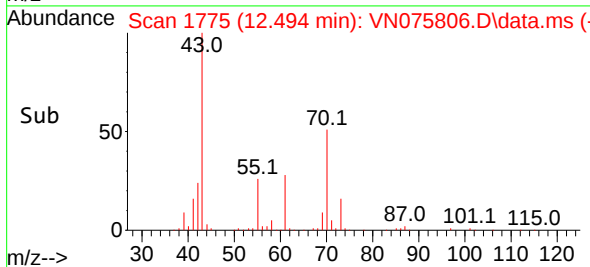
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

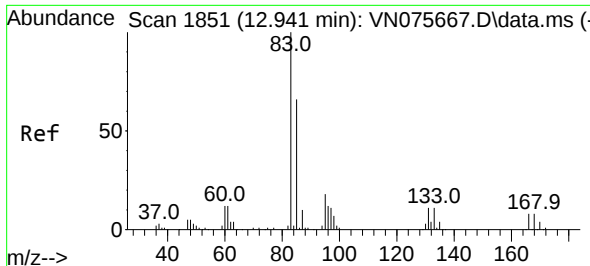


#74
N-ethyl acetate
Concen: 55.794 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN075806.D
Acq: 15 Dec 2022 07:39



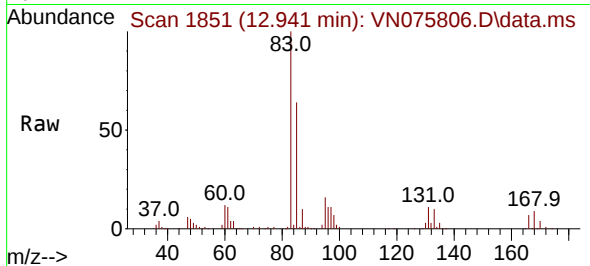
Tgt Ion: 43 Resp: 250238
Ion Ratio Lower Upper
43 100
70 50.3 41.4 62.0
55 25.8 21.3 31.9
61 27.3 21.2 31.8





#75
1,1,2,2-Tetrachloroethane
Concen: 48.489 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN075806.D
Acq: 15 Dec 2022 07:39

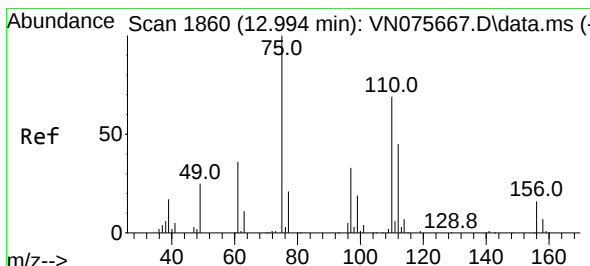
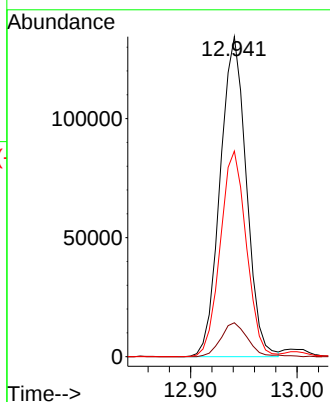
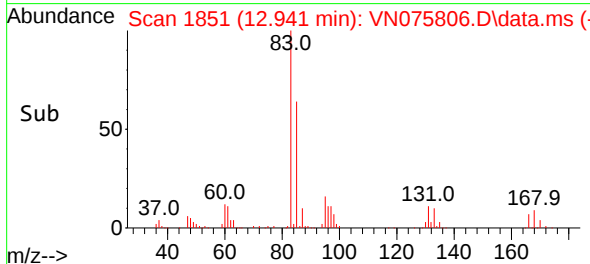
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



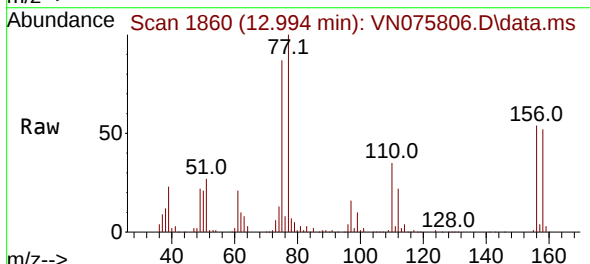
Tgt Ion: 83 Resp: 22916
Ion Ratio Lower Upper
83 100
131 11.0 5.6 16.8
85 64.1 32.6 98.0

Manual Integrations
APPROVED

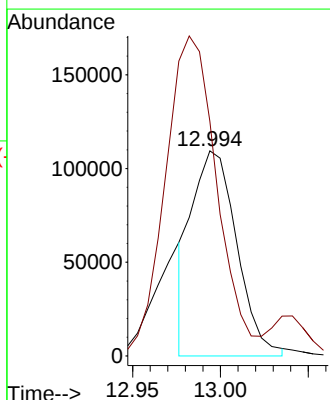
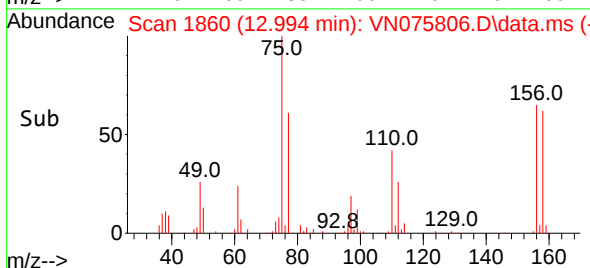
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

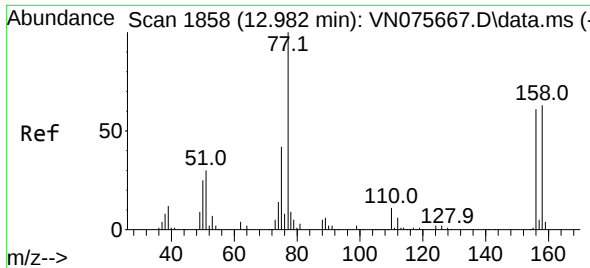


#76
1,2,3-Trichloropropane
Concen: 45.770 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN075806.D
Acq: 15 Dec 2022 07:39



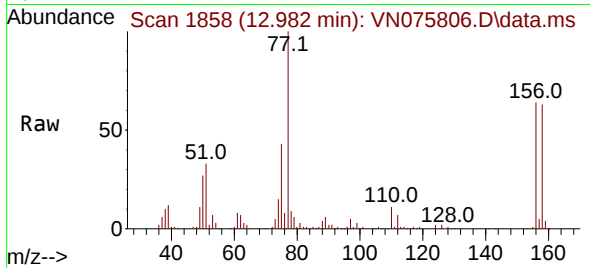
Tgt Ion: 75 Resp: 195186
Ion Ratio Lower Upper
75 100
77 179.8 82.6 247.8





