

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122022\
 Data File : VN075906.D
 Acq On : 20 Dec 2022 18:10
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/21/2022
 Supervised By : Mahesh Dadoda 12/21/2022

Quant Time: Dec 21 01:29:40 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	349475	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	553354	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	496458	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	252978	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	198159	52.120	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.240%			
35) Dibromofluoromethane	8.171	113	184919	53.962	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.920%			
50) Toluene-d8	10.571	98	690645	53.904	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.800%			
62) 4-Bromofluorobenzene	12.853	95	238951	56.308	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 112.620%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	109907	44.293	ug/l	100
3) Chloromethane	2.377	50	127275	41.249	ug/l	99
4) Vinyl Chloride	2.530	62	156534	42.529	ug/l	97
5) Bromomethane	2.947	94	132919	42.493	ug/l	97
6) Chloroethane	3.124	64	116563	42.766	ug/l	93
7) Trichlorofluoromethane	3.506	101	255450	45.739	ug/l	96
8) Diethyl Ether	3.971	74	100138	49.090	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.383	101	155132	48.644	ug/l	98
10) Methyl Iodide	4.600	142	245187	47.374	ug/l	99
11) Tert butyl alcohol	5.536	59	126654	235.428	ug/l	99
12) 1,1-Dichloroethene	4.353	96	143910	46.462	ug/l	99
13) Acrolein	4.189	56	194751	295.284	ug/l	99
14) Allyl chloride	5.036	41	171022	47.233	ug/l	92
15) Acrylonitrile	5.730	53	353221	240.598	ug/l	100
16) Acetone	4.442	43	284567	217.125	ug/l	97
17) Carbon Disulfide	4.724	76	323120	43.087	ug/l	98
18) Methyl Acetate	5.036	43	187537	48.408	ug/l	99
19) Methyl tert-butyl Ether	5.806	73	520656	51.046	ug/l	99
20) Methylene Chloride	5.289	84	168767	48.113	ug/l	98
21) trans-1,2-Dichloroethene	5.794	96	157176	46.336	ug/l	97
22) Diisopropyl ether	6.683	45	442795	50.342	ug/l	98
23) Vinyl Acetate	6.612	43	1494229	252.393	ug/l	99
24) 1,1-Dichloroethane	6.577	63	280534	47.823	ug/l	97
25) 2-Butanone	7.488	43	445678	242.864	ug/l	95
26) 2,2-Dichloropropane	7.494	77	245277	49.374	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	194932	48.049	ug/l	97
28) Bromochloromethane	7.824	49	114831	44.662	ug/l	98
29) Tetrahydrofuran	7.847	42	286345	248.995	ug/l	99
30) Chloroform	7.971	83	311445	47.155	ug/l	95
31) Cyclohexane	8.265	56	246628	45.294	ug/l	91
32) 1,1,1-Trichloroethane	8.177	97	284767	48.633	ug/l	99
36) 1,1-Dichloropropene	8.377	75	220370	48.409	ug/l	98
37) Ethyl Acetate	7.571	43	181013	49.504	ug/l	98
38) Carbon Tetrachloride	8.371	117	247136	48.506	ug/l	98
39) Methylcyclohexane	9.606	83	286479	52.164	ug/l	100
40) Benzene	8.612	78	680947	48.483	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	96342	50.689	ug/l	96
42) 1,2-Dichloroethane	8.677	62	226919	48.597	ug/l	100
43) Isopropyl Acetate	8.694	43	320948	53.210	ug/l	98
44) Trichloroethene	9.353	130	185805	46.959	ug/l	99
45) 1,2-Dichloropropane	9.624	63	165621	48.458	ug/l	99
46) Dibromomethane	9.712	93	122284	48.238	ug/l	98
47) Bromodichloromethane	9.888	83	249742	50.237	ug/l	96
48) Methyl methacrylate	9.682	41	147854	54.425	ug/l	97
49) 1,4-Dioxane	9.694	88	64714	968.960	ug/l	97
51) 4-Methyl-2-Pentanone	10.447	43	955102	261.834	ug/l	100
52) Toluene	10.635	92	447972	48.973	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	259214	53.267	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	280582	52.515	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	179066	49.874	ug/l	98
56) Ethyl methacrylate	10.876	69	264776	55.521	ug/l	99
57) 1,3-Dichloropropane	11.165	76	292073	49.594	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	449388	295.972	ug/l	100
59) 2-Hexanone	11.200	43	695313	261.378	ug/l	100
60) Dibromochloromethane	11.365	129	201500	50.466	ug/l	99
61) 1,2-Dibromoethane	11.470	107	182186	50.143	ug/l	98
64) Tetrachloroethene	11.106	164	165364	47.335	ug/l	98
65) Chlorobenzene	11.894	112	494489	48.528	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	188276	49.885	ug/l	99
67) Ethyl Benzene	11.965	91	888203	51.647	ug/l	99
68) m/p-Xylenes	12.076	106	706340	103.770	ug/l	100
69) o-Xylene	12.400	106	355074	52.712	ug/l	97
70) Styrene	12.412	104	578746	54.036	ug/l	99
71) Bromoform	12.582	173	148221	53.970	ug/l #	99
73) Isopropylbenzene	12.700	105	920529	50.354	ug/l	99
74) N-amyl acetate	12.494	43	289341	53.950	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	263464	46.619	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	252318m	49.480	ug/l	
77) Bromobenzene	12.982	156	218818	47.296	ug/l	99
78) n-propylbenzene	13.041	91	1047350	51.944	ug/l	100
79) 2-Chlorotoluene	13.129	91	621210	49.355	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	782044	51.112	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	87798	61.973	ug/l #	86
82) 4-Chlorotoluene	13.129	91	621210	49.355	ug/l	100
83) tert-Butylbenzene	13.441	119	703144	52.123	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	796615	52.482	ug/l	99
85) sec-Butylbenzene	13.617	105	993987	53.384	ug/l	99
86) p-Isopropyltoluene	13.735	119	849839	54.853	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	420621	49.218	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	412139	47.207	ug/l	100
89) n-Butylbenzene	14.059	91	692417	55.166	ug/l	100
90) Hexachloroethane	14.335	117	147557	53.243	ug/l	99
91) 1,2-Dichlorobenzene	14.111	146	418436	49.708	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	45994	45.865	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	209175	50.192	ug/l	99
94) Hexachlorobutadiene	15.506	225	113084	49.735	ug/l	100
95) Naphthalene	15.641	128	619144	45.189	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	200007	51.347	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

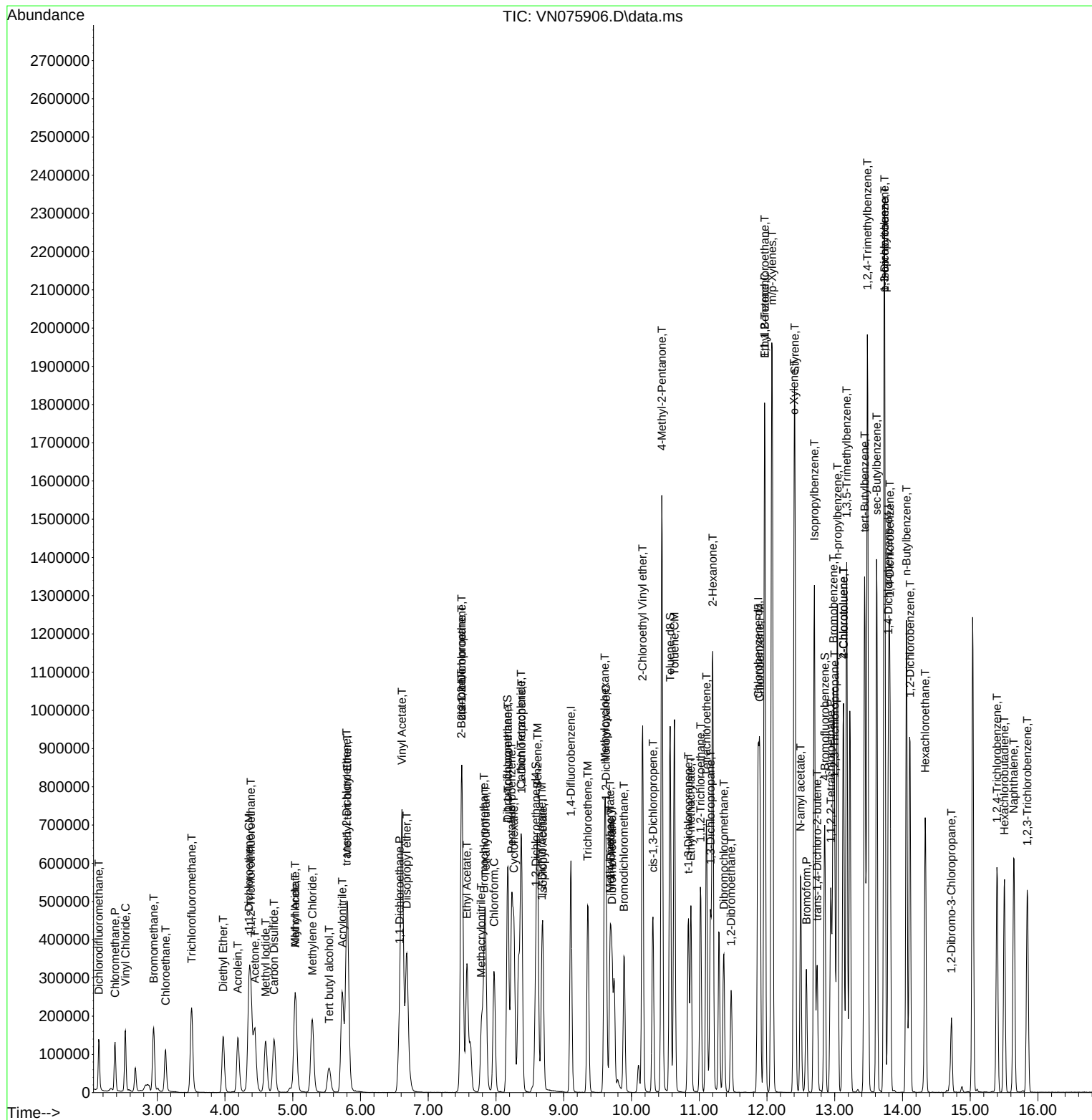
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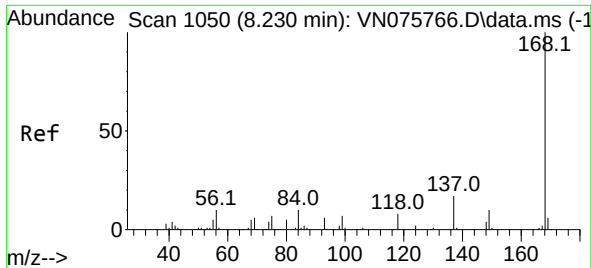
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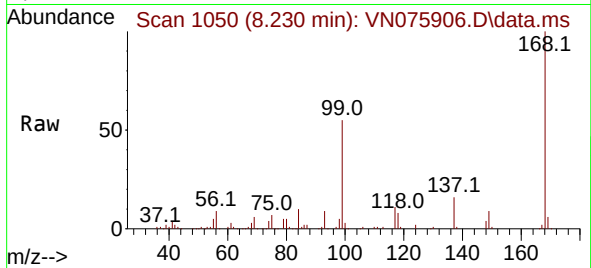
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
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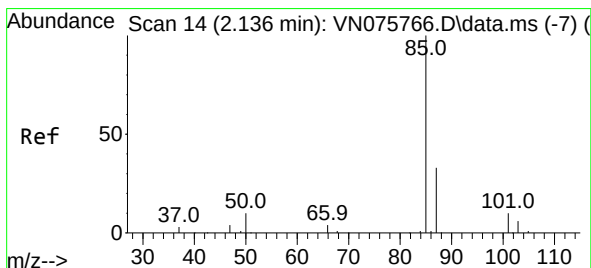
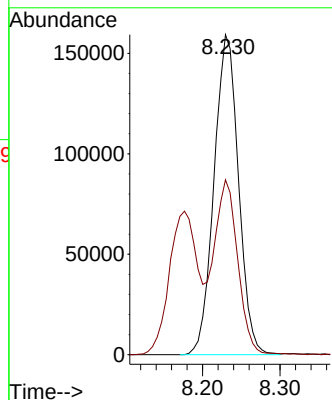
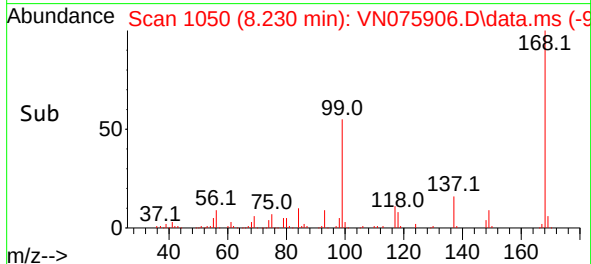
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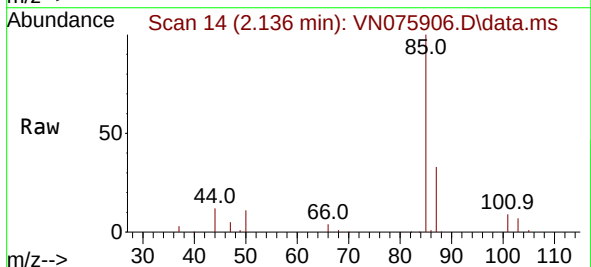
Tgt Ion:168 Resp: 349475
Ion Ratio Lower Upper
168 100
99 54.4 44.2 66.4

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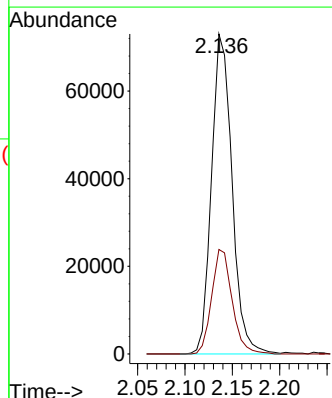
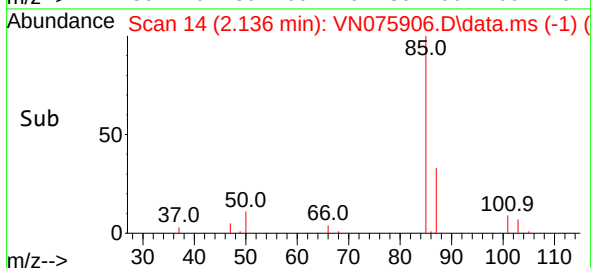
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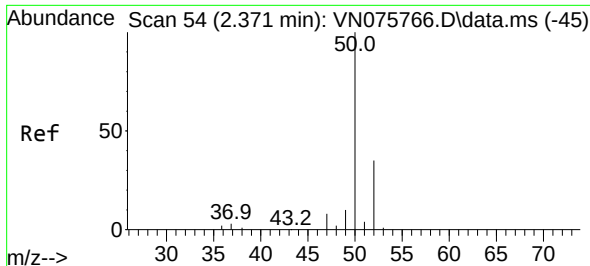


#2
Dichlorodifluoromethane
Concen: 44.293 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075906.D
Acq: 20 Dec 2022 18:10



Tgt Ion: 85 Resp: 109907
Ion Ratio Lower Upper
85 100
87 32.7 16.3 48.9





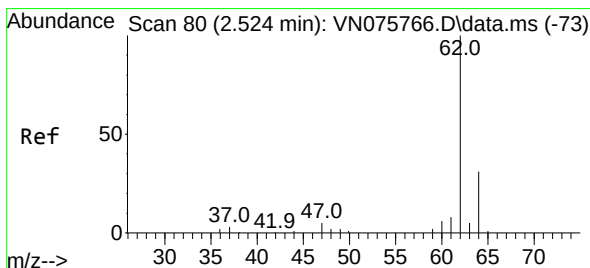
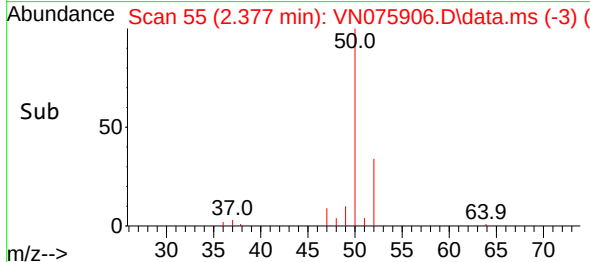
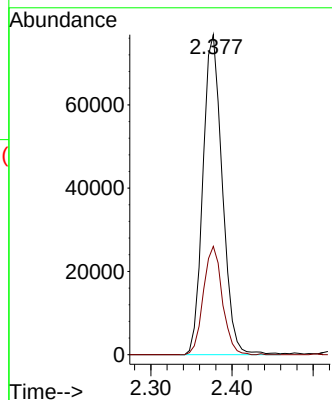
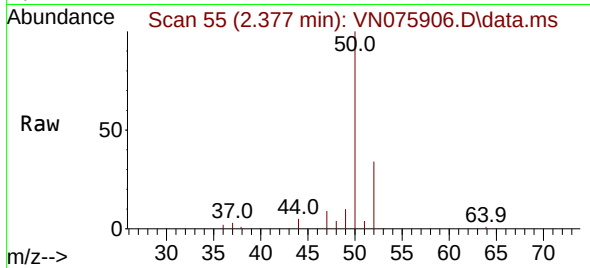
#3
Chloromethane
Concen: 41.249 ug/l
RT: 2.377 min Scan# 50
Delta R.T. 0.006 min
Lab File: VN075906.D
Acq: 20 Dec 2022 18:10

Instrument :
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Tgt Ion: 50 Resp: 127275
Ion Ratio Lower Upper
50 100
52 33.8 27.7 41.5

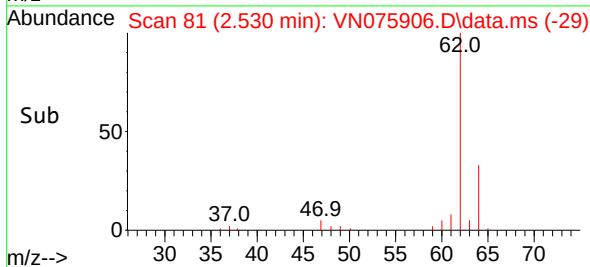
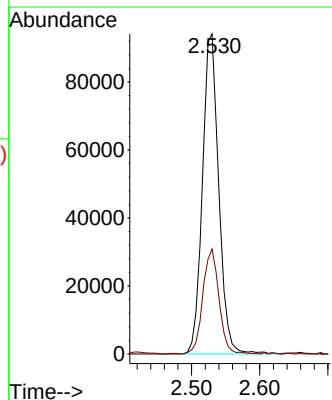
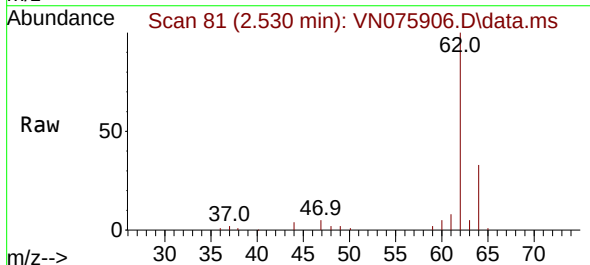
Manual Integrations
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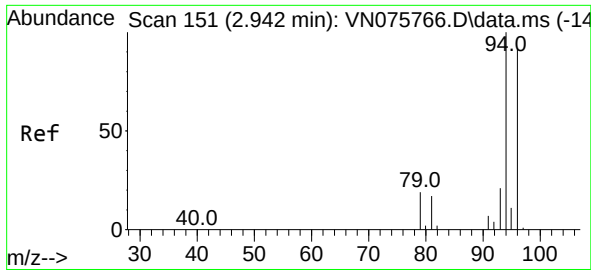
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#4
Vinyl Chloride
Concen: 42.529 ug/l
RT: 2.530 min Scan# 81
Delta R.T. 0.006 min
Lab File: VN075906.D
Acq: 20 Dec 2022 18:10

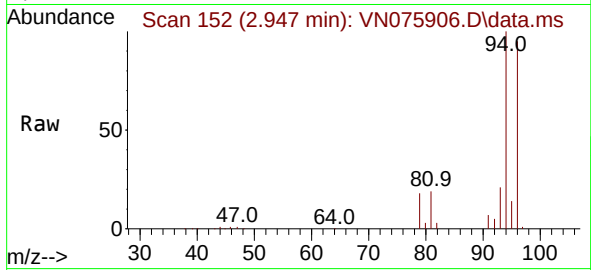
Tgt Ion: 62 Resp: 156534
Ion Ratio Lower Upper
62 100
64 32.7 24.9 37.3





#5
Bromomethane
Concen: 42.493 ug/l
RT: 2.947 min Scan# 151
Delta R.T. 0.006 min
Lab File: VN075906.D
Acq: 20 Dec 2022 18:10

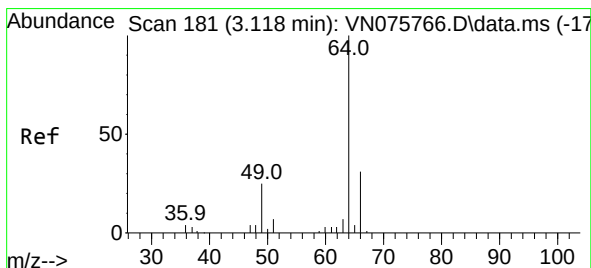
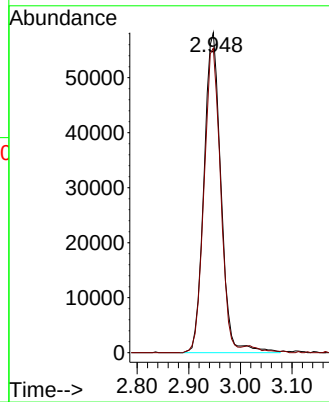
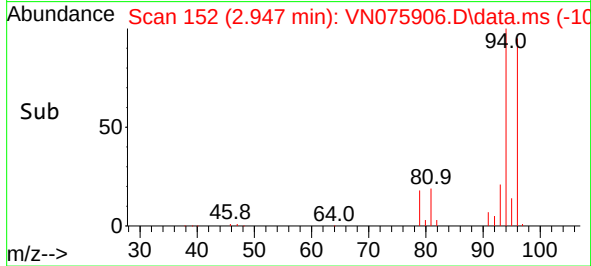
Instrument :
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Tgt Ion: 94 Resp: 132919
Ion Ratio Lower Upper
94 100
96 95.1 73.8 110.6

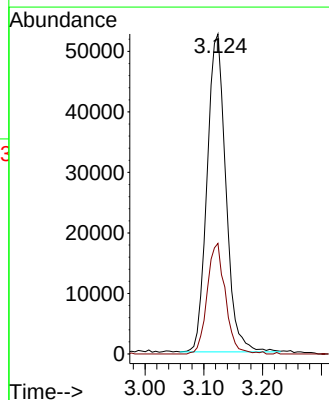
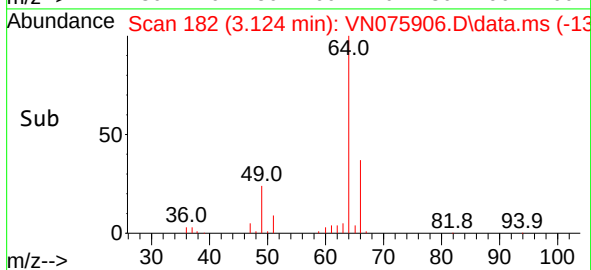
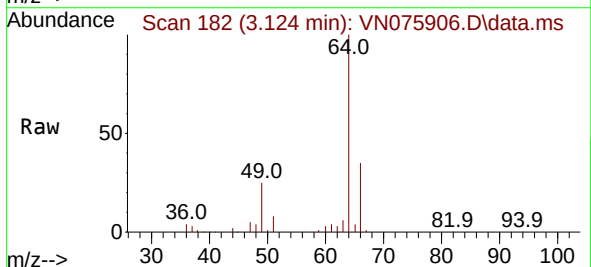
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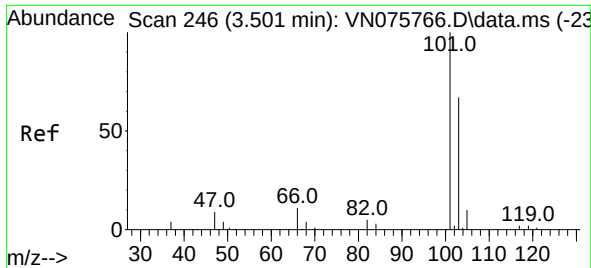
Reviewed By :John Carlone 12/21/2022
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#6
Chloroethane
Concen: 42.766 ug/l
RT: 3.124 min Scan# 182
Delta R.T. 0.006 min
Lab File: VN075906.D
Acq: 20 Dec 2022 18:10

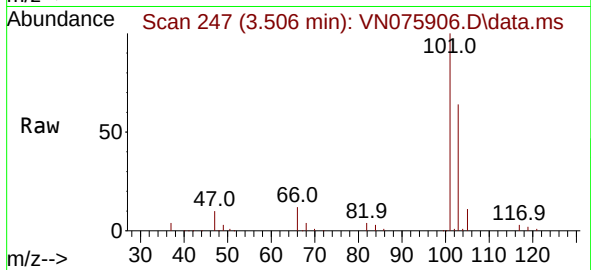
Tgt Ion: 64 Resp: 116563
Ion Ratio Lower Upper
64 100
66 34.8 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 45.739 ug/l
 RT: 3.506 min Scan# 246
 Delta R.T. 0.006 min
 Lab File: VN075906.D
 Acq: 20 Dec 2022 18:10

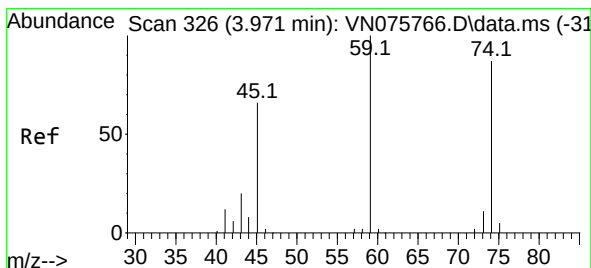
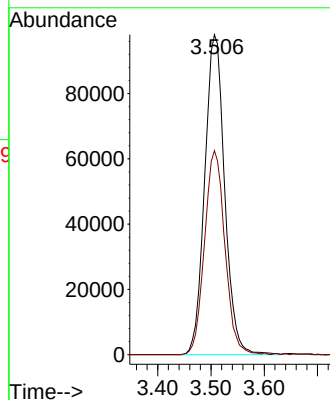
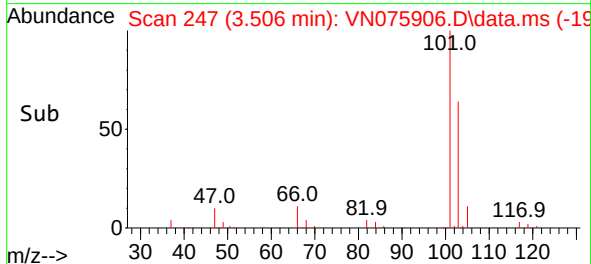
Instrument :
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Tgt Ion:101 Resp: 255450
 Ion Ratio Lower Upper
 101 100
 103 63.8 53.4 80.2

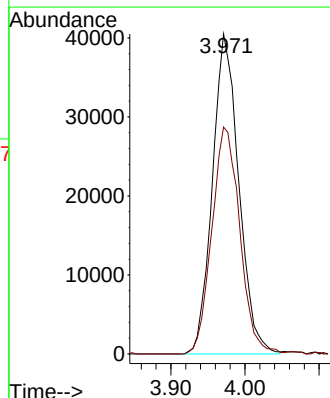
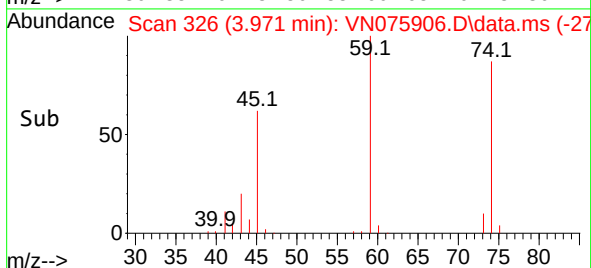
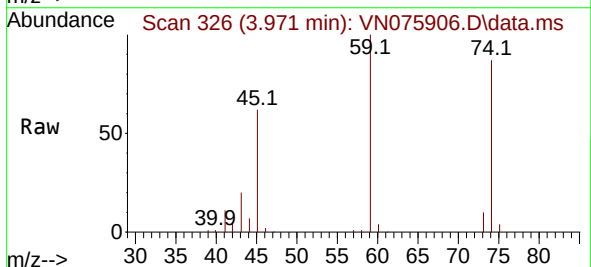
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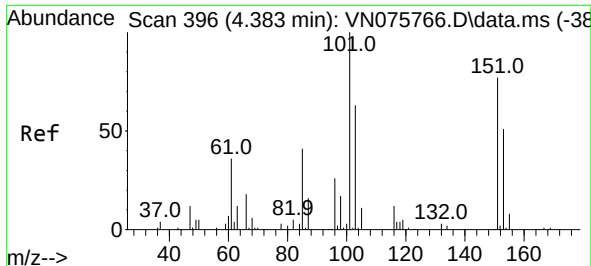
Reviewed By :John Carlone 12/21/2022
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#8
 Diethyl Ether
 Concen: 49.090 ug/l
 RT: 3.971 min Scan# 326
 Delta R.T. -0.000 min
 Lab File: VN075906.D
 Acq: 20 Dec 2022 18:10

