

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121422\
 Data File : VN075782.D
 Acq On : 14 Dec 2022 20:03
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Dec 15 00:29:39 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	8.229	168	286487	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	459677	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	419200	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	212476	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	175572	56.332	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.660%			
35) Dibromofluoromethane	8.171	113	158792	55.781	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.560%			
50) Toluene-d8	10.570	98	599481	56.323	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 112.640%			
62) 4-Bromofluorobenzene	12.853	95	205874	58.400	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 116.800%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	95148	46.775	ug/l	99
3) Chloromethane	2.377	50	116805	46.178	ug/l	98
4) Vinyl Chloride	2.524	62	141391	46.861	ug/l	98
5) Bromomethane	2.953	94	121177	47.256	ug/l	96
6) Chloroethane	3.124	64	106529	47.677	ug/l	99
7) Trichlorofluoromethane	3.506	101	217108	47.421	ug/l	98
8) Diethyl Ether	3.971	74	86691	51.842	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.388	101	124859	47.760	ug/l	99
10) Methyl Iodide	4.600	142	215873	50.880	ug/l	100
11) Tert butyl alcohol	5.530	59	110136	249.735	ug/l	99
12) 1,1-Dichloroethene	4.353	96	120558	47.481	ug/l	97
13) Acrolein	4.188	56	139919	258.790	ug/l	99
14) Allyl chloride	5.035	41	144429	48.659	ug/l	90
15) Acrylonitrile	5.730	53	310689	258.156	ug/l	100
16) Acetone	4.441	43	235608	219.294	ug/l	96
17) Carbon Disulfide	4.724	76	292010	47.499	ug/l	99
18) Methyl Acetate	5.035	43	159969	50.371	ug/l	98
19) Methyl tert-butyl Ether	5.806	73	451291	53.973	ug/l	99
20) Methylene Chloride	5.282	84	148440	51.669	ug/l	97
21) trans-1,2-Dichloroethene	5.794	96	138289	49.731	ug/l	96
22) Diisopropyl ether	6.682	45	381578	52.920	ug/l	100
23) Vinyl Acetate	6.612	43	1308155	269.544	ug/l	100
24) 1,1-Dichloroethane	6.577	63	239869	49.881	ug/l	99
25) 2-Butanone	7.488	43	386116	256.667	ug/l	96
26) 2,2-Dichloropropane	7.500	77	194369	47.729	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	168745	50.740	ug/l	98
28) Bromochloromethane	7.824	49	103982	49.334	ug/l	98
29) Tetrahydrofuran	7.841	42	255612	271.140	ug/l	99
30) Chloroform	7.971	83	271357	50.119	ug/l	95
31) Cyclohexane	8.265	56	207074	46.391	ug/l	97
32) 1,1,1-Trichloroethane	8.176	97	244478	50.932	ug/l	100
36) 1,1-Dichloropropene	8.376	75	190646	50.415	ug/l	100
37) Ethyl Acetate	7.571	43	161205	53.071	ug/l	97
38) Carbon Tetrachloride	8.365	117	213851	50.527	ug/l	99
39) Methylcyclohexane	9.606	83	235182	51.550	ug/l	98
40) Benzene	8.612	78	597747	51.232	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	85451	54.121	ug/l	96
42) 1,2-Dichloroethane	8.676	62	201391	51.919	ug/l	99
43) Isopropyl Acetate	8.694	43	279797	55.841	ug/l	98
44) Trichloroethene	9.353	130	158376	48.183	ug/l	96
45) 1,2-Dichloropropane	9.623	63	145514	51.251	ug/l	98
46) Dibromomethane	9.712	93	109325	51.915	ug/l	99
47) Bromodichloromethane	9.894	83	217960	52.779	ug/l #	99
48) Methyl methacrylate	9.682	41	129089	57.201	ug/l	99
49) 1,4-Dioxane	9.694	88	59304	1068.912	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	851082	280.865	ug/l	99
52) Toluene	10.635	92	398476	52.440	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	222087	54.938	ug/l	96
54) cis-1,3-Dichloropropene	10.317	75	242254	54.581	ug/l	99
55) 1,1,2-Trichloroethane	11.017	97	157420	52.781	ug/l	98
56) Ethyl methacrylate	10.876	69	227785	57.498	ug/l	99
57) 1,3-Dichloropropane	11.164	76	259821	53.109	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	323047	256.121	ug/l	99
59) 2-Hexanone	11.200	43	615337	278.453	ug/l	100
60) Dibromochloromethane	11.359	129	178448	53.800	ug/l	99
61) 1,2-Dibromoethane	11.470	107	164353	54.453	ug/l	100
64) Tetrachloroethene	11.106	164	142789	48.406	ug/l	97
65) Chlorobenzene	11.894	112	438448	50.959	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.964	131	166129	52.129	ug/l	99
67) Ethyl Benzene	11.964	91	781023	53.784	ug/l	100
68) m/p-Xylenes	12.076	106	622216	108.258	ug/l	100
69) o-Xylene	12.400	106	307666	54.092	ug/l	100
70) Styrene	12.411	104	507706	56.140	ug/l	100
71) Bromoform	12.582	173	128353	55.349	ug/l #	98
73) Isopropylbenzene	12.700	105	793576	51.684	ug/l	99
74) N-amyl acetate	12.500	43	250286	55.564	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	231716	48.817	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	196906m	45.974	ug/l	
77) Bromobenzene	12.982	156	191553	49.295	ug/l	99
78) n-propylbenzene	13.041	91	899425	53.110	ug/l	99
79) 2-Chlorotoluene	13.129	91	535308	50.637	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	675080	52.532	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	64679	54.357	ug/l	99
82) 4-Chlorotoluene	13.129	91	535308	50.637	ug/l	100
83) tert-Butylbenzene	13.441	119	591960	52.246	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	680029	53.342	ug/l	99
85) sec-Butylbenzene	13.617	105	829285	53.028	ug/l	99
86) p-Isopropyltoluene	13.735	119	709394	54.516	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	356598	49.680	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	352032	48.008	ug/l	100
89) n-Butylbenzene	14.058	91	568579	53.935	ug/l	100
90) Hexachloroethane	14.335	117	124311	53.405	ug/l	100
91) 1,2-Dichlorobenzene	14.105	146	357861	50.615	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	41165	48.875	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	182906	52.254	ug/l	99
94) Hexachlorobutadiene	15.505	225	93775	49.104	ug/l	98
95) Naphthalene	15.647	128	535386	46.460	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	176439	53.931	ug/l	99

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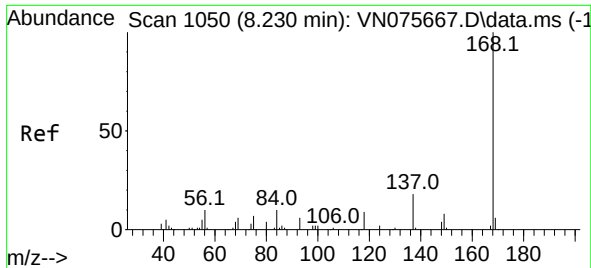
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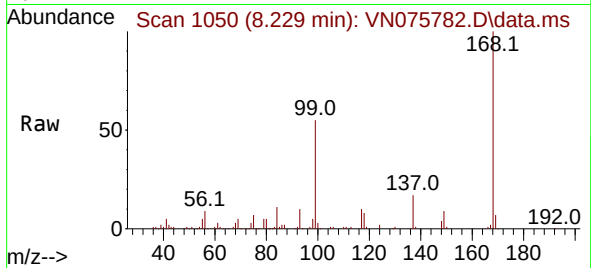
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.001 min
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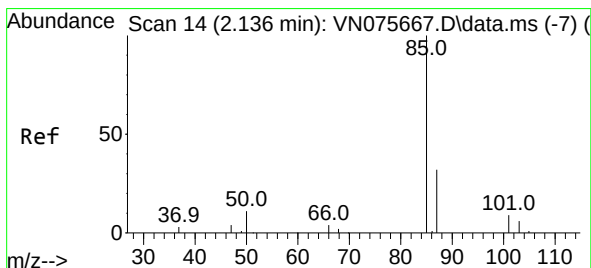
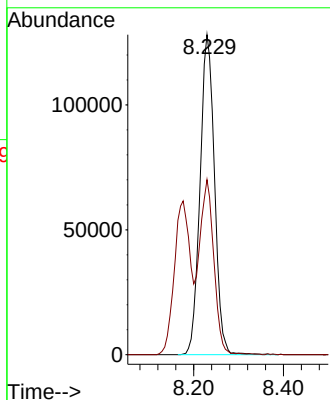
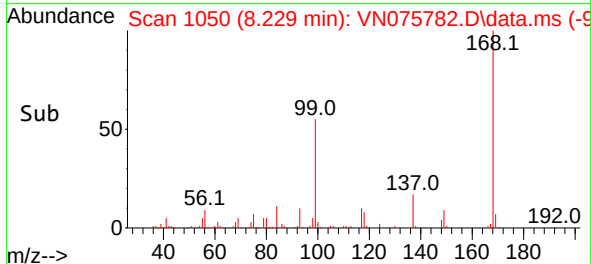
Instrument :
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Tgt Ion:168 Resp: 28648
Ion Ratio Lower Upper
168 100
99 54.7 44.2 66.4

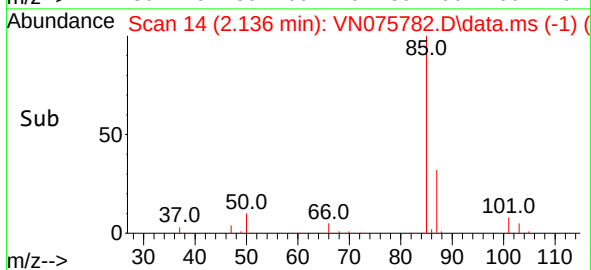
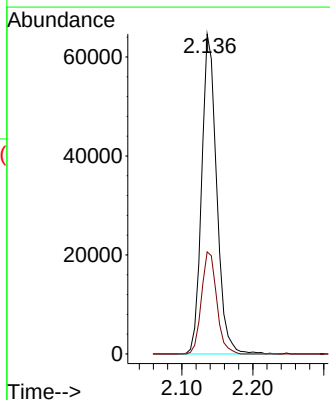
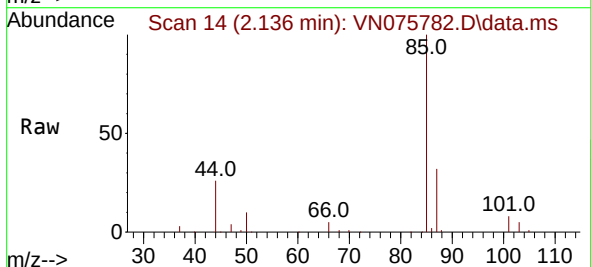
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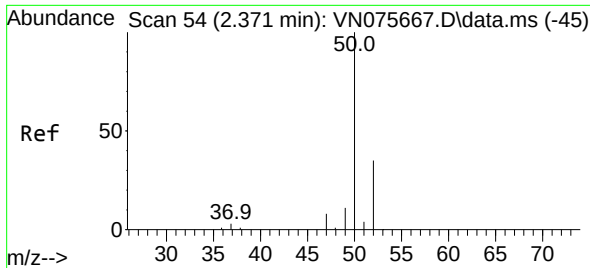
Reviewed By :John Carlone 12/15/2022
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#2
Dichlorodifluoromethane
Concen: 46.775 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075782.D
Acq: 14 Dec 2022 20:03

Tgt Ion: 85 Resp: 95148
Ion Ratio Lower Upper
85 100
87 31.9 16.3 48.9





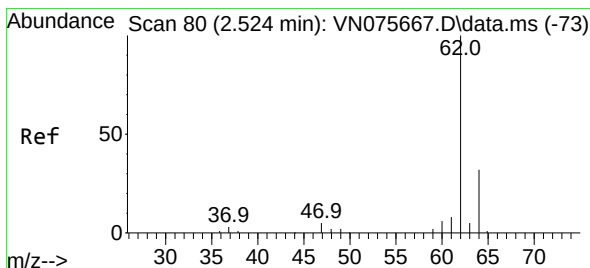
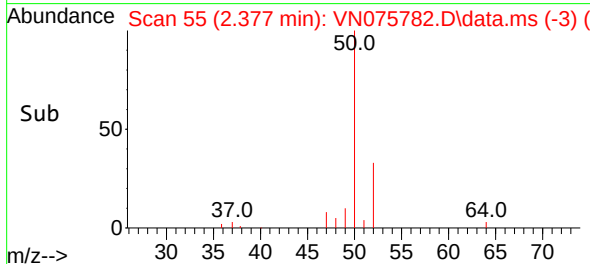
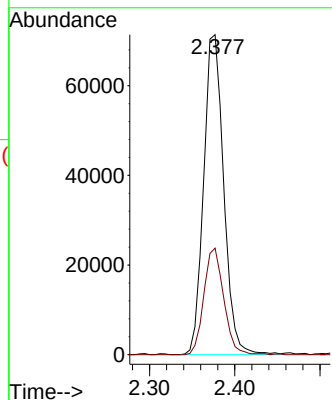
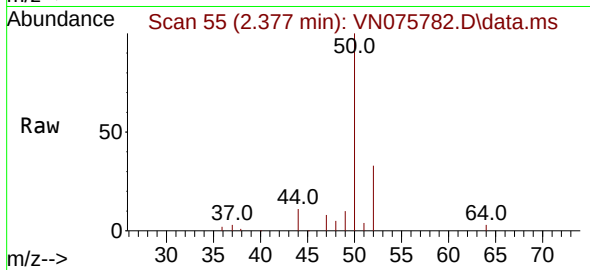
#3
Chloromethane
Concen: 46.178 ug/l
RT: 2.377 min Scan# 50
Delta R.T. 0.006 min
Lab File: VN075782.D
Acq: 14 Dec 2022 20:03

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Tgt Ion: 50 Resp: 11680
Ion Ratio Lower Upper
50 100
52 33.3 27.7 41.5

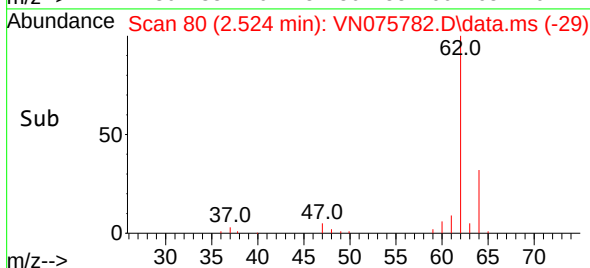
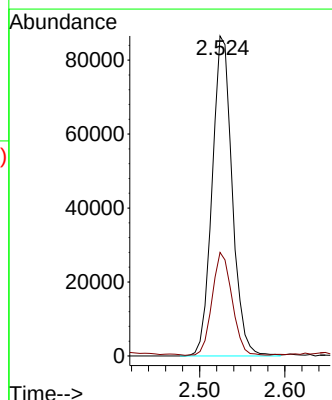
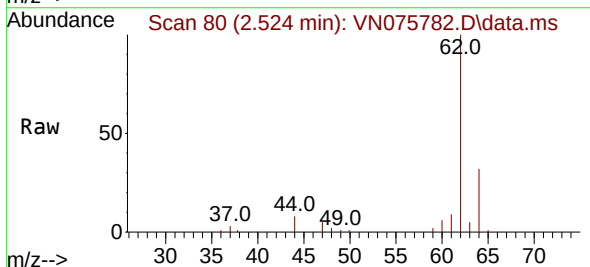
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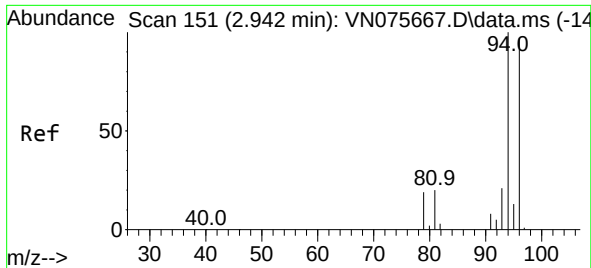
Reviewed By :John Carlone 12/15/2022
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#4
Vinyl Chloride
Concen: 46.861 ug/l
RT: 2.524 min Scan# 80
Delta R.T. -0.000 min
Lab File: VN075782.D
Acq: 14 Dec 2022 20:03