#77
Bromobenzene
Concen: 49.104 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN075806.D
Acq: 15 Dec 2022 07:39

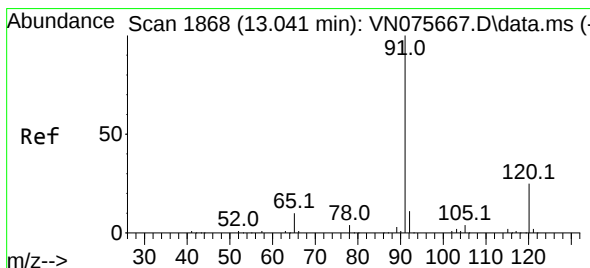
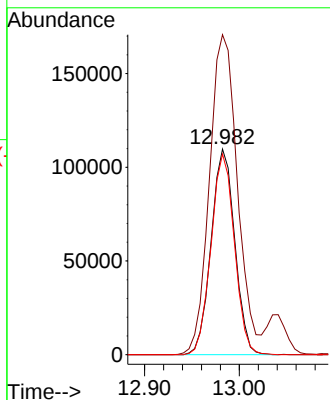
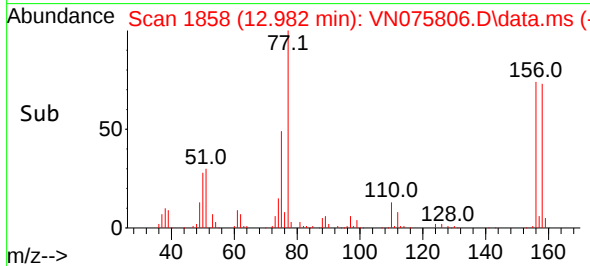
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



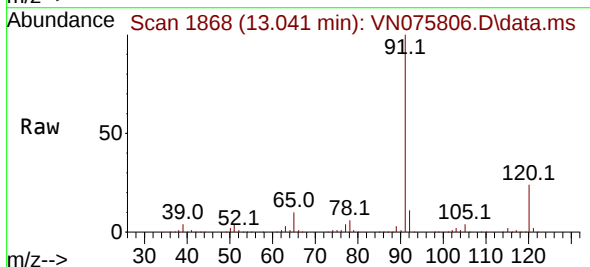
Tgt Ion:156 Resp: 18998
Ion Ratio Lower Upper
156 100
77 184.8 93.8 281.3
158 96.6 48.9 146.6

Manual Integrations
APPROVED

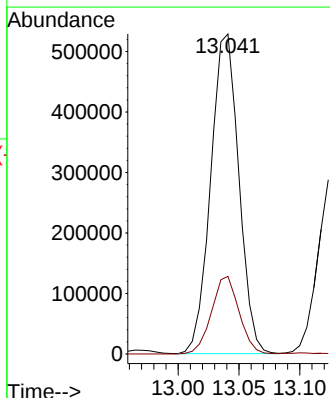
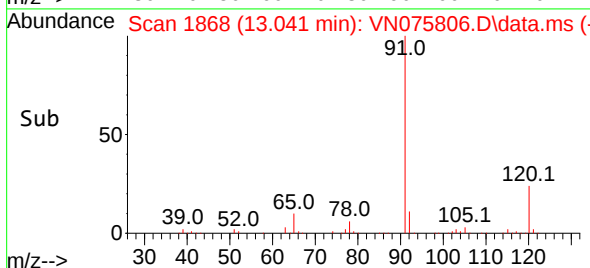
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

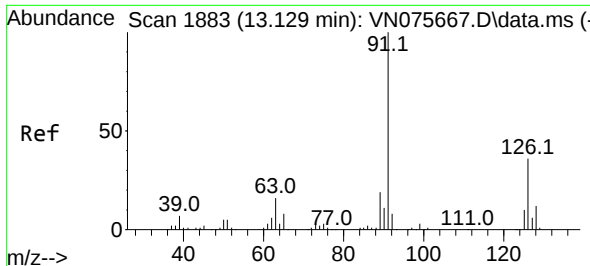


#78
n-propylbenzene
Concen: 50.478 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN075806.D
Acq: 15 Dec 2022 07:39



Tgt Ion: 91 Resp: 851154
Ion Ratio Lower Upper
91 100
120 23.8 12.0 36.1





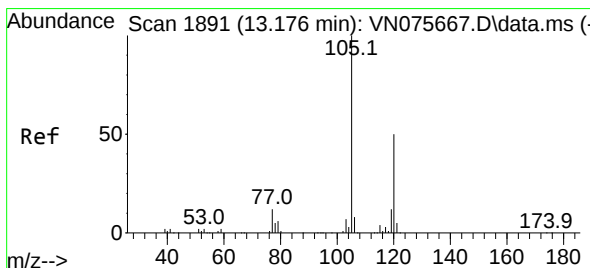
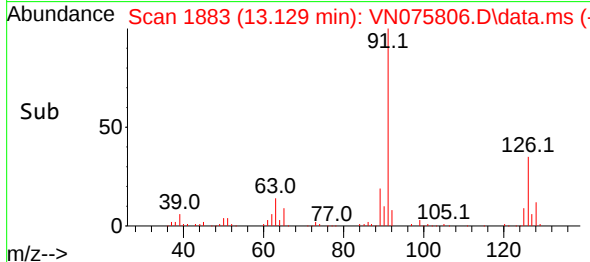
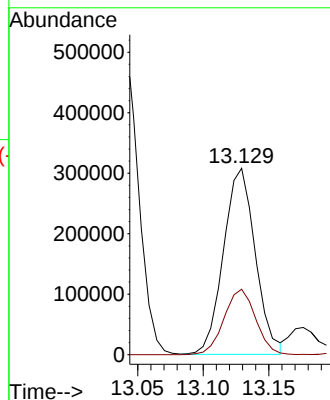
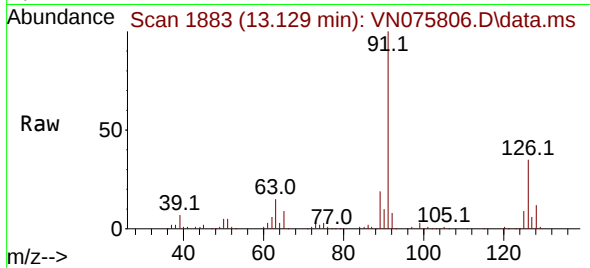
#79
2-Chlorotoluene
Concen: 49.395 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN075806.D
Acq: 15 Dec 2022 07:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 519910
Ion Ratio Lower Upper
91 100
126 34.9 17.5 52.5