Tgt Ion: 74 Resp: 100138
 Ion Ratio Lower Upper
 74 100
 45 75.0 37.8 113.4





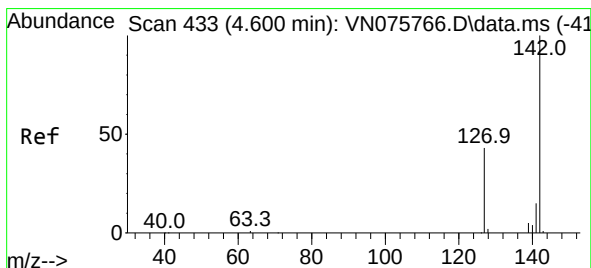
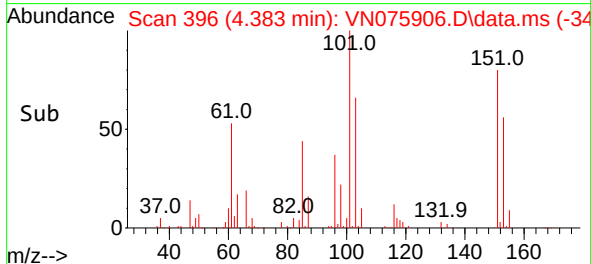
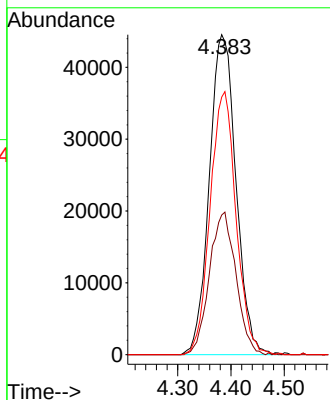
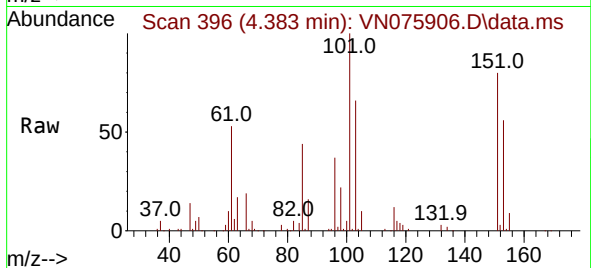
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.644 ug/l
RT: 4.383 min Scan# 396
Delta R.T. -0.000 min
Lab File: VN075906.D
Acq: 20 Dec 2022 18:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 15513
Ion Ratio Lower Upper
101 100
85 44.3 35.3 52.9
151 79.9 65.6 98.4

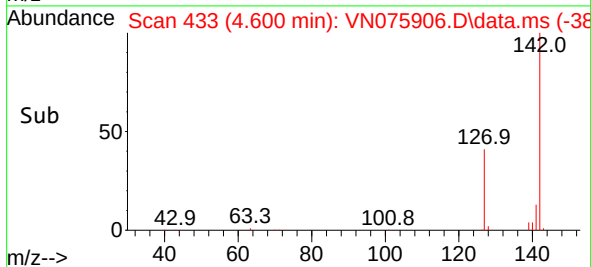
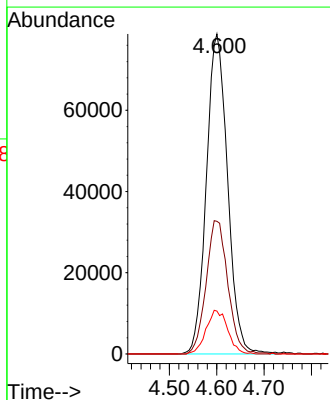
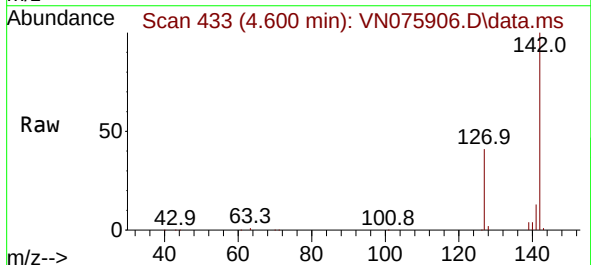
Manual Integrations
APPROVED

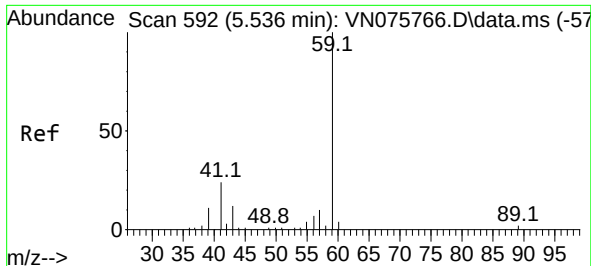
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#10
Methyl Iodide
Concen: 47.374 ug/l
RT: 4.600 min Scan# 433
Delta R.T. -0.000 min
Lab File: VN075906.D
Acq: 20 Dec 2022 18:10

Tgt Ion:142 Resp: 245187
Ion Ratio Lower Upper
142 100
127 42.6 34.7 52.1
141 13.9 11.4 17.2





#11
Tert butyl alcohol
Concen: 235.428 ug/l
RT: 5.536 min Scan# 591
Delta R.T. -0.000 min
Lab File: VN075906.D
Acq: 20 Dec 2022 18:10

Instrument :

MSVOA_N

ClientSampleId :

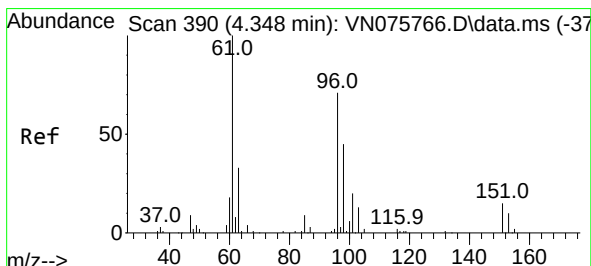
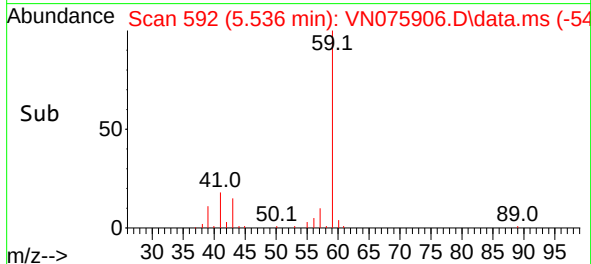
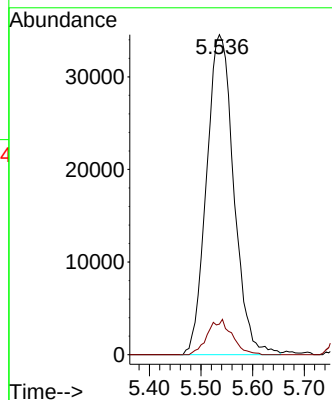
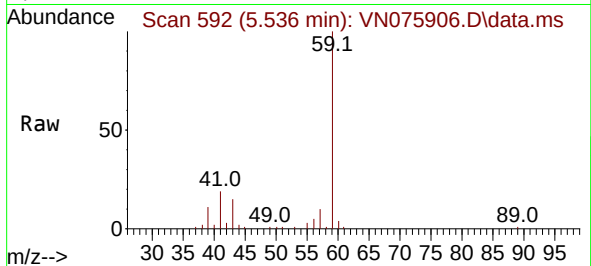
VSTDCCC050EC

Tgt Ion: 59 Resp: 126654
Ion Ratio Lower Upper
59 100
57 9.9 8.2 12.4

Manual Integrations

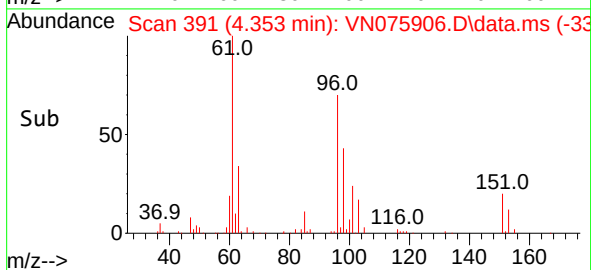
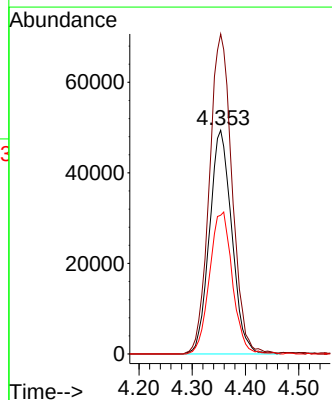
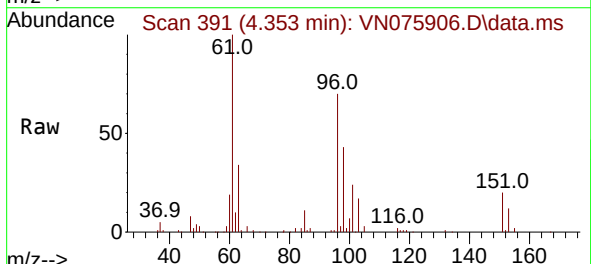
APPROVED

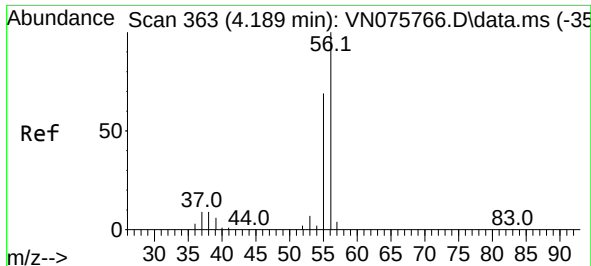
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#12
1,1-Dichloroethene
Concen: 46.462 ug/l
RT: 4.353 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN075906.D
Acq: 20 Dec 2022 18:10

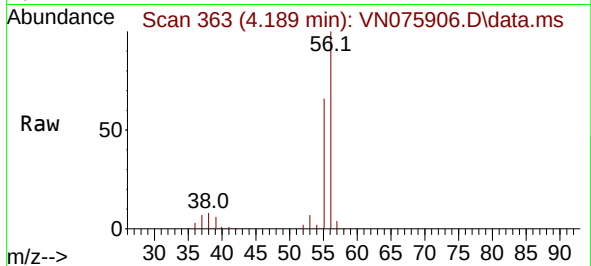
Tgt Ion: 96 Resp: 143910
Ion Ratio Lower Upper
96 100
61 143.1 113.3 169.9
98 62.0 50.9 76.3





#13
Acrolein
Concen: 295.284 ug/l
RT: 4.189 min Scan# 363
Delta R.T. -0.000 min
Lab File: VN075906.D
Acq: 20 Dec 2022 18:10

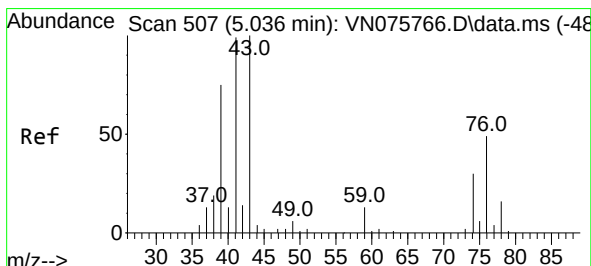
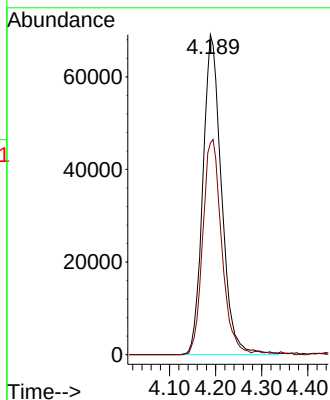
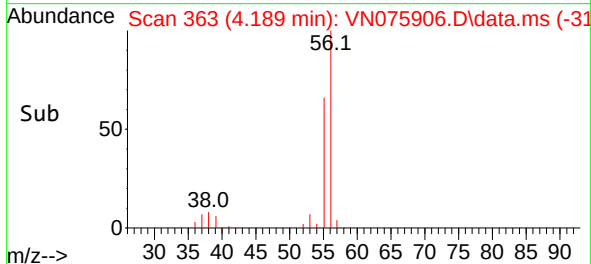
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



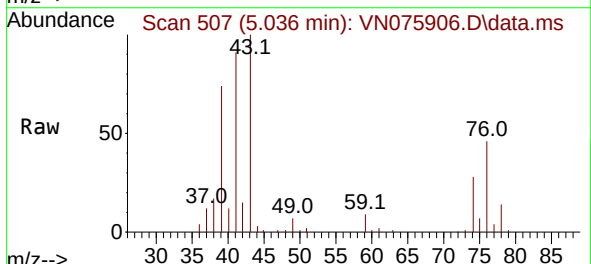
Tgt Ion: 56 Resp: 19475
Ion Ratio Lower Upper
56 100
55 68.1 54.8 82.2

Manual Integrations
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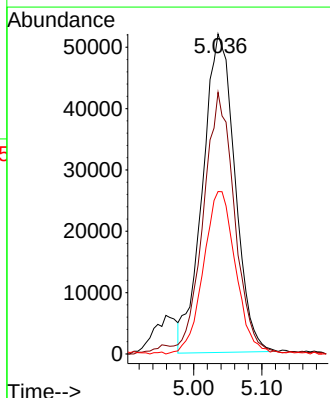
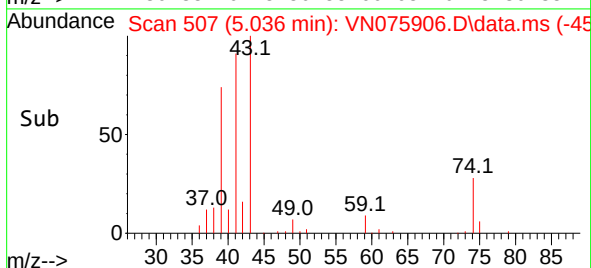
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

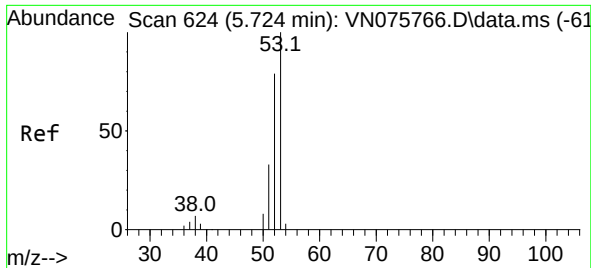


#14
Allyl chloride
Concen: 47.233 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN075906.D
Acq: 20 Dec 2022 18:10



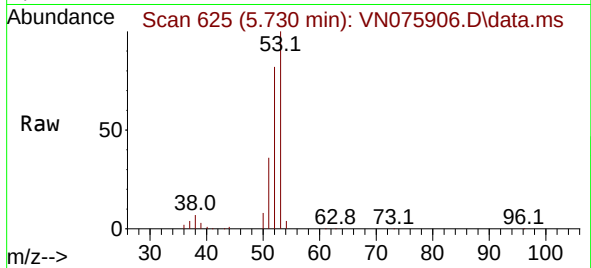
Tgt Ion: 41 Resp: 171022
Ion Ratio Lower Upper
41 100
39 79.1 58.3 87.5
76 50.9 35.8 53.6





#15
Acrylonitrile
Concen: 240.598 ug/l
RT: 5.730 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075906.D
Acq: 20 Dec 2022 18:10

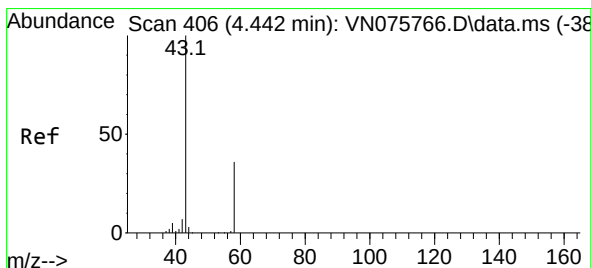
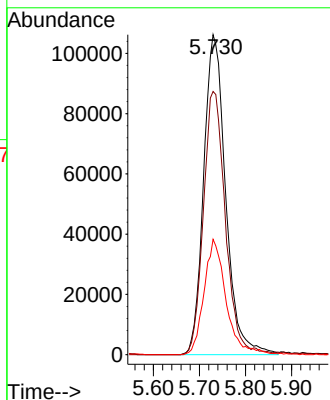
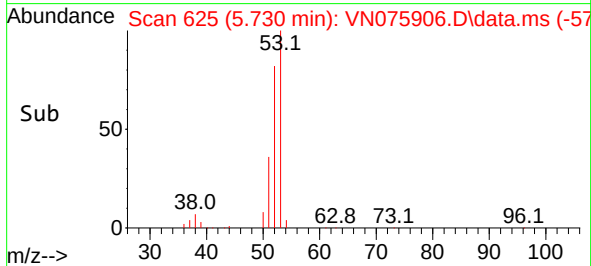
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 35322
Ion Ratio Lower Upper
53 100
52 82.3 65.4 98.0
51 36.1 28.9 43.3

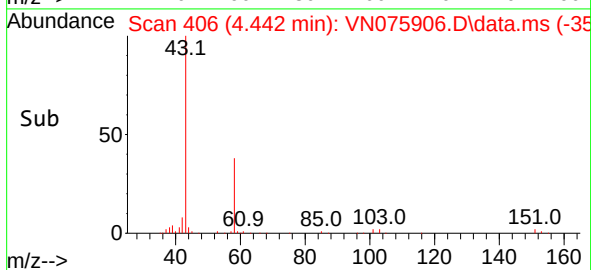
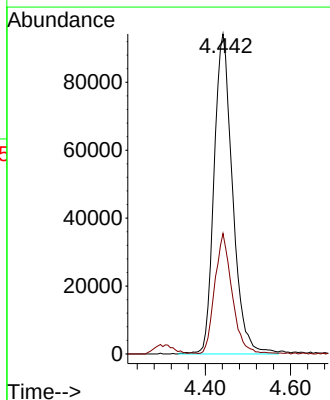
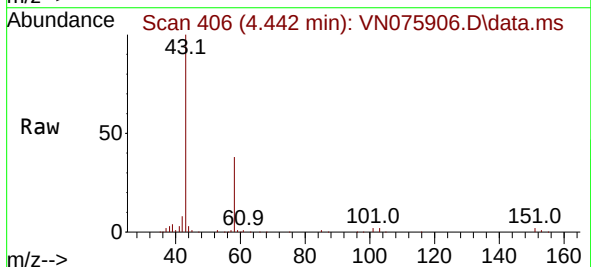
Manual Integrations
APPROVED

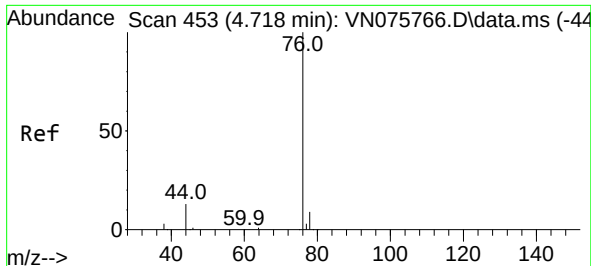
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#16
Acetone
Concen: 217.125 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN075906.D
Acq: 20 Dec 2022 18:10

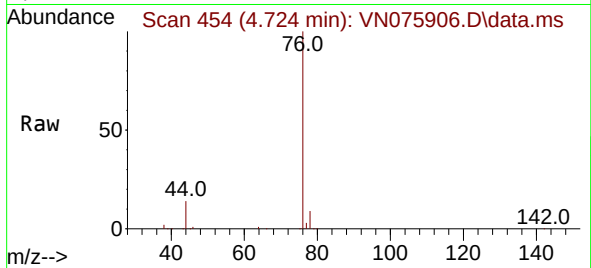
Tgt Ion: 43 Resp: 284567
Ion Ratio Lower Upper
43 100
58 37.4 28.6 43.0





#17
Carbon Disulfide
Concen: 43.087 ug/l
RT: 4.724 min Scan# 454
Delta R.T. 0.006 min
Lab File: VN075906.D
Acq: 20 Dec 2022 18:10

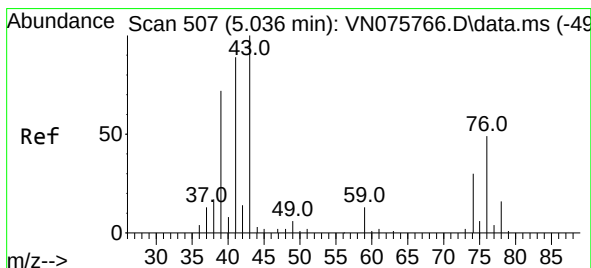
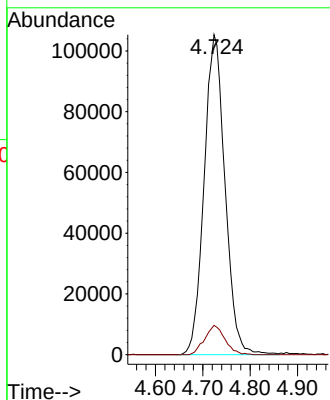
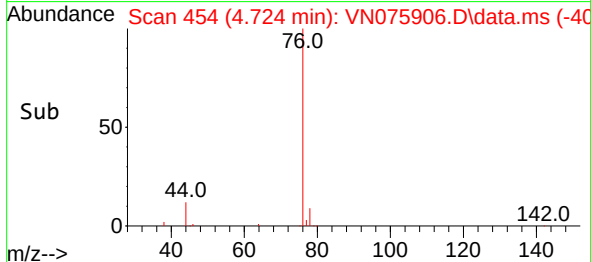
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



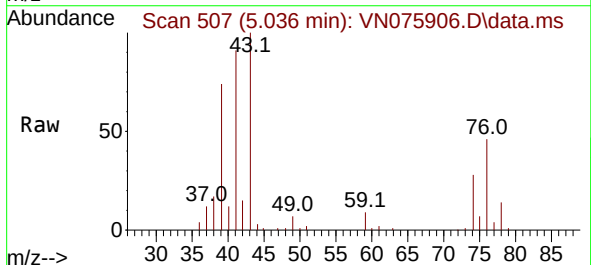
Tgt Ion: 76 Resp: 323120
Ion Ratio Lower Upper
76 100
78 9.2 6.8 10.2

Manual Integrations
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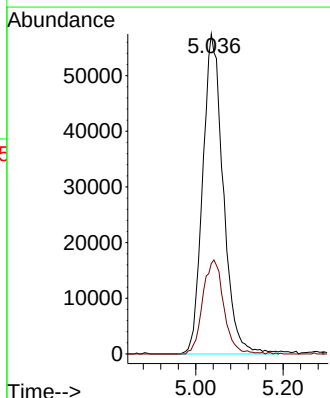
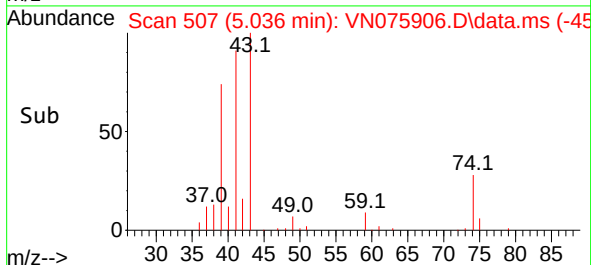
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

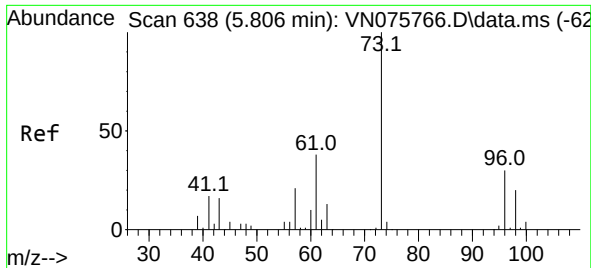


#18
Methyl Acetate
Concen: 48.408 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN075906.D
Acq: 20 Dec 2022 18:10



Tgt Ion: 43 Resp: 187537
Ion Ratio Lower Upper
43 100
74 30.0 23.6 35.4





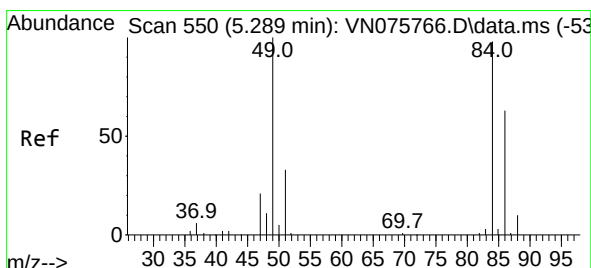
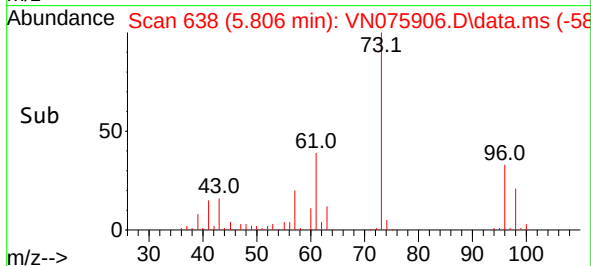
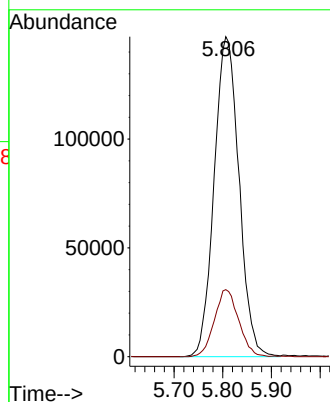
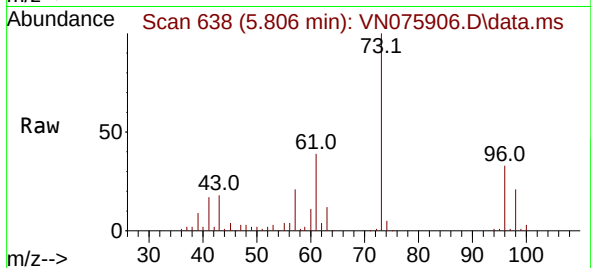
#19
Methyl tert-butyl Ether
Concen: 51.046 ug/l
RT: 5.806 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN075906.D
Acq: 20 Dec 2022 18:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 520650
Ion Ratio Lower Upper
73 100
57 20.9 17.1 25.7

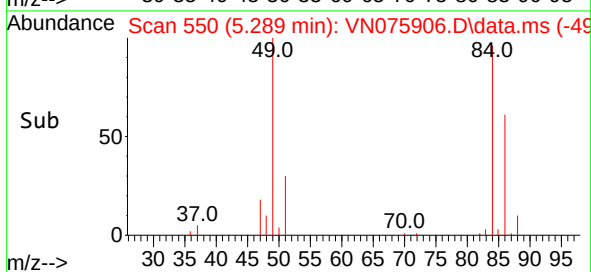
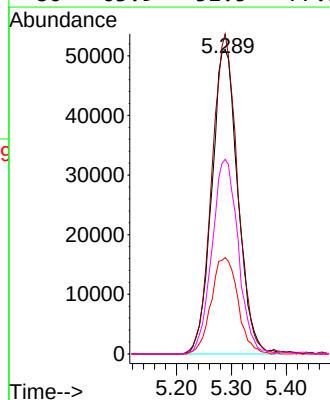
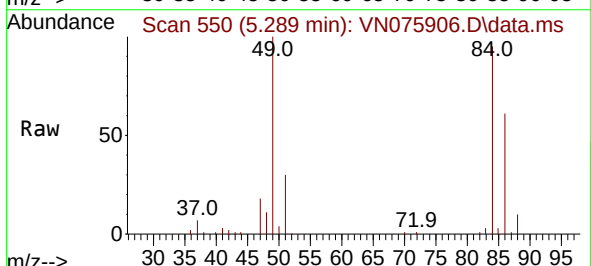
Manual Integrations
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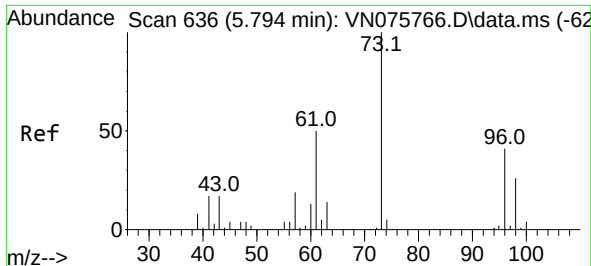
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#20
Methylene Chloride
Concen: 48.113 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN075906.D
Acq: 20 Dec 2022 18:10

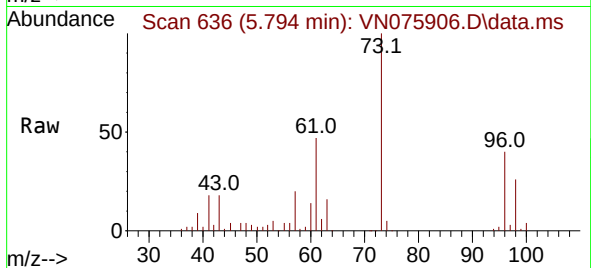
Tgt Ion: 84 Resp: 168767
Ion Ratio Lower Upper
84 100
49 105.1 81.8 122.6
51 31.6 26.7 40.1
86 63.9 51.5 77.3





#21
trans-1,2-Dichloroethene
Concen: 46.336 ug/l
RT: 5.794 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN075906.D
Acq: 20 Dec 2022 18:10