Tgt Ion: 62 Resp: 141391
Ion Ratio Lower Upper
62 100
64 31.9 24.9 37.3





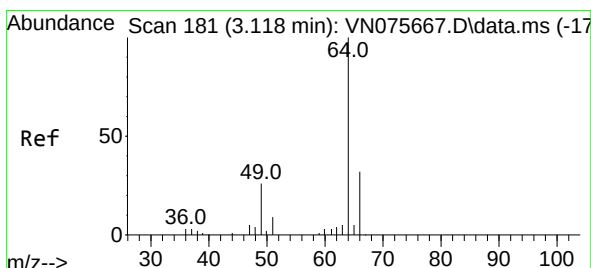
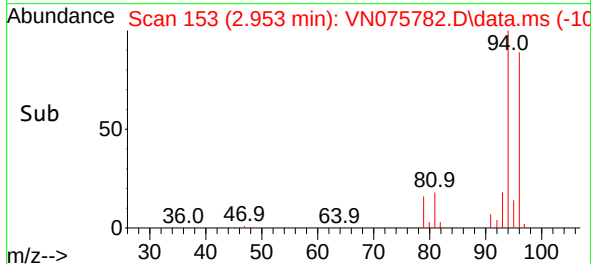
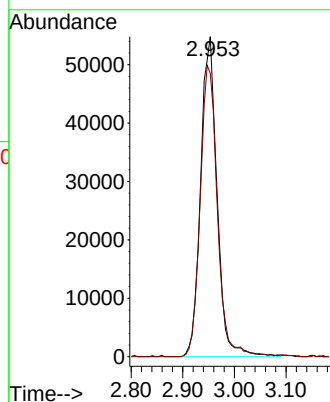
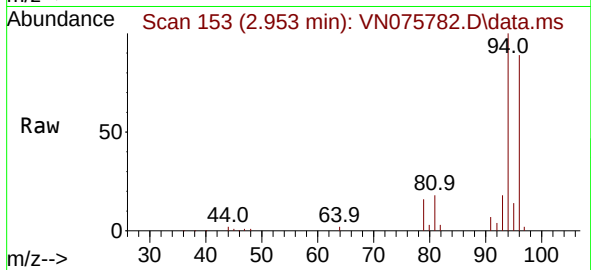
#5
Bromomethane
Concen: 47.256 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN075782.D
Acq: 14 Dec 2022 20:03

Instrument :
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Tgt Ion: 94 Resp: 12117
Ion Ratio Lower Upper
94 100
96 88.6 73.8 110.6

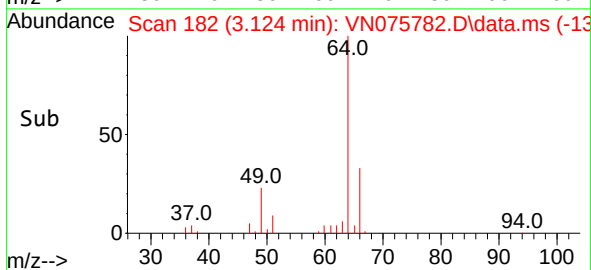
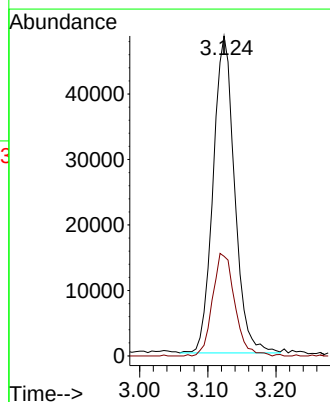
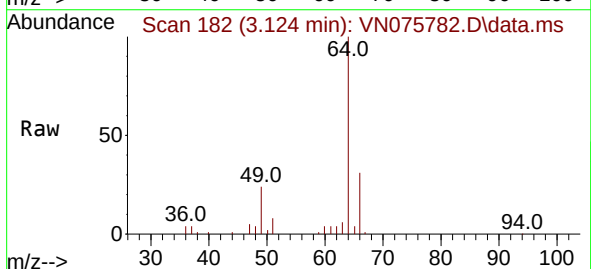
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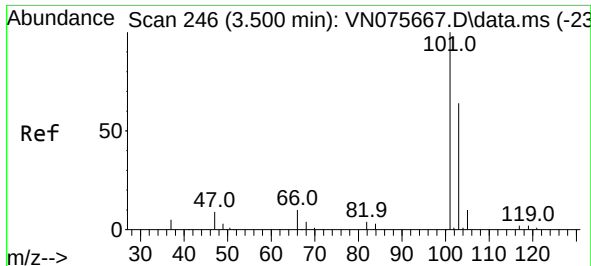
Reviewed By :John Carlone 12/15/2022
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#6
Chloroethane
Concen: 47.677 ug/l
RT: 3.124 min Scan# 182
Delta R.T. 0.006 min
Lab File: VN075782.D
Acq: 14 Dec 2022 20:03

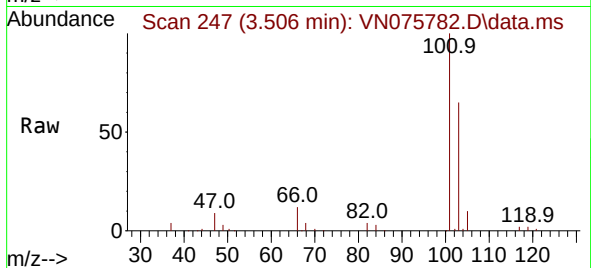
Tgt Ion: 64 Resp: 106529
Ion Ratio Lower Upper
64 100
66 31.4 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 47.421 ug/l
 RT: 3.506 min Scan# 246
 Delta R.T. 0.006 min
 Lab File: VN075782.D
 Acq: 14 Dec 2022 20:03

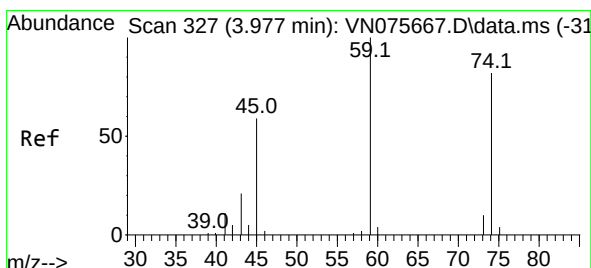
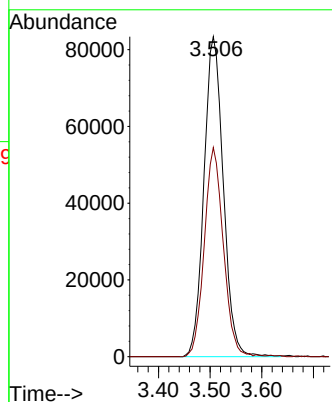
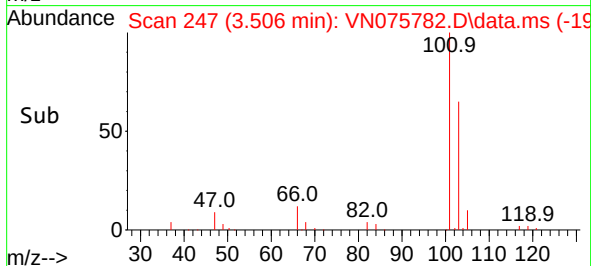
Instrument :
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Tgt Ion:101 Resp: 217108
 Ion Ratio Lower Upper
 101 100
 103 65.3 53.4 80.2

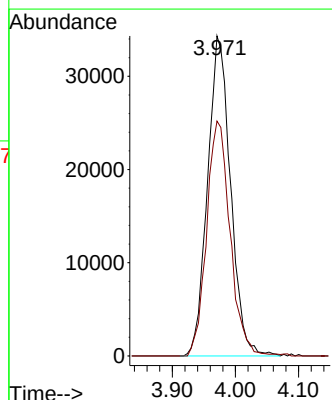
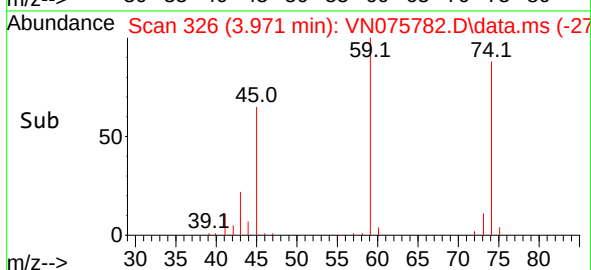
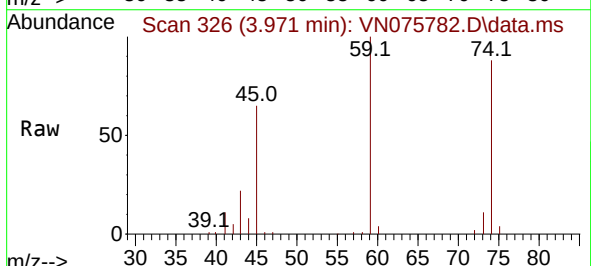
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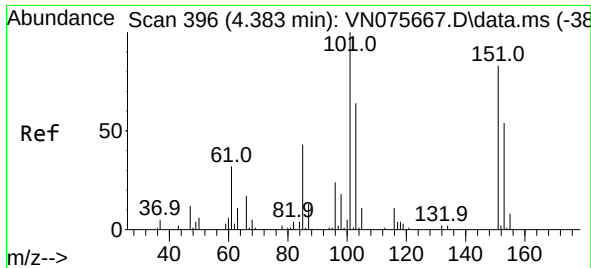
Reviewed By :John Carlone 12/15/2022
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#8
 Diethyl Ether
 Concen: 51.842 ug/l
 RT: 3.971 min Scan# 326
 Delta R.T. -0.000 min
 Lab File: VN075782.D
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Tgt Ion: 74 Resp: 86691
 Ion Ratio Lower Upper
 74 100
 45 74.9 37.8 113.4





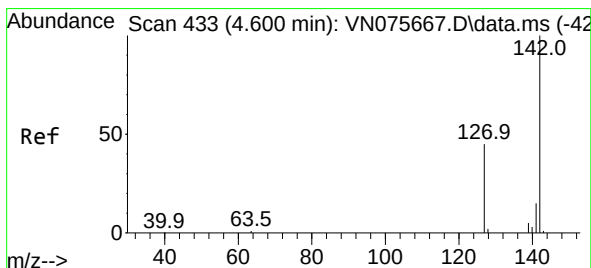
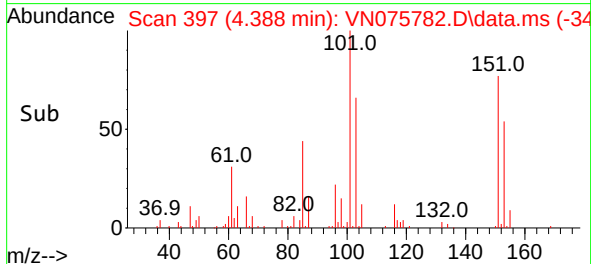
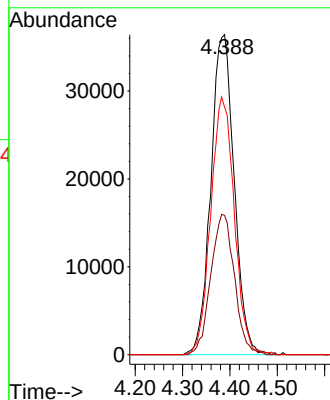
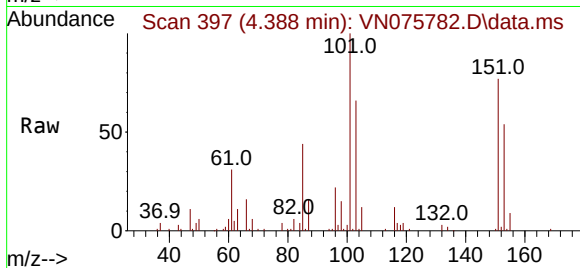
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.760 ug/l
RT: 4.388 min Scan# 396
Delta R.T. 0.006 min
Lab File: VN075782.D
Acq: 14 Dec 2022 20:03

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ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 12485
Ion Ratio Lower Upper
101 100
85 44.3 35.3 52.9
151 81.3 65.6 98.4

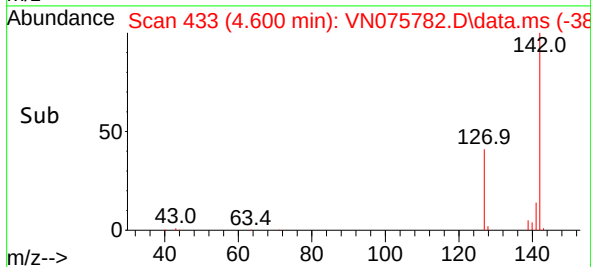
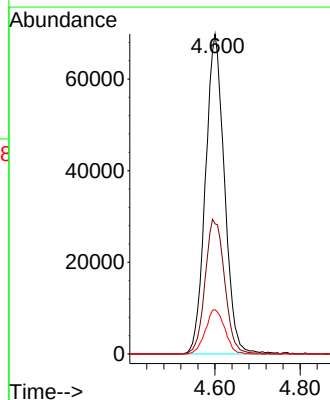
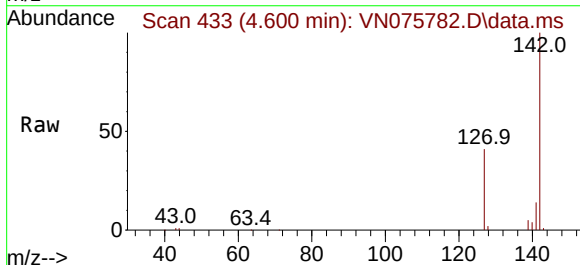
Manual Integrations
APPROVED

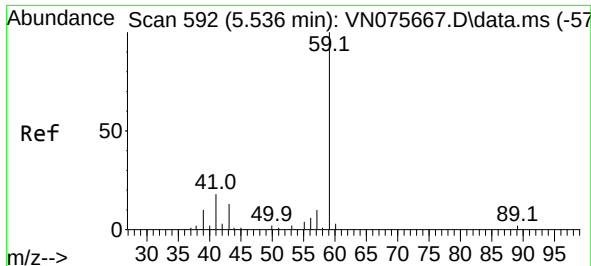
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#10
Methyl Iodide
Concen: 50.880 ug/l
RT: 4.600 min Scan# 433
Delta R.T. -0.000 min
Lab File: VN075782.D
Acq: 14 Dec 2022 20:03

Tgt Ion:142 Resp: 215873
Ion Ratio Lower Upper
142 100
127 43.3 34.7 52.1
141 14.1 11.4 17.2





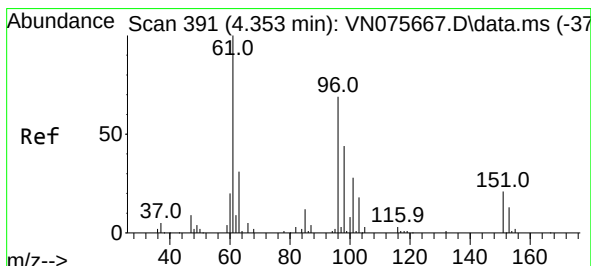
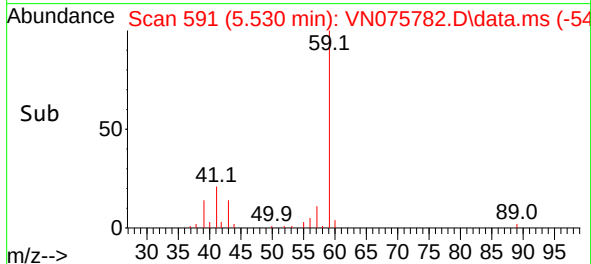
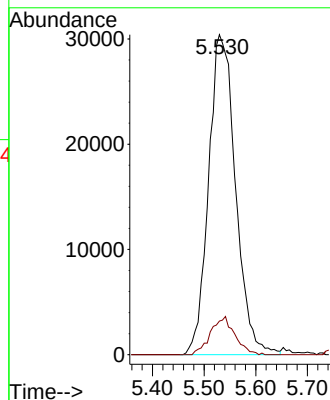
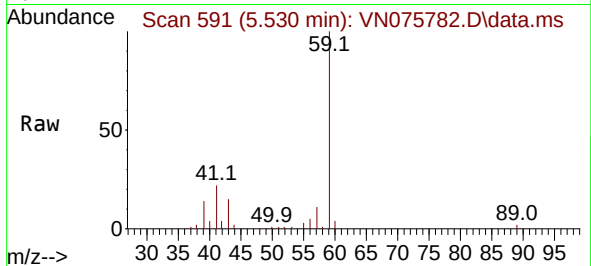
#11
Tert butyl alcohol
Concen: 249.735 ug/l
RT: 5.530 min Scan# 591
Delta R.T. -0.006 min
Lab File: VN075782.D
Acq: 14 Dec 2022 20:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 110130
Ion Ratio Lower Upper
59 100
57 10.7 8.2 12.4

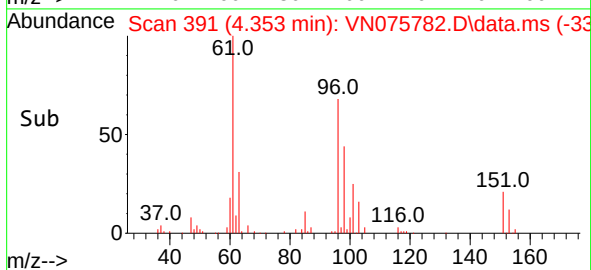
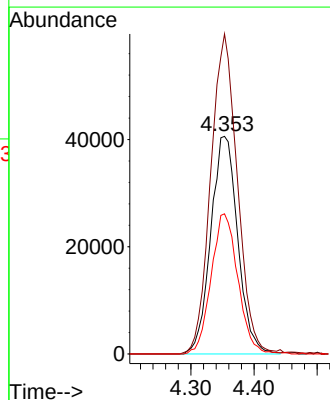
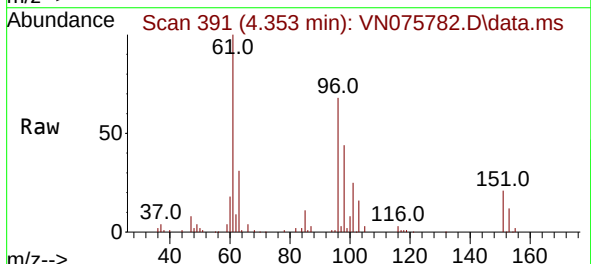
Manual Integrations
APPROVED