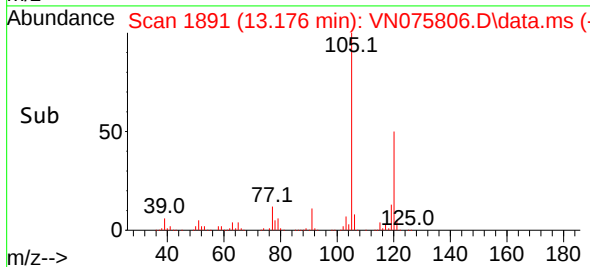
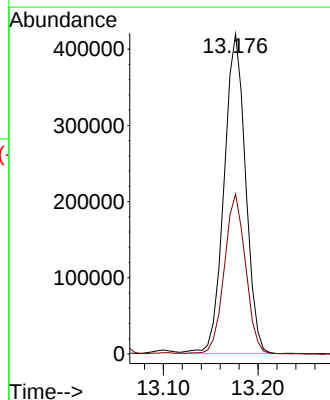
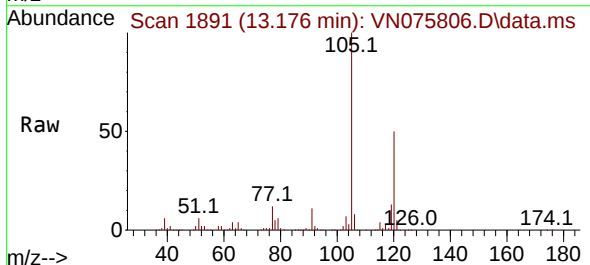
Manual Integrations
APPROVED

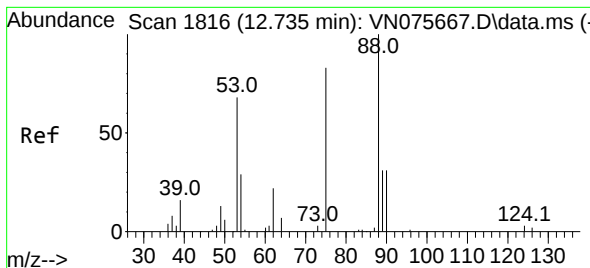
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#80
1,3,5-Trimethylbenzene
Concen: 51.600 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. -0.000 min
Lab File: VN075806.D
Acq: 15 Dec 2022 07:39

Tgt Ion:105 Resp: 660248
Ion Ratio Lower Upper
105 100
120 49.6 24.7 74.1





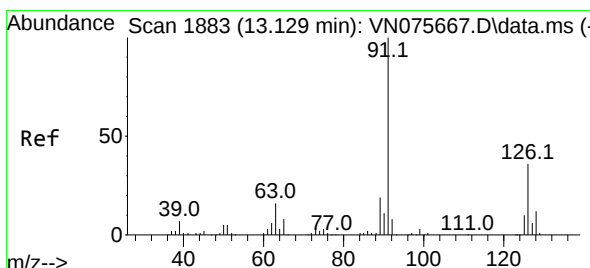
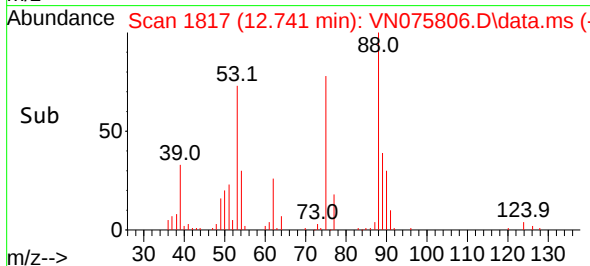
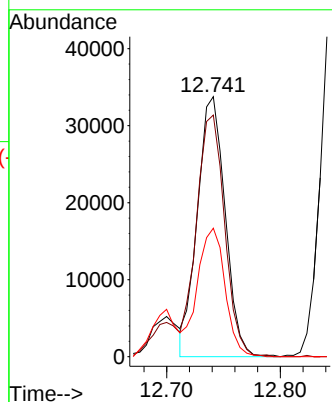
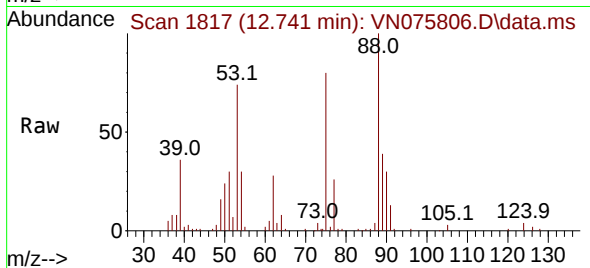
#81
trans-1,4-Dichloro-2-butene
Concen: 48.354 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. -0.000 min
Lab File: VN075806.D
Acq: 15 Dec 2022 07:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 5728
Ion Ratio Lower Upper
75 100
53 107.5 73.8 110.6
89 49.6 39.5 59.3

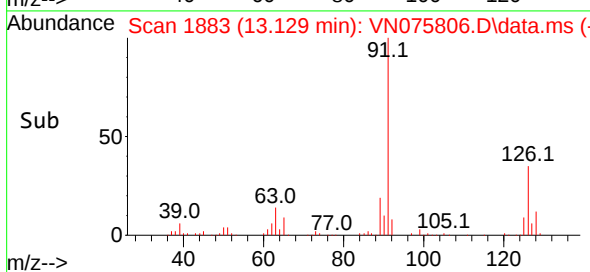
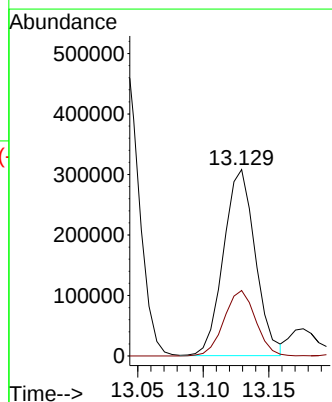
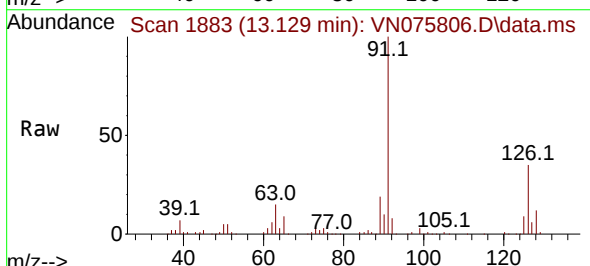
Manual Integrations
APPROVED