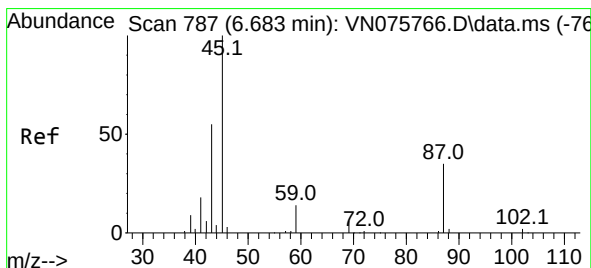
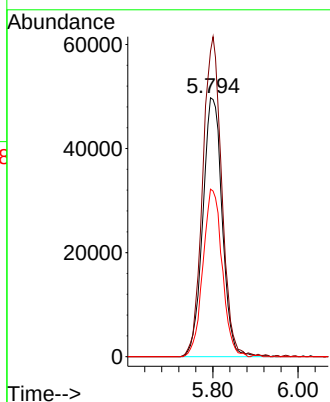
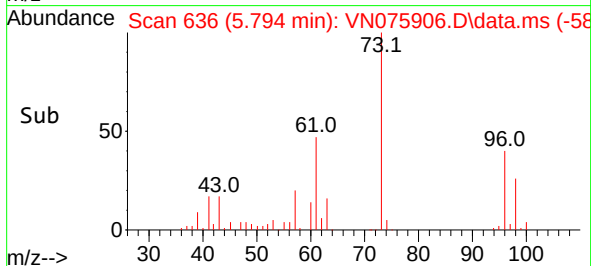
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



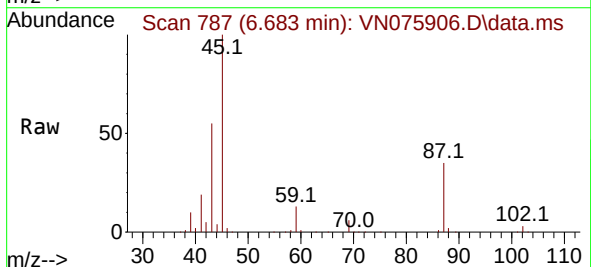
Tgt Ion: 96 Resp: 157170
Ion Ratio Lower Upper
96 100
61 118.0 98.1 147.1
98 64.7 51.4 77.2

Manual Integrations
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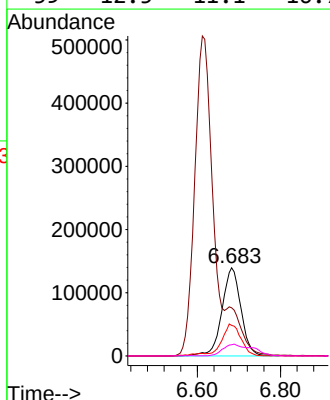
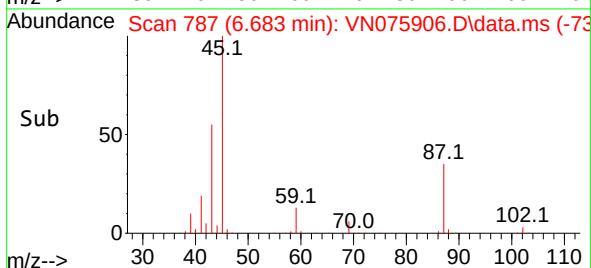
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

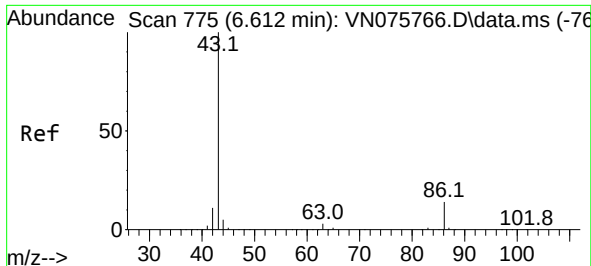


#22
Diisopropyl ether
Concen: 50.342 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN075906.D
Acq: 20 Dec 2022 18:10



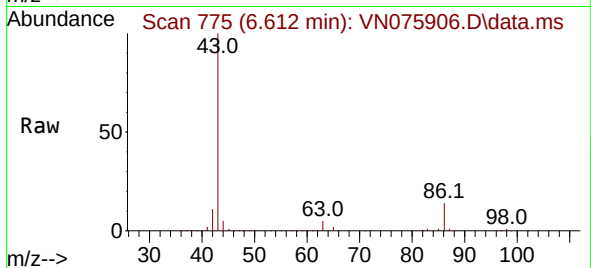
Tgt Ion: 45 Resp: 442795
Ion Ratio Lower Upper
45 100
43 53.4 44.2 66.4
87 34.6 28.3 42.5
59 12.5 11.1 16.7





#23
 Vinyl Acetate
 Concen: 252.393 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. -0.000 min
 Lab File: VN075906.D
 Acq: 20 Dec 2022 18:10

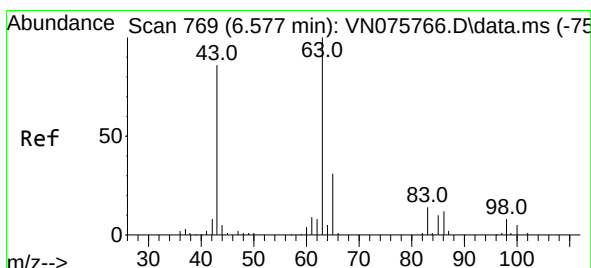
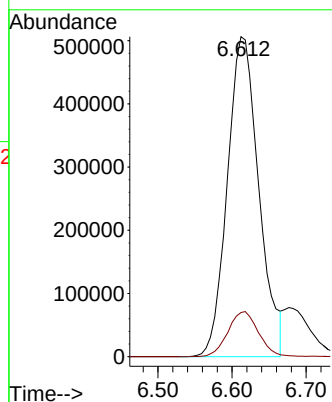
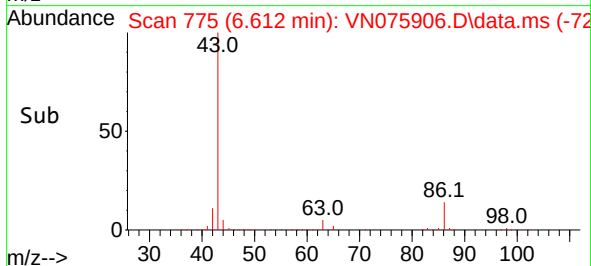
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



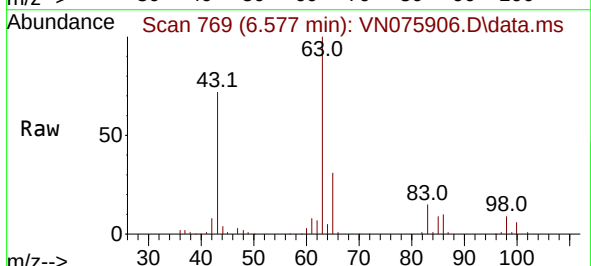
Tgt Ion: 43 Resp: 1494229
 Ion Ratio Lower Upper
 43 100
 86 13.8 11.4 17.2

Manual Integrations
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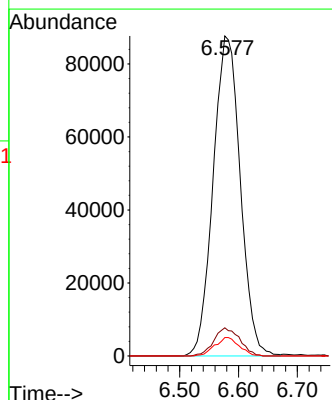
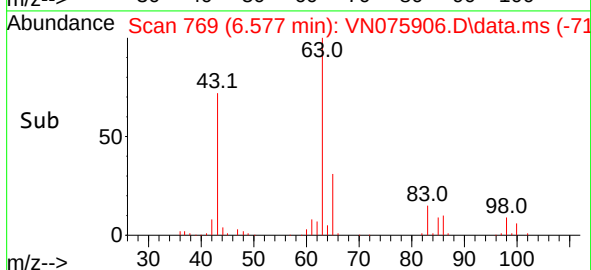
Reviewed By :John Carlone 12/21/2022
 Supervised By :Mahesh Dadoda 12/21/2022

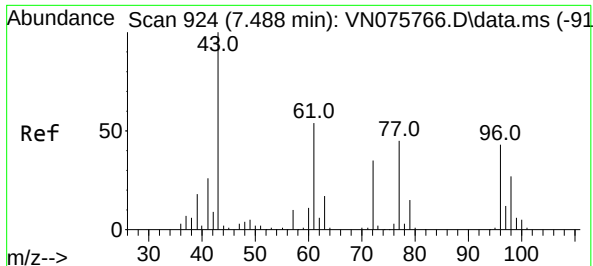


#24
 1,1-Dichloroethane
 Concen: 47.823 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VN075906.D
 Acq: 20 Dec 2022 18:10



Tgt Ion: 63 Resp: 280534
 Ion Ratio Lower Upper
 63 100
 98 8.8 3.9 11.5
 100 5.8 2.5 7.6





#25

2-Butanone

Concen: 242.864 ug/l

RT: 7.488 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN075906.D

Acq: 20 Dec 2022 18:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 445678

Ion Ratio Lower Upper

43 100

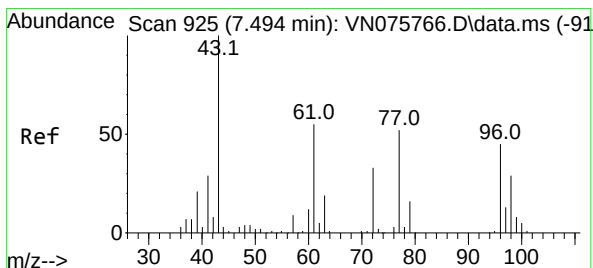
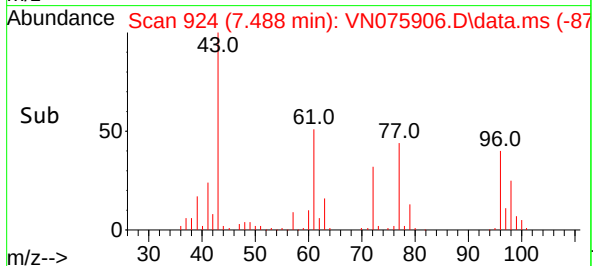
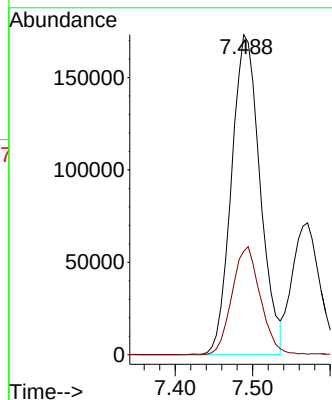
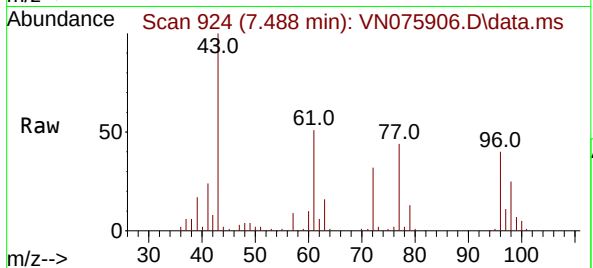
72 32.3 28.0 42.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#26

2,2-Dichloropropane

Concen: 49.374 ug/l

RT: 7.494 min Scan# 925

Delta R.T. -0.000 min

Lab File: VN075906.D

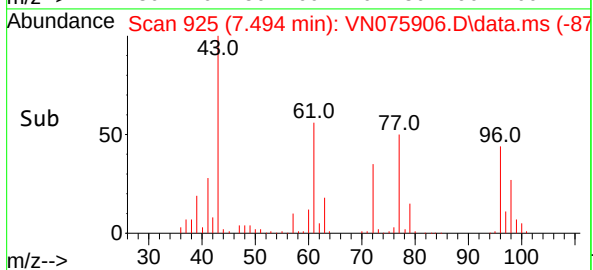
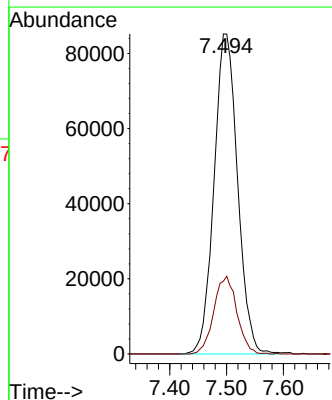
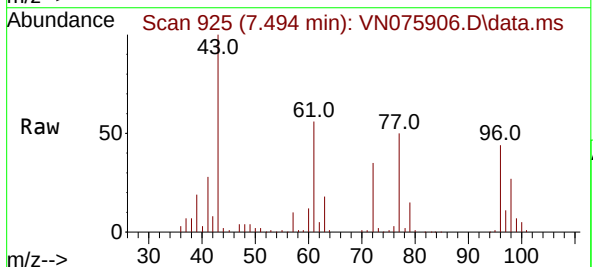
Acq: 20 Dec 2022 18:10

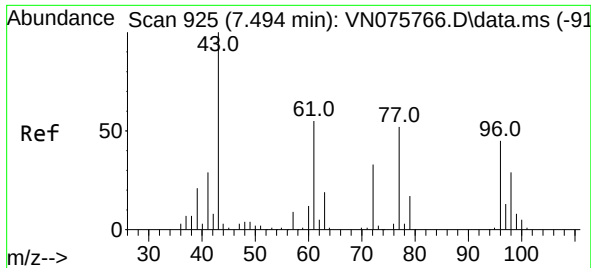
Tgt Ion: 77 Resp: 245277

Ion Ratio Lower Upper

77 100

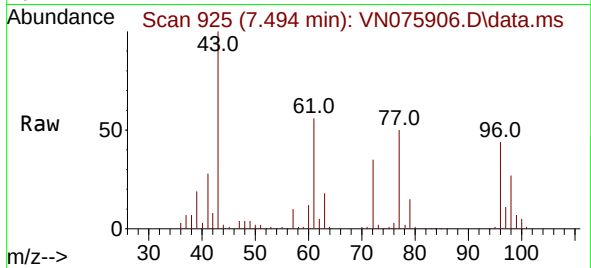
97 23.7 12.7 38.0





#27
cis-1,2-Dichloroethene
Concen: 48.049 ug/l
RT: 7.494 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075906.D
Acq: 20 Dec 2022 18:10

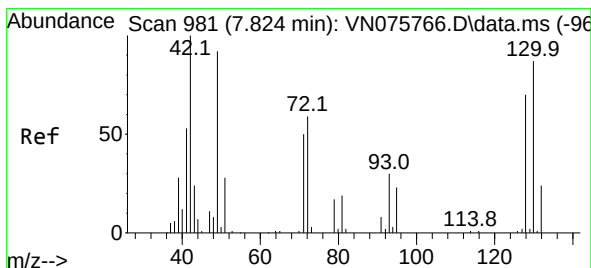
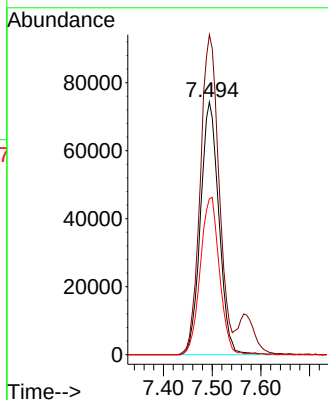
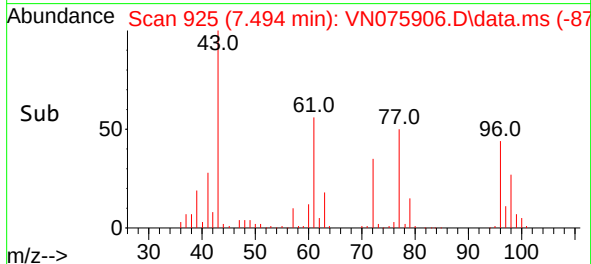
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 19493
Ion Ratio Lower Upper
96 100
61 128.5 0.0 247.8
98 64.4 0.0 128.4

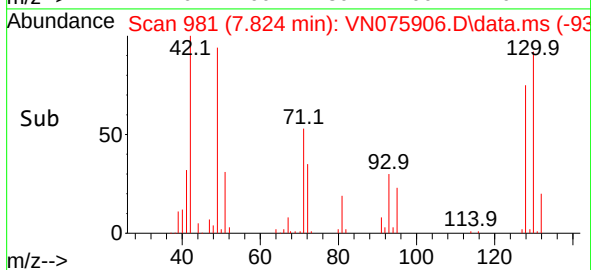
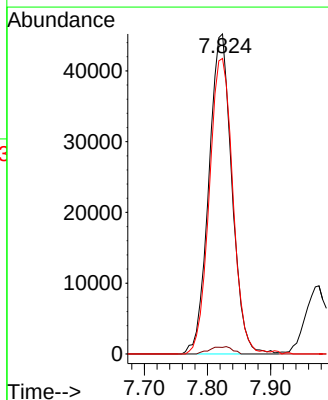
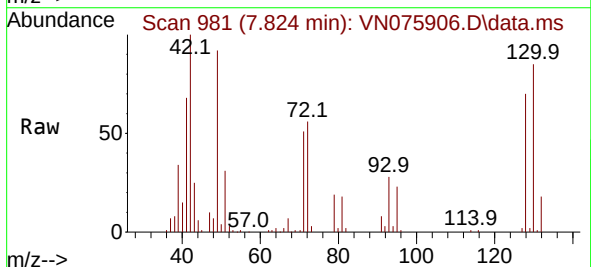
Manual Integrations
APPROVED

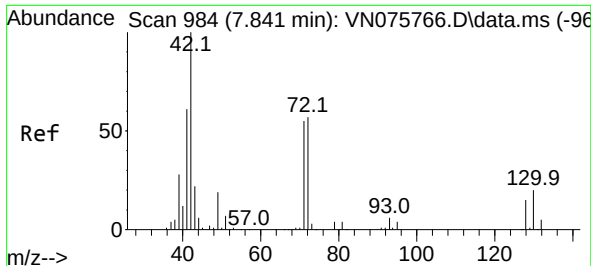
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#28
Bromochloromethane
Concen: 44.662 ug/l
RT: 7.824 min Scan# 981
Delta R.T. -0.000 min
Lab File: VN075906.D
Acq: 20 Dec 2022 18:10

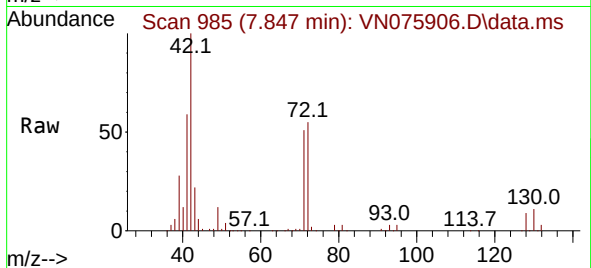
Tgt Ion: 49 Resp: 114831
Ion Ratio Lower Upper
49 100
129 2.3 0.0 5.0
130 94.1 77.0 115.4





#29
Tetrahydrofuran
Concen: 248.995 ug/l
RT: 7.847 min Scan# 984
Delta R.T. 0.006 min
Lab File: VN075906.D
Acq: 20 Dec 2022 18:10

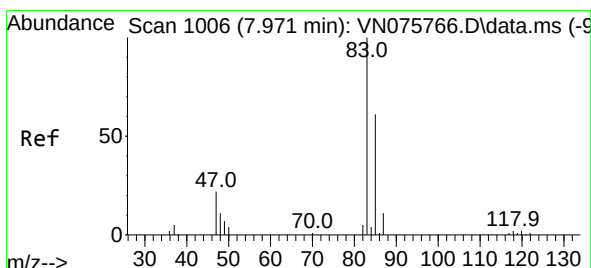
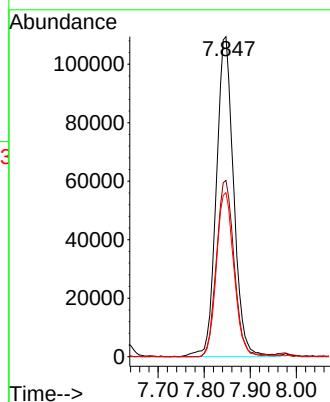
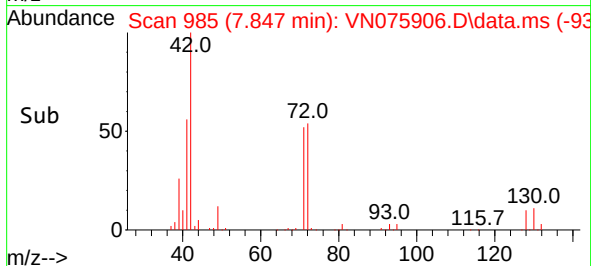
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 42 Resp: 286345
Ion Ratio Lower Upper
42 100
72 56.0 44.5 66.7
71 51.6 41.0 61.6

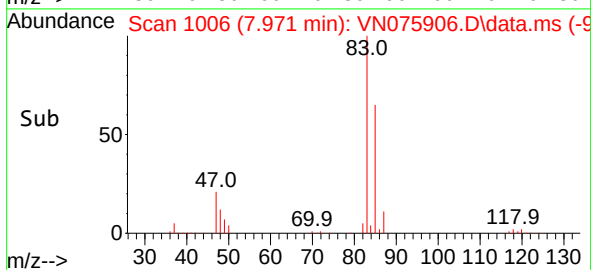
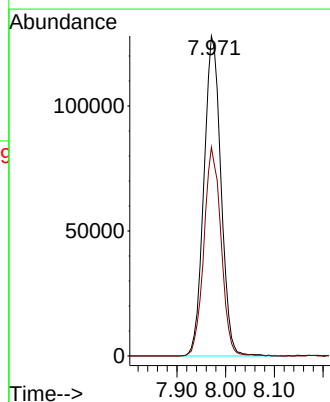
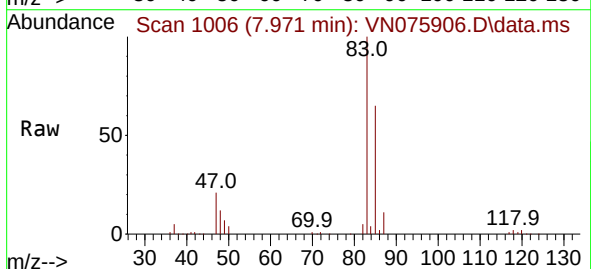
Manual Integrations
APPROVED

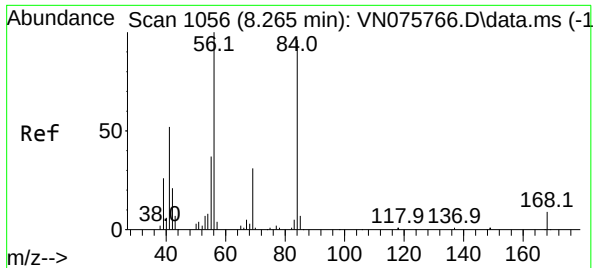
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#30
Chloroform
Concen: 47.155 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN075906.D
Acq: 20 Dec 2022 18:10

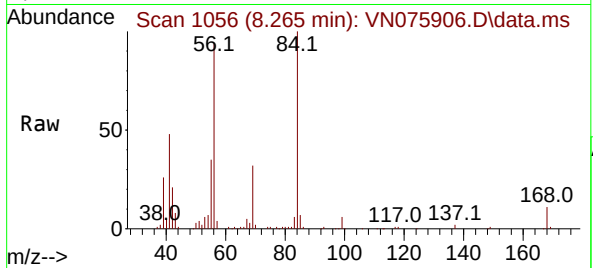
Tgt Ion: 83 Resp: 311445
Ion Ratio Lower Upper
83 100
85 65.3 49.1 73.7





#31
Cyclohexane
Concen: 45.294 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN075906.D
Acq: 20 Dec 2022 18:10

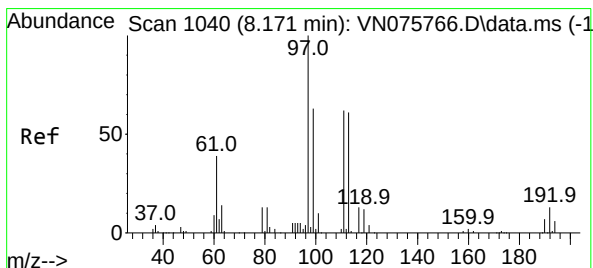
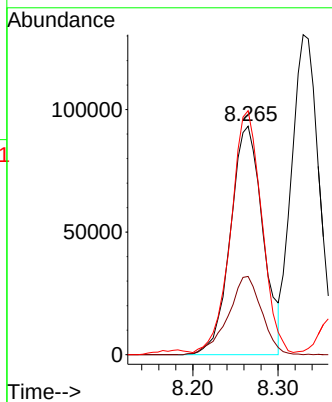
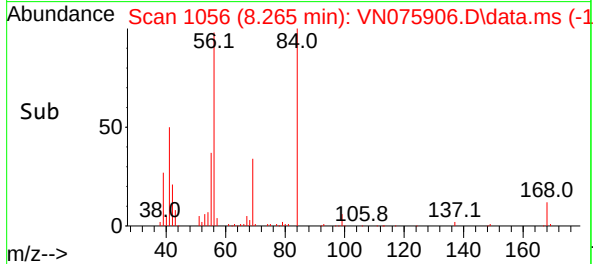
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



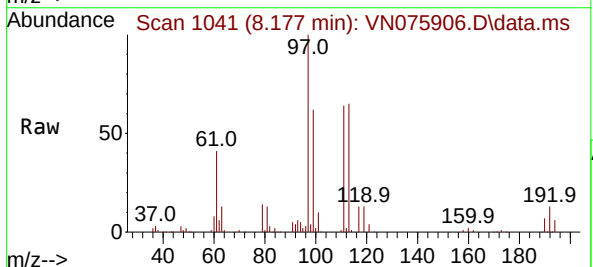
Tgt Ion: 56 Resp: 246628
Ion Ratio Lower Upper
56 100
69 34.2 24.7 37.1
84 104.8 76.5 114.7

Manual Integrations
APPROVED

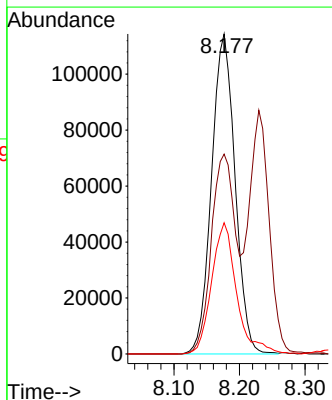
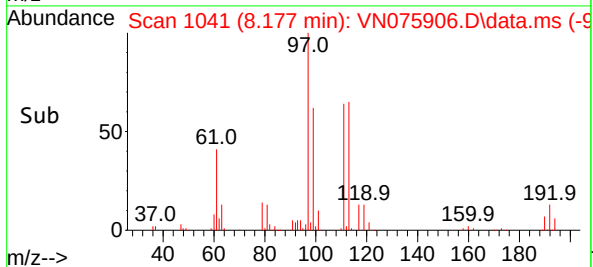
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

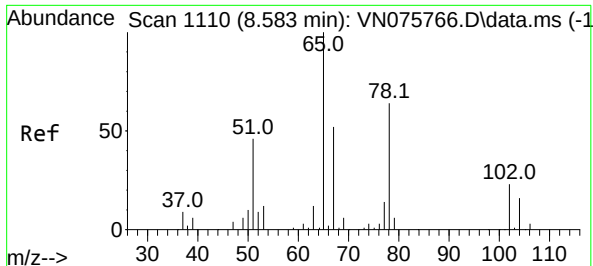


#32
1,1,1-Trichloroethane
Concen: 48.633 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN075906.D
Acq: 20 Dec 2022 18:10



Tgt Ion: 97 Resp: 284767
Ion Ratio Lower Upper
97 100
99 63.0 50.2 75.2
61 43.6 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 52.120 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VN075906.D

Acq: 20 Dec 2022 18:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 19815

Ion Ratio Lower Upper

65 100

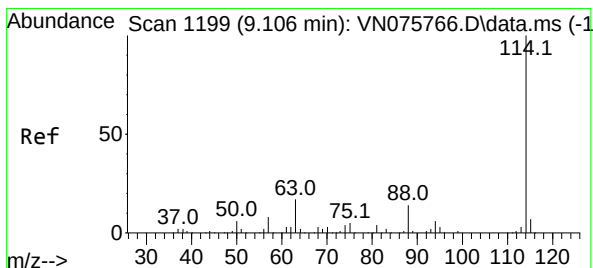
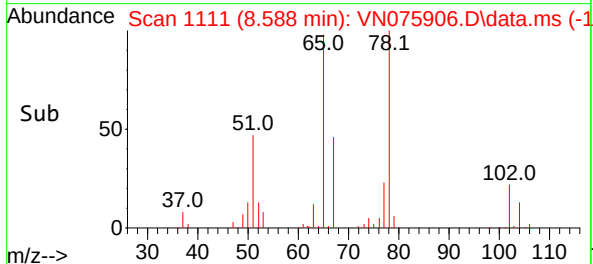
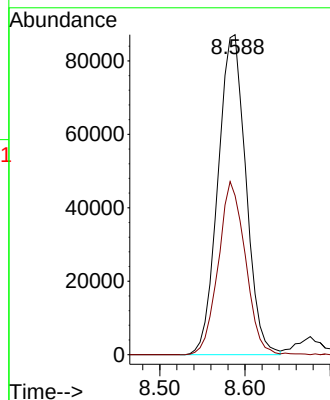
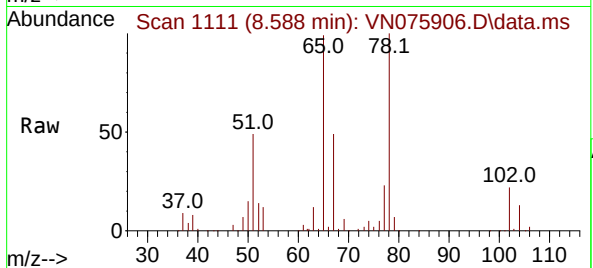
67 52.5 0.0 103.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075906.D