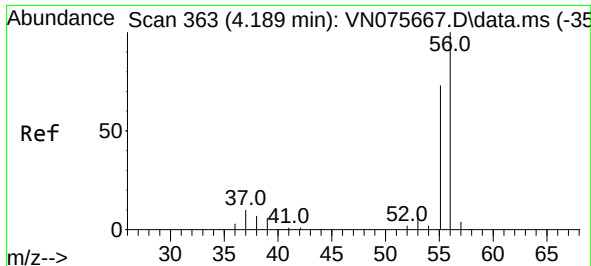
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#12
1,1-Dichloroethene
Concen: 47.481 ug/l
RT: 4.353 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN075782.D
Acq: 14 Dec 2022 20:03

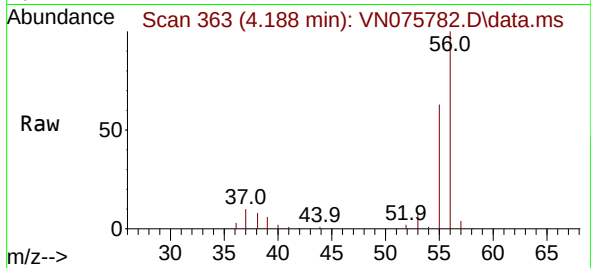
Tgt Ion: 96 Resp: 120558
Ion Ratio Lower Upper
96 100
61 147.1 113.3 169.9
98 64.4 50.9 76.3





#13
Acrolein
Concen: 258.790 ug/l
RT: 4.188 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN075782.D
Acq: 14 Dec 2022 20:03

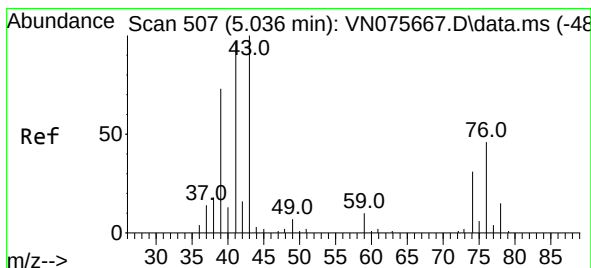
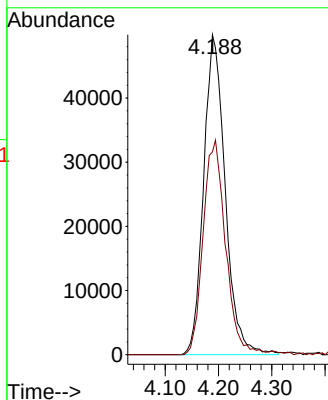
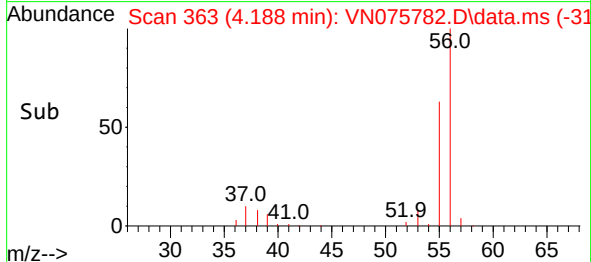
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



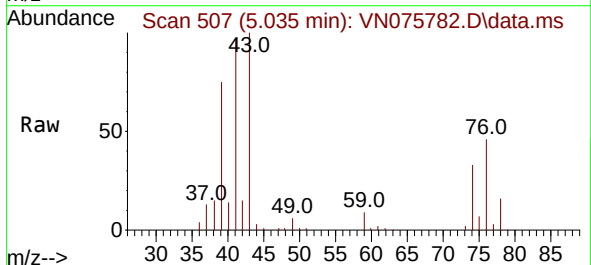
Tgt Ion: 56 Resp: 139919
Ion Ratio Lower Upper
56 100
55 69.5 54.8 82.2

Manual Integrations
APPROVED

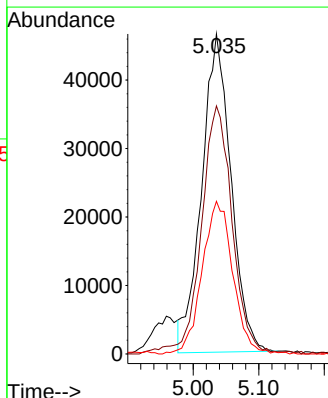
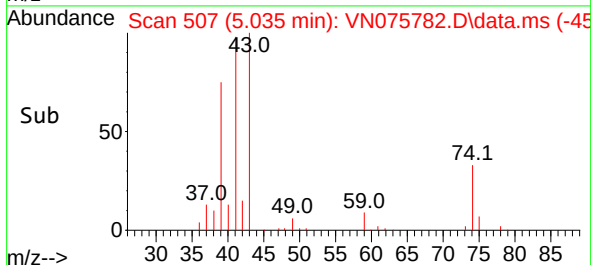
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

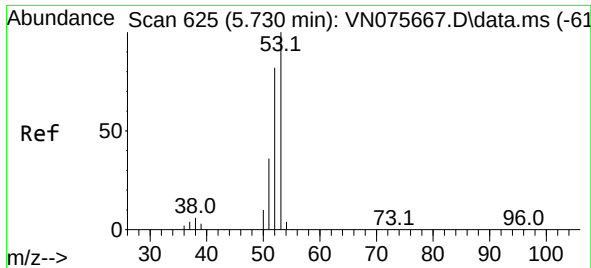


#14
Allyl chloride
Concen: 48.659 ug/l
RT: 5.035 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN075782.D
Acq: 14 Dec 2022 20:03



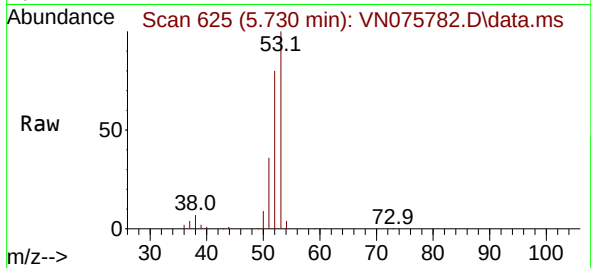
Tgt Ion: 41 Resp: 144429
Ion Ratio Lower Upper
41 100
39 82.0 58.3 87.5
76 50.3 35.8 53.6





#15
Acrylonitrile
Concen: 258.156 ug/l
RT: 5.730 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075782.D
Acq: 14 Dec 2022 20:03

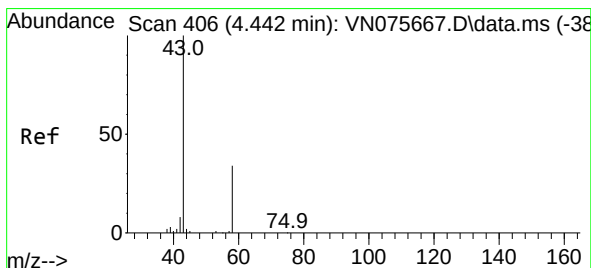
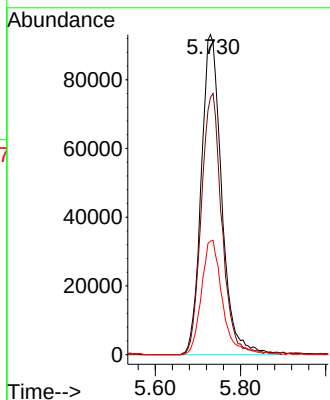
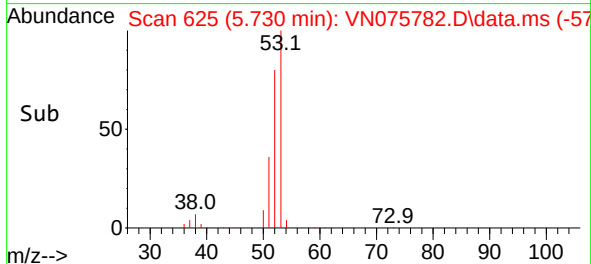
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 310689
Ion Ratio Lower Upper
53 100
52 81.8 65.4 98.0
51 36.6 28.9 43.3

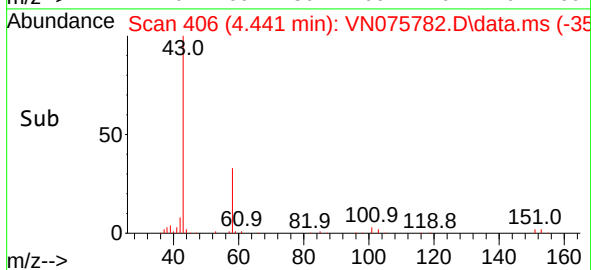
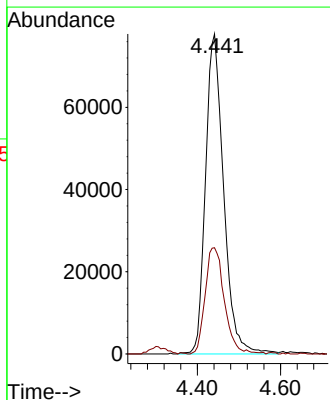
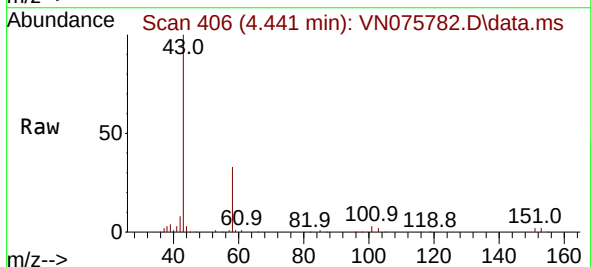
Manual Integrations
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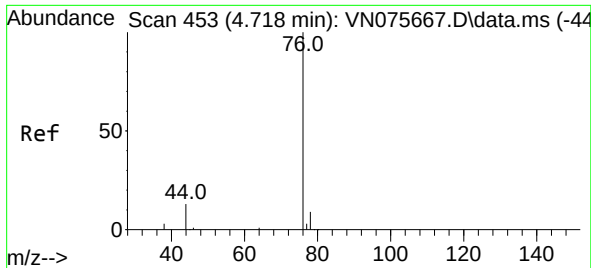
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#16
Acetone
Concen: 219.294 ug/l
RT: 4.441 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN075782.D
Acq: 14 Dec 2022 20:03

Tgt Ion: 43 Resp: 235608
Ion Ratio Lower Upper
43 100
58 33.2 28.6 43.0





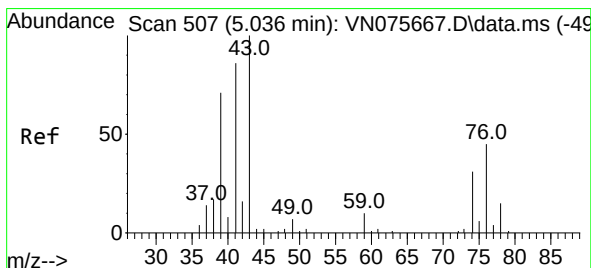
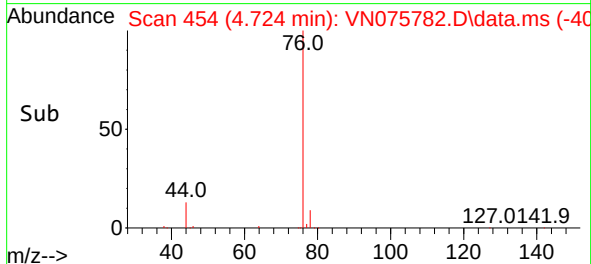
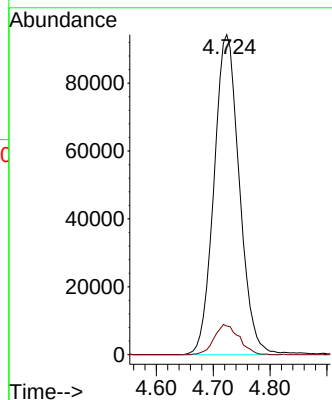
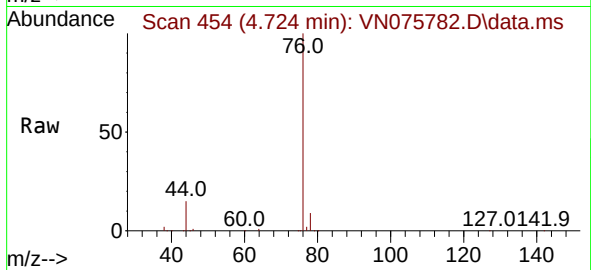
#17
Carbon Disulfide
Concen: 47.499 ug/l
RT: 4.724 min Scan# 454
Delta R.T. 0.006 min
Lab File: VN075782.D
Acq: 14 Dec 2022 20:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 292010
Ion Ratio Lower Upper
76 100
78 8.9 6.8 10.2

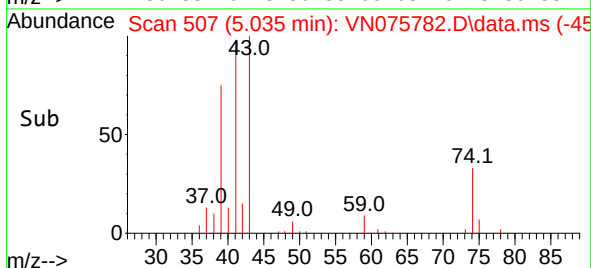
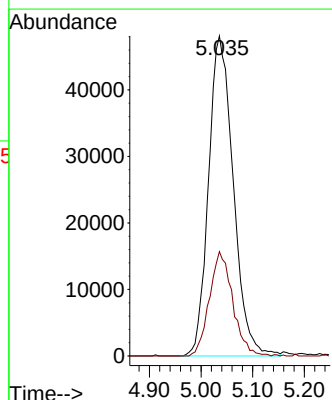
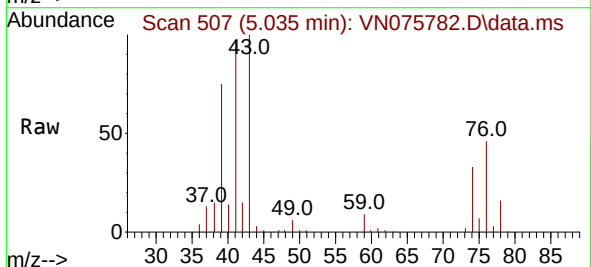
Manual Integrations
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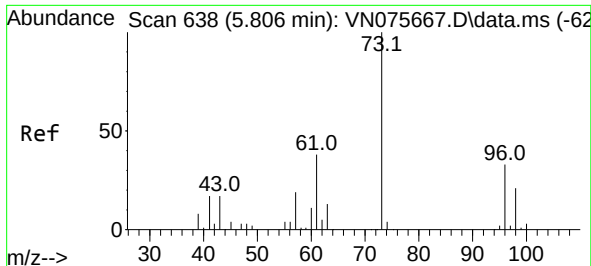
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#18
Methyl Acetate
Concen: 50.371 ug/l
RT: 5.035 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN075782.D
Acq: 14 Dec 2022 20:03

Tgt Ion: 43 Resp: 159969
Ion Ratio Lower Upper
43 100
74 30.7 23.6 35.4





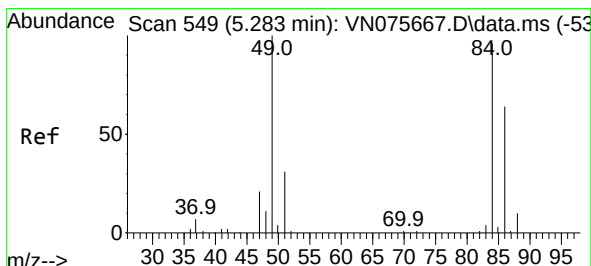
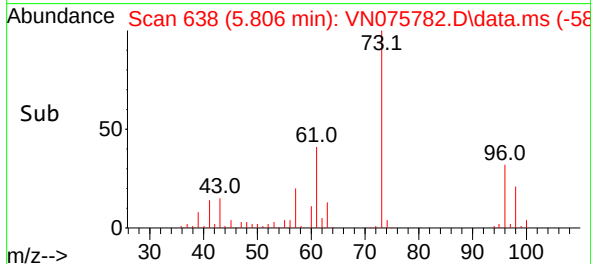
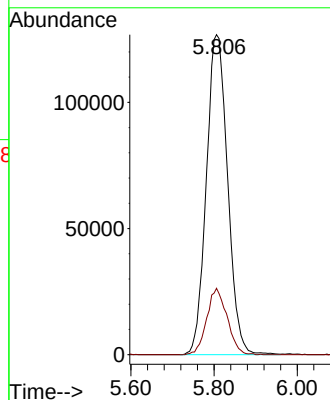
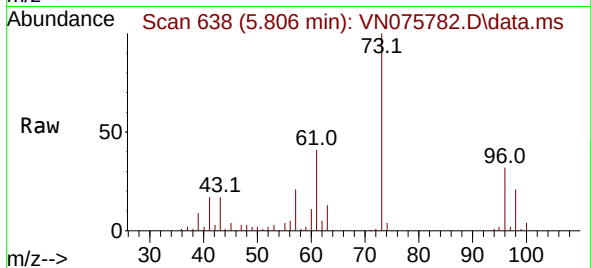
#19
Methyl tert-butyl Ether
Concen: 53.973 ug/l
RT: 5.806 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN075782.D
Acq: 14 Dec 2022 20:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 45129
Ion Ratio Lower Upper
73 100
57 20.7 17.1 25.7