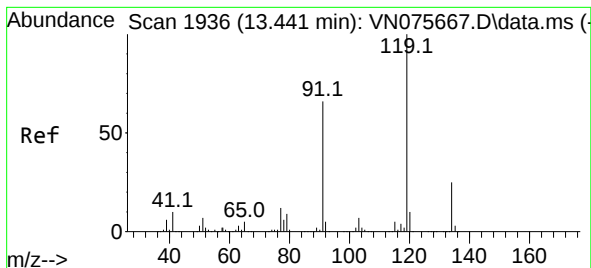
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#82
4-Chlorotoluene
Concen: 49.395 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN075806.D
Acq: 15 Dec 2022 07:39

Tgt Ion: 91 Resp: 519916
Ion Ratio Lower Upper
91 100
126 34.9 17.5 52.5





#83

tert-Butylbenzene

Concen: 49.884 ug/l

RT: 13.441 min Scan# 1936

Delta R.T. -0.000 min

Lab File: VN075806.D

Acq: 15 Dec 2022 07:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:119 Resp: 56276

Ion Ratio Lower Upper

119 100

91 64.9 31.9 95.5

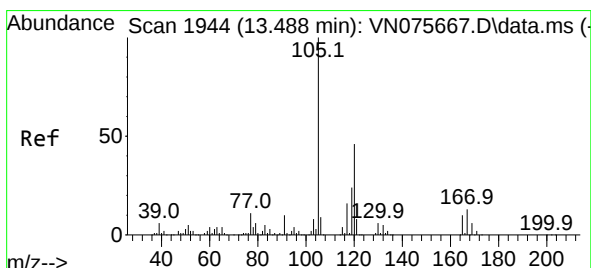
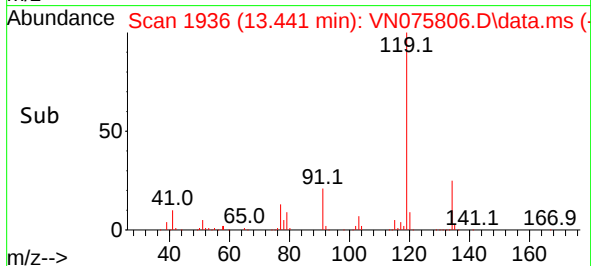
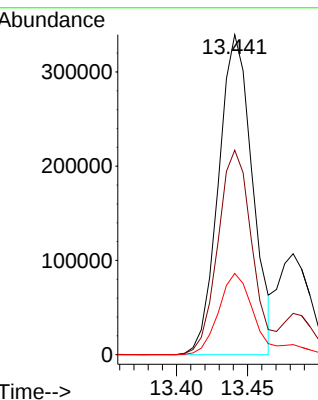
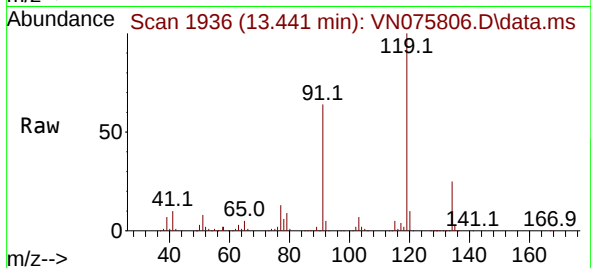
134 27.9 13.8 41.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#84

1,2,4-Trimethylbenzene

Concen: 53.140 ug/l

RT: 13.482 min Scan# 1943

Delta R.T. -0.000 min

Lab File: VN075806.D

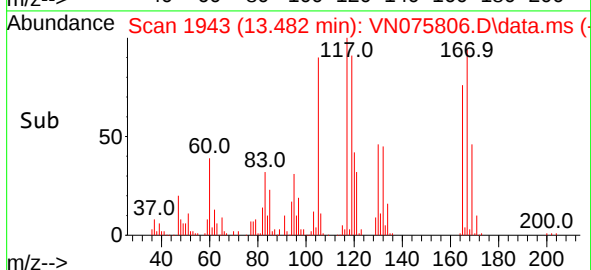
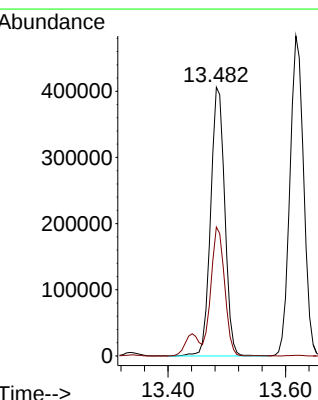
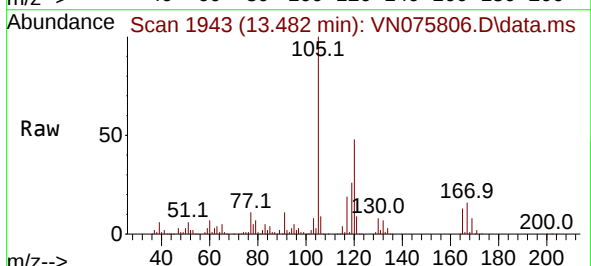
Acq: 15 Dec 2022 07:39

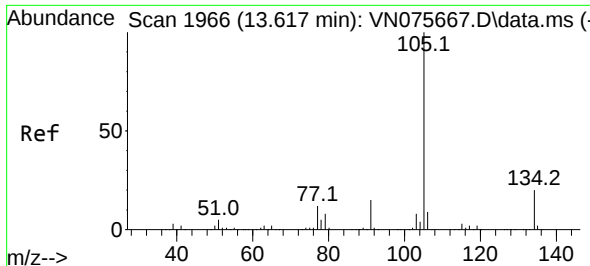
Tgt Ion:105 Resp: 674539

Ion Ratio Lower Upper

105 100

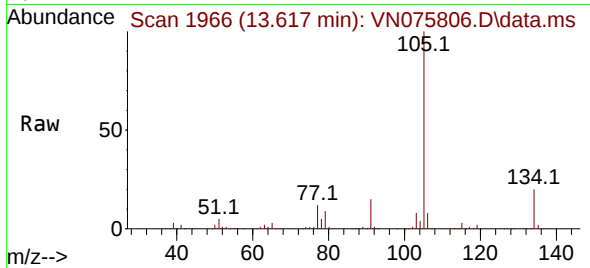
120 46.1 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 50.220 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN075806.D
 Acq: 15 Dec 2022 07:39