Acq: 20 Dec 2022 18:10

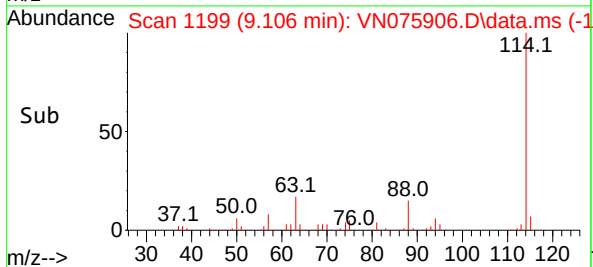
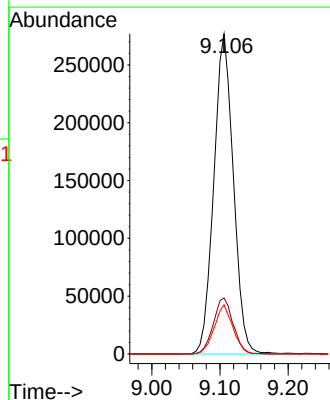
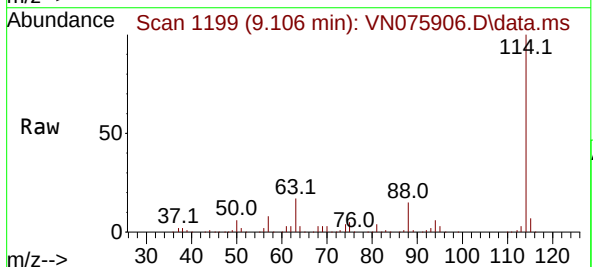
Tgt Ion:114 Resp: 553354

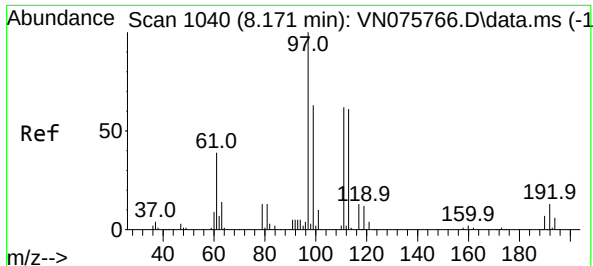
Ion Ratio Lower Upper

114 100

63 17.5 0.0 34.4

88 15.4 0.0 28.8





#35

Dibromofluoromethane

Concen: 53.962 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075906.D

Acq: 20 Dec 2022 18:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:113 Resp: 184919

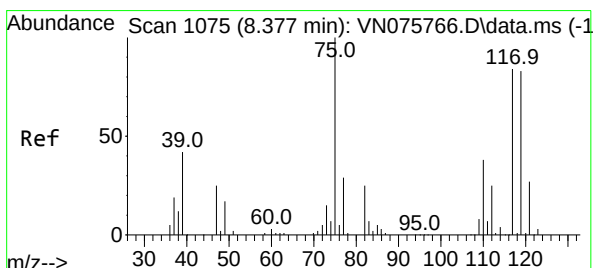
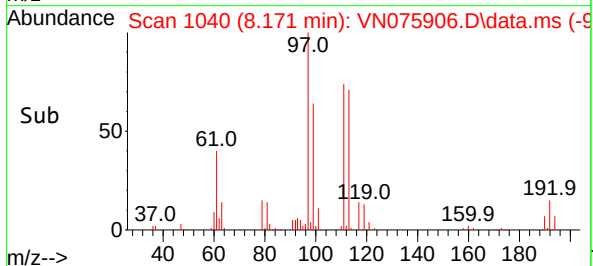
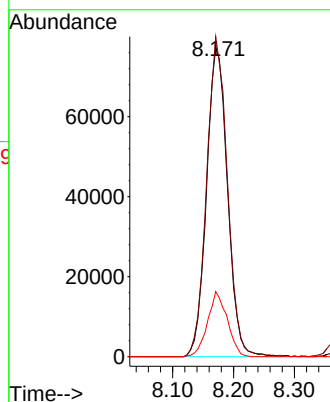
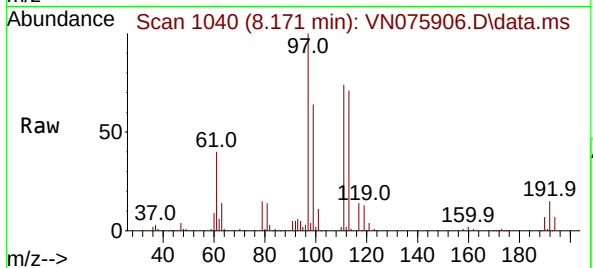
Ion	Ratio	Lower	Upper
113	100		
111	102.8	83.4	125.2
192	19.8	16.1	24.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#36

1,1-Dichloropropene

Concen: 48.409 ug/l

RT: 8.377 min Scan# 1075

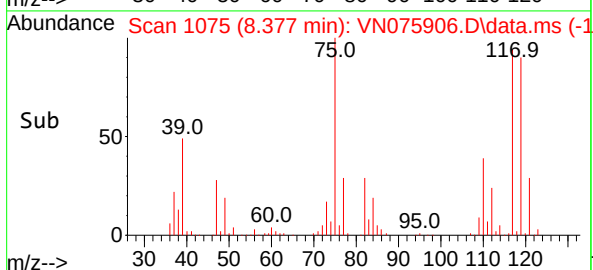
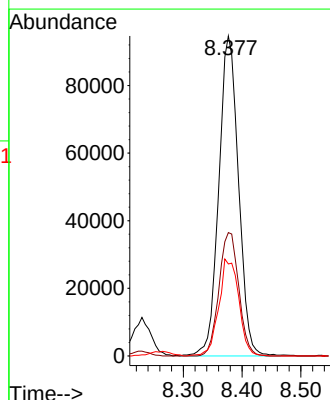
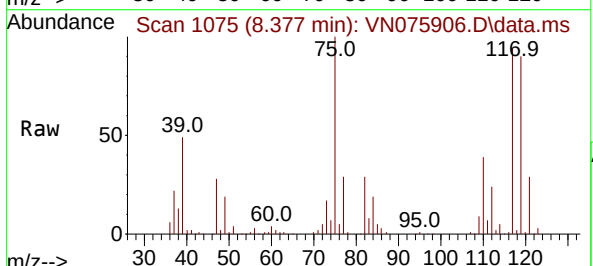
Delta R.T. -0.000 min

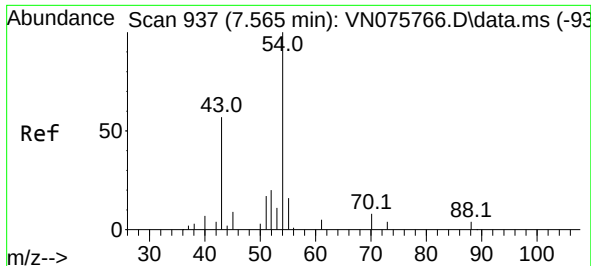
Lab File: VN075906.D

Acq: 20 Dec 2022 18:10

Tgt Ion: 75 Resp: 220370

Ion	Ratio	Lower	Upper
75	100		
110	38.7	18.8	56.4
77	30.8	24.1	36.1





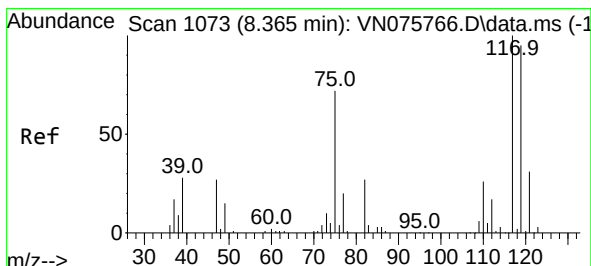
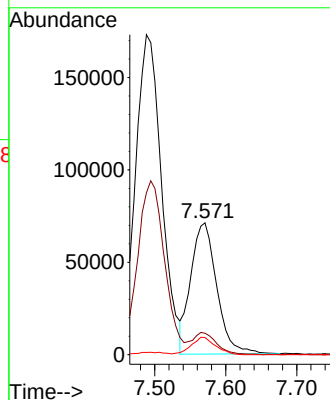
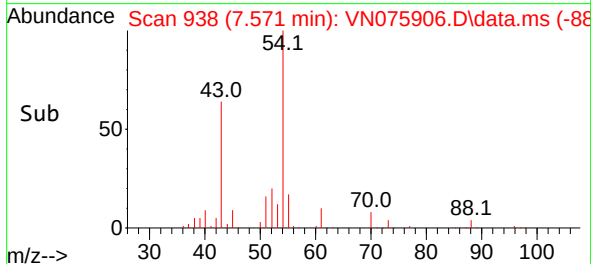
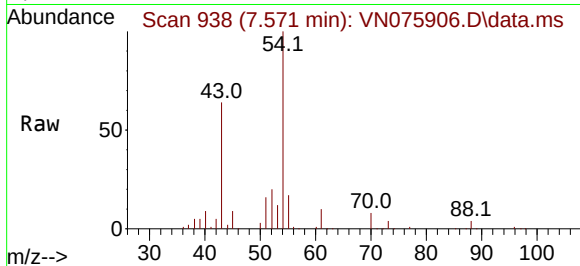
#37
Ethyl Acetate
Concen: 49.504 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN075906.D
Acq: 20 Dec 2022 18:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 18101
Ion Ratio Lower Upper
43 100
61 15.0 13.0 19.4
70 12.4 9.4 14.0

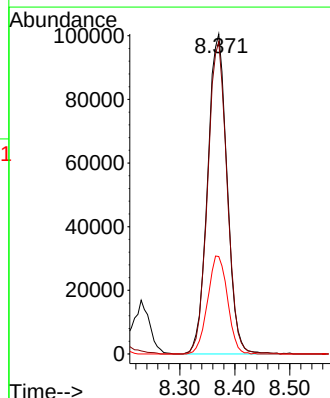
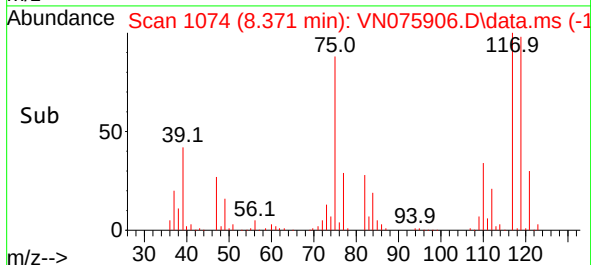
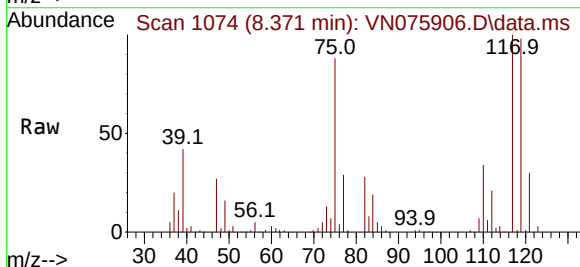
Manual Integrations
APPROVED

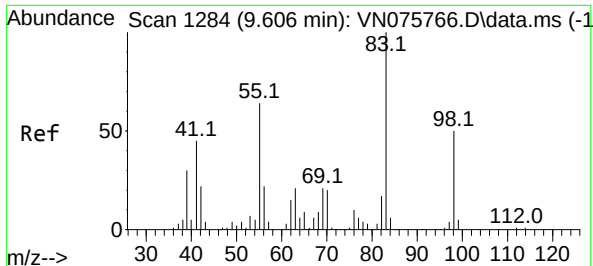
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#38
Carbon Tetrachloride
Concen: 48.506 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. 0.006 min
Lab File: VN075906.D
Acq: 20 Dec 2022 18:10

Tgt Ion:117 Resp: 247136
Ion Ratio Lower Upper
117 100
119 97.6 76.1 114.1
121 30.5 24.5 36.7





#39

Methylcyclohexane

Concen: 52.164 ug/l

RT: 9.606 min Scan# 11284

Delta R.T. -0.000 min

Lab File: VN075906.D

Acq: 20 Dec 2022 18:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 286479

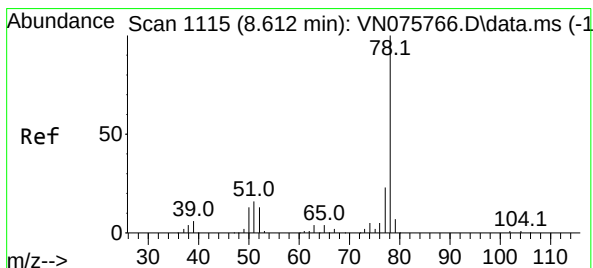
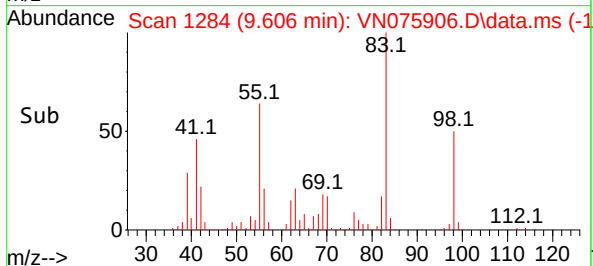
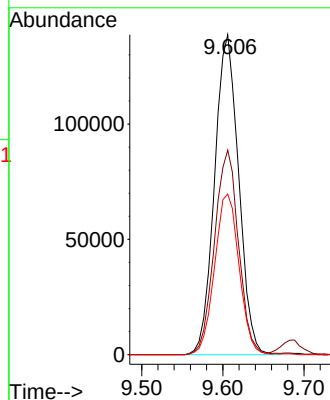
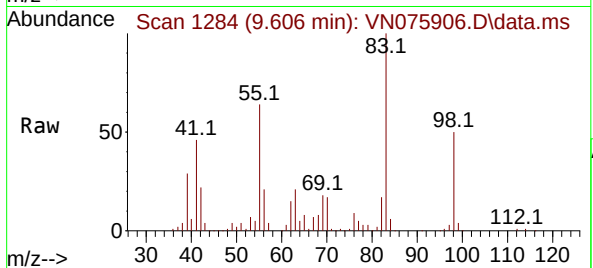
Ion	Ratio	Lower	Upper
83	100		
55	64.0	51.4	77.0
98	50.2	39.8	59.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#40

Benzene

Concen: 48.483 ug/l

RT: 8.612 min Scan# 1115

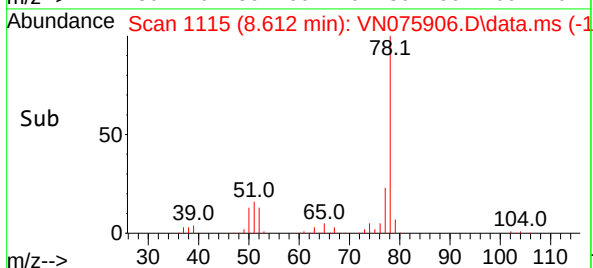
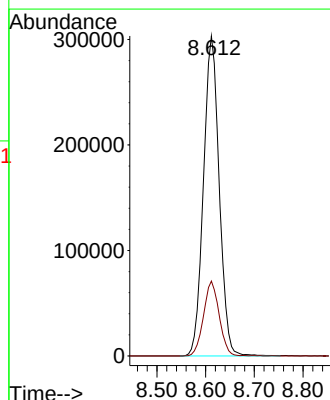
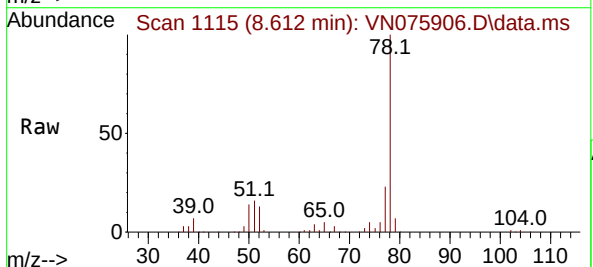
Delta R.T. -0.000 min

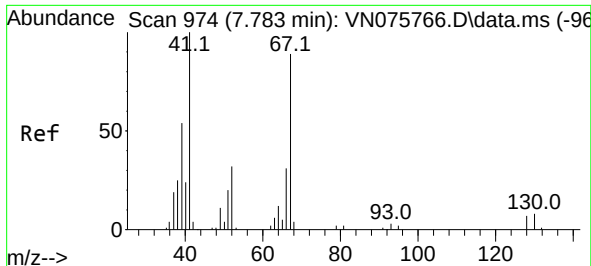
Lab File: VN075906.D

Acq: 20 Dec 2022 18:10

Tgt Ion: 78 Resp: 680947

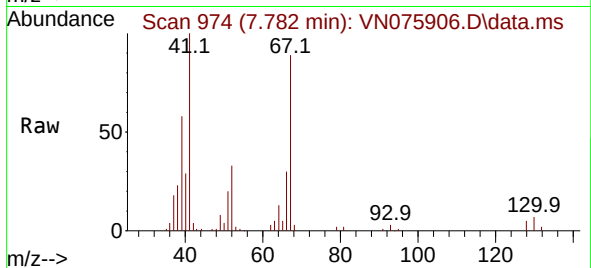
Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.5	27.7





#41
Methacrylonitrile
Concen: 50.689 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075906.D
Acq: 20 Dec 2022 18:10

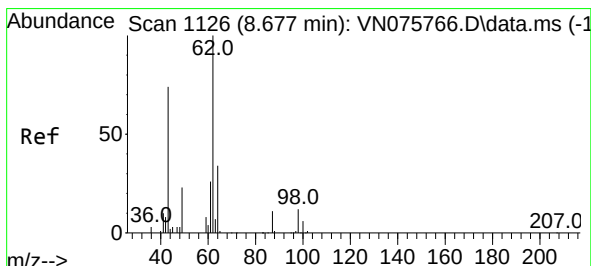
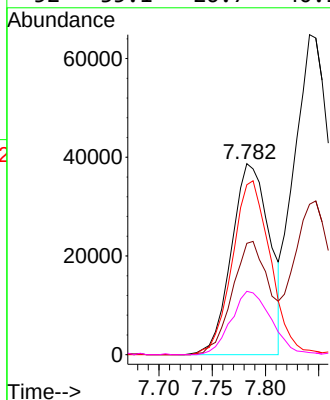
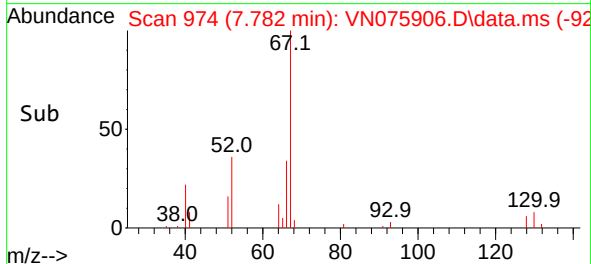
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



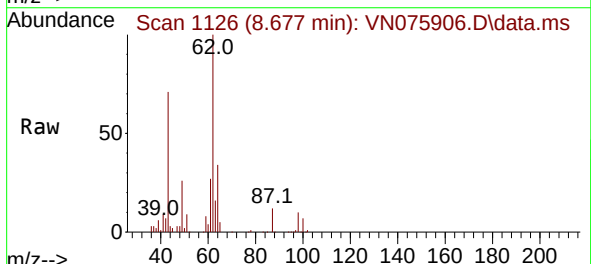
Tgt Ion: 41 Resp: 9634
Ion Ratio Lower Upper
41 100
39 57.5 43.1 64.7
67 91.6 70.7 106.1
52 35.1 26.7 40.1

Manual Integrations
APPROVED

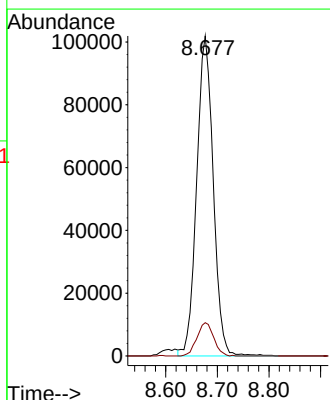
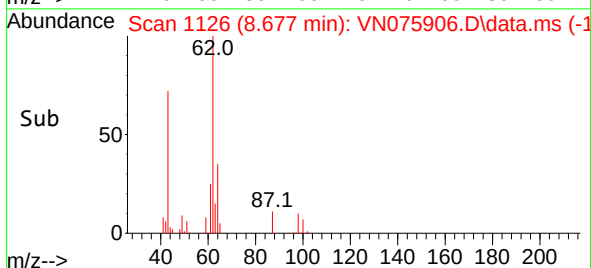
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

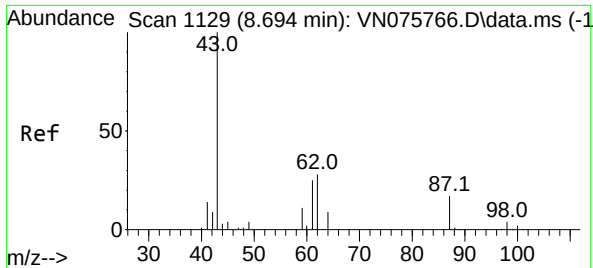


#42
1,2-Dichloroethane
Concen: 48.597 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN075906.D
Acq: 20 Dec 2022 18:10



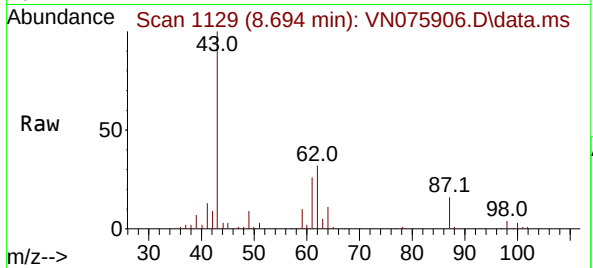
Tgt Ion: 62 Resp: 226919
Ion Ratio Lower Upper
62 100
98 10.5 0.0 20.8





#43
Isopropyl Acetate
Concen: 53.210 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VN075906.D
Acq: 20 Dec 2022 18:10

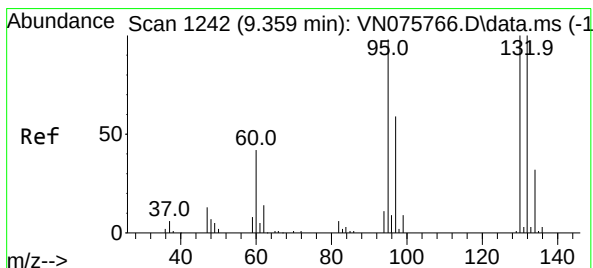
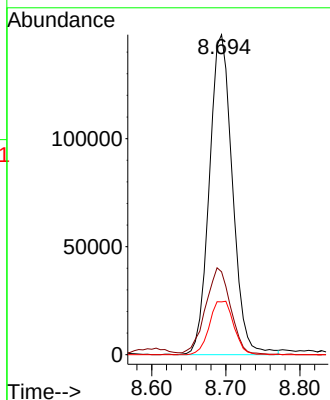
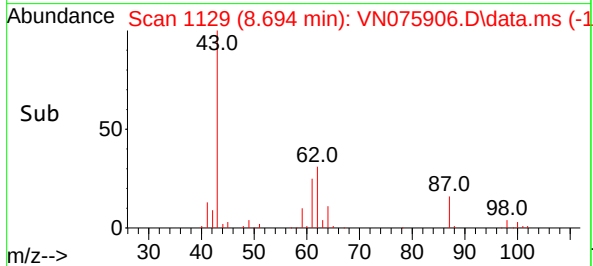
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



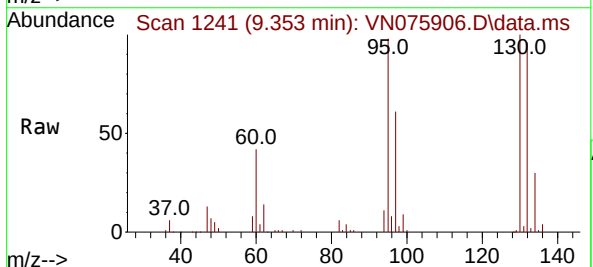
Tgt Ion: 43 Resp: 320948
Ion Ratio Lower Upper
43 100
61 29.6 24.2 36.4
87 17.6 13.3 19.9

Manual Integrations
APPROVED

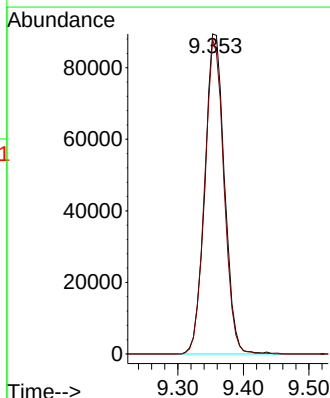
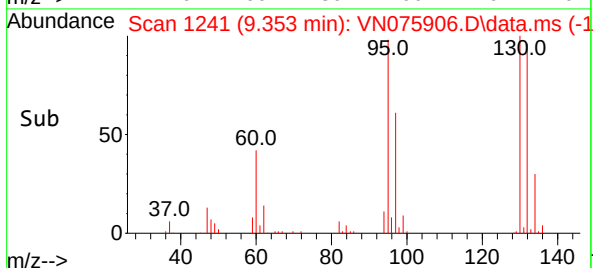
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

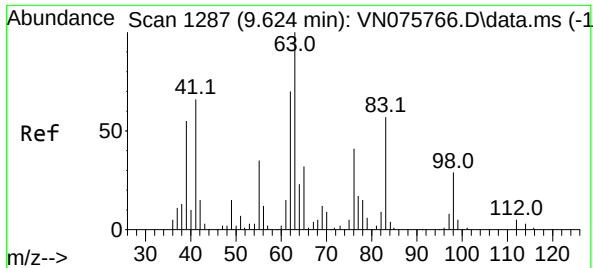


#44
Trichloroethene
Concen: 46.959 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. -0.006 min
Lab File: VN075906.D
Acq: 20 Dec 2022 18:10



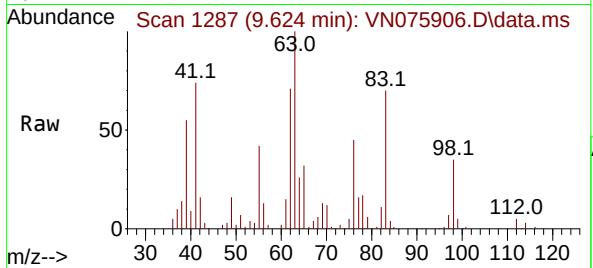
Tgt Ion:130 Resp: 185805
Ion Ratio Lower Upper
130 100
95 98.3 0.0 195.4





#45
1,2-Dichloropropane
Concen: 48.458 ug/l
RT: 9.624 min Scan# 1287
Delta R.T. -0.000 min
Lab File: VN075906.D
Acq: 20 Dec 2022 18:10

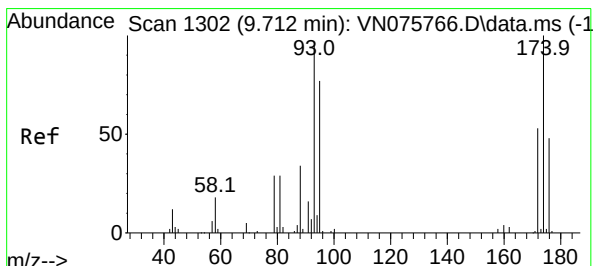
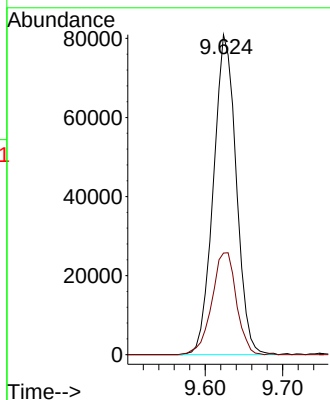
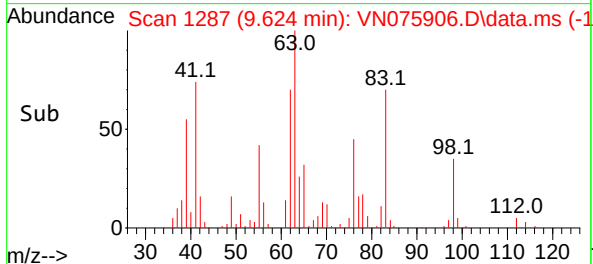
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



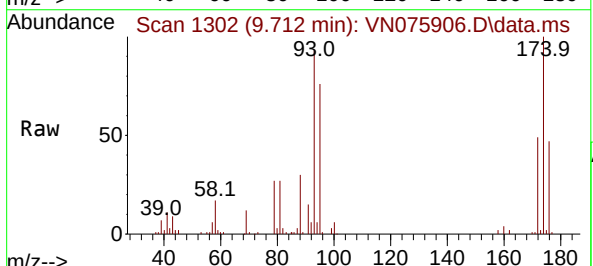
Tgt Ion: 63 Resp: 16562
Ion Ratio Lower Upper
63 100
65 31.8 25.7 38.5