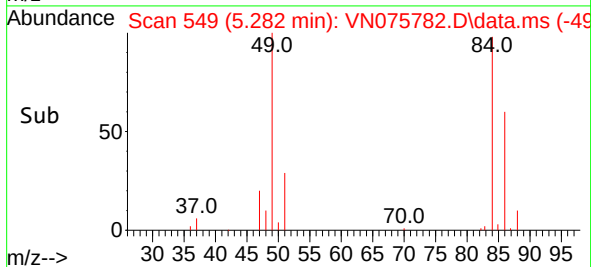
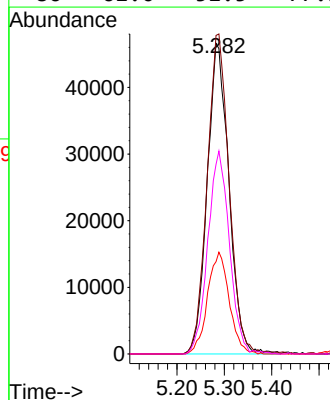
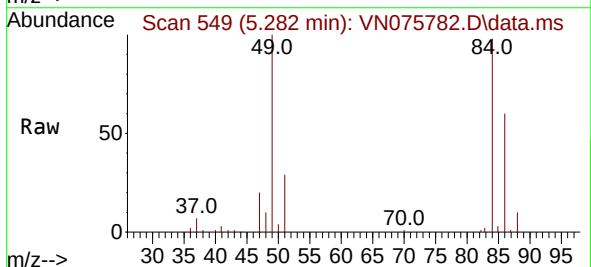
Manual Integrations
APPROVED

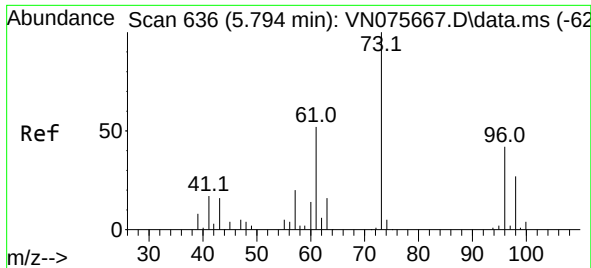
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#20
Methylene Chloride
Concen: 51.669 ug/l
RT: 5.282 min Scan# 549
Delta R.T. -0.007 min
Lab File: VN075782.D
Acq: 14 Dec 2022 20:03

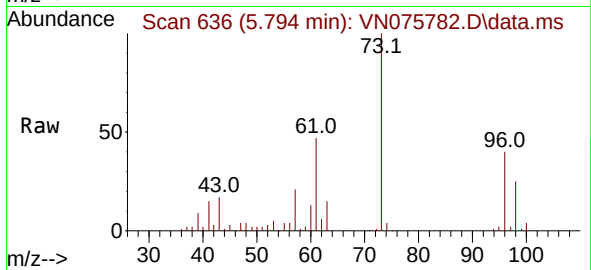
Tgt Ion: 84 Resp: 148440
Ion Ratio Lower Upper
84 100
49 102.6 81.8 122.6
51 29.7 26.7 40.1
86 61.0 51.5 77.3





#21
trans-1,2-Dichloroethene
Concen: 49.731 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN075782.D
Acq: 14 Dec 2022 20:03

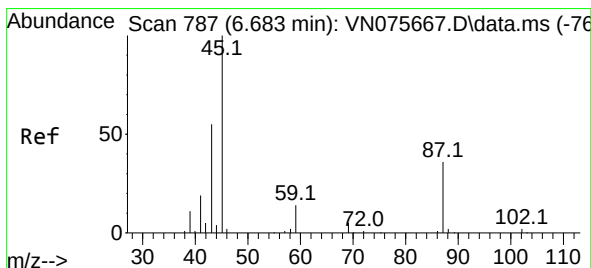
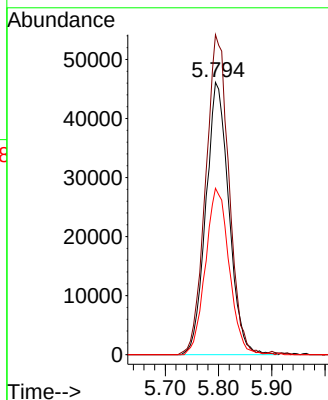
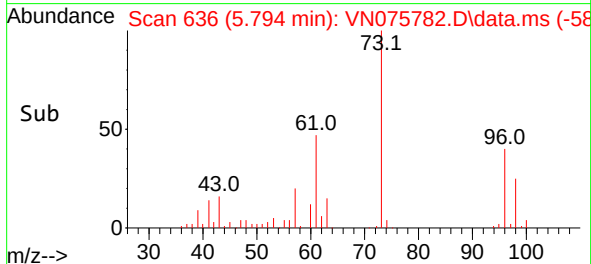
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



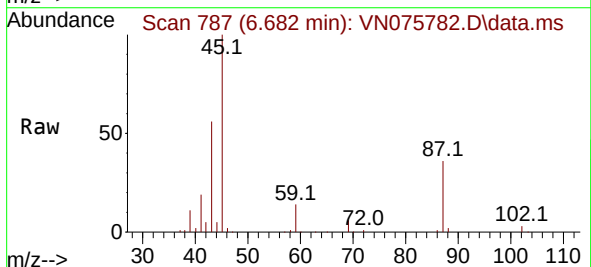
Tgt Ion: 96 Resp: 138289
Ion Ratio Lower Upper
96 100
61 117.5 98.1 147.1
98 61.1 51.4 77.2

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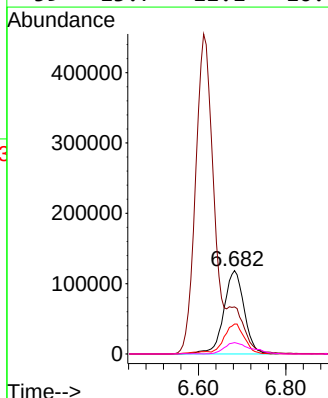
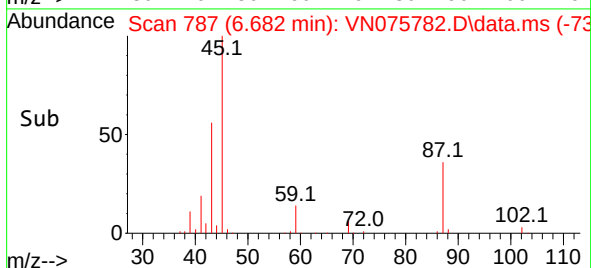
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

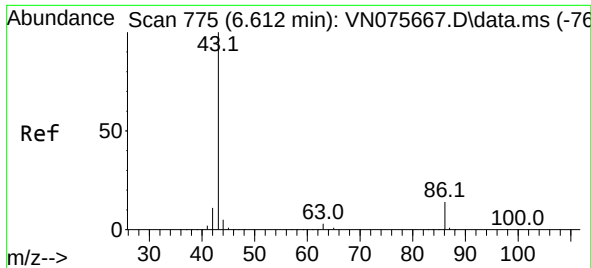


#22
Diisopropyl ether
Concen: 52.920 ug/l
RT: 6.682 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN075782.D
Acq: 14 Dec 2022 20:03



Tgt Ion: 45 Resp: 381578
Ion Ratio Lower Upper
45 100
43 55.3 44.2 66.4
87 35.8 28.3 42.5
59 13.7 11.1 16.7





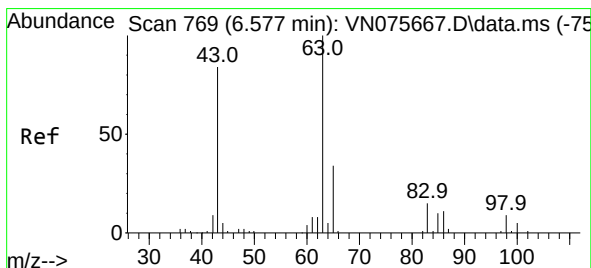
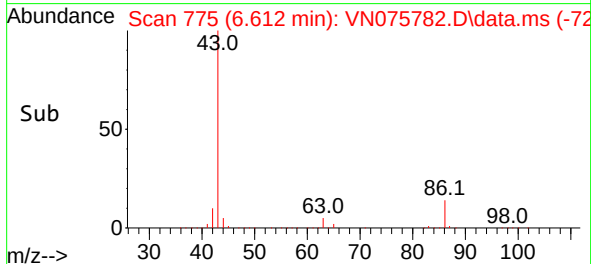
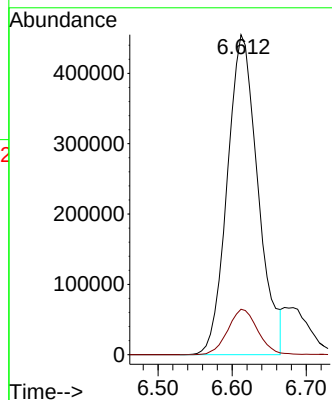
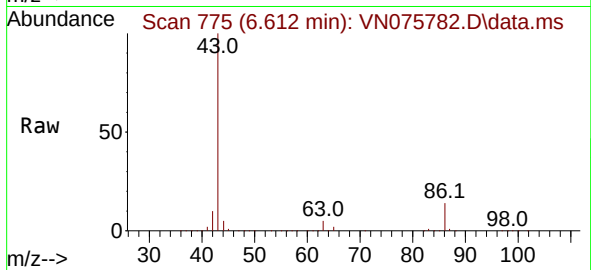
#23
 Vinyl Acetate
 Concen: 269.544 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. -0.000 min
 Lab File: VN075782.D
 Acq: 14 Dec 2022 20:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 130815
 Ion Ratio Lower Upper
 43 100
 86 14.2 11.4 17.2

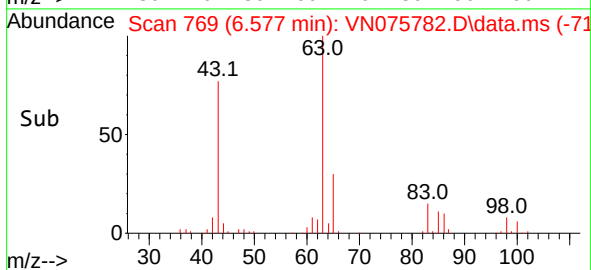
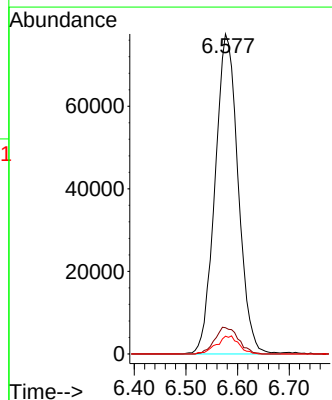
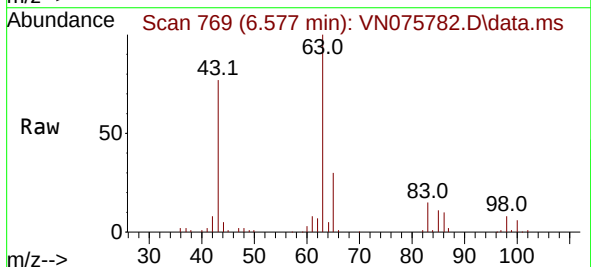
Manual Integrations
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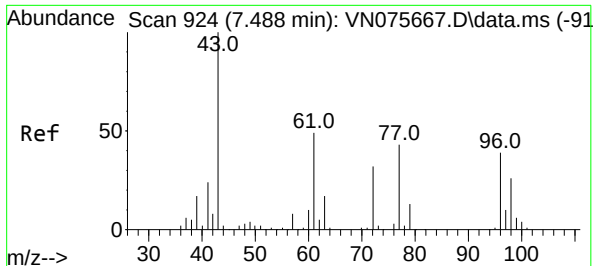
Reviewed By :John Carlone 12/15/2022
 Supervised By :Mahesh Dadoda 12/15/2022



#24
 1,1-Dichloroethane
 Concen: 49.881 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VN075782.D
 Acq: 14 Dec 2022 20:03

Tgt Ion: 63 Resp: 239869
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.9 11.5
 100 5.6 2.5 7.6





#25

2-Butanone

Concen: 256.667 ug/l

RT: 7.488 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN075782.D

Acq: 14 Dec 2022 20:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 386110

Ion Ratio Lower Upper

43 100

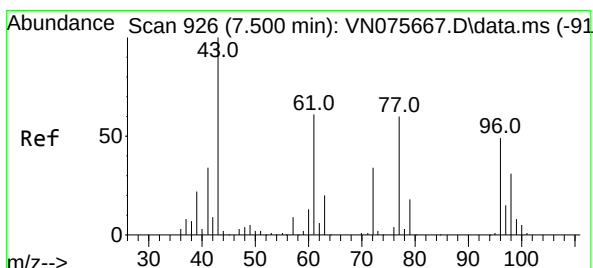
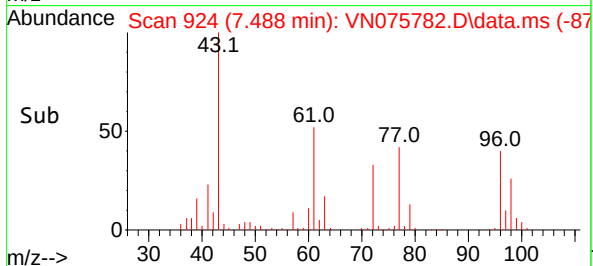
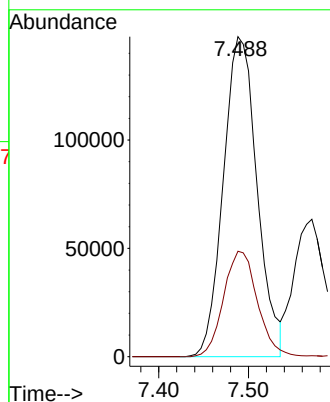
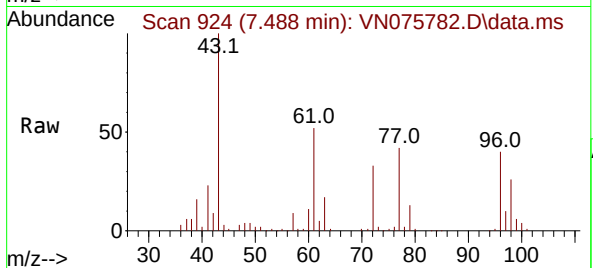
72 32.9 28.0 42.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#26

2,2-Dichloropropane

Concen: 47.729 ug/l

RT: 7.500 min Scan# 926

Delta R.T. 0.006 min

Lab File: VN075782.D

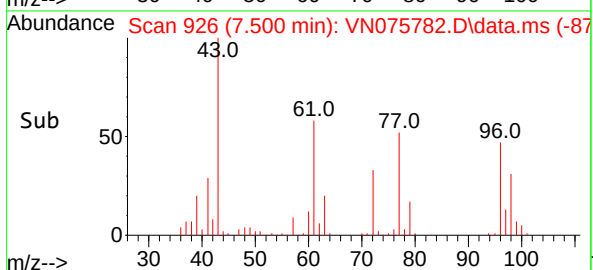
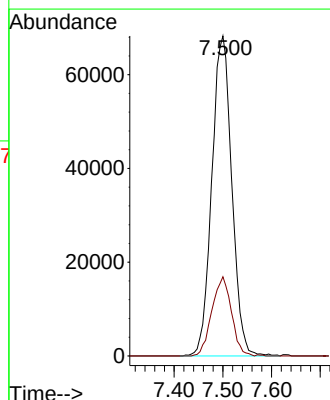
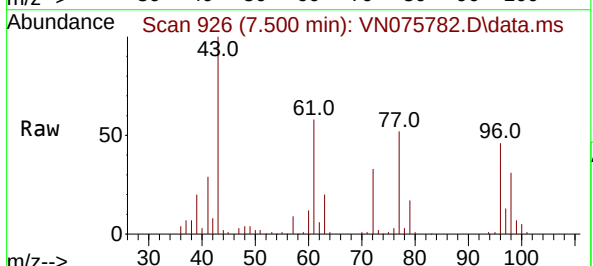
Acq: 14 Dec 2022 20:03