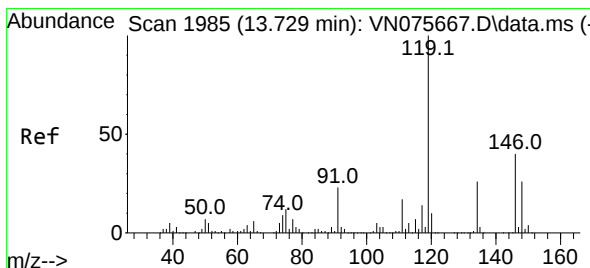
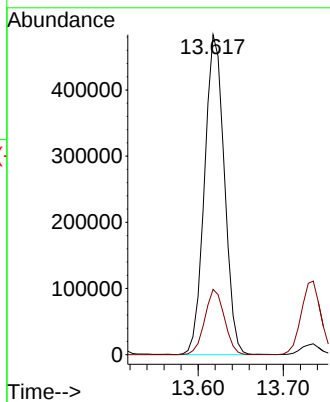
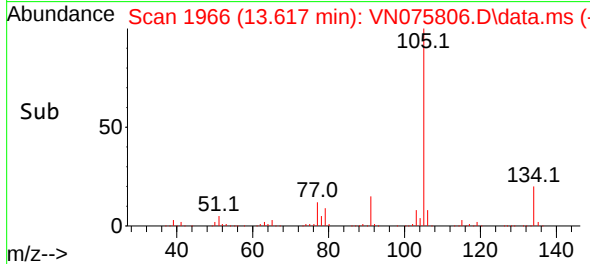
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



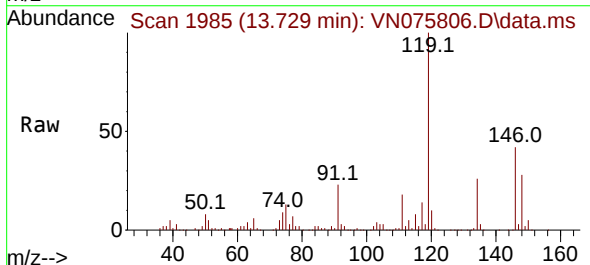
Tgt Ion:105 Resp: 781970
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.1 30.1

Manual Integrations
 APPROVED

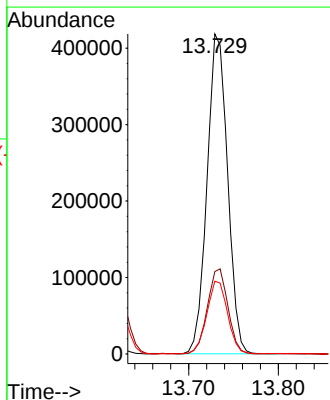
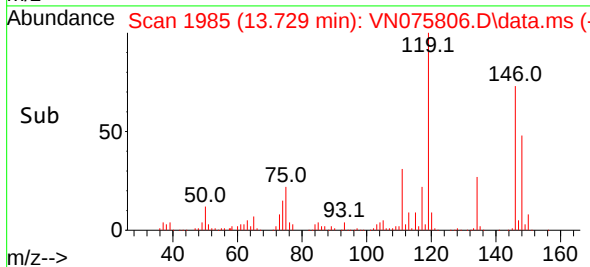
Reviewed By :John Carlone 12/15/2022
 Supervised By :Mahesh Dadoda 12/15/2022

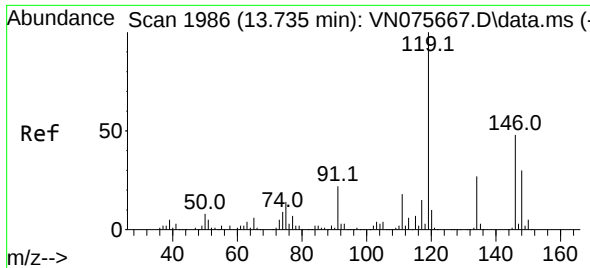


#86
 p-Isopropyltoluene
 Concen: 51.339 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.000 min
 Lab File: VN075806.D
 Acq: 15 Dec 2022 07:39



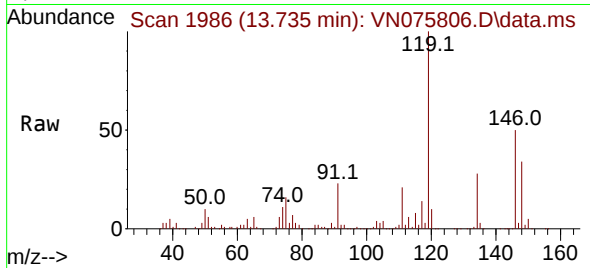
Tgt Ion:119 Resp: 665172
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.0 39.0
 91 23.0 11.2 33.6





#87
 1,3-Dichlorobenzene
 Concen: 48.482 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN075806.D
 Acq: 15 Dec 2022 07:39

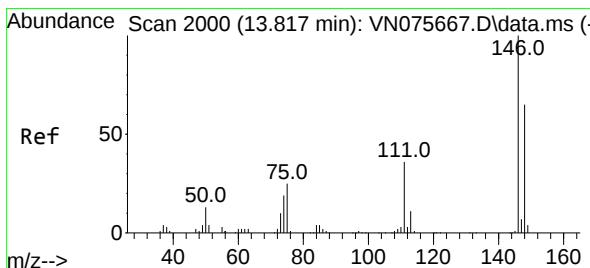
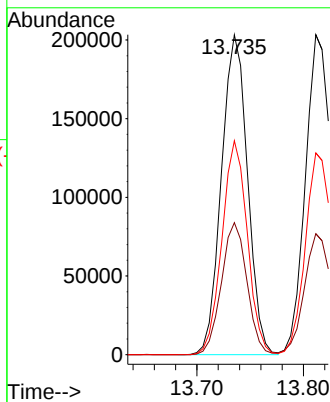
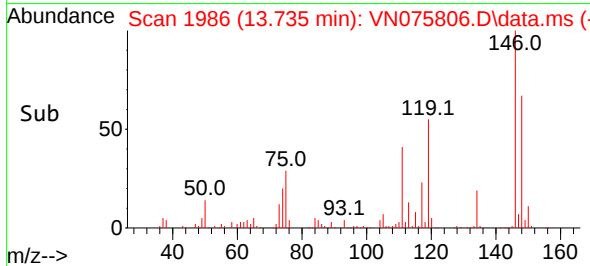
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