Manual Integrations
APPROVED

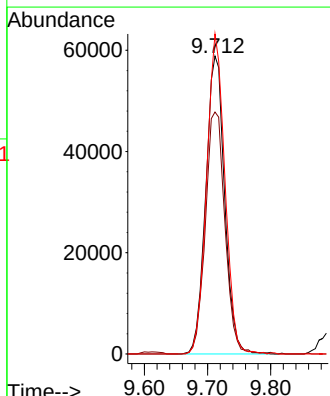
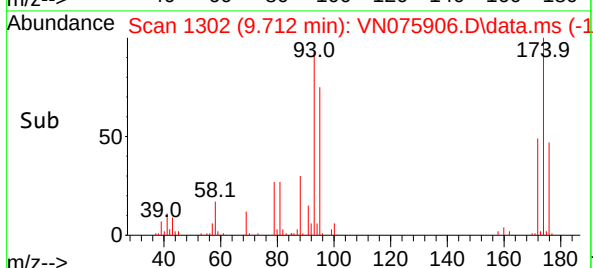
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

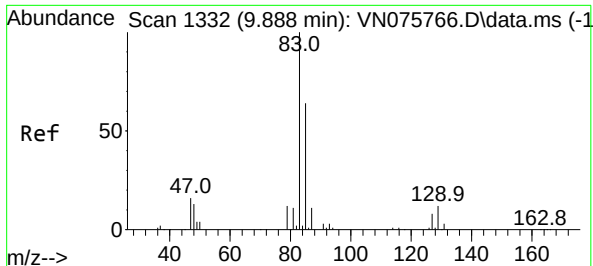


#46
Dibromomethane
Concen: 48.238 ug/l
RT: 9.712 min Scan# 1302
Delta R.T. -0.000 min
Lab File: VN075906.D
Acq: 20 Dec 2022 18:10



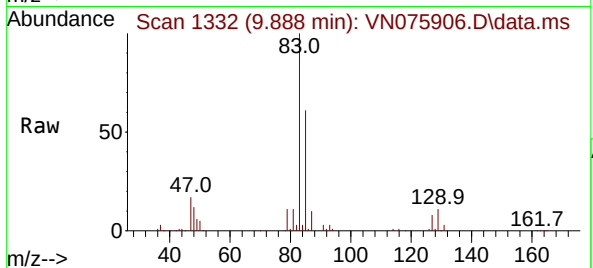
Tgt Ion: 93 Resp: 122284
Ion Ratio Lower Upper
93 100
95 84.1 65.2 97.8
174 104.2 82.4 123.6





#47
Bromodichloromethane
Concen: 50.237 ug/l
RT: 9.888 min Scan# 1332
Delta R.T. -0.000 min
Lab File: VN075906.D
Acq: 20 Dec 2022 18:10

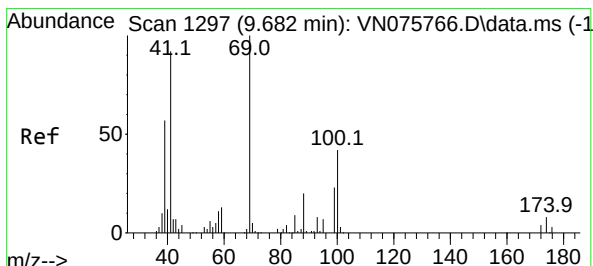
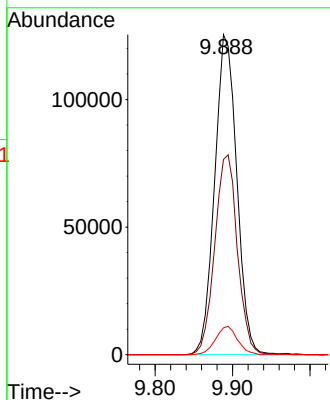
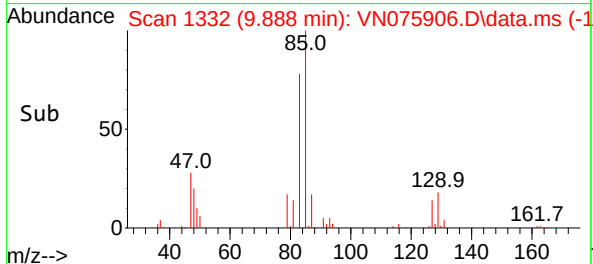
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



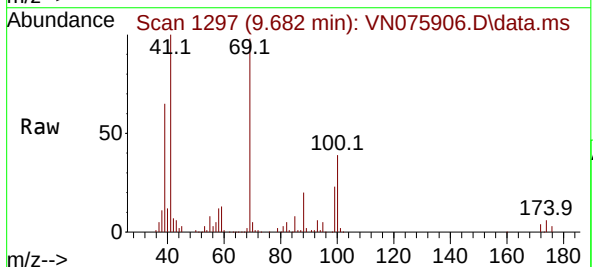
Tgt Ion: 83 Resp: 24974
Ion Ratio Lower Upper
83 100
85 61.0 51.5 77.3
127 8.4 6.6 10.0

Manual Integrations
APPROVED

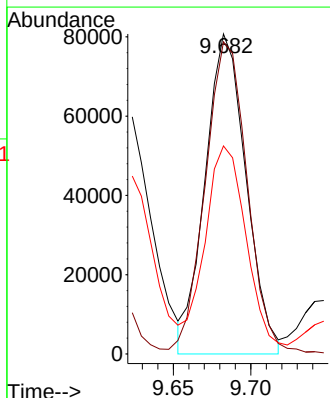
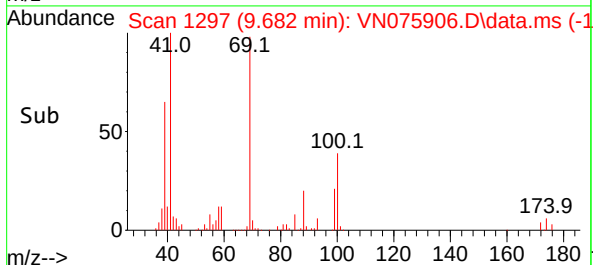
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

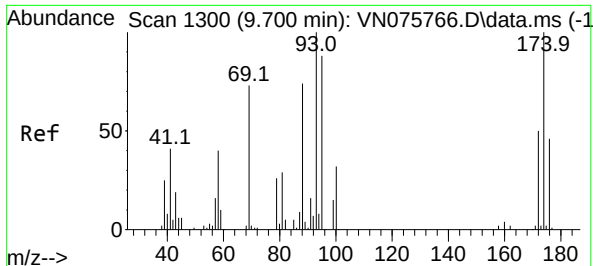


#48
Methyl methacrylate
Concen: 54.425 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. -0.000 min
Lab File: VN075906.D
Acq: 20 Dec 2022 18:10



Tgt Ion: 41 Resp: 147854
Ion Ratio Lower Upper
41 100
69 99.9 81.9 122.9
39 67.2 51.6 77.4





#49

1,4-Dioxane

Concen: 968.960 ug/l

RT: 9.694 min Scan# 1299

Delta R.T. -0.006 min

Lab File: VN075906.D

Acq: 20 Dec 2022 18:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 64714

Ion Ratio Lower Upper

88 100

43 24.4 17.1 25.7

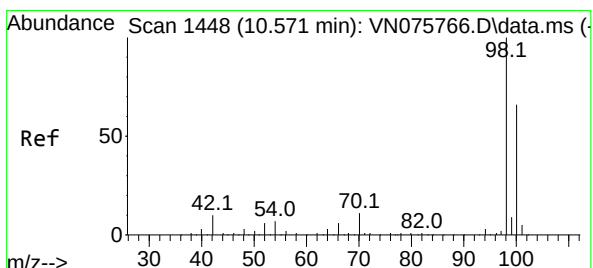
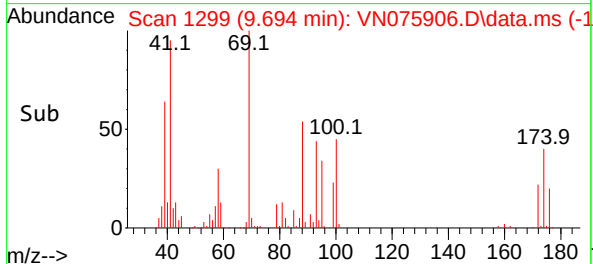
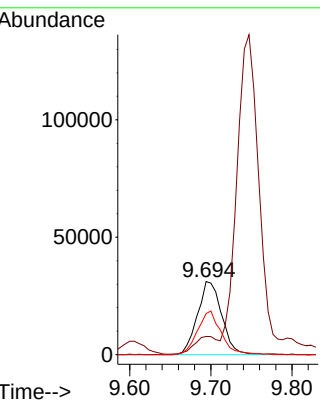
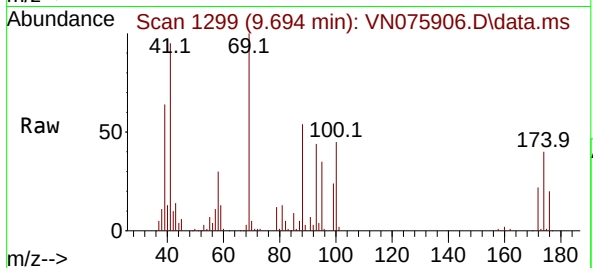
58 58.1 47.8 71.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#50

Toluene-d8

Concen: 53.904 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN075906.D

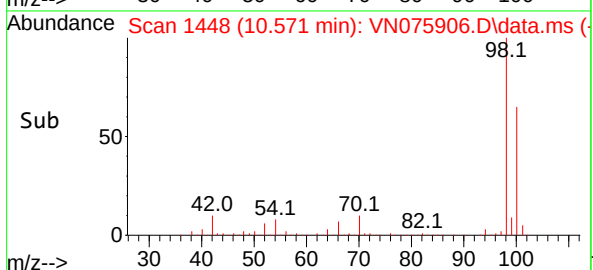
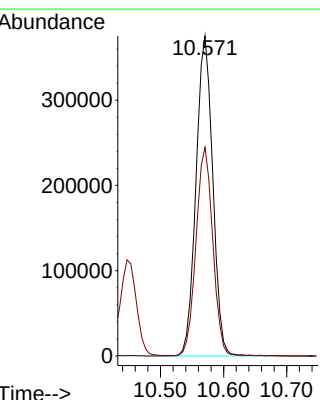
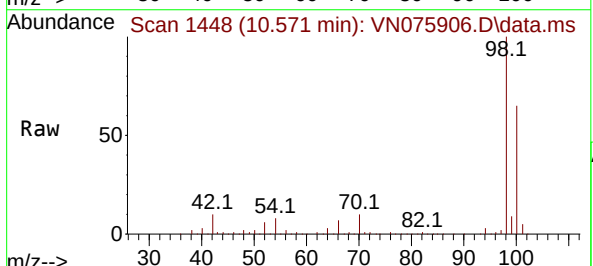
Acq: 20 Dec 2022 18:10

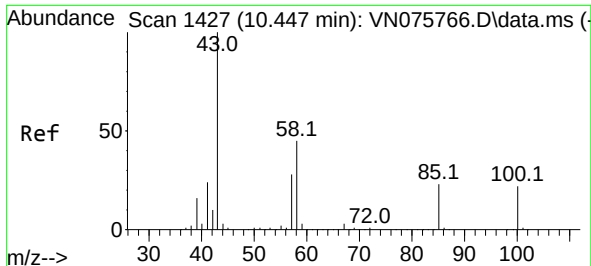
Tgt Ion: 98 Resp: 690645

Ion Ratio Lower Upper

98 100

100 65.3 52.1 78.1





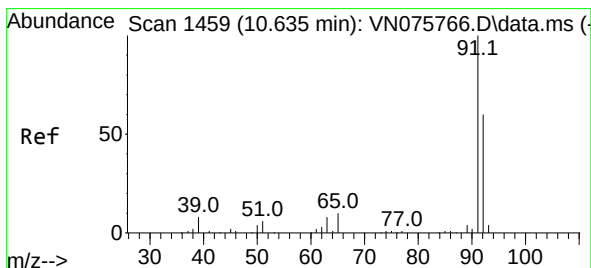
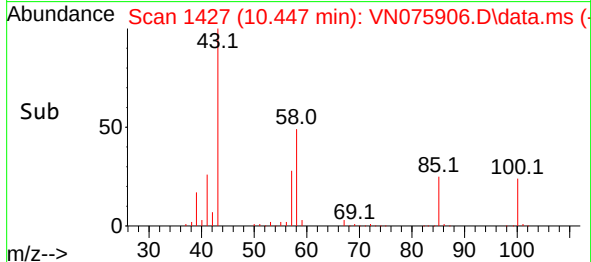
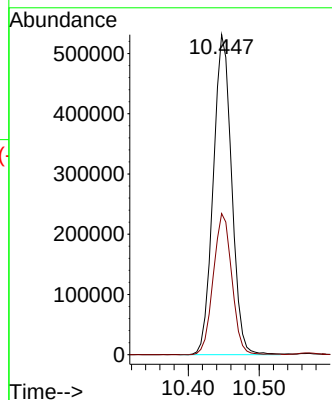
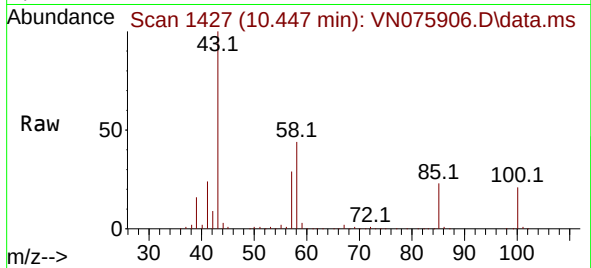
#51
4-Methyl-2-Pentanone
Concen: 261.834 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN075906.D
Acq: 20 Dec 2022 18:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 95510
Ion Ratio Lower Upper
43 100
58 44.4 35.5 53.3

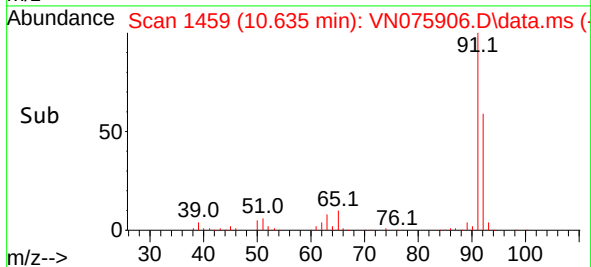
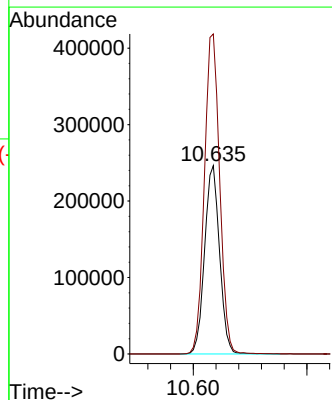
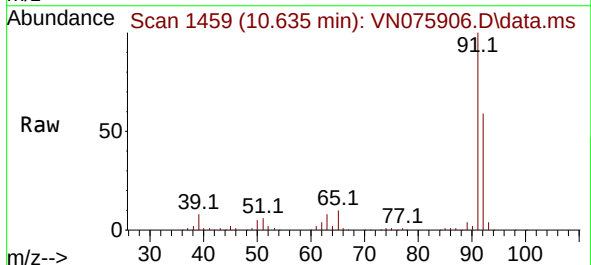
Manual Integrations
APPROVED

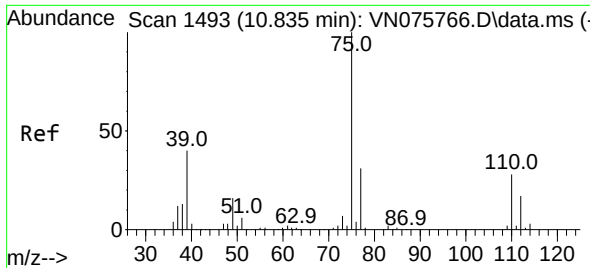
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#52
Toluene
Concen: 48.973 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VN075906.D
Acq: 20 Dec 2022 18:10

Tgt Ion: 92 Resp: 447972
Ion Ratio Lower Upper
92 100
91 173.9 137.3 205.9





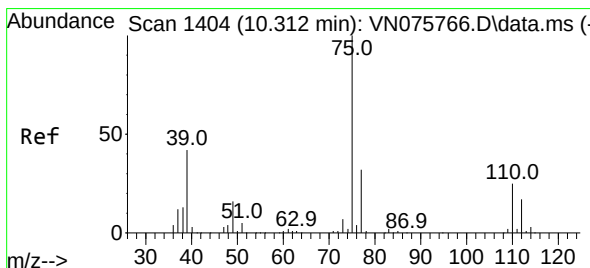
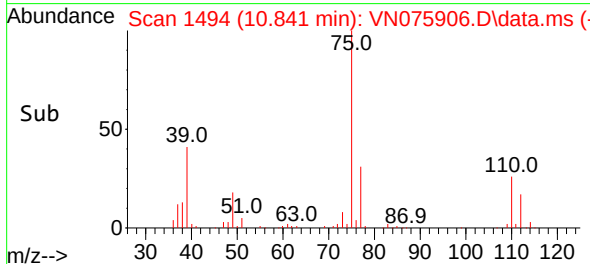
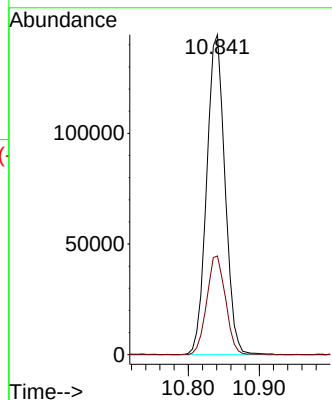
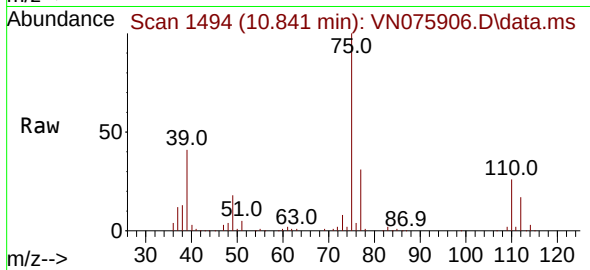
#53
t-1,3-Dichloropropene
Concen: 53.267 ug/l
RT: 10.841 min Scan# 1493
Delta R.T. 0.006 min
Lab File: VN075906.D
Acq: 20 Dec 2022 18:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 259214
Ion Ratio Lower Upper
75 100
77 30.8 24.9 37.3

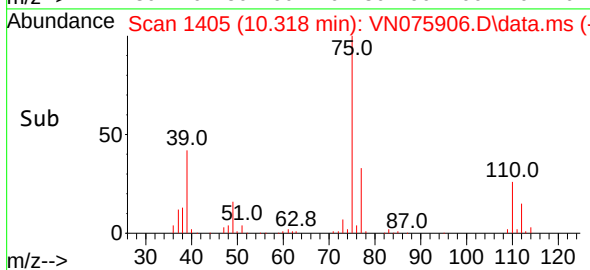
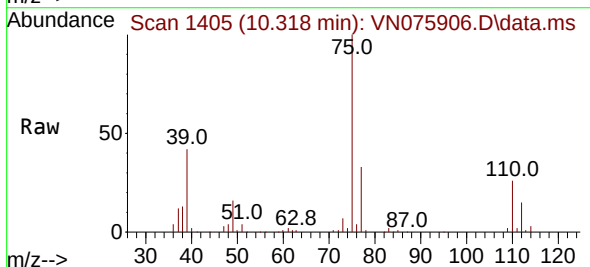
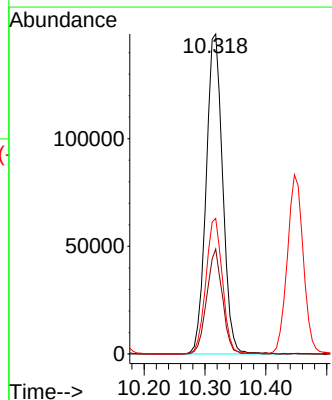
Manual Integrations
APPROVED

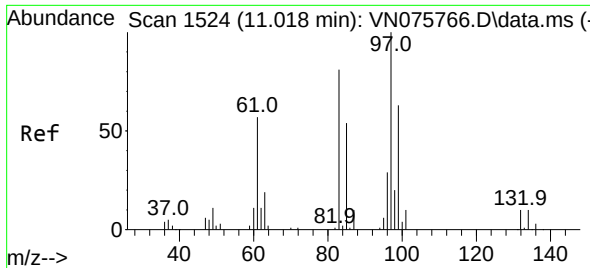
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#54
cis-1,3-Dichloropropene
Concen: 52.515 ug/l
RT: 10.318 min Scan# 1405
Delta R.T. 0.006 min
Lab File: VN075906.D
Acq: 20 Dec 2022 18:10

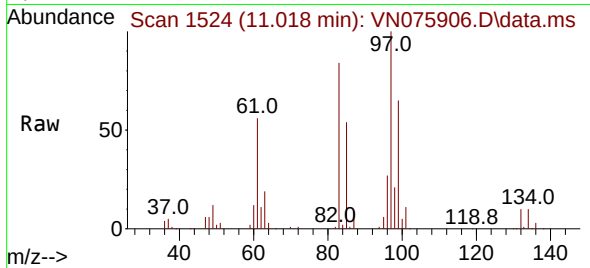
Tgt Ion: 75 Resp: 280582
Ion Ratio Lower Upper
75 100
77 32.8 25.8 38.8
39 42.2 33.4 50.2





#55
1,1,2-Trichloroethane
Concen: 49.874 ug/l
RT: 11.018 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN075906.D
Acq: 20 Dec 2022 18:10

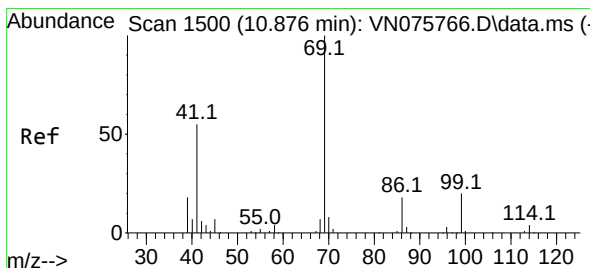
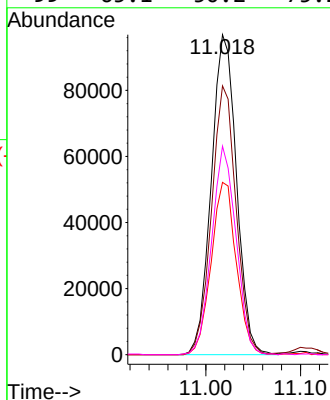
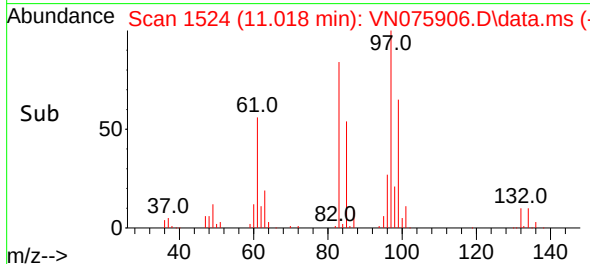
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



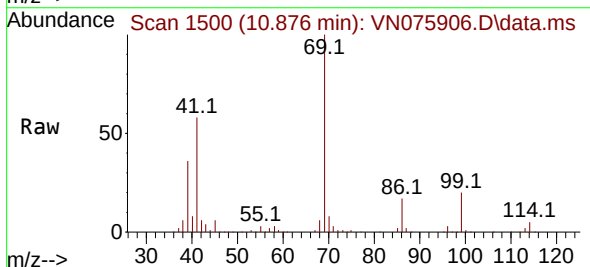
Tgt Ion: 97 Resp: 179060
Ion Ratio Lower Upper
97 100
83 84.0 65.0 97.4
85 53.8 43.0 64.6
99 65.1 50.2 75.2

Manual Integrations
APPROVED

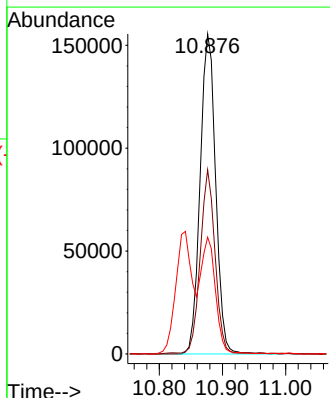
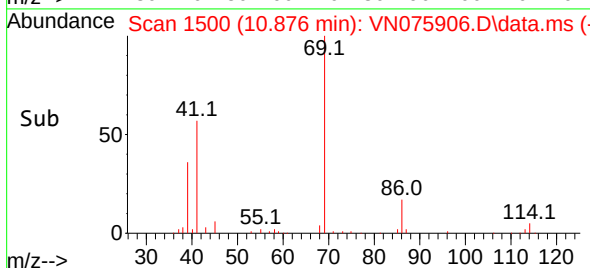
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

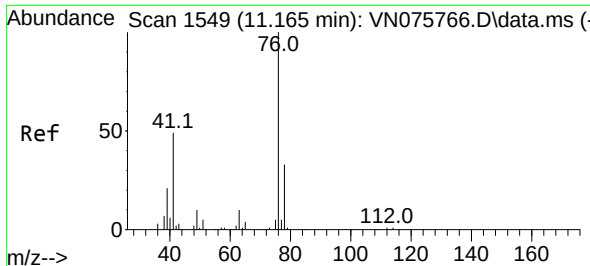


#56
Ethyl methacrylate
Concen: 55.521 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN075906.D
Acq: 20 Dec 2022 18:10



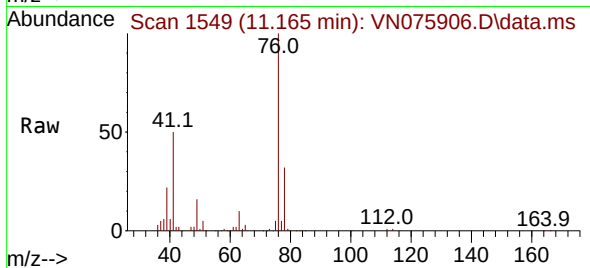
Tgt Ion: 69 Resp: 264776
Ion Ratio Lower Upper
69 100
41 55.2 44.2 66.4
39 33.9 26.4 39.6





#57
1,3-Dichloropropane
Concen: 49.594 ug/l
RT: 11.165 min Scan# 1549
Delta R.T. -0.000 min
Lab File: VN075906.D
Acq: 20 Dec 2022 18:10

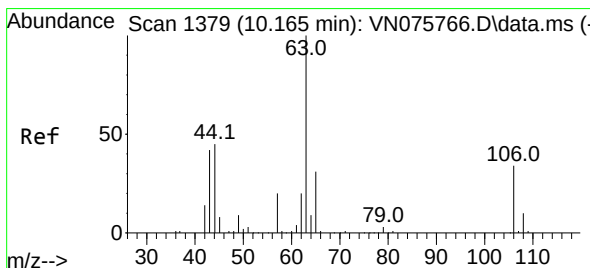
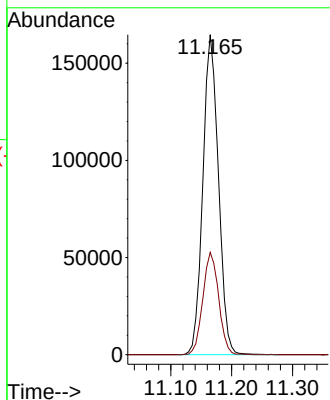
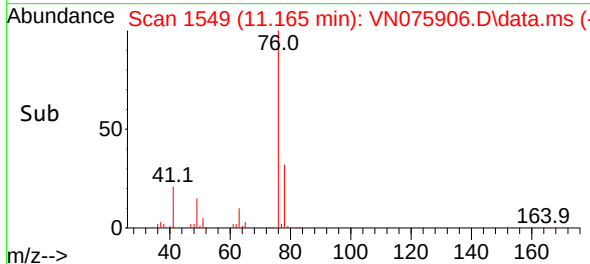
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



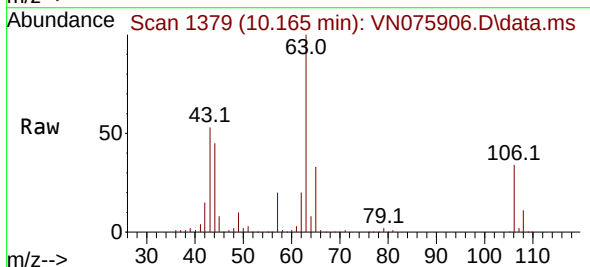
Tgt Ion: 76 Resp: 292073
Ion Ratio Lower Upper
76 100
78 32.6 26.2 39.2

Manual Integrations
APPROVED

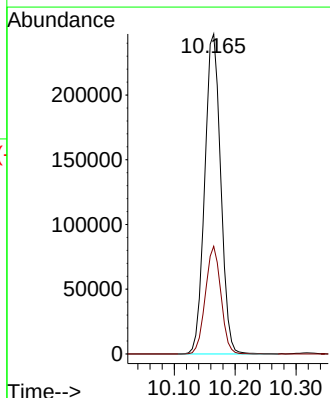
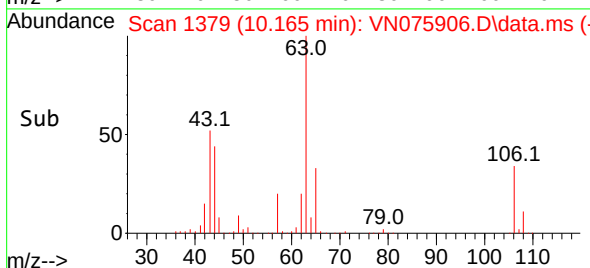
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