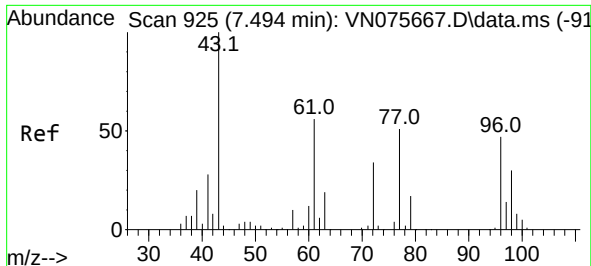
Tgt Ion: 77 Resp: 194369

Ion Ratio Lower Upper

77 100

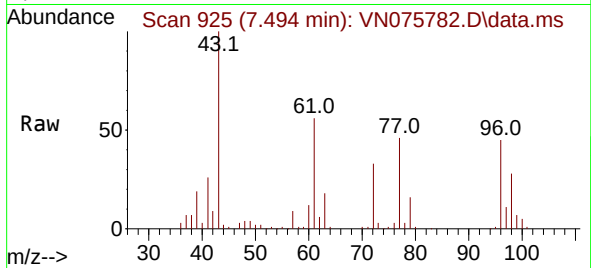
97 24.2 12.7 38.0





#27
cis-1,2-Dichloroethene
Concen: 50.740 ug/l
RT: 7.494 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075782.D
Acq: 14 Dec 2022 20:03

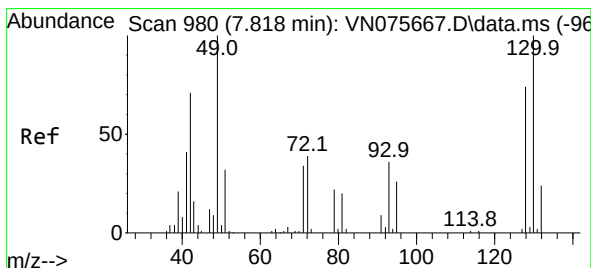
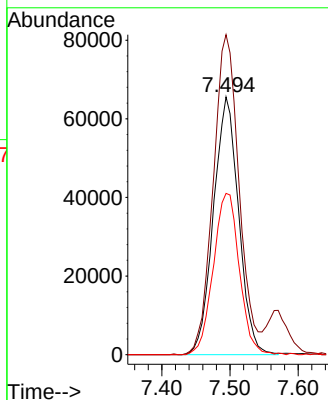
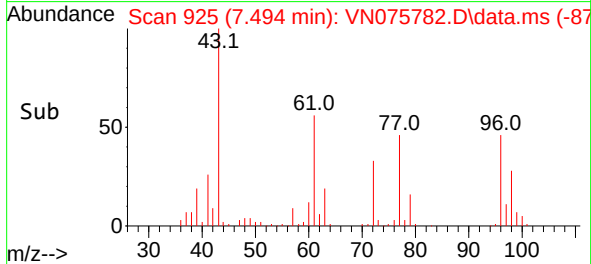
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 16874
Ion Ratio Lower Upper
96 100
61 127.8 0.0 247.8
98 64.6 0.0 128.4

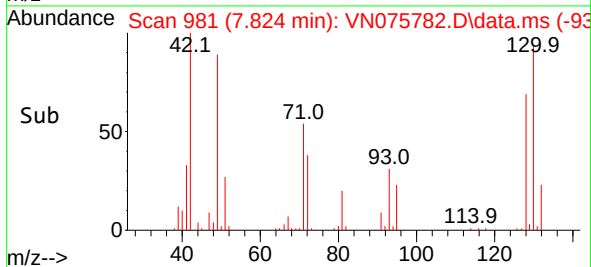
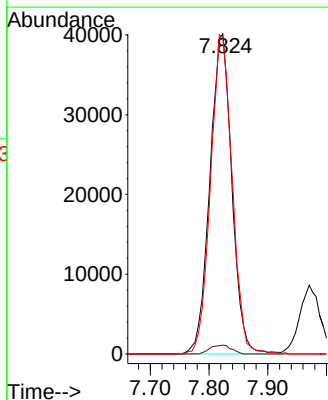
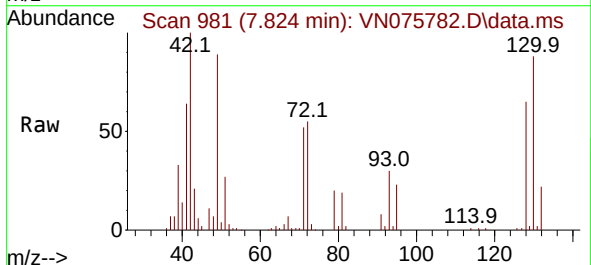
Manual Integrations
APPROVED

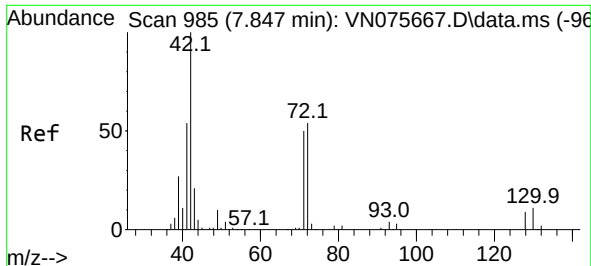
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#28
Bromochloromethane
Concen: 49.334 ug/l
RT: 7.824 min Scan# 981
Delta R.T. -0.000 min
Lab File: VN075782.D
Acq: 14 Dec 2022 20:03

Tgt Ion: 49 Resp: 103982
Ion Ratio Lower Upper
49 100
129 2.7 0.0 5.0
130 97.8 77.0 115.4





#29

Tetrahydrofuran

Concen: 271.140 ug/l

RT: 7.841 min Scan# 985

Delta R.T. -0.000 min

Lab File: VN075782.D

Acq: 14 Dec 2022 20:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 25561

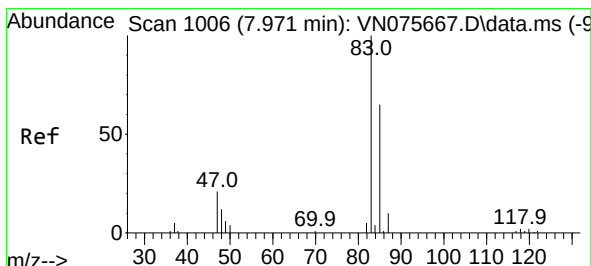
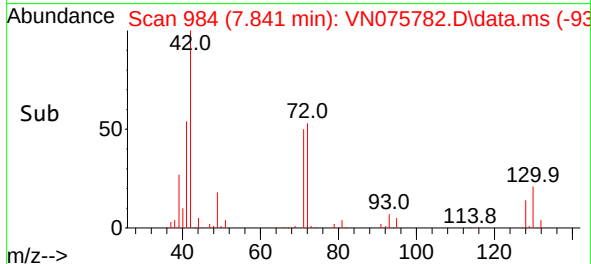
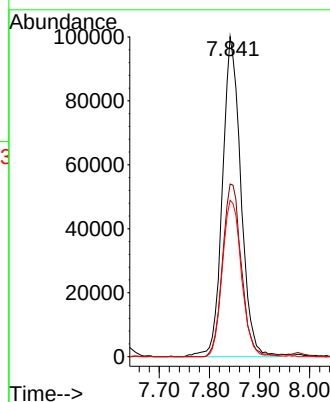
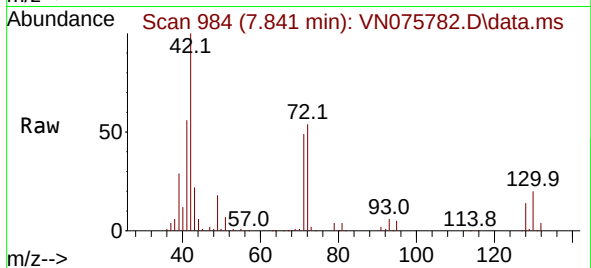
Ion	Ratio	Lower	Upper
42	100		
72	55.3	44.5	66.7
71	50.9	41.0	61.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#30

Chloroform

Concen: 50.119 ug/l

RT: 7.971 min Scan# 1006

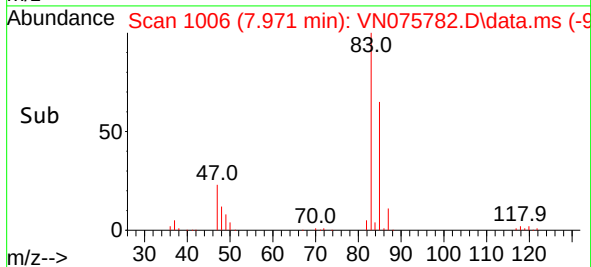
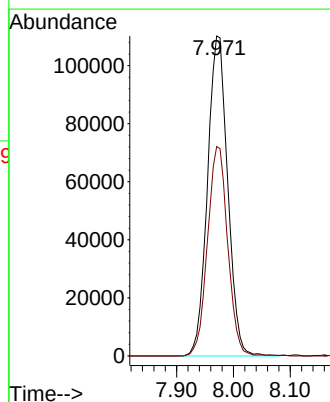
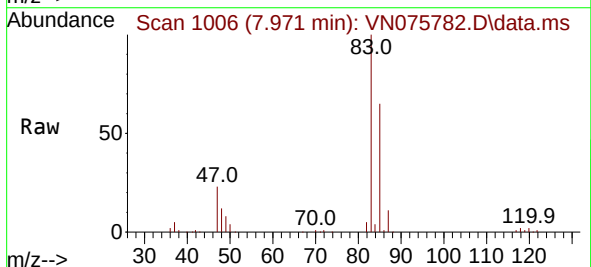
Delta R.T. -0.000 min

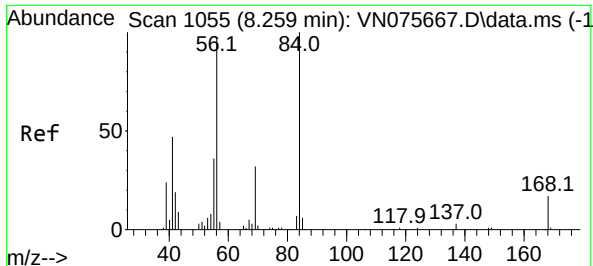
Lab File: VN075782.D

Acq: 14 Dec 2022 20:03

Tgt Ion: 83 Resp: 271357

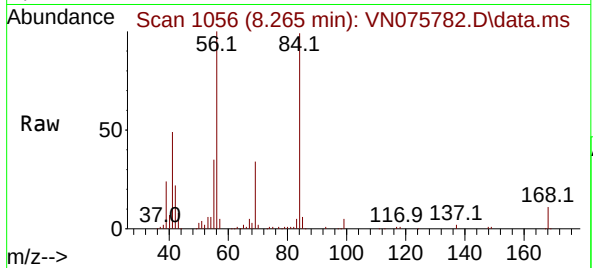
Ion	Ratio	Lower	Upper
83	100		
85	65.4	49.1	73.7





#31
Cyclohexane
Concen: 46.391 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN075782.D
Acq: 14 Dec 2022 20:03

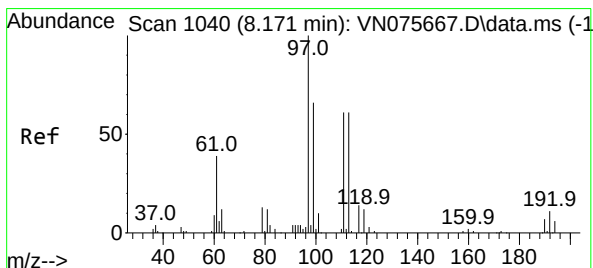
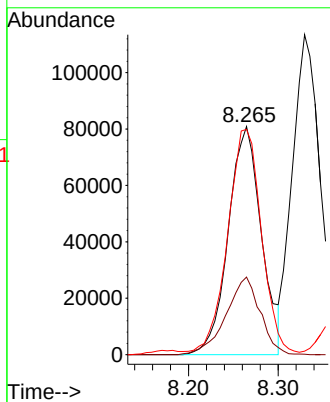
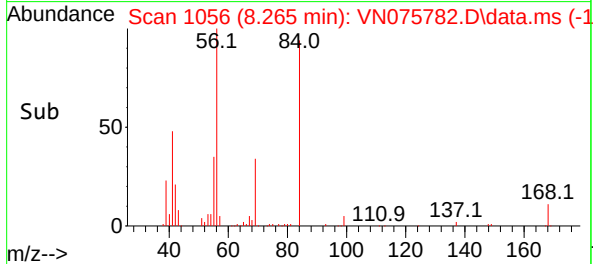
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



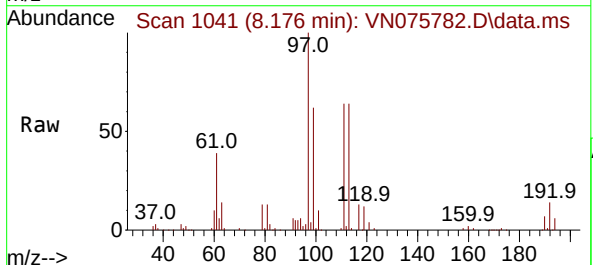
Tgt Ion: 56 Resp: 207074
Ion Ratio Lower Upper
56 100
69 34.0 24.7 37.1
84 97.3 76.5 114.7

Manual Integrations
APPROVED

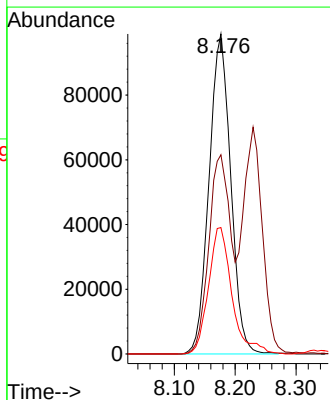
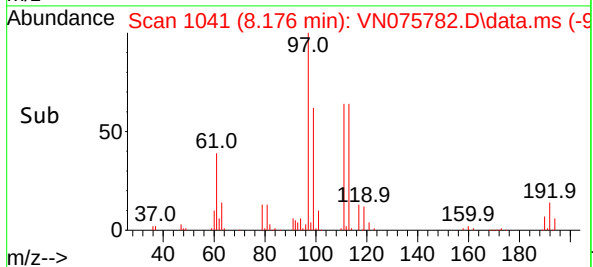
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

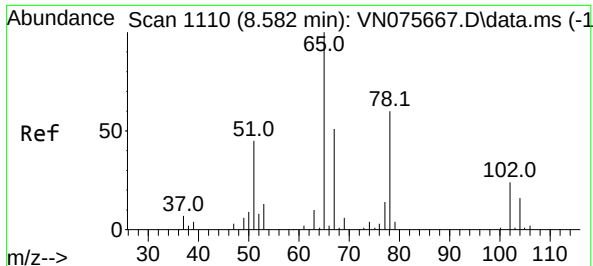


#32
1,1,1-Trichloroethane
Concen: 50.932 ug/l
RT: 8.176 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN075782.D
Acq: 14 Dec 2022 20:03



Tgt Ion: 97 Resp: 244478
Ion Ratio Lower Upper
97 100
99 62.4 50.2 75.2
61 42.9 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 56.332 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN075782.D

Acq: 14 Dec 2022 20:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 175572

Ion Ratio Lower Upper

65 100

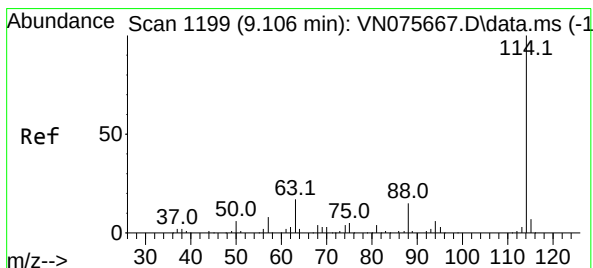
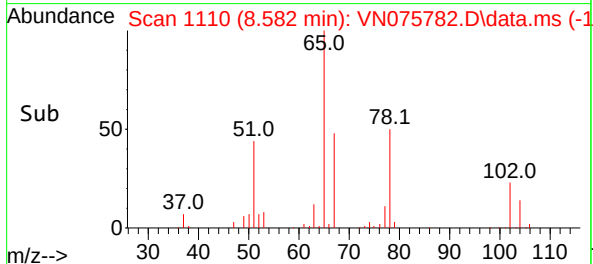
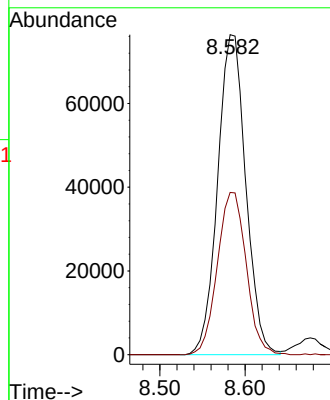
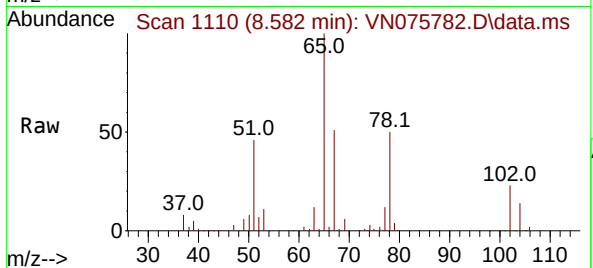
67 51.9 0.0 103.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075782.D