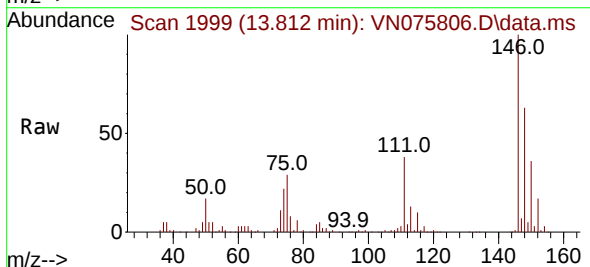
Tgt Ion:146 Resp: 346490
 Ion Ratio Lower Upper
 146 100
 111 40.4 19.7 59.0
 148 65.0 31.4 94.2

Manual Integrations
 APPROVED

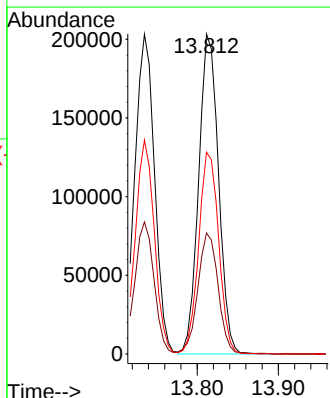
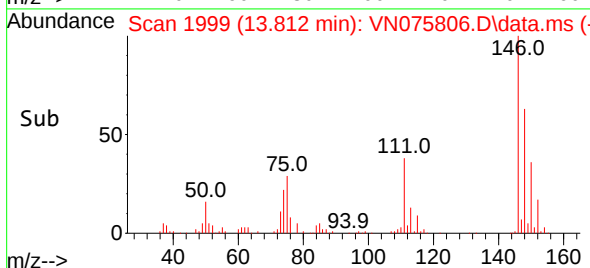
Reviewed By :John Carlone 12/15/2022
 Supervised By :Mahesh Dadoda 12/15/2022

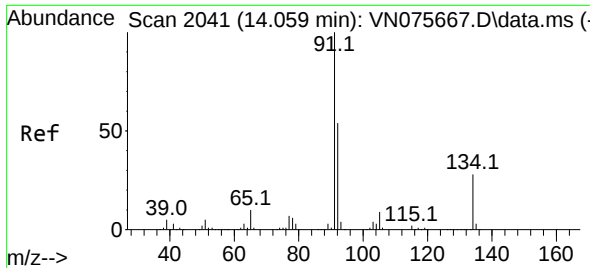


#88
 1,4-Dichlorobenzene
 Concen: 47.368 ug/l
 RT: 13.812 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VN075806.D
 Acq: 15 Dec 2022 07:39



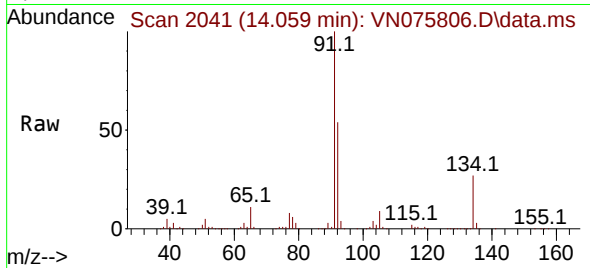
Tgt Ion:146 Resp: 345838
 Ion Ratio Lower Upper
 146 100
 111 38.3 19.1 57.1
 148 63.6 32.0 96.2





#89
n-Butylbenzene
Concen: 48.991 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075806.D
Acq: 15 Dec 2022 07:39

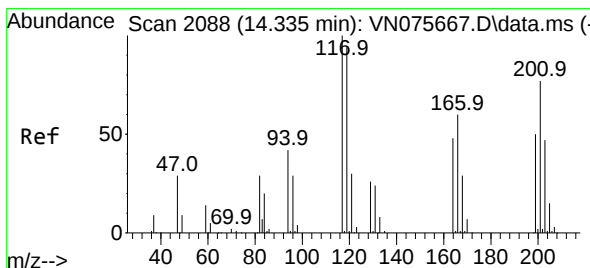
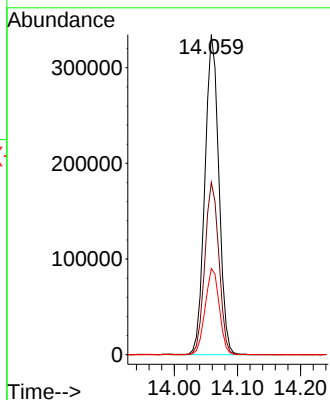
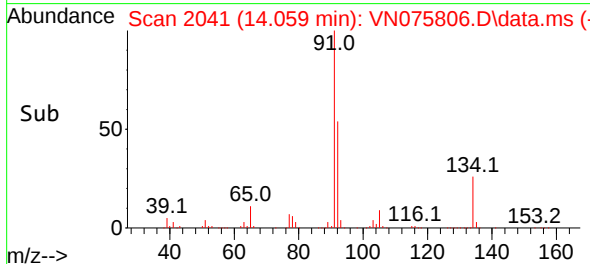
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 514238
Ion Ratio Lower Upper
91 100
92 54.1 26.4 79.2
134 27.2 13.4 40.2

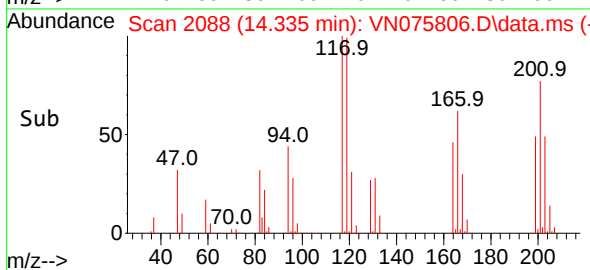
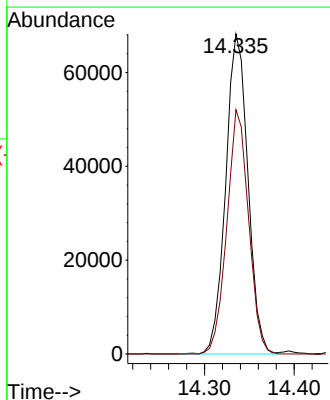
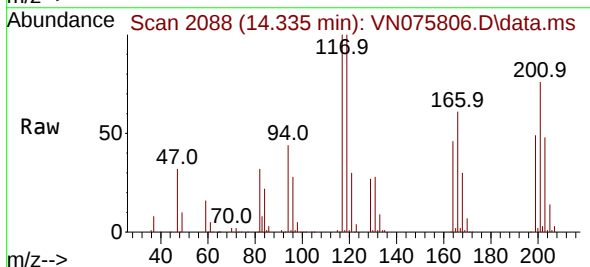
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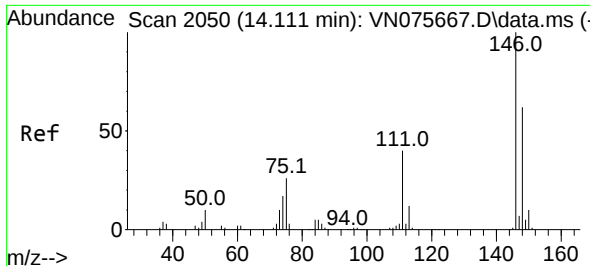
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#90
Hexachloroethane
Concen: 50.616 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VN075806.D
Acq: 15 Dec 2022 07:39