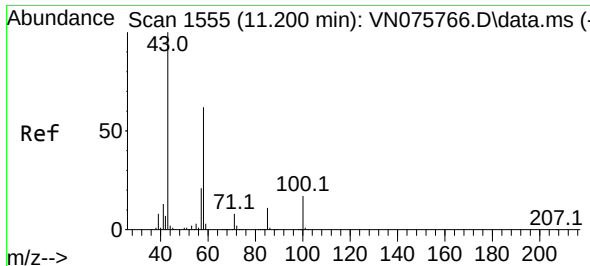


#58
2-Chloroethyl Vinyl ether
Concen: 295.972 ug/l
RT: 10.165 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VN075906.D
Acq: 20 Dec 2022 18:10



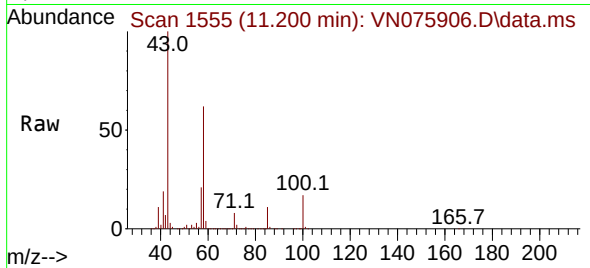
Tgt Ion: 63 Resp: 449388
Ion Ratio Lower Upper
63 100
106 32.8 26.4 39.6





#59
2-Hexanone
Concen: 261.378 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN075906.D
Acq: 20 Dec 2022 18:10

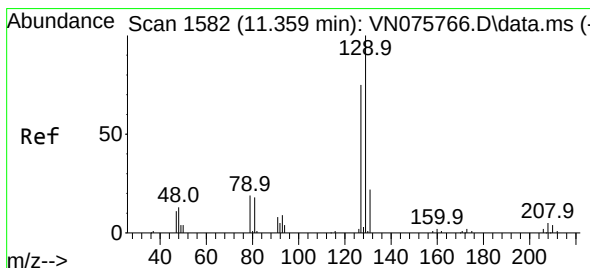
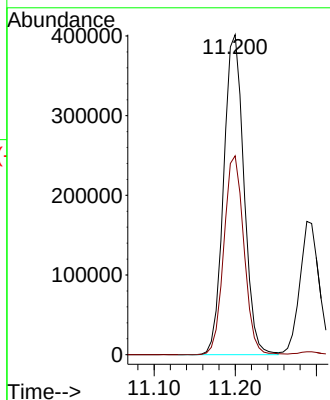
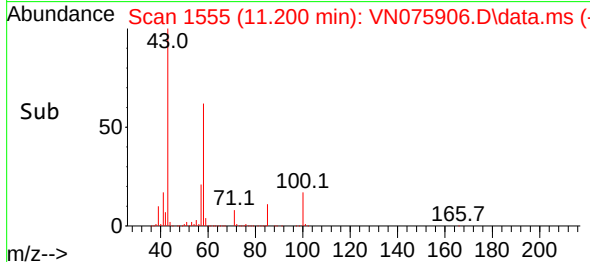
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 69531
Ion Ratio Lower Upper
43 100
58 61.6 30.6 92.0

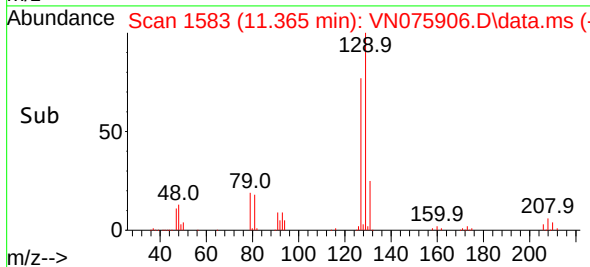
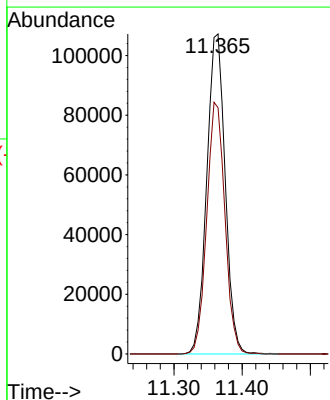
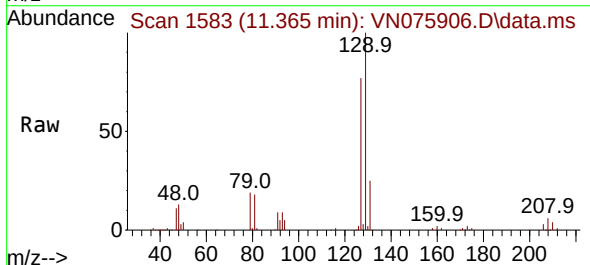
Manual Integrations
APPROVED

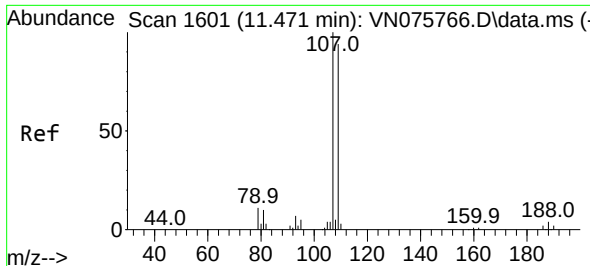
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#60
Dibromochloromethane
Concen: 50.466 ug/l
RT: 11.365 min Scan# 1583
Delta R.T. 0.006 min
Lab File: VN075906.D
Acq: 20 Dec 2022 18:10

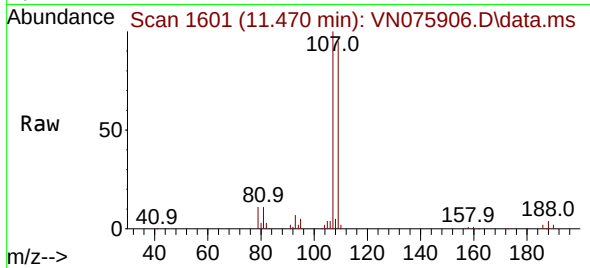
Tgt Ion:129 Resp: 201500
Ion Ratio Lower Upper
129 100
127 77.5 38.3 114.9





#61
1,2-Dibromoethane
Concen: 50.143 ug/l
RT: 11.470 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN075906.D
Acq: 20 Dec 2022 18:10

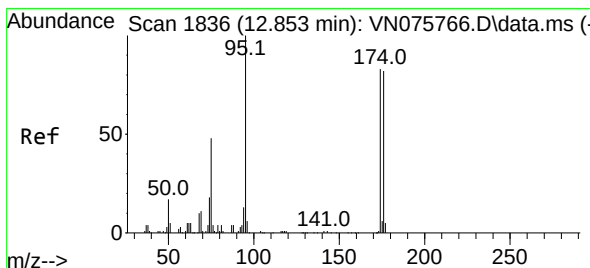
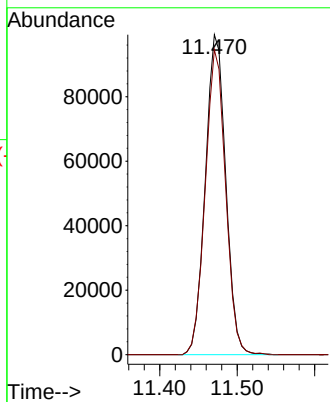
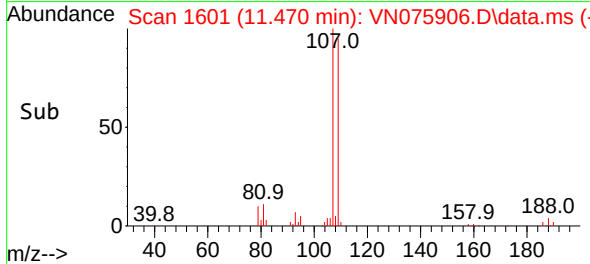
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 182180
Ion Ratio Lower Upper
107 100
109 95.0 74.8 112.2

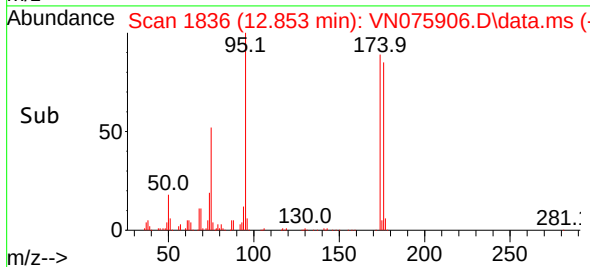
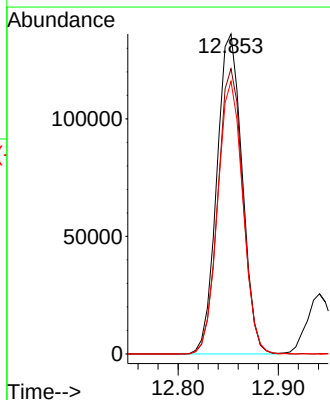
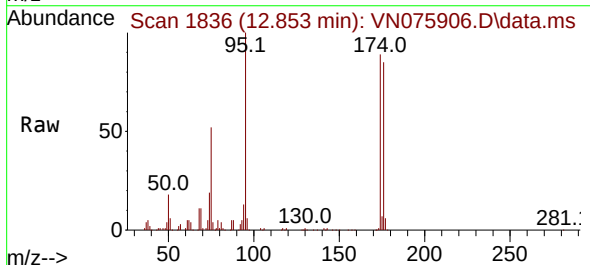
Manual Integrations
APPROVED

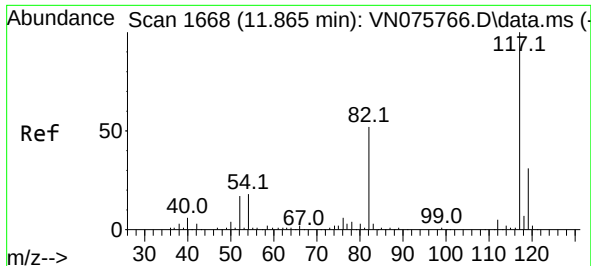
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#62
4-Bromofluorobenzene
Concen: 56.308 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075906.D
Acq: 20 Dec 2022 18:10

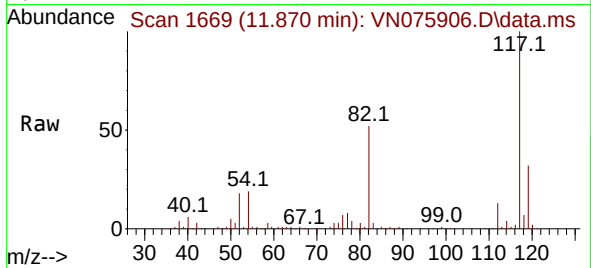
Tgt Ion: 95 Resp: 238951
Ion Ratio Lower Upper
95 100
174 87.9 0.0 171.6
176 84.5 0.0 169.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075906.D
Acq: 20 Dec 2022 18:10

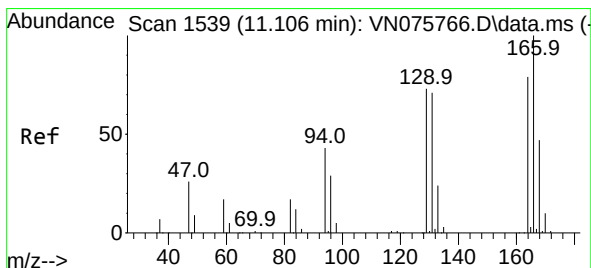
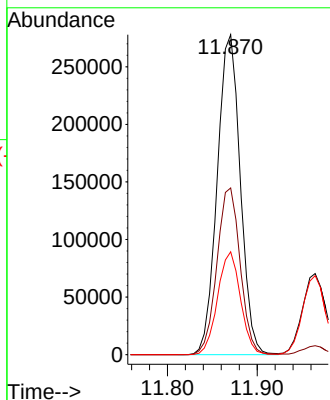
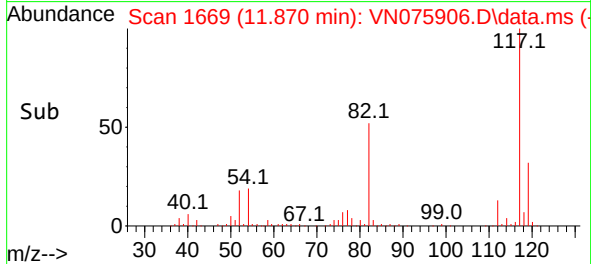
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 496458
Ion Ratio Lower Upper
117 100
82 52.1 41.3 61.9
119 32.2 24.6 37.0

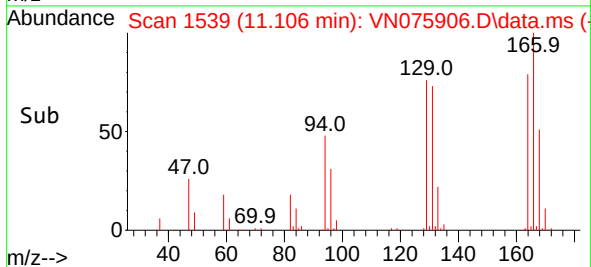
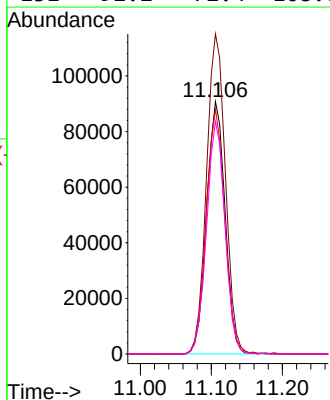
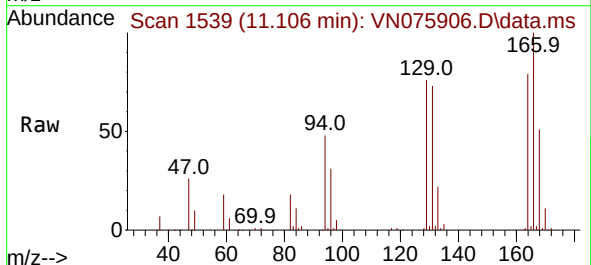
Manual Integrations
APPROVED

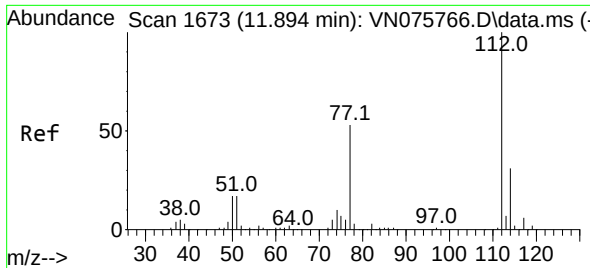
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#64
Tetrachloroethene
Concen: 47.335 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN075906.D
Acq: 20 Dec 2022 18:10

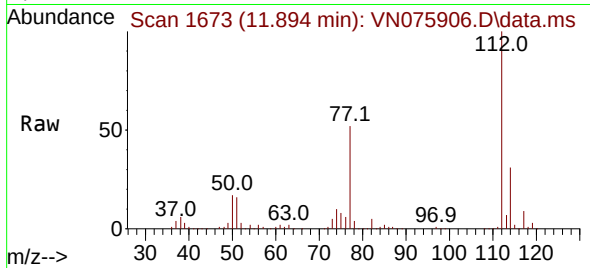
Tgt Ion:164 Resp: 165364
Ion Ratio Lower Upper
164 100
166 126.8 101.9 152.9
129 96.9 74.2 111.2
131 92.2 72.4 108.6





#65
Chlorobenzene
Concen: 48.528 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN075906.D
Acq: 20 Dec 2022 18:10

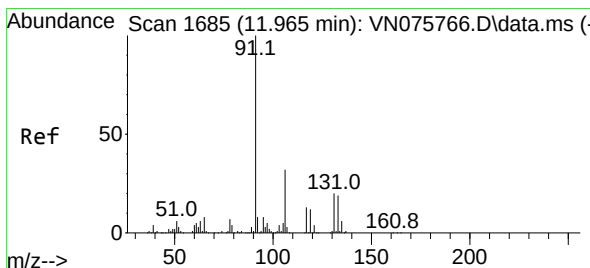
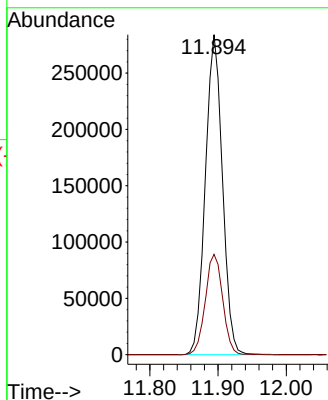
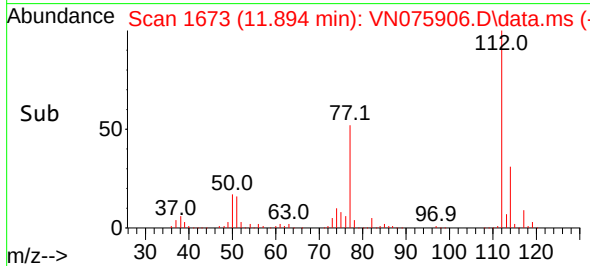
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



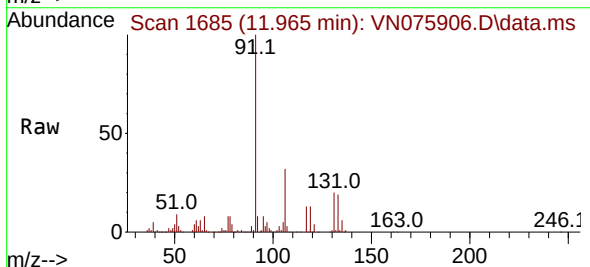
Tgt Ion:112 Resp: 494489
Ion Ratio Lower Upper
112 100
114 31.3 24.7 37.1

Manual Integrations
APPROVED

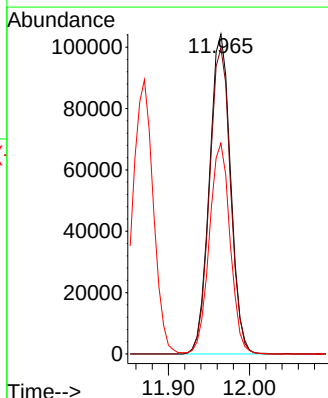
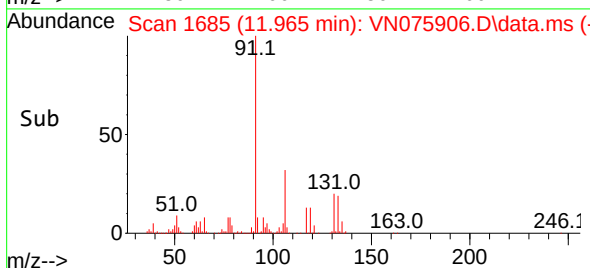
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

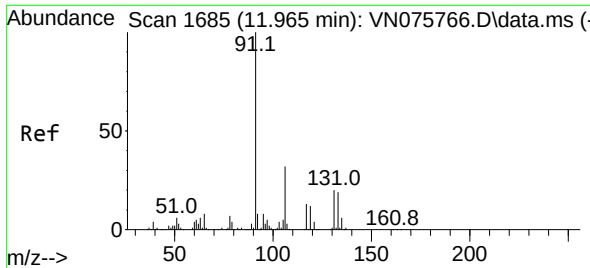


#66
1,1,1,2-Tetrachloroethane
Concen: 49.885 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075906.D
Acq: 20 Dec 2022 18:10



Tgt Ion:131 Resp: 188276
Ion Ratio Lower Upper
131 100
133 95.3 47.5 142.5
119 64.9 31.9 95.7





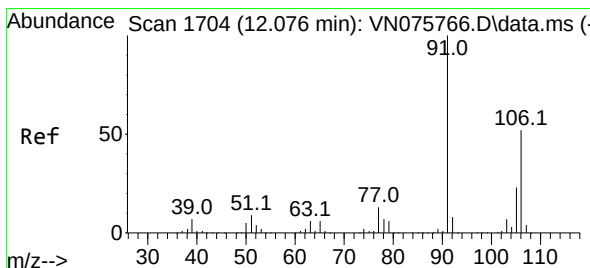
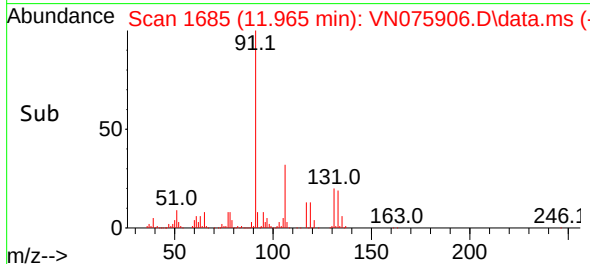
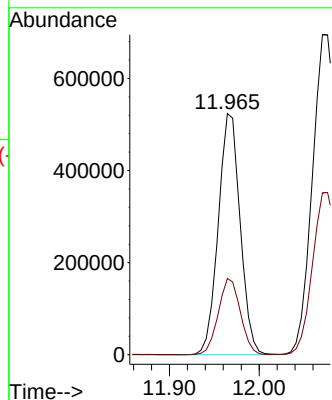
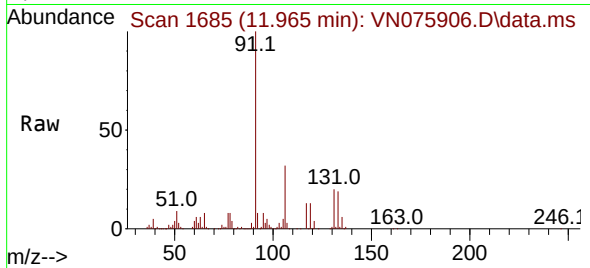
#67
Ethyl Benzene
Concen: 51.647 ug/l
RT: 11.965 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VN075906.D
Acq: 20 Dec 2022 18:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 88820
Ion Ratio Lower Upper
91 100
106 31.6 25.7 38.5

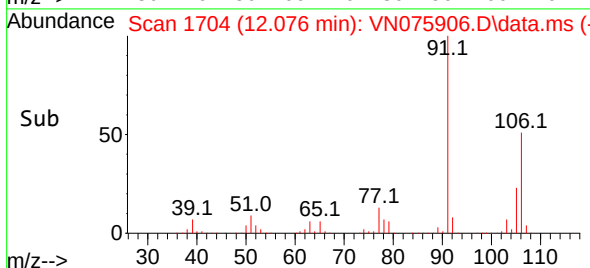
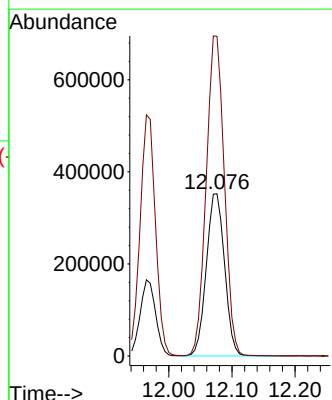
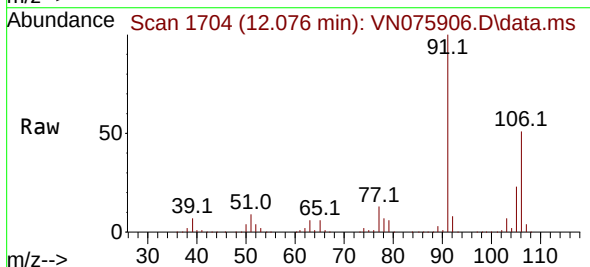
Manual Integrations
APPROVED

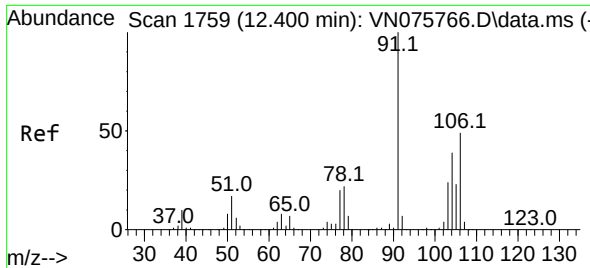
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#68
m/p-Xylenes
Concen: 103.770 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VN075906.D
Acq: 20 Dec 2022 18:10

Tgt Ion:106 Resp: 706340
Ion Ratio Lower Upper
106 100
91 195.7 156.6 235.0





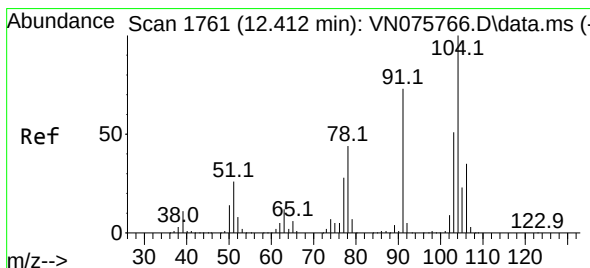
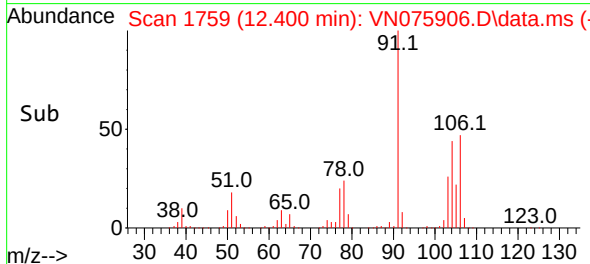
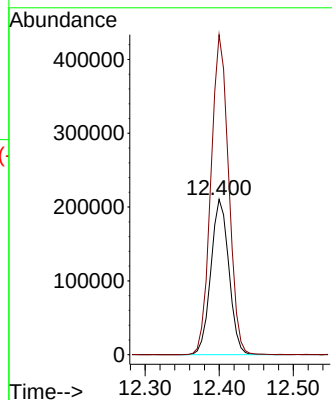
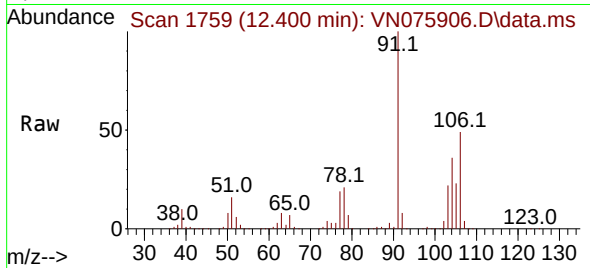
#69
o-Xylene
Concen: 52.712 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075906.D
Acq: 20 Dec 2022 18:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 355074
Ion Ratio Lower Upper
106 100
91 203.2 103.8 311.6

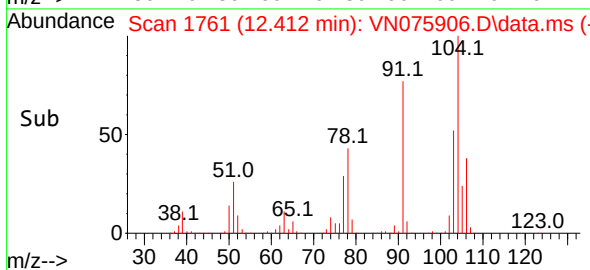
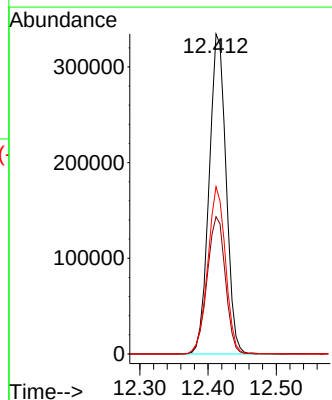
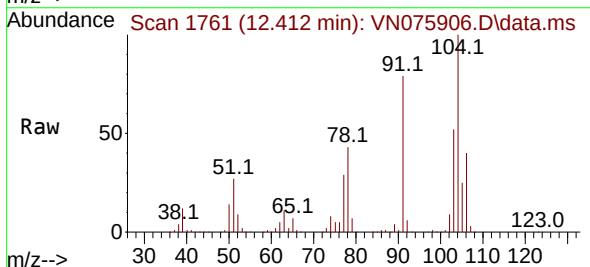
Manual Integrations
APPROVED

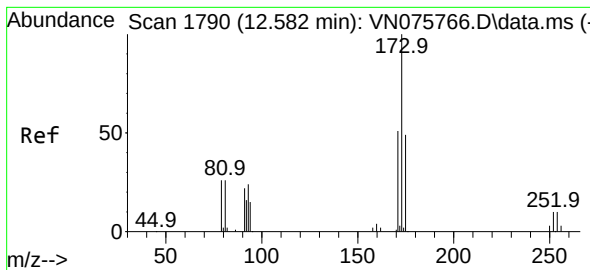
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#70
Styrene
Concen: 54.036 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075906.D
Acq: 20 Dec 2022 18:10

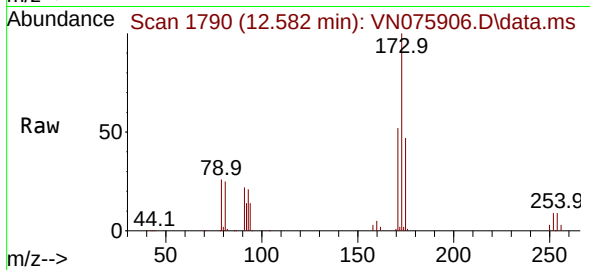
Tgt Ion:104 Resp: 578746
Ion Ratio Lower Upper
104 100
78 46.2 37.5 56.3
103 54.8 43.5 65.3





#71
Bromoform
Concen: 53.970 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VN075906.D
Acq: 20 Dec 2022 18:10