Acq: 14 Dec 2022 20:03

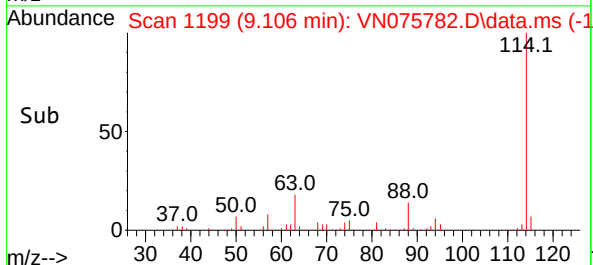
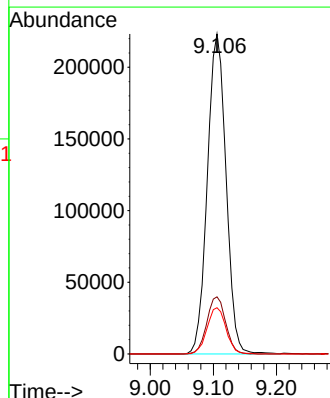
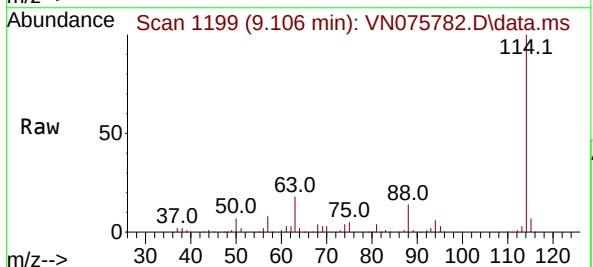
Tgt Ion:114 Resp: 459677

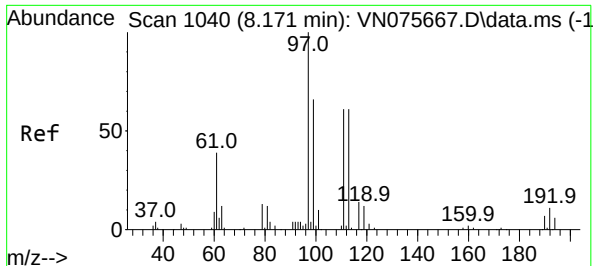
Ion Ratio Lower Upper

114 100

63 17.9 0.0 34.4

88 14.4 0.0 28.8





#35

Dibromofluoromethane

Concen: 55.781 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075782.D

Acq: 14 Dec 2022 20:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 113 Resp: 158792

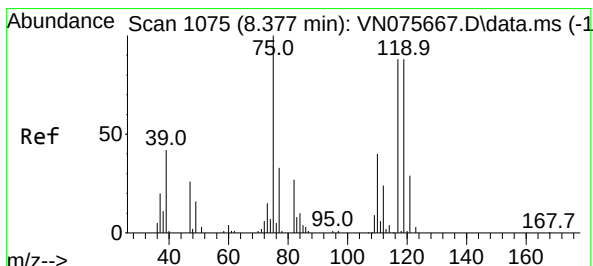
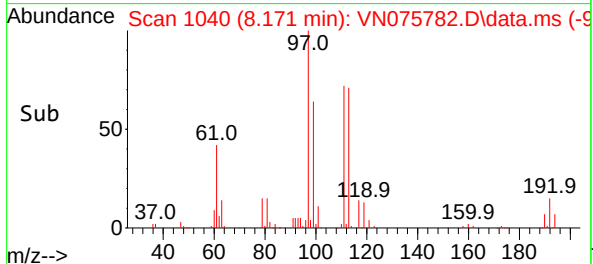
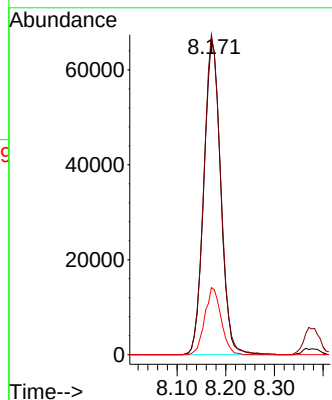
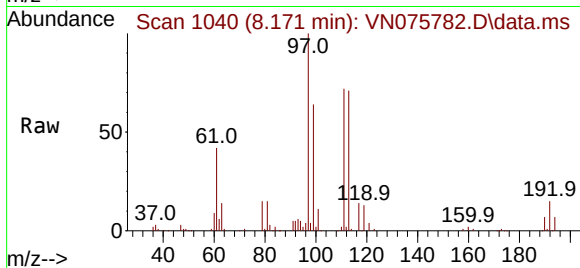
Ion	Ratio	Lower	Upper
113	100		
111	101.6	83.4	125.2
192	20.7	16.1	24.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#36

1,1-Dichloropropene

Concen: 50.415 ug/l

RT: 8.376 min Scan# 1075

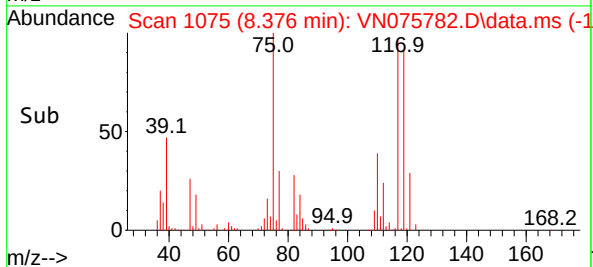
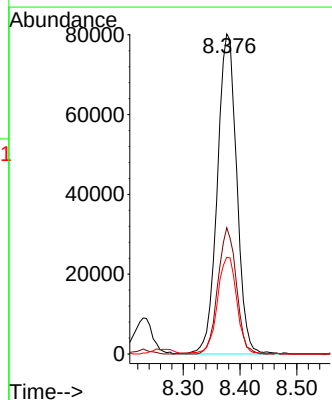
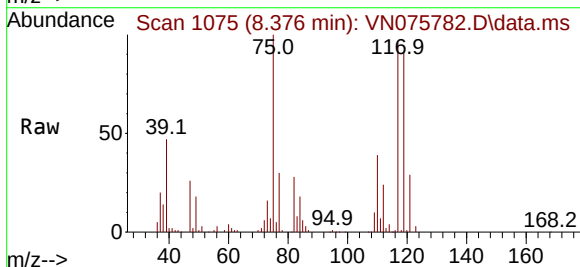
Delta R.T. -0.000 min

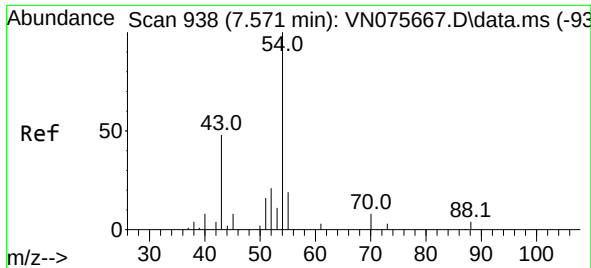
Lab File: VN075782.D

Acq: 14 Dec 2022 20:03

Tgt Ion: 75 Resp: 190646

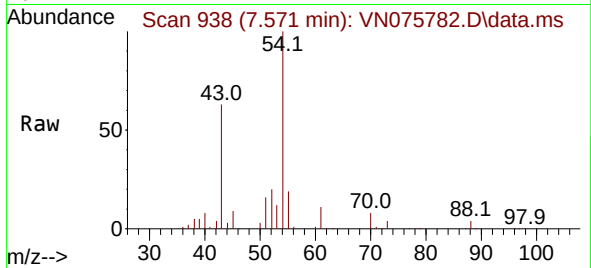
Ion	Ratio	Lower	Upper
75	100		
110	37.4	18.8	56.4
77	30.4	24.1	36.1





#37
Ethyl Acetate
Concen: 53.071 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN075782.D
Acq: 14 Dec 2022 20:03

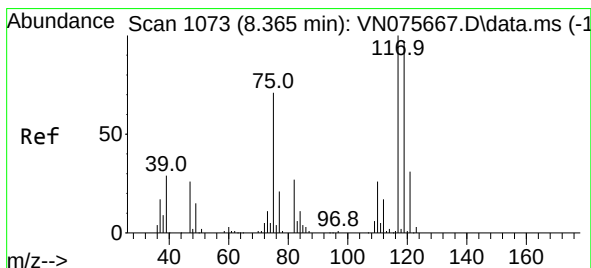
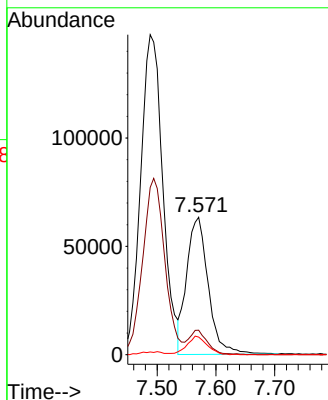
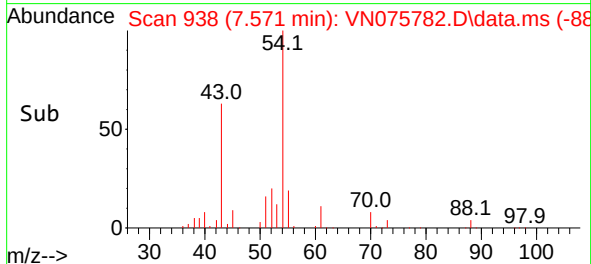
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 16120
Ion Ratio Lower Upper
43 100
61 15.1 13.0 19.4
70 12.7 9.4 14.0

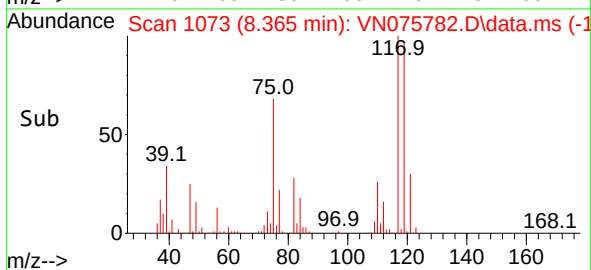
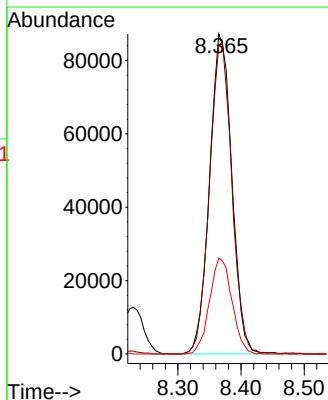
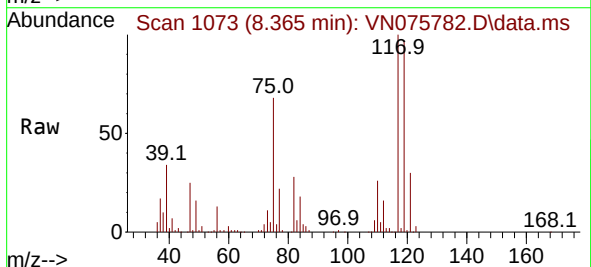
Manual Integrations
APPROVED

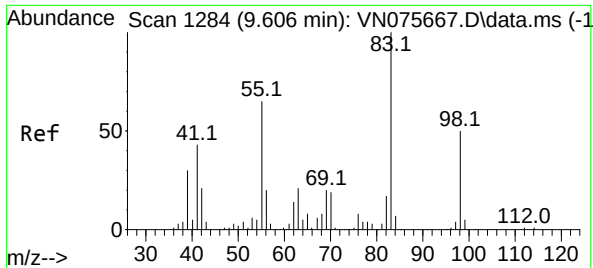
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#38
Carbon Tetrachloride
Concen: 50.527 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN075782.D
Acq: 14 Dec 2022 20:03

Tgt Ion:117 Resp: 213851
Ion Ratio Lower Upper
117 100
119 96.6 76.1 114.1
121 30.0 24.5 36.7





#39
Methylcyclohexane
Concen: 51.550 ug/l
RT: 9.606 min Scan# 1115
Delta R.T. -0.000 min
Lab File: VN075782.D
Acq: 14 Dec 2022 20:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

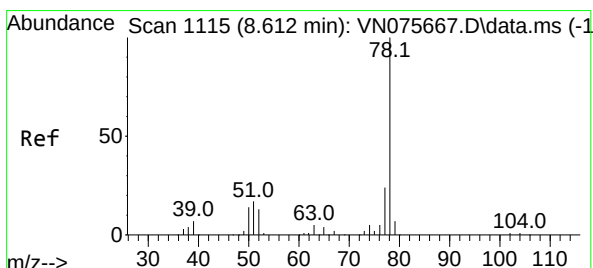
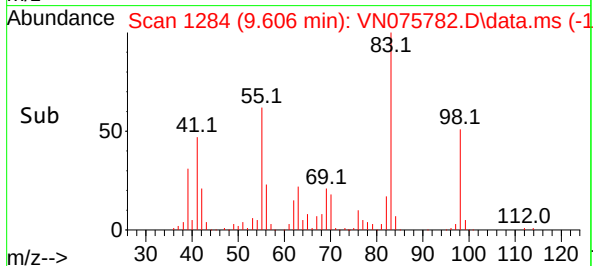
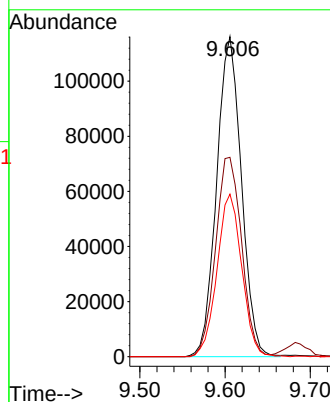
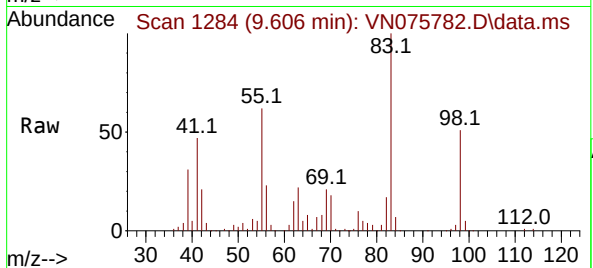
Tgt Ion: 83 Resp: 23518
Ion Ratio Lower Upper
83 100
55 62.3 51.4 77.0
98 50.8 39.8 59.8

Manual Integrations

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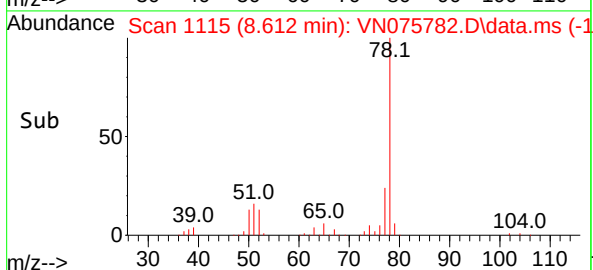
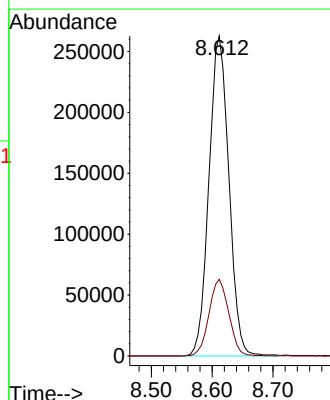
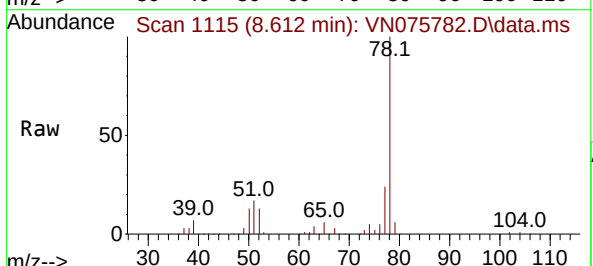
Reviewed By :John Carlone 12/15/2022

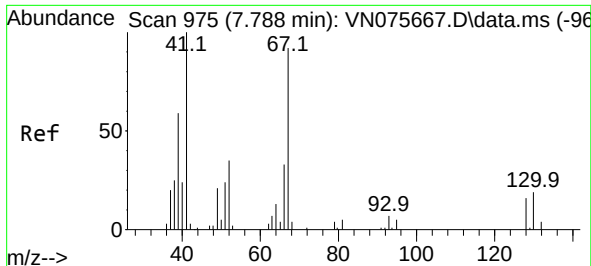
Supervised By :Mahesh Dadoda 12/15/2022



#40
Benzene
Concen: 51.232 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. -0.000 min
Lab File: VN075782.D
Acq: 14 Dec 2022 20:03

Tgt Ion: 78 Resp: 597747
Ion Ratio Lower Upper
78 100
77 23.9 18.5 27.7





#41
Methacrylonitrile
Concen: 54.121 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075782.D
Acq: 14 Dec 2022 20:03

Instrument :

MSVOA_N

ClientSampleId :