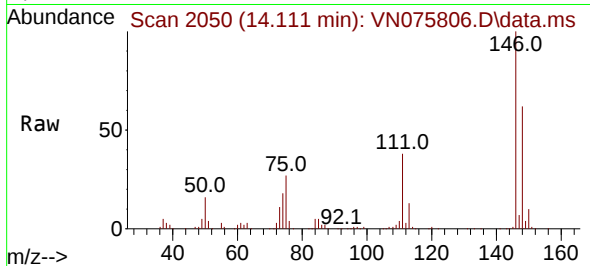
Tgt Ion:117 Resp: 117311
Ion Ratio Lower Upper
117 100
201 74.4 38.0 114.1





#91
1,2-Dichlorobenzene
Concen: 49.860 ug/l
RT: 14.111 min Scan# 2050
Delta R.T. 0.006 min
Lab File: VN075806.D
Acq: 15 Dec 2022 07:39

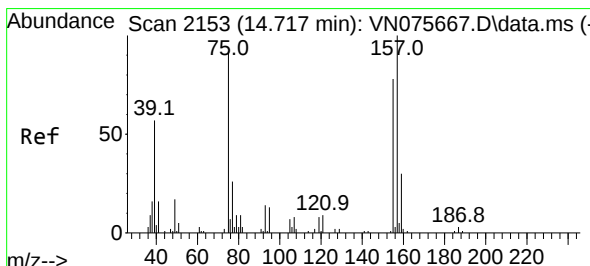
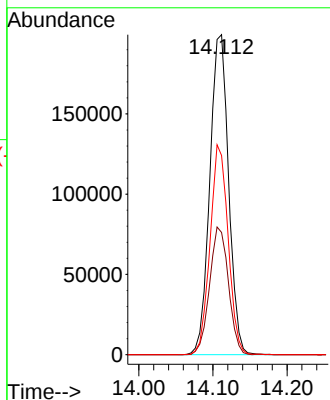
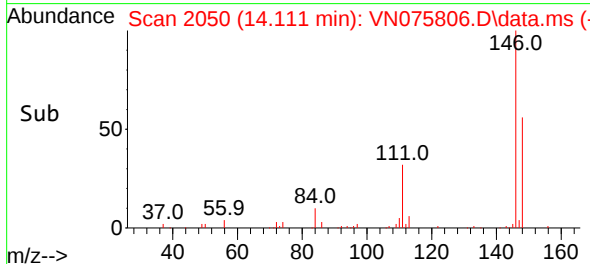
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 351002
Ion Ratio Lower Upper
146 100
111 40.2 20.3 61.0
148 63.2 31.7 95.1

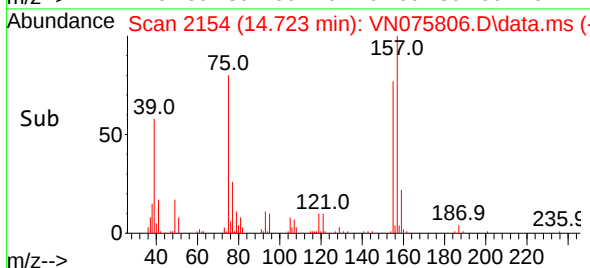
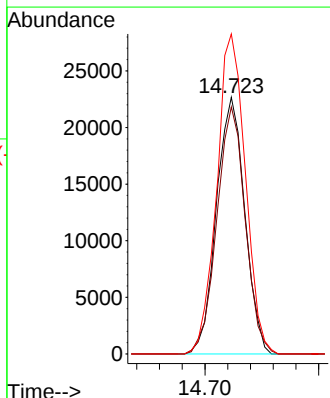
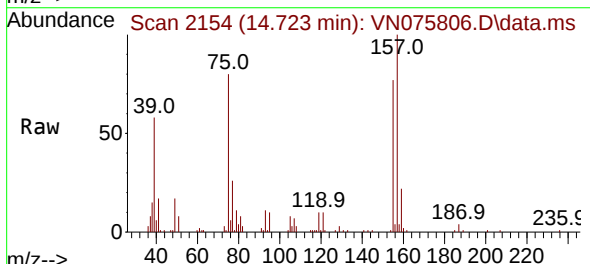
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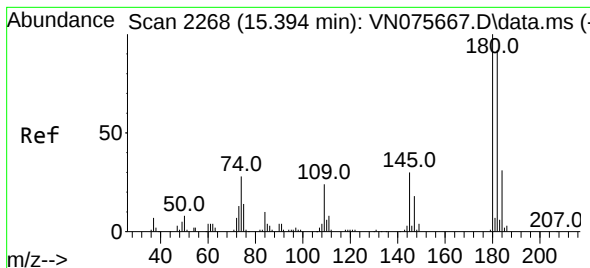
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.884 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. -0.000 min
Lab File: VN075806.D
Acq: 15 Dec 2022 07:39

Tgt Ion: 75 Resp: 39318
Ion Ratio Lower Upper
75 100
155 95.9 49.3 147.8
157 125.6 63.7 191.3