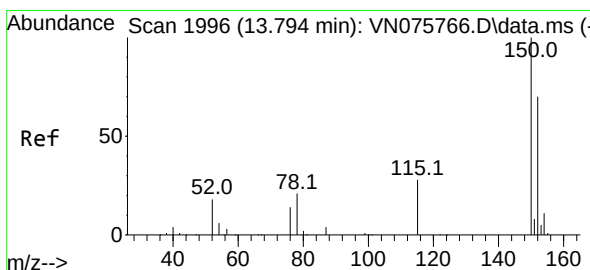
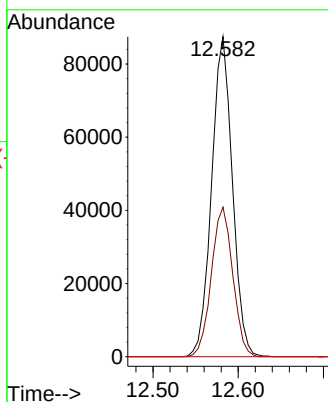
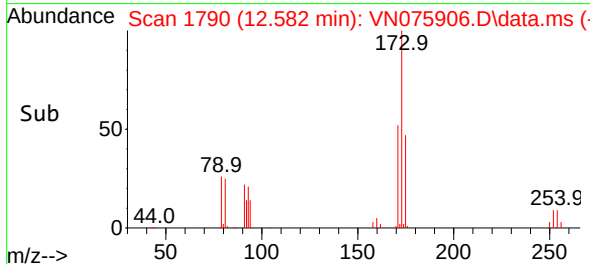
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



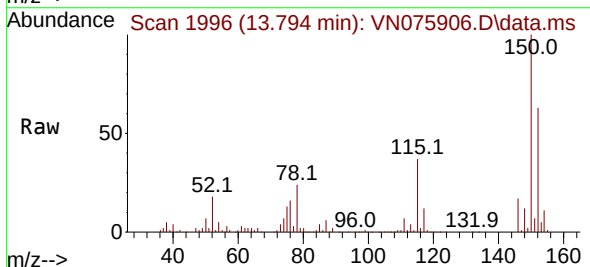
Tgt Ion:173 Resp: 14822
Ion Ratio Lower Upper
173 100
175 48.0 24.3 72.8
254 0.0 0.0 0.0

Manual Integrations
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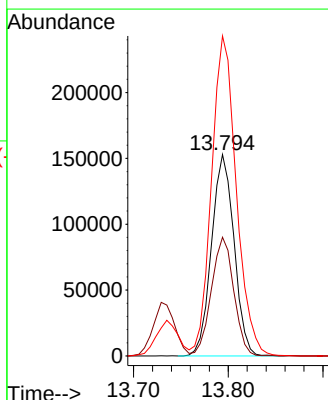
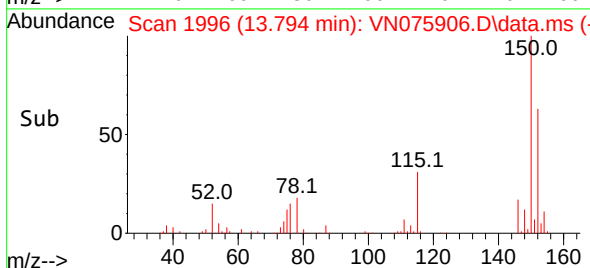
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

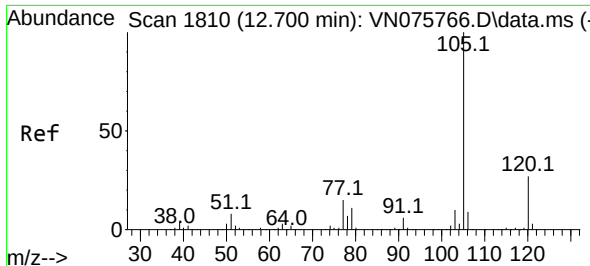


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075906.D
Acq: 20 Dec 2022 18:10



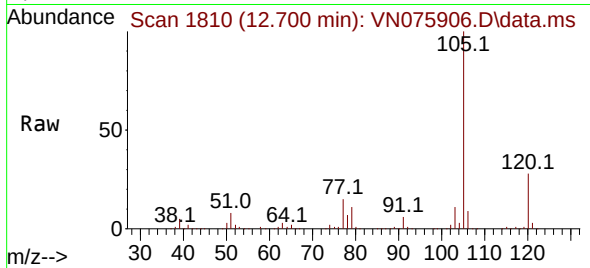
Tgt Ion:152 Resp: 252978
Ion Ratio Lower Upper
152 100
115 58.8 29.1 87.4
150 174.6 0.0 347.0





#73
Isopropylbenzene
Concen: 50.354 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VN075906.D
Acq: 20 Dec 2022 18:10

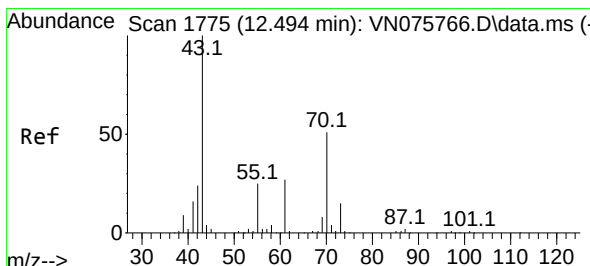
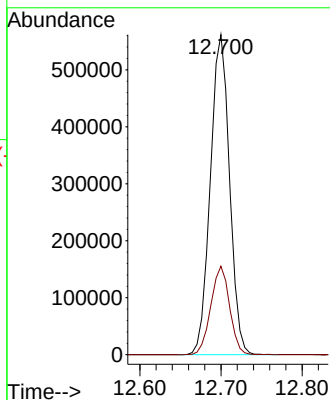
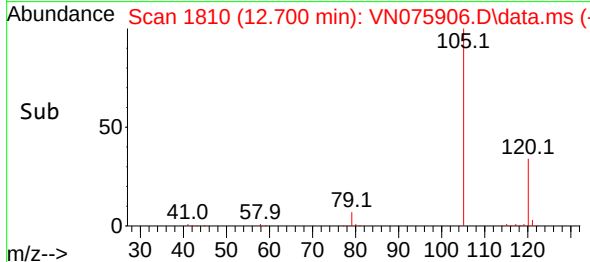
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



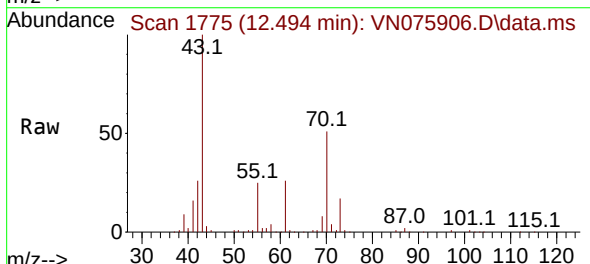
Tgt Ion:105 Resp: 920529
Ion Ratio Lower Upper
105 100
120 27.1 13.4 40.2

Manual Integrations
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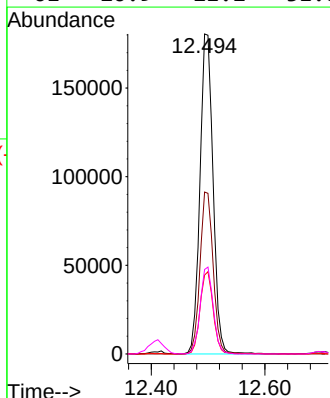
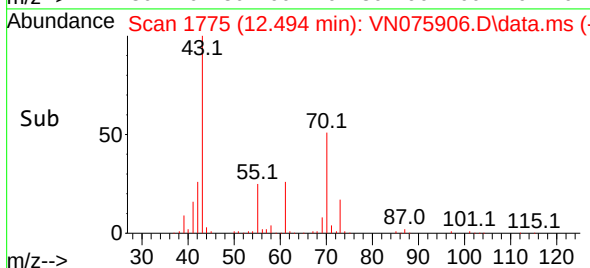
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

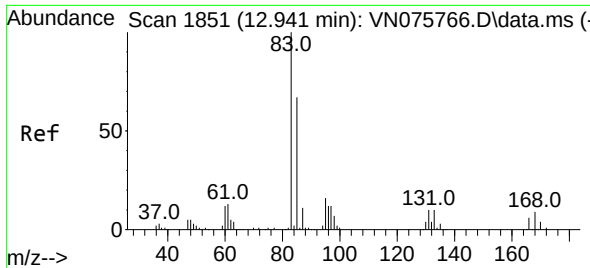


#74
N-ethyl acetate
Concen: 53.950 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN075906.D
Acq: 20 Dec 2022 18:10



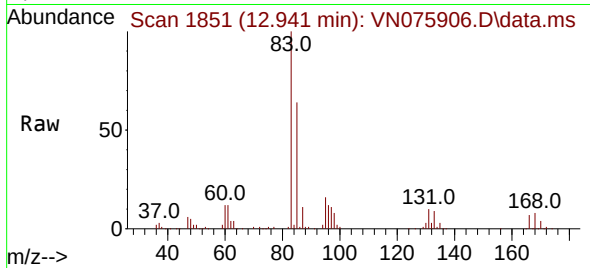
Tgt Ion: 43 Resp: 289341
Ion Ratio Lower Upper
43 100
70 50.6 41.4 62.0
55 25.7 21.3 31.9
61 26.9 21.2 31.8





#75
1,1,2,2-Tetrachloroethane
Concen: 46.619 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN075906.D
Acq: 20 Dec 2022 18:10

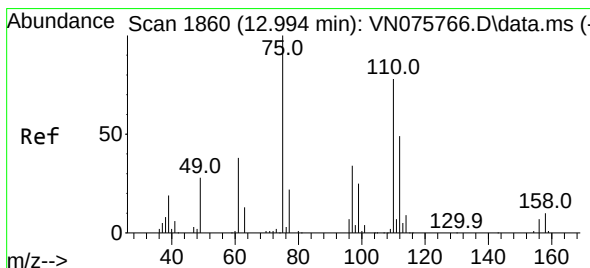
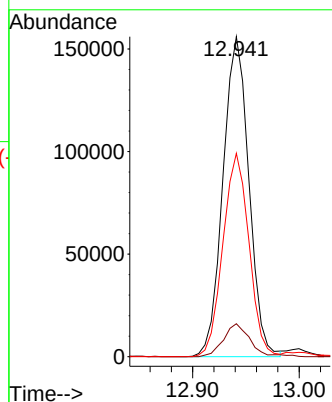
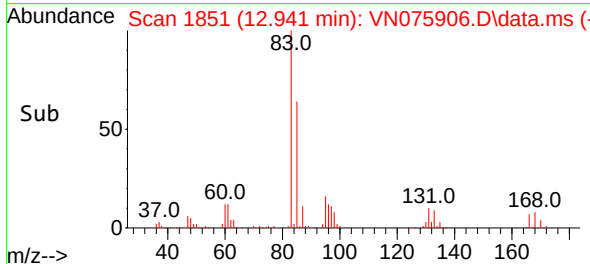
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



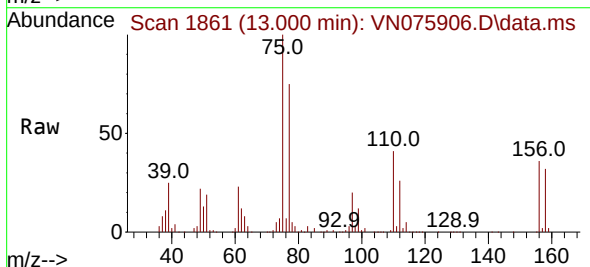
Tgt Ion: 83 Resp: 263464
Ion Ratio Lower Upper
83 100
131 10.6 5.6 16.8
85 63.7 32.6 98.0

Manual Integrations
APPROVED

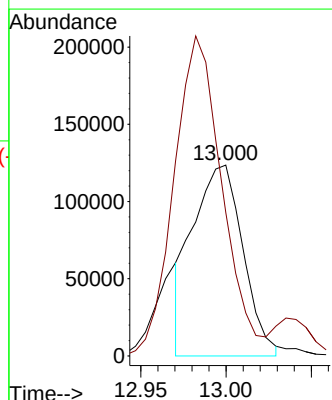
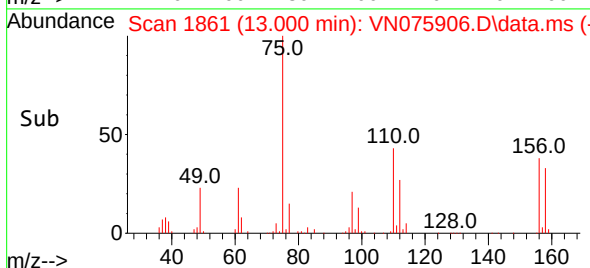
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

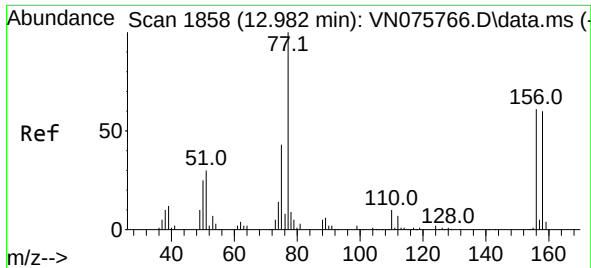


#76
1,2,3-Trichloropropane
Concen: 49.480 ug/l m
RT: 13.000 min Scan# 1861
Delta R.T. 0.006 min
Lab File: VN075906.D
Acq: 20 Dec 2022 18:10



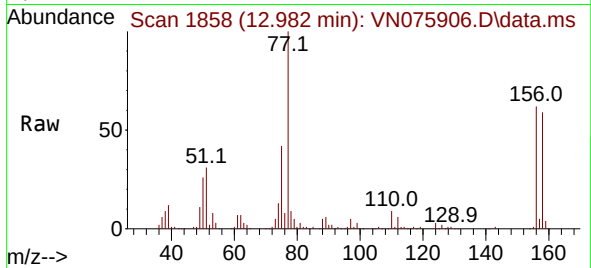
Tgt Ion: 75 Resp: 252318
Ion Ratio Lower Upper
75 100
77 161.1 82.6 247.8





#77
Bromobenzene
Concen: 47.296 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN075906.D
Acq: 20 Dec 2022 18:10

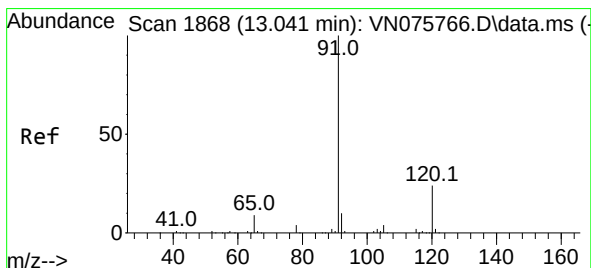
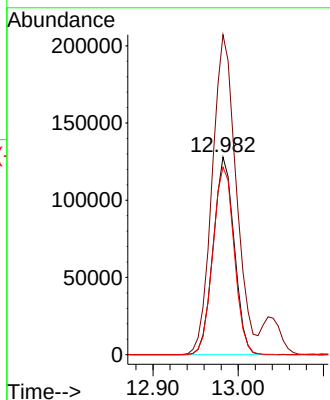
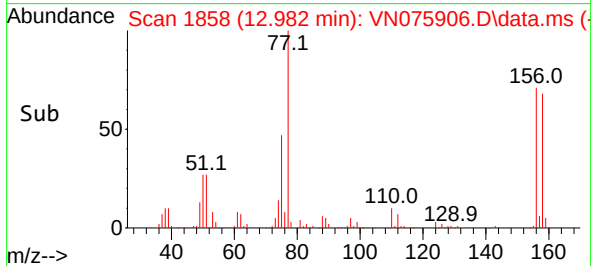
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 218818
Ion Ratio Lower Upper
156 100
77 185.8 93.8 281.3
158 96.6 48.9 146.6

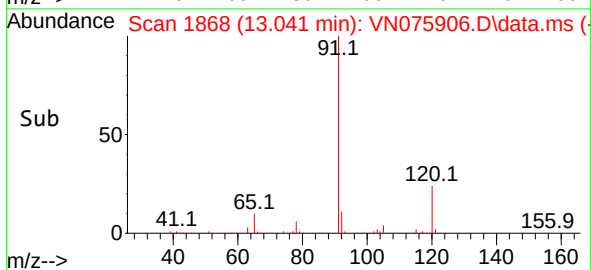
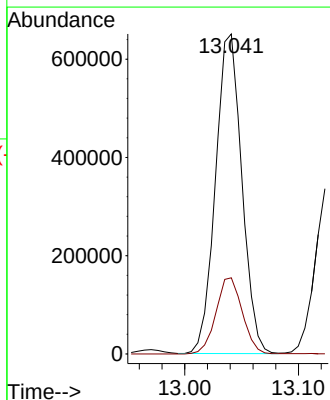
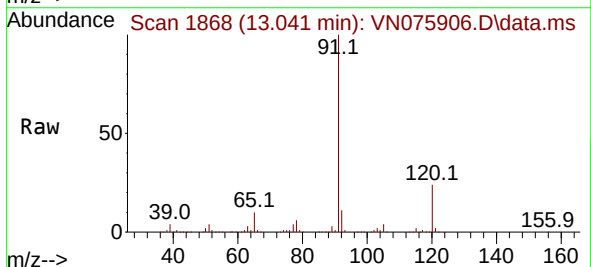
Manual Integrations
APPROVED

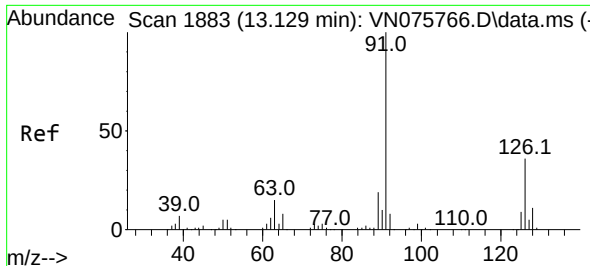
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#78
n-propylbenzene
Concen: 51.944 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN075906.D
Acq: 20 Dec 2022 18:10

Tgt Ion: 91 Resp: 1047350
Ion Ratio Lower Upper
91 100
120 23.9 12.0 36.1





#79
2-Chlorotoluene
Concen: 49.355 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN075906.D
Acq: 20 Dec 2022 18:10

Instrument :

MSVOA_N

ClientSampleId :

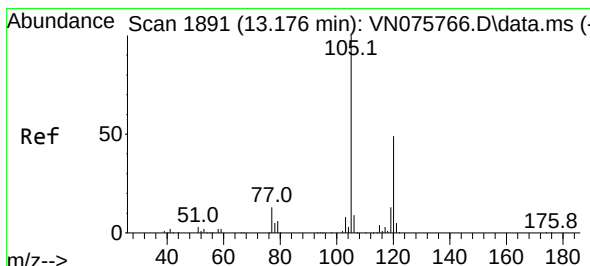
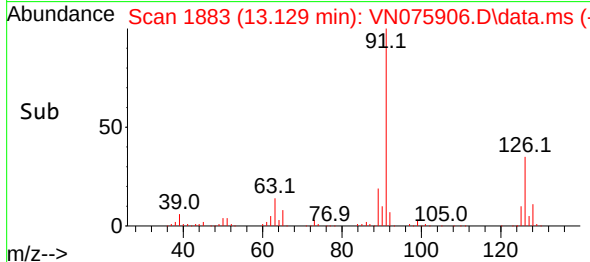
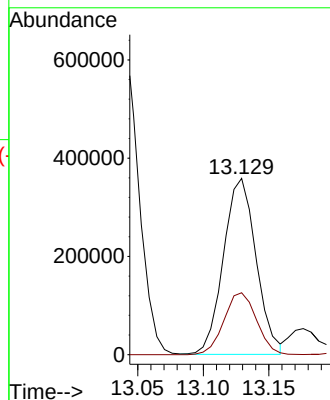
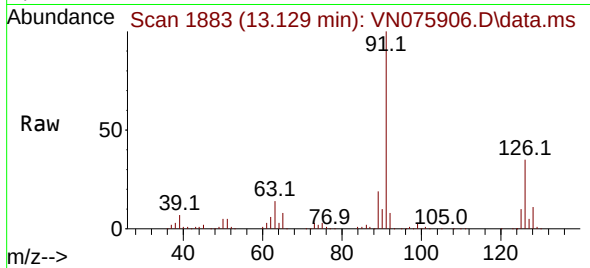
VSTDCCC050EC

Tgt Ion: 91 Resp: 621210
Ion Ratio Lower Upper
91 100
126 35.2 17.5 52.5

Manual Integrations

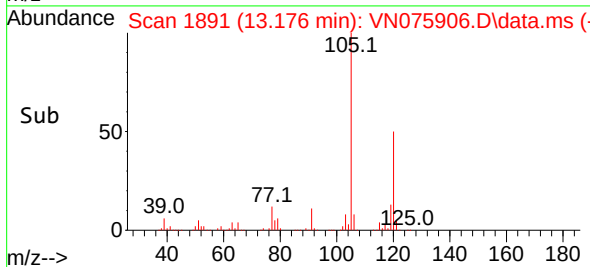
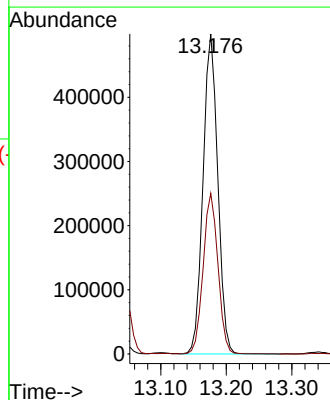
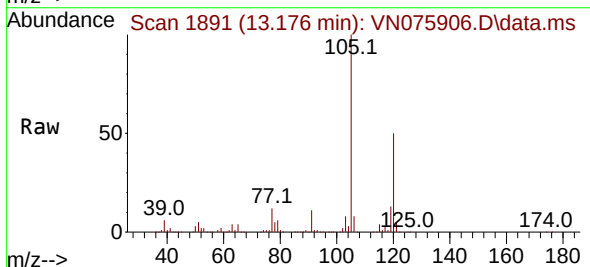
APPROVED

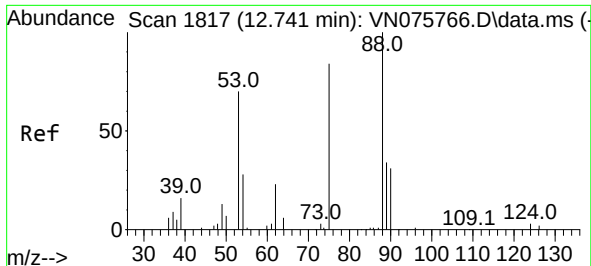
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#80
1,3,5-Trimethylbenzene
Concen: 51.112 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. -0.000 min
Lab File: VN075906.D
Acq: 20 Dec 2022 18:10

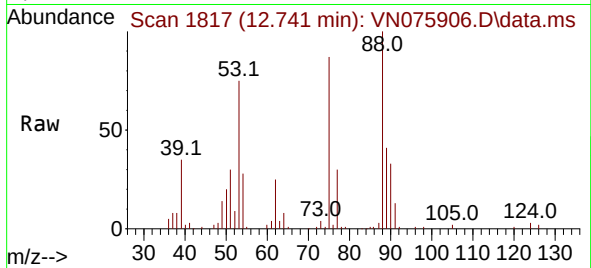
Tgt Ion:105 Resp: 782044
Ion Ratio Lower Upper
105 100
120 50.4 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 61.973 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. -0.000 min
Lab File: VN075906.D
Acq: 20 Dec 2022 18:10

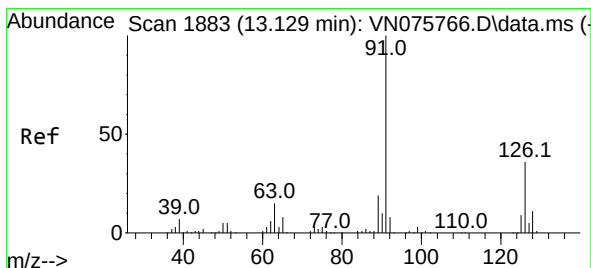
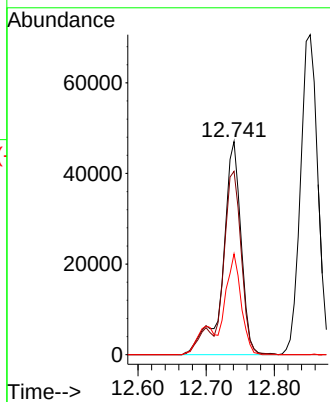
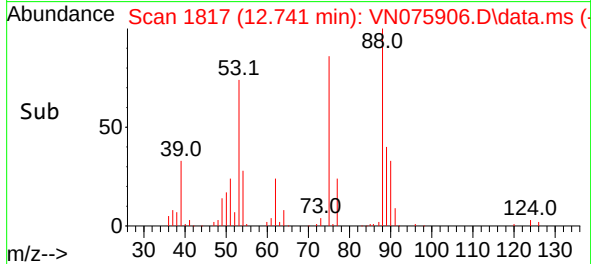
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 87798
Ion Ratio Lower Upper
75 100
53 79.5 73.8 110.6
89 39.4 39.5 59.3

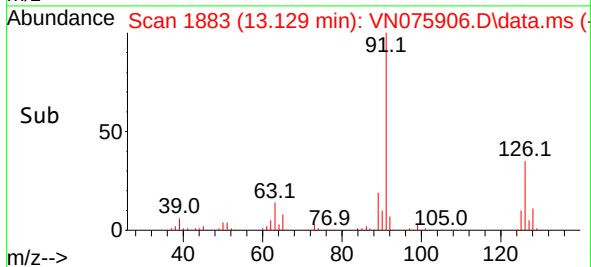
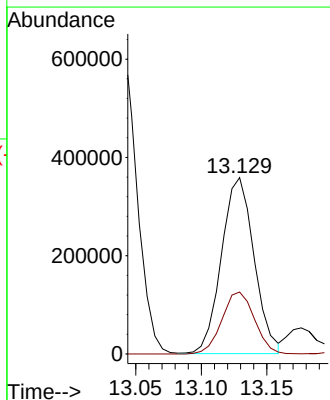
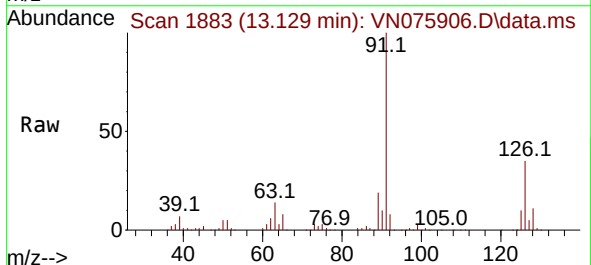
Manual Integrations
APPROVED

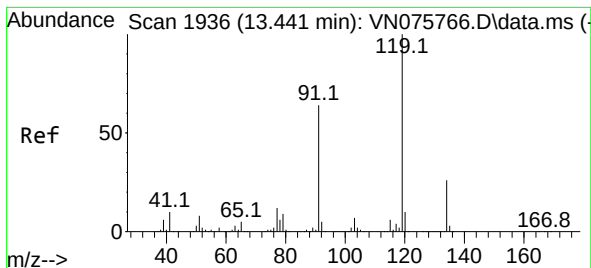
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#82
4-Chlorotoluene
Concen: 49.355 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN075906.D
Acq: 20 Dec 2022 18:10

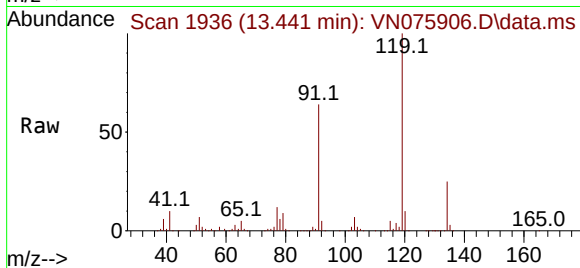
Tgt Ion: 91 Resp: 621210
Ion Ratio Lower Upper
91 100
126 35.2 17.5 52.5





#83
tert-Butylbenzene
Concen: 52.123 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN075906.D
Acq: 20 Dec 2022 18:10

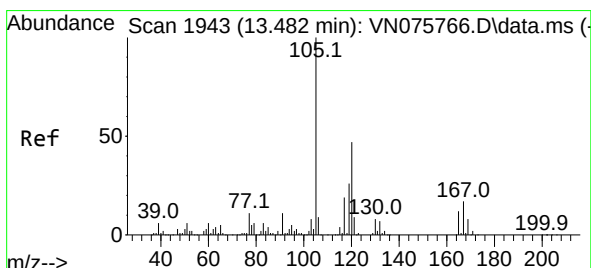
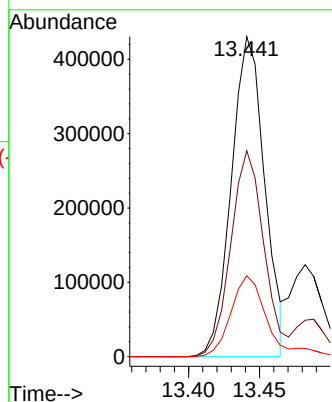
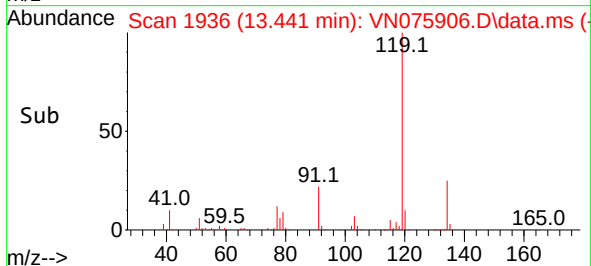
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