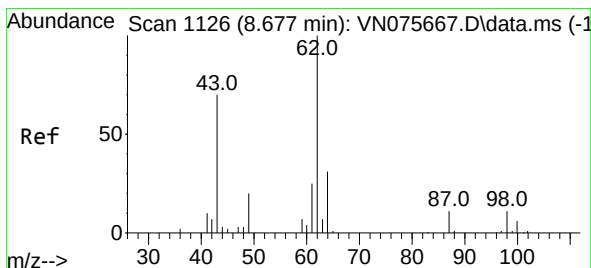
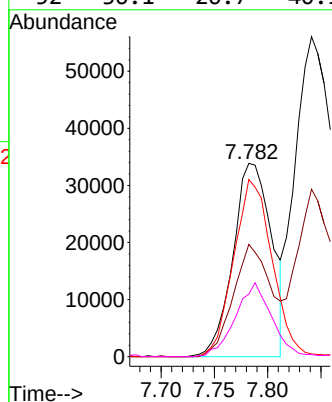
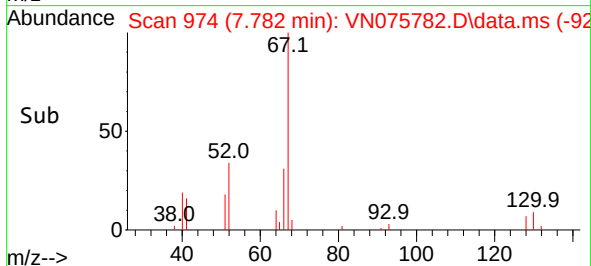
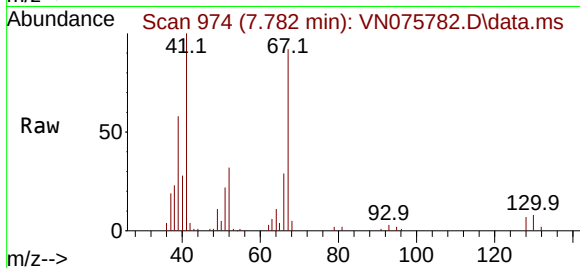
VSTDCCC050EC

Tgt Ion: 41 Resp: 8545
Ion Ratio Lower Upper
41 100
39 56.4 43.1 64.7
67 91.2 70.7 106.1
52 36.1 26.7 40.1

Manual Integrations

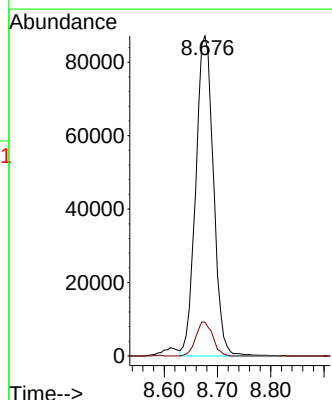
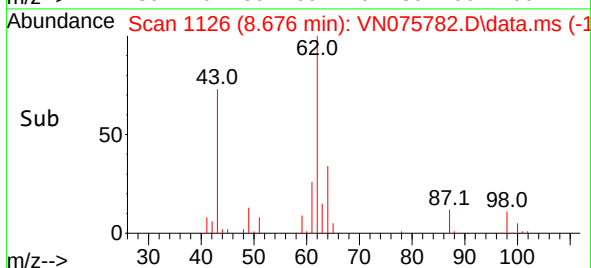
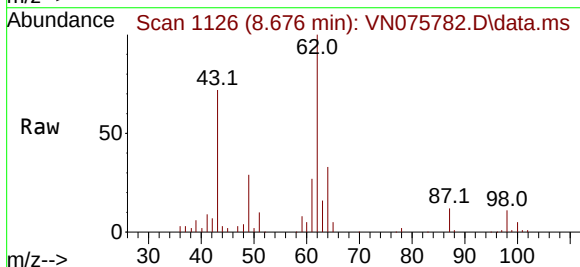
APPROVED

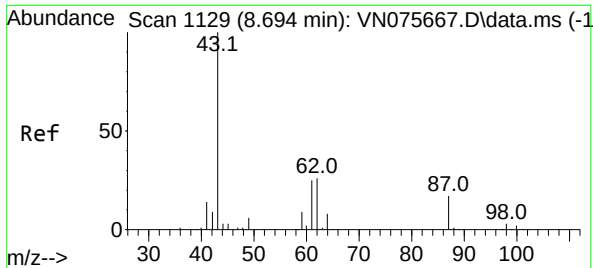
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#42
1,2-Dichloroethane
Concen: 51.919 ug/l
RT: 8.676 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN075782.D
Acq: 14 Dec 2022 20:03

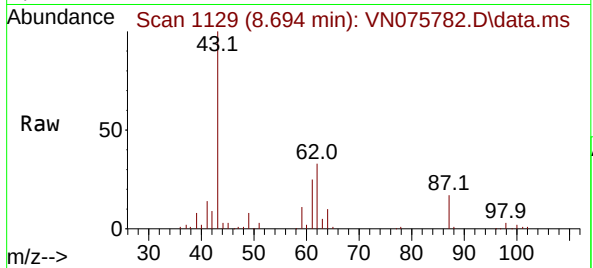
Tgt Ion: 62 Resp: 201391
Ion Ratio Lower Upper
62 100
98 10.2 0.0 20.8





#43
Isopropyl Acetate
Concen: 55.841 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VN075782.D
Acq: 14 Dec 2022 20:03

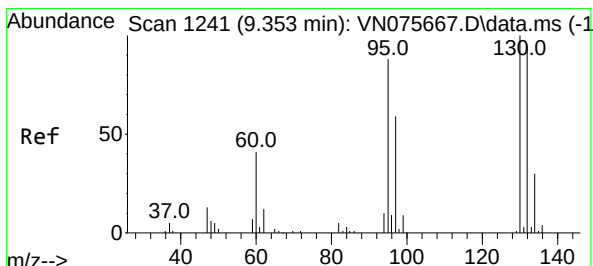
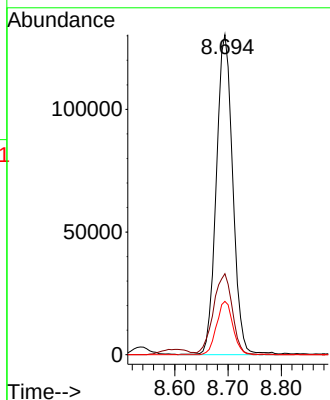
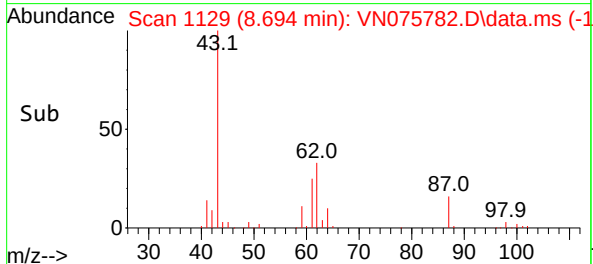
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



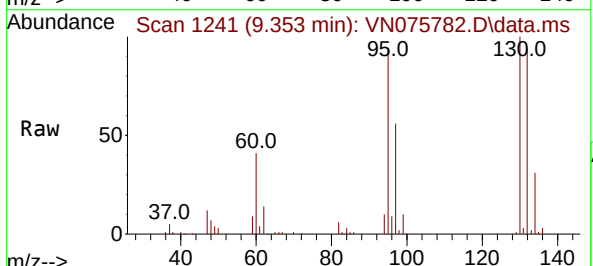
Tgt Ion: 43 Resp: 279797
Ion Ratio Lower Upper
43 100
61 29.0 24.2 36.4
87 16.5 13.3 19.9

Manual Integrations
APPROVED

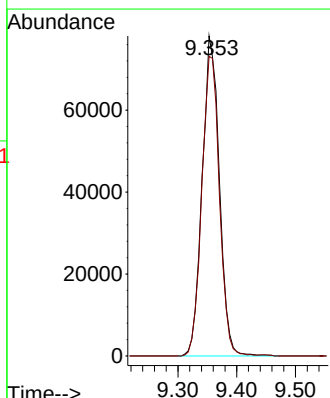
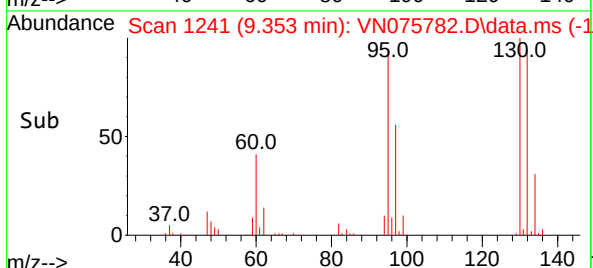
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

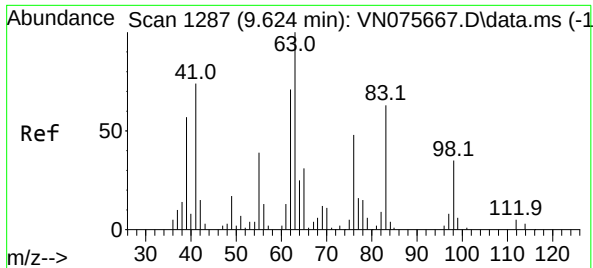


#44
Trichloroethene
Concen: 48.183 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. -0.006 min
Lab File: VN075782.D
Acq: 14 Dec 2022 20:03



Tgt Ion:130 Resp: 158376
Ion Ratio Lower Upper
130 100
95 93.6 0.0 195.4





#45

1,2-Dichloropropane

Concen: 51.251 ug/l

RT: 9.623 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN075782.D

Acq: 14 Dec 2022 20:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 145514

Ion Ratio Lower Upper

63 100

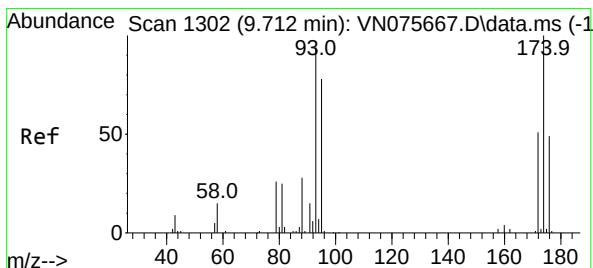
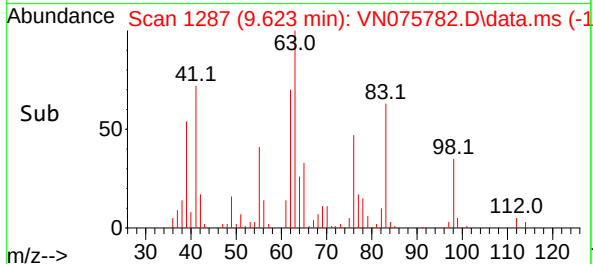
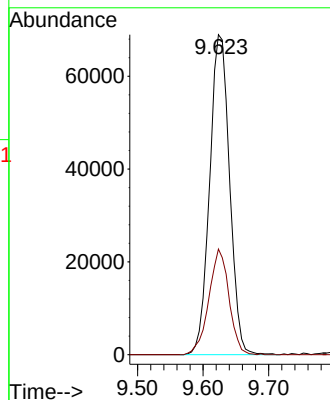
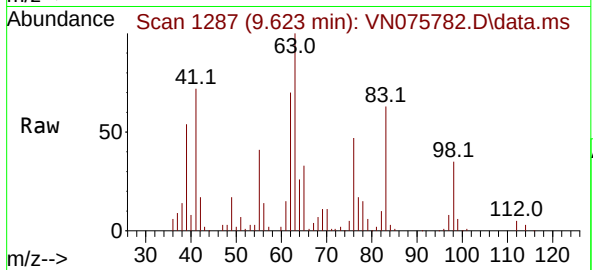
65 33.0 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#46

Dibromomethane

Concen: 51.915 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN075782.D

Acq: 14 Dec 2022 20:03

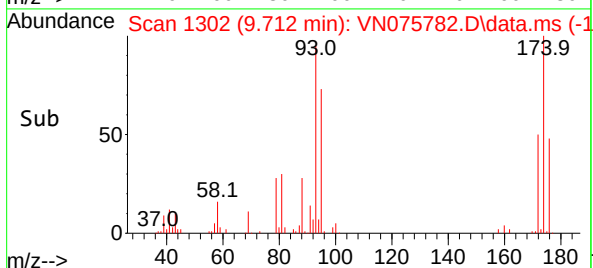
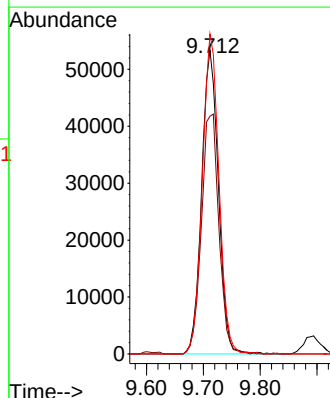
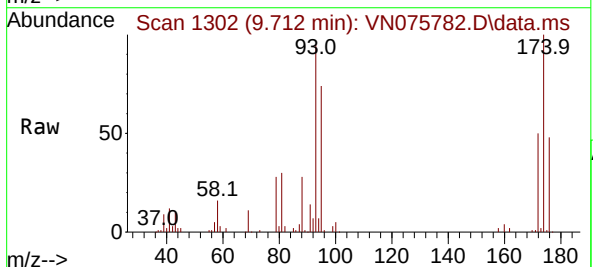
Tgt Ion: 93 Resp: 109325

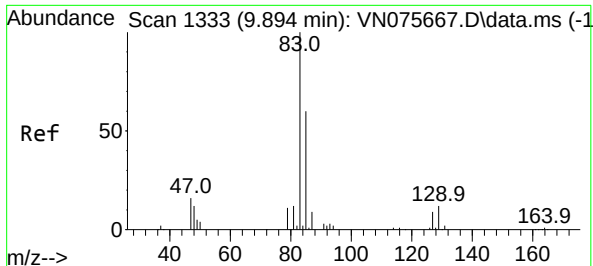
Ion Ratio Lower Upper

93 100

95 82.3 65.2 97.8

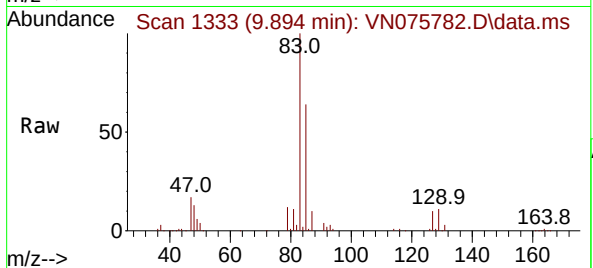
174 104.2 82.4 123.6





#47
Bromodichloromethane
Concen: 52.779 ug/l
RT: 9.894 min Scan# 1333
Delta R.T. 0.006 min
Lab File: VN075782.D
Acq: 14 Dec 2022 20:03

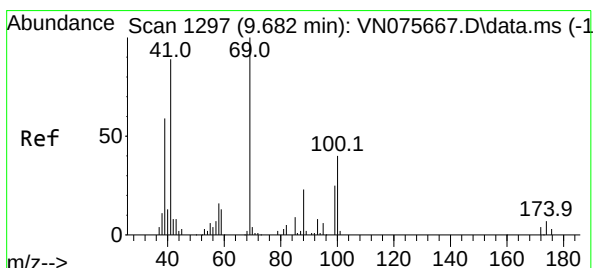
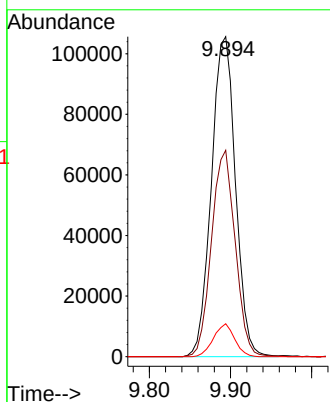
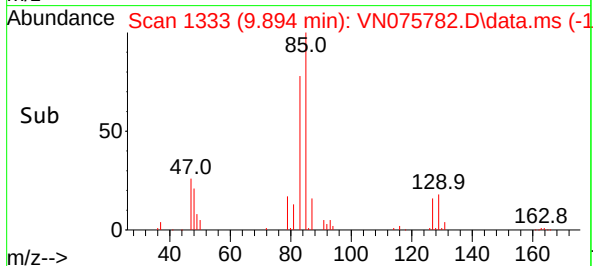
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 217960
Ion Ratio Lower Upper
83 100
85 64.5 51.5 77.3
127 10.3 6.6 10.0