#93

1,2,4-Trichlorobenzene

Concen: 48.829 ug/l

RT: 15.394 min Scan# 2268

Delta R.T. -0.000 min

Lab File: VN075806.D

Acq: 15 Dec 2022 07:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 170180

Ion Ratio Lower Upper

180 100

182 95.3 47.5 142.5

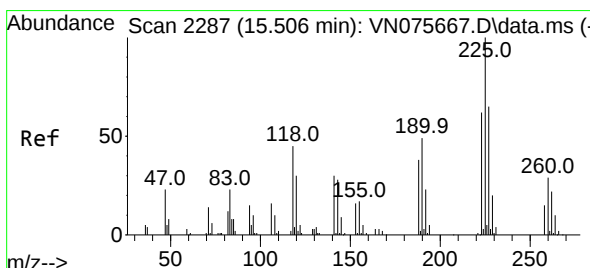
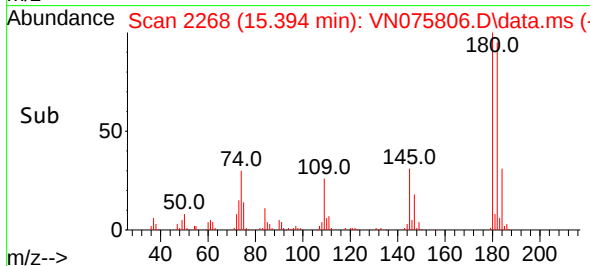
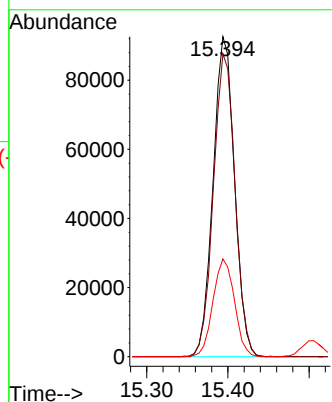
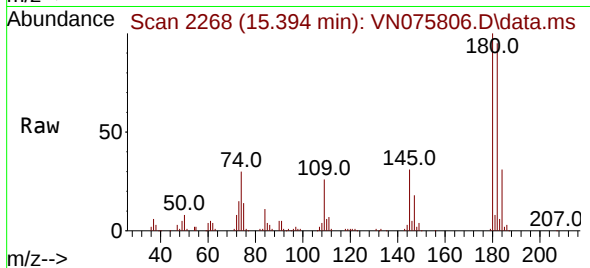
145 30.5 15.3 45.8

Manual Integrations

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Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#94

Hexachlorobutadiene

Concen: 42.663 ug/l

RT: 15.506 min Scan# 2287

Delta R.T. -0.000 min

Lab File: VN075806.D

Acq: 15 Dec 2022 07:39

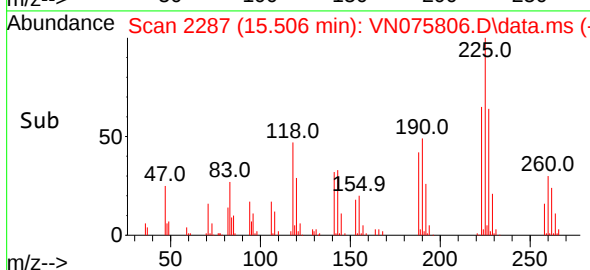
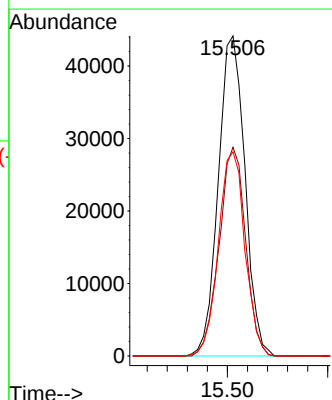
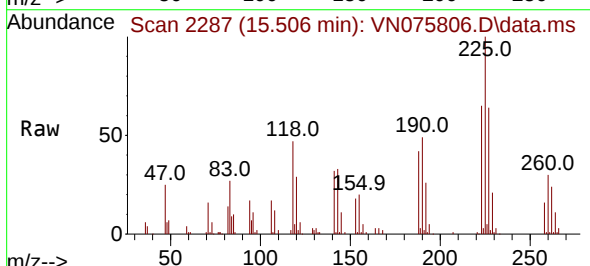
Tgt Ion:225 Resp: 81122

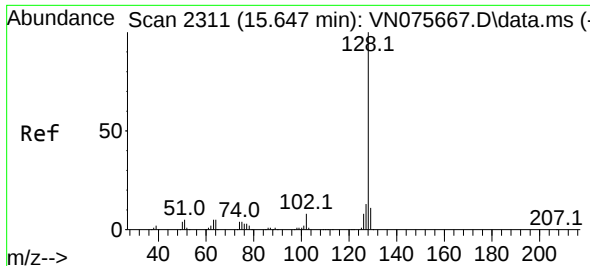
Ion Ratio Lower Upper

225 100

223 64.7 31.5 94.5

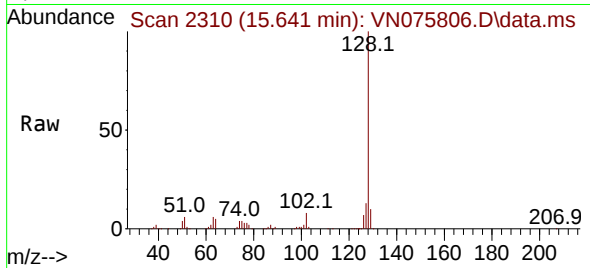
227 63.7 31.6 95.0





#95
Naphthalene
Concen: 48.881 ug/l
RT: 15.641 min Scan# 2311
Delta R.T. -0.000 min
Lab File: VN075806.D
Acq: 15 Dec 2022 07:39

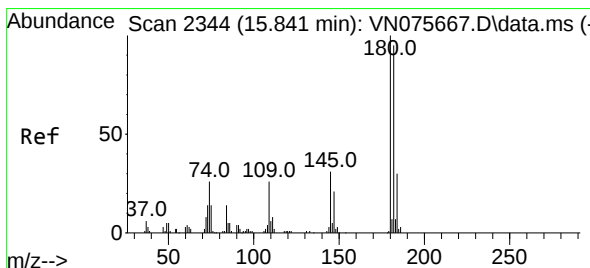
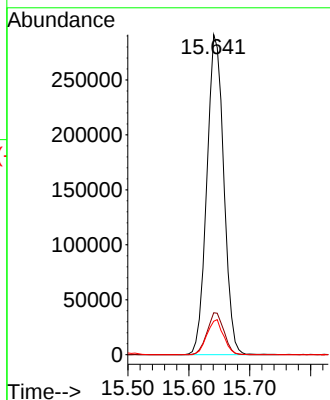
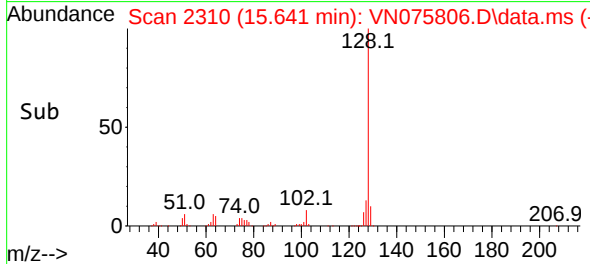
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 56221
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#96
1,2,3-Trichlorobenzene
Concen: 51.200 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN075806.D
Acq: 15 Dec 2022 07:39

Tgt Ion:180 Resp: 166782
Ion Ratio Lower Upper
180 100
182 95.1 47.0 141.0
145 30.8 16.0 47.9