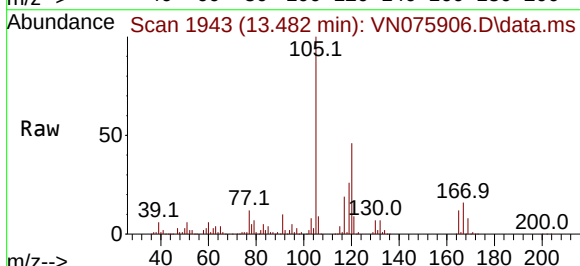
Tgt Ion:119 Resp: 703144
Ion Ratio Lower Upper
119 100
91 64.2 31.9 95.5
134 27.5 13.8 41.4

Manual Integrations
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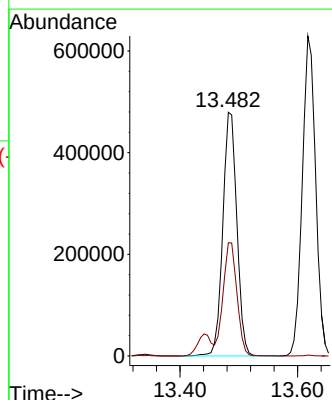
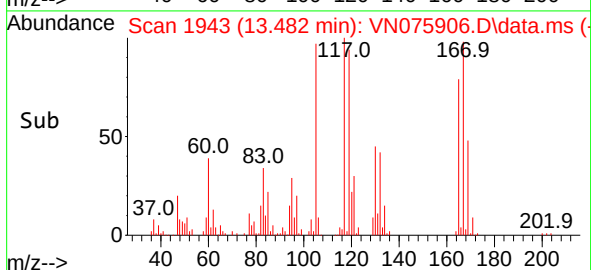
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

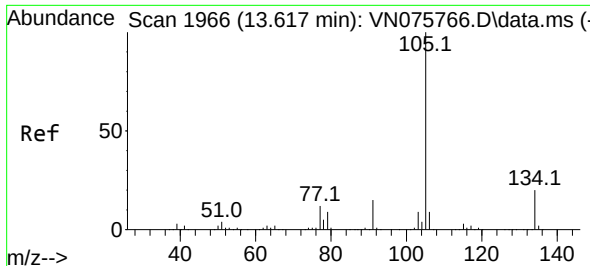


#84
1,2,4-Trimethylbenzene
Concen: 52.482 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. -0.000 min
Lab File: VN075906.D
Acq: 20 Dec 2022 18:10



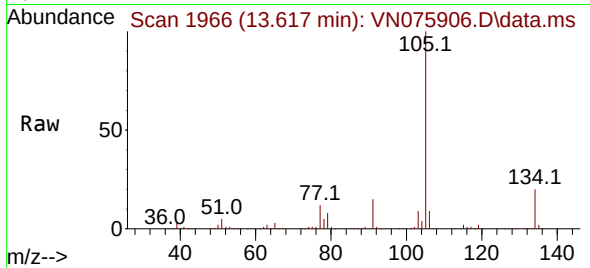
Tgt Ion:105 Resp: 796615
Ion Ratio Lower Upper
105 100
120 45.7 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 53.384 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN075906.D
 Acq: 20 Dec 2022 18:10

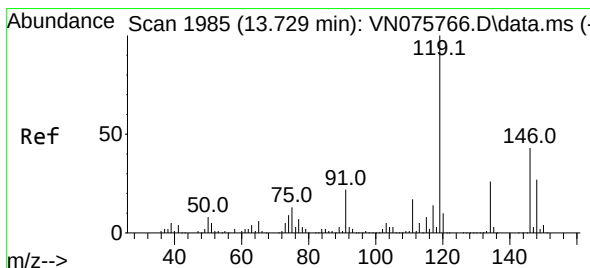
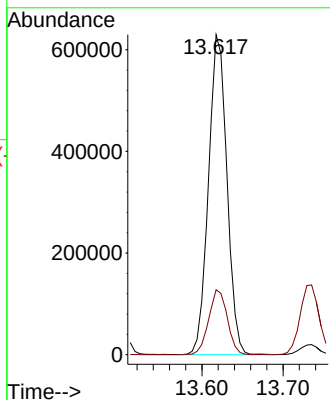
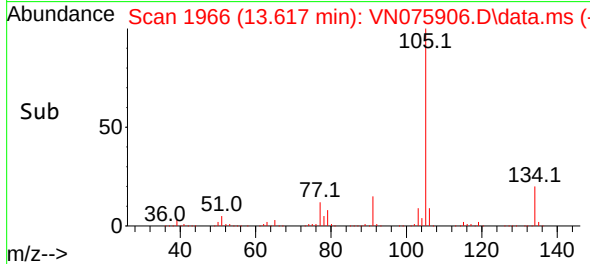
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



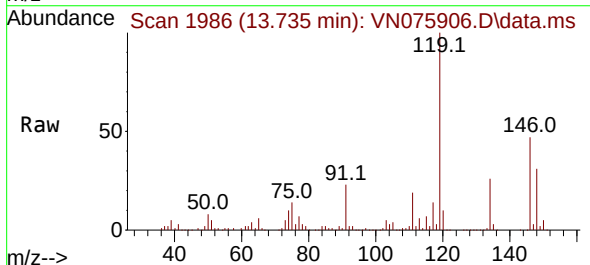
Tgt Ion:105 Resp: 99398
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.1 30.1

Manual Integrations
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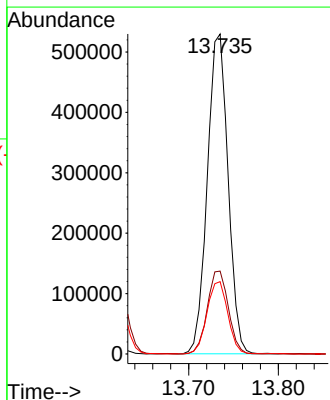
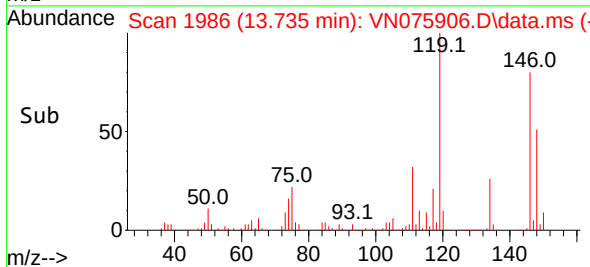
Reviewed By :John Carlone 12/21/2022
 Supervised By :Mahesh Dadoda 12/21/2022

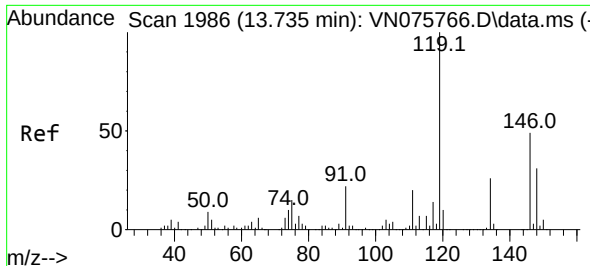


#86
 p-Isopropyltoluene
 Concen: 54.853 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN075906.D
 Acq: 20 Dec 2022 18:10



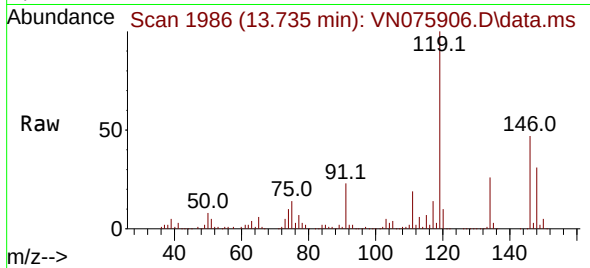
Tgt Ion:119 Resp: 849839
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.0 39.0
 91 22.7 11.2 33.6





#87
1,3-Dichlorobenzene
Concen: 49.218 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN075906.D
Acq: 20 Dec 2022 18:10

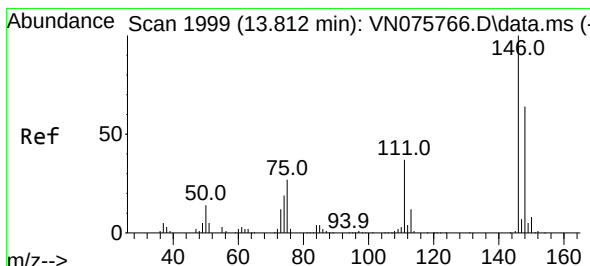
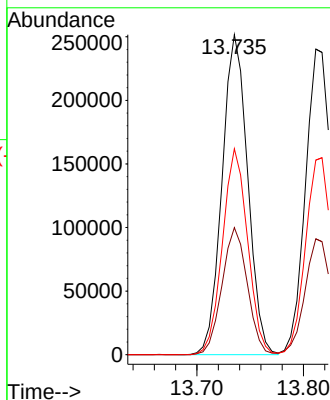
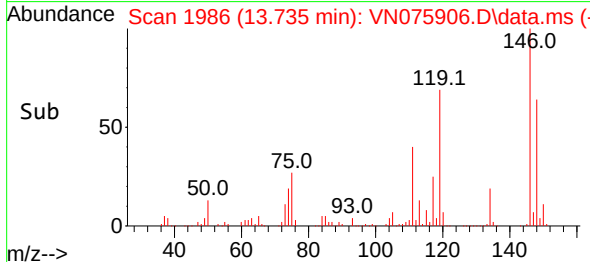
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



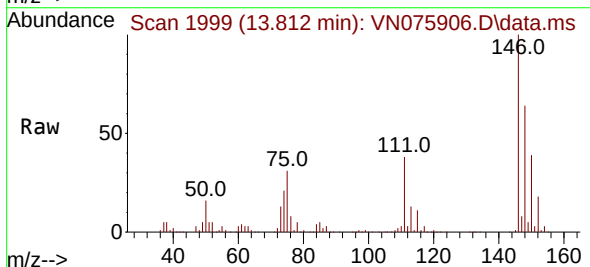
Tgt Ion:146 Resp: 42062
Ion Ratio Lower Upper
146 100
111 39.2 19.7 59.0
148 63.1 31.4 94.2

Manual Integrations
APPROVED

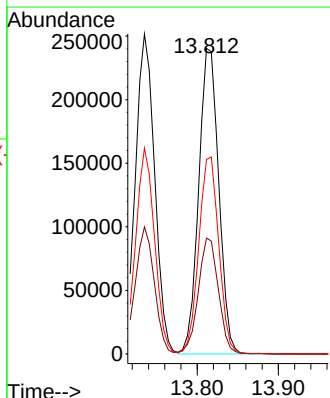
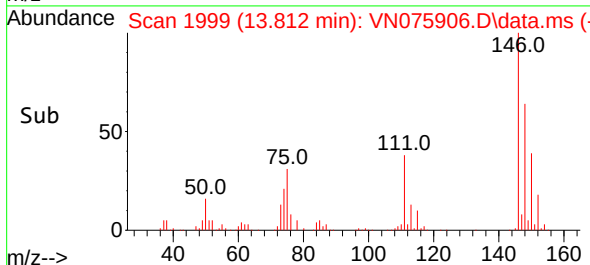
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

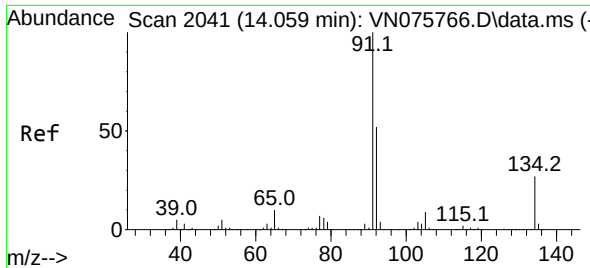


#88
1,4-Dichlorobenzene
Concen: 47.207 ug/l
RT: 13.812 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN075906.D
Acq: 20 Dec 2022 18:10



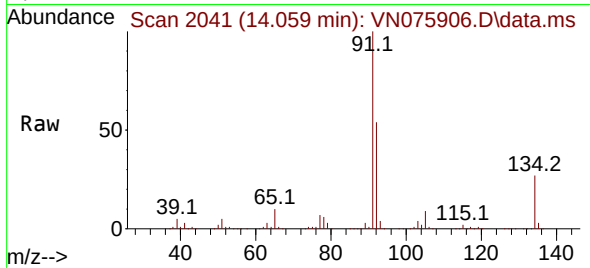
Tgt Ion:146 Resp: 412139
Ion Ratio Lower Upper
146 100
111 38.1 19.1 57.1
148 64.5 32.0 96.2





#89
n-Butylbenzene
Concen: 55.166 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075906.D
Acq: 20 Dec 2022 18:10

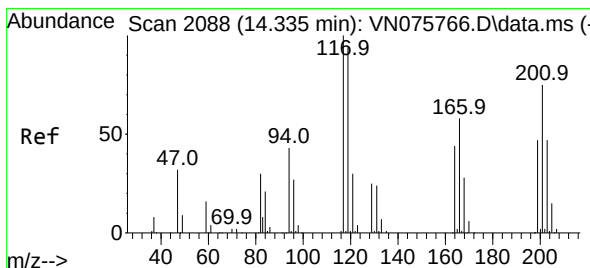
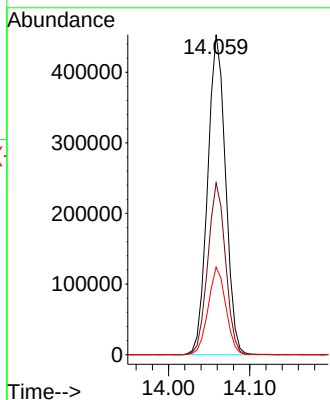
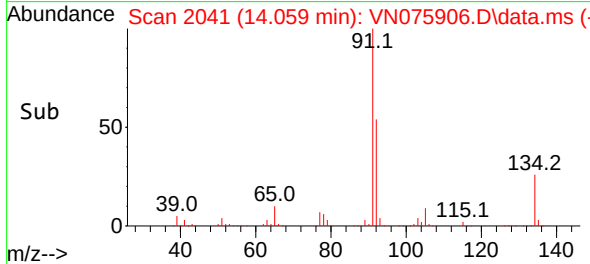
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 69241
Ion Ratio Lower Upper
91 100
92 53.1 26.4 79.2
134 27.1 13.4 40.2

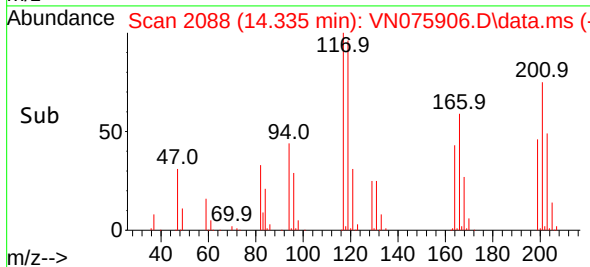
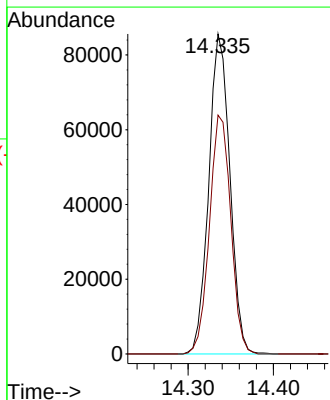
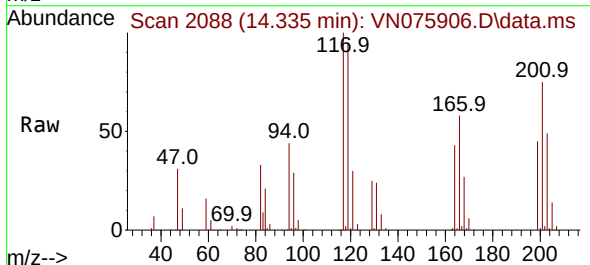
Manual Integrations
APPROVED

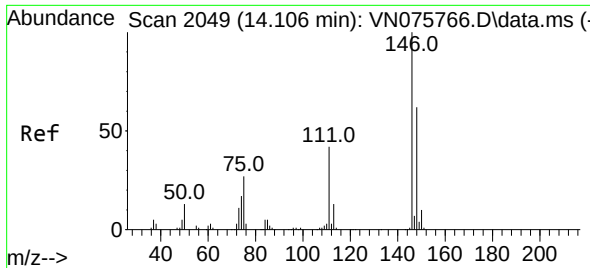
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#90
Hexachloroethane
Concen: 53.243 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VN075906.D
Acq: 20 Dec 2022 18:10

Tgt Ion:117 Resp: 147557
Ion Ratio Lower Upper
117 100
201 75.3 38.0 114.1





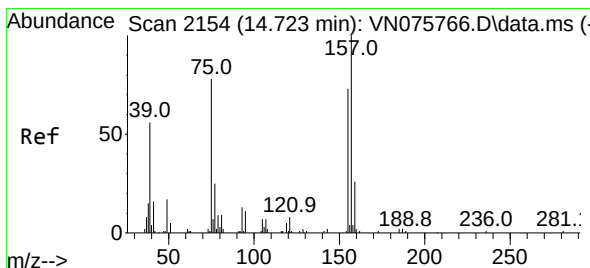
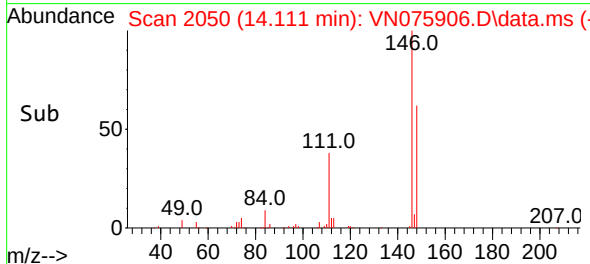
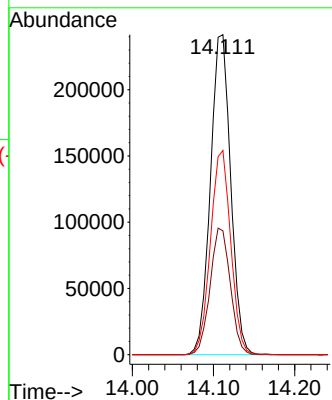
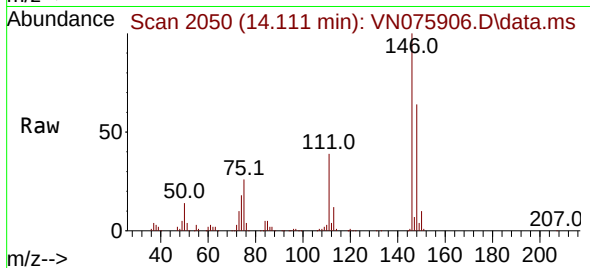
#91
1,2-Dichlorobenzene
Concen: 49.708 ug/l
RT: 14.111 min Scan# 2049
Delta R.T. 0.006 min
Lab File: VN075906.D
Acq: 20 Dec 2022 18:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 418430
Ion Ratio Lower Upper
146 100
111 39.6 20.3 61.0
148 64.1 31.7 95.1

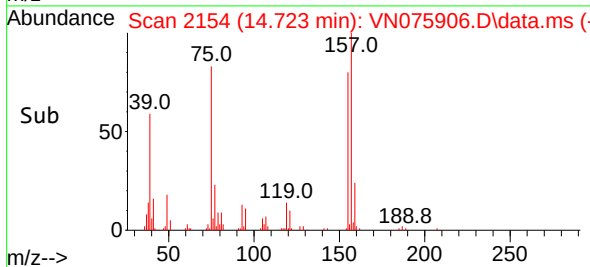
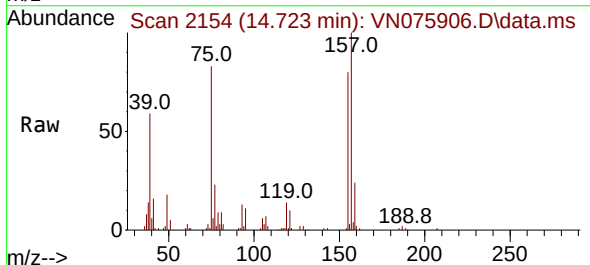
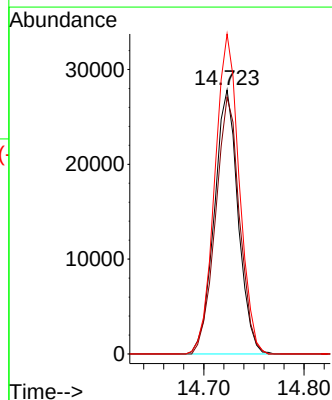
Manual Integrations
APPROVED

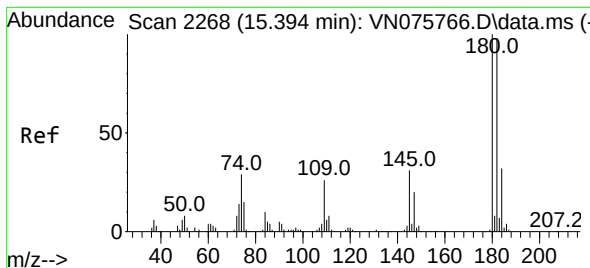
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 45.865 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. -0.000 min
Lab File: VN075906.D
Acq: 20 Dec 2022 18:10

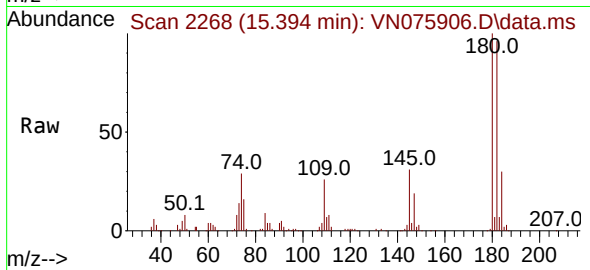
Tgt Ion: 75 Resp: 45994
Ion Ratio Lower Upper
75 100
155 97.9 49.3 147.8
157 123.9 63.7 191.3





#93
1,2,4-Trichlorobenzene
Concen: 50.192 ug/l
RT: 15.394 min Scan# 2268
Delta R.T. -0.000 min
Lab File: VN075906.D
Acq: 20 Dec 2022 18:10

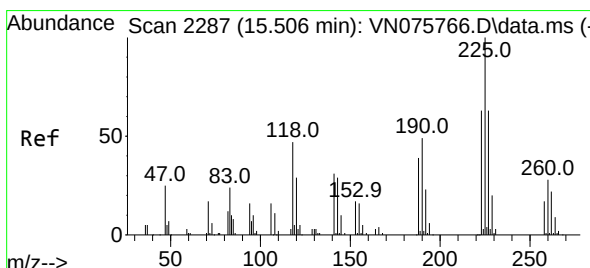
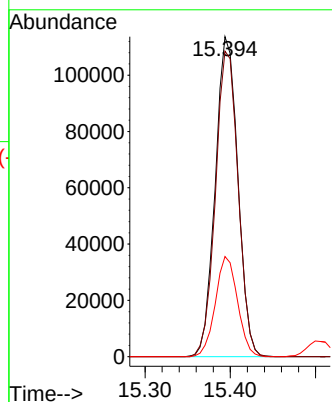
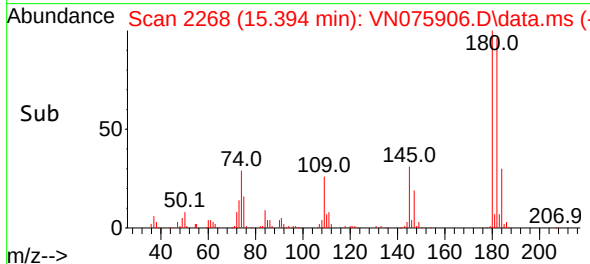
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



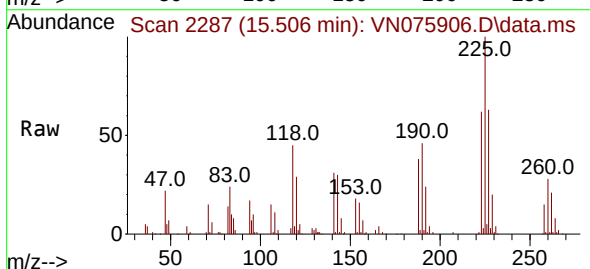
Tgt Ion:180 Resp: 20917
Ion Ratio Lower Upper
180 100
182 95.8 47.5 142.5
145 30.7 15.3 45.8

Manual Integrations
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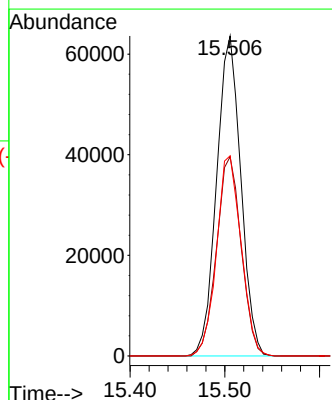
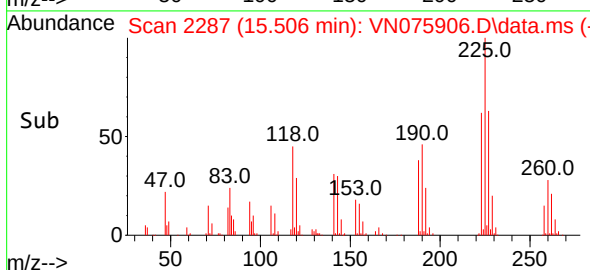
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

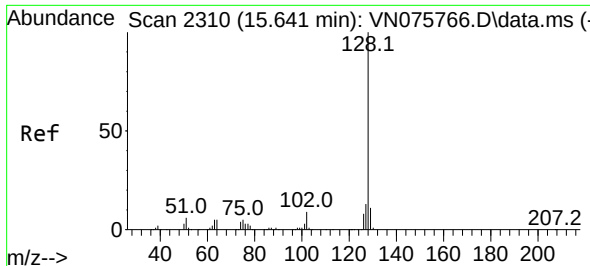


#94
Hexachlorobutadiene
Concen: 49.735 ug/l
RT: 15.506 min Scan# 2287
Delta R.T. -0.000 min
Lab File: VN075906.D
Acq: 20 Dec 2022 18:10



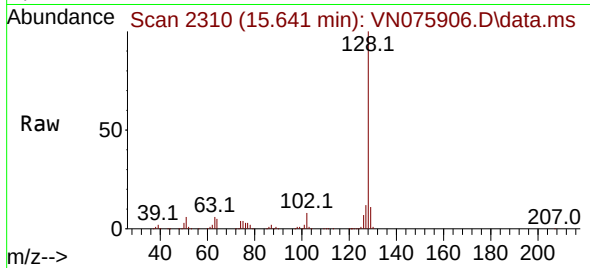
Tgt Ion:225 Resp: 113084
Ion Ratio Lower Upper
225 100
223 63.4 31.5 94.5
227 63.5 31.6 95.0





#95
Naphthalene
Concen: 45.189 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075906.D
Acq: 20 Dec 2022 18:10

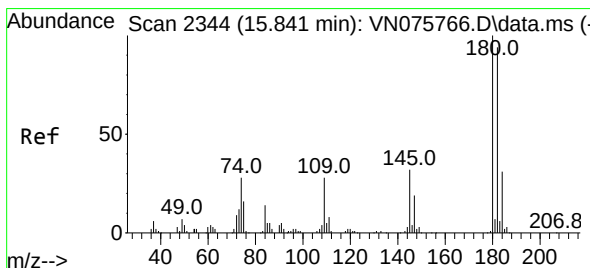
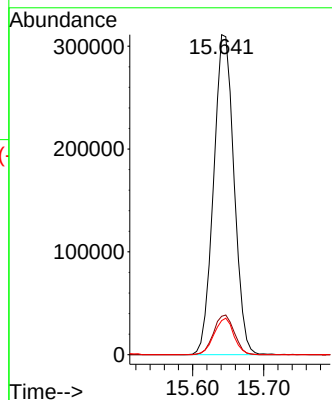
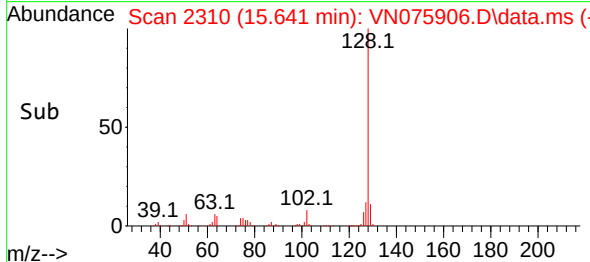
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



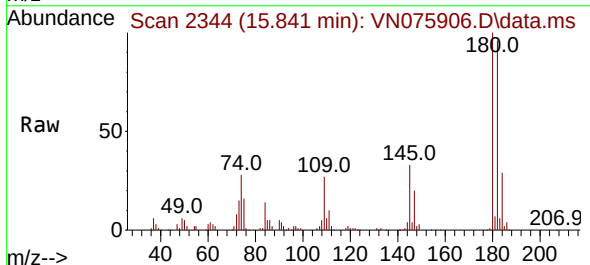
Tgt Ion:128 Resp: 619144
Ion Ratio Lower Upper
128 100
127 12.6 10.4 15.6
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#96
1,2,3-Trichlorobenzene
Concen: 51.347 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN075906.D
Acq: 20 Dec 2022 18:10



Tgt Ion:180 Resp: 200007
Ion Ratio Lower Upper
180 100
182 95.5 47.0 141.0
145 32.3 16.0 47.9