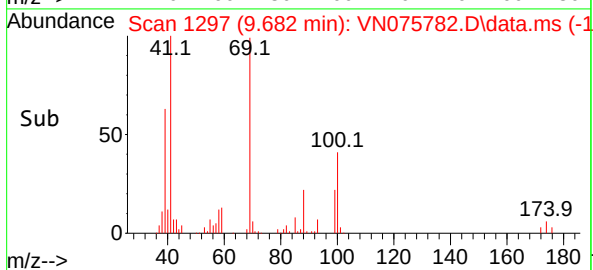
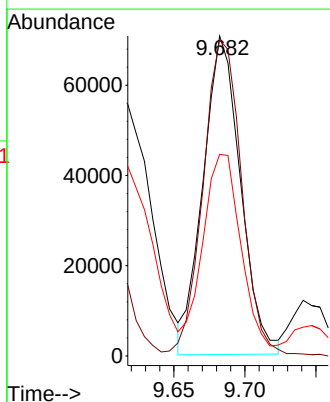
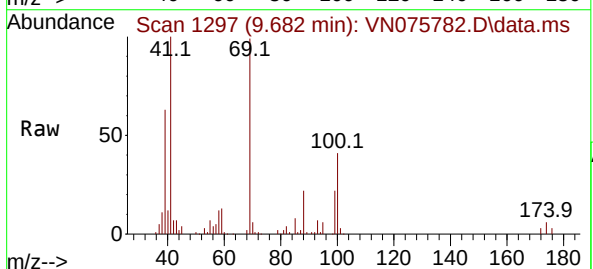
Manual Integrations
APPROVED

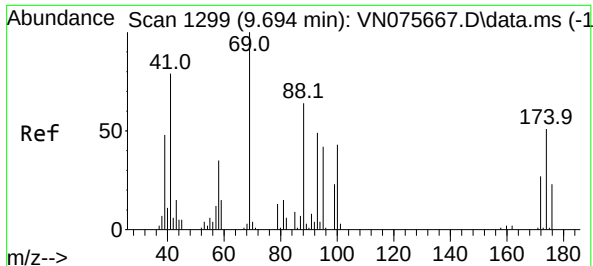
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#48
Methyl methacrylate
Concen: 57.201 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. -0.000 min
Lab File: VN075782.D
Acq: 14 Dec 2022 20:03

Tgt Ion: 41 Resp: 129089
Ion Ratio Lower Upper
41 100
69 102.9 81.9 122.9
39 66.0 51.6 77.4





#49

1,4-Dioxane

Concen: 1068.912 ug/l

RT: 9.694 min Scan# 1299

Delta R.T. -0.006 min

Lab File: VN075782.D

Acq: 14 Dec 2022 20:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 59304

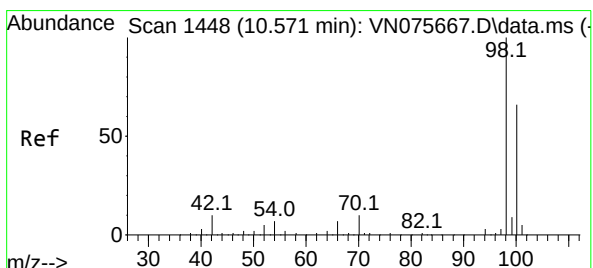
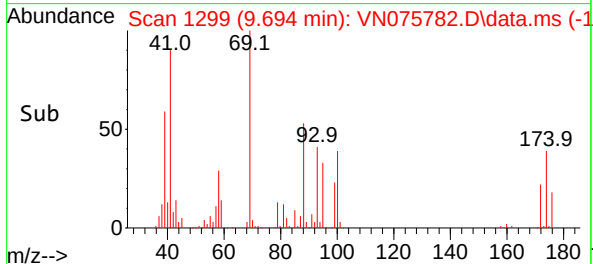
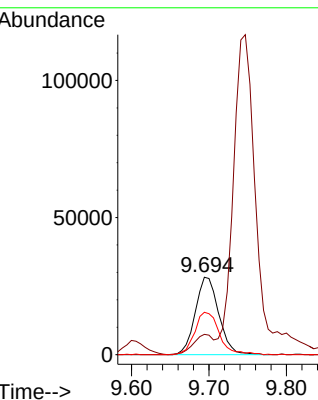
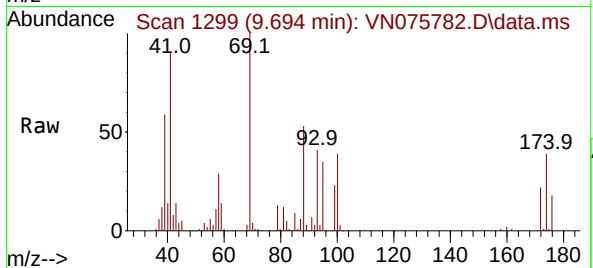
Ion	Ratio	Lower	Upper
88	100		
43	22.0	17.1	25.7
58	57.6	47.8	71.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#50

Toluene-d8

Concen: 56.323 ug/l

RT: 10.570 min Scan# 1448

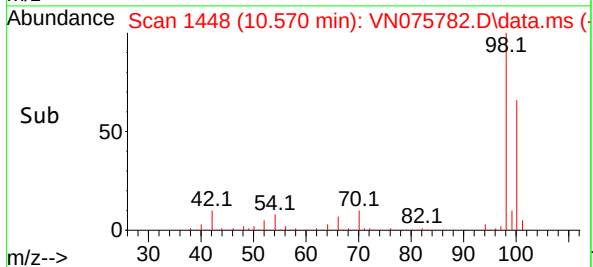
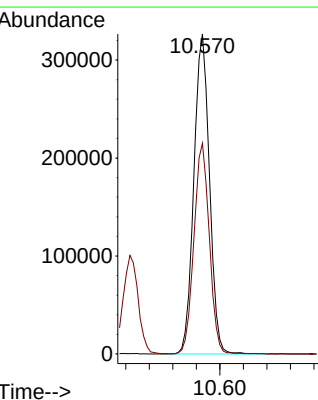
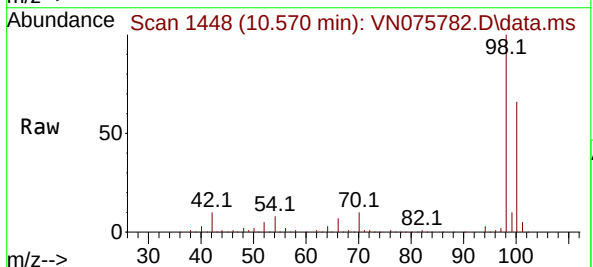
Delta R.T. -0.000 min

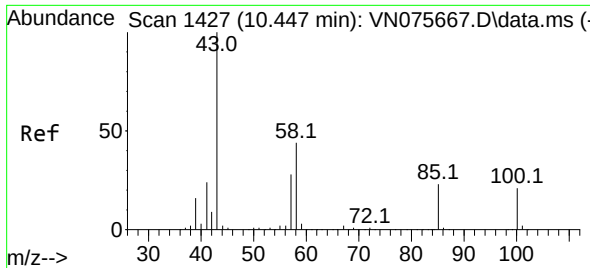
Lab File: VN075782.D

Acq: 14 Dec 2022 20:03

Tgt Ion: 98 Resp: 599481

Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.1	78.1





#51
4-Methyl-2-Pentanone
Concen: 280.865 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN075782.D
Acq: 14 Dec 2022 20:03

Instrument :

MSVOA_N

ClientSampleId :

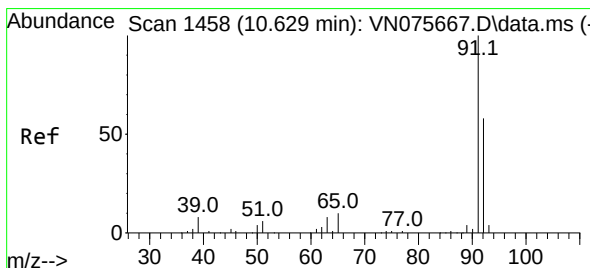
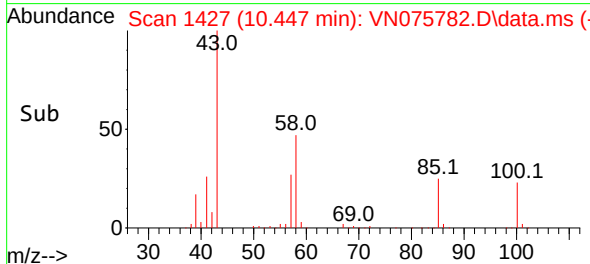
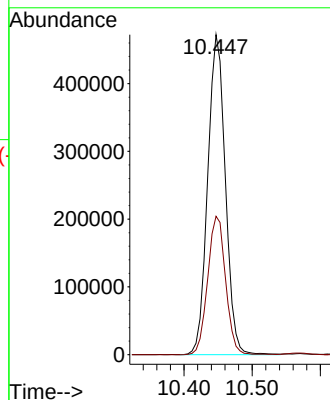
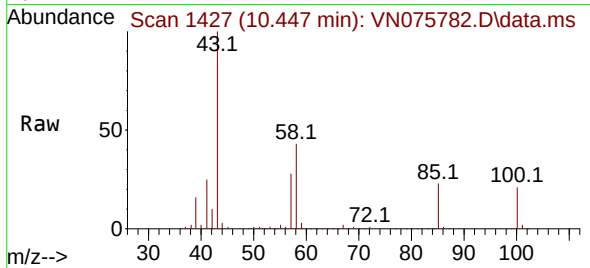
VSTDCCC050EC

Tgt Ion: 43 Resp: 85108
Ion Ratio Lower Upper
43 100
58 43.9 35.5 53.3

Manual Integrations

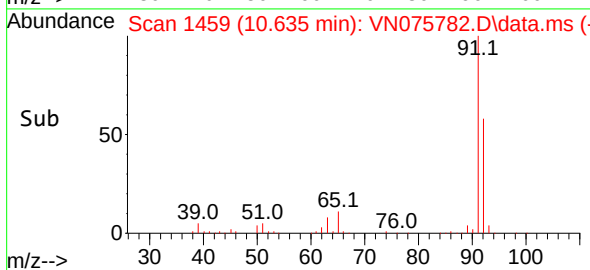
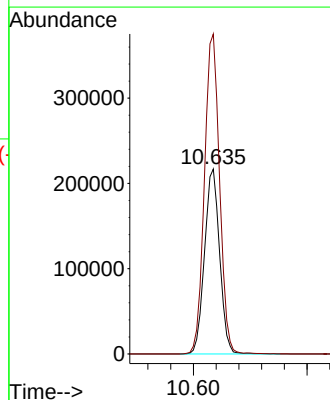
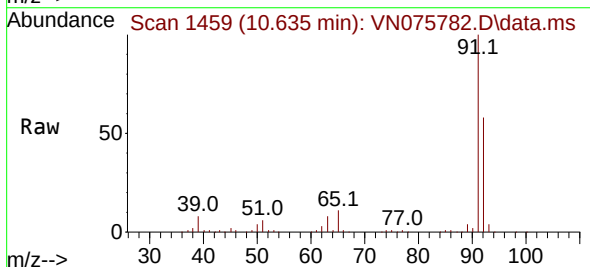
APPROVED

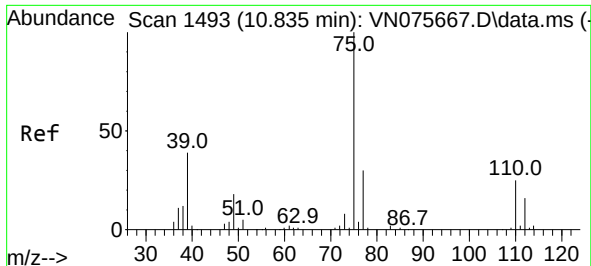
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#52
Toluene
Concen: 52.440 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VN075782.D
Acq: 14 Dec 2022 20:03

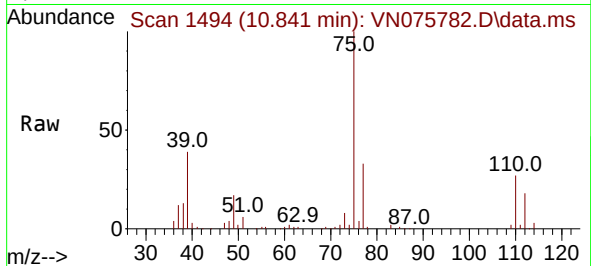
Tgt Ion: 92 Resp: 398476
Ion Ratio Lower Upper
92 100
91 173.7 137.3 205.9





#53
 t-1,3-Dichloropropene
 Concen: 54.938 ug/l
 RT: 10.841 min Scan# 1493
 Delta R.T. 0.006 min
 Lab File: VN075782.D
 Acq: 14 Dec 2022 20:03

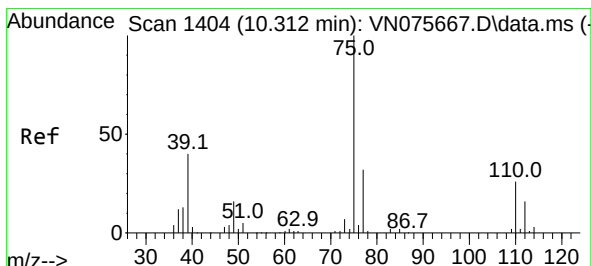
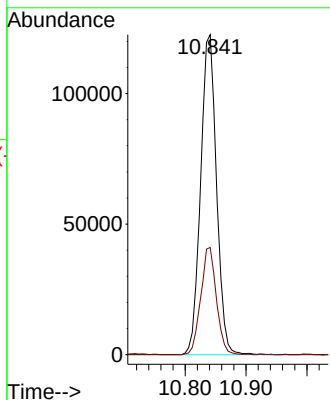
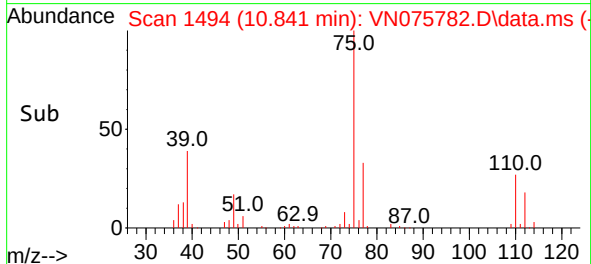
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



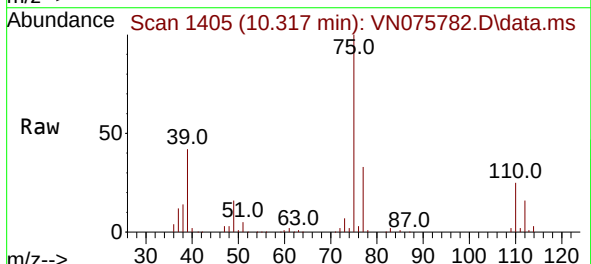
Tgt Ion: 75 Resp: 222085
 Ion Ratio Lower Upper
 75 100
 77 33.5 24.9 37.3

Manual Integrations
 APPROVED

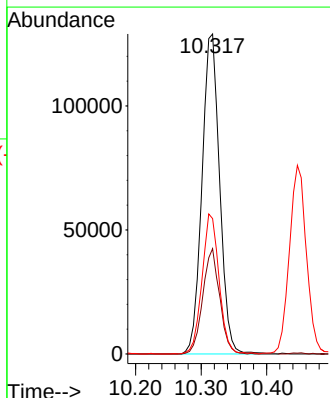
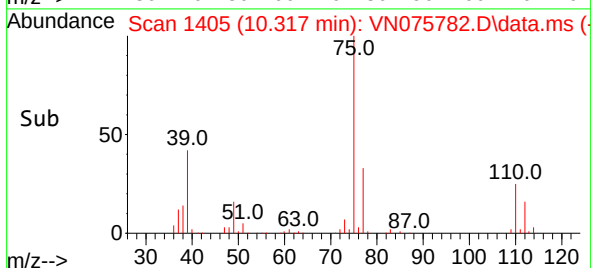
Reviewed By :John Carlone 12/15/2022
 Supervised By :Mahesh Dadoda 12/15/2022

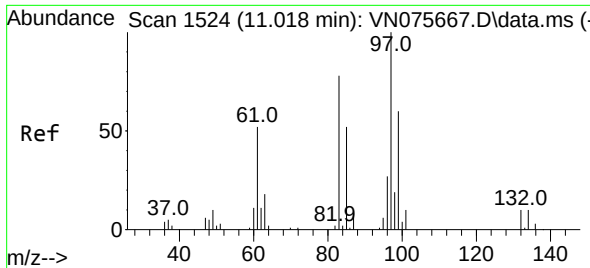


#54
 cis-1,3-Dichloropropene
 Concen: 54.581 ug/l
 RT: 10.317 min Scan# 1405
 Delta R.T. 0.006 min
 Lab File: VN075782.D
 Acq: 14 Dec 2022 20:03



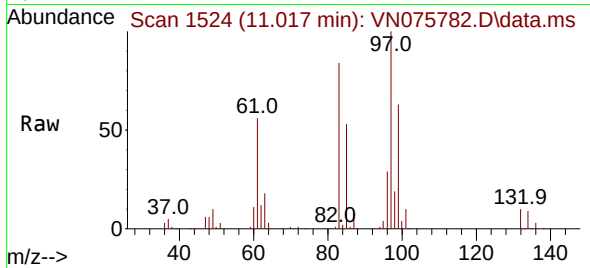
Tgt Ion: 75 Resp: 242254
 Ion Ratio Lower Upper
 75 100
 77 32.9 25.8 38.8
 39 42.3 33.4 50.2





#55
1,1,2-Trichloroethane
Concen: 52.781 ug/l
RT: 11.017 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN075782.D
Acq: 14 Dec 2022 20:03

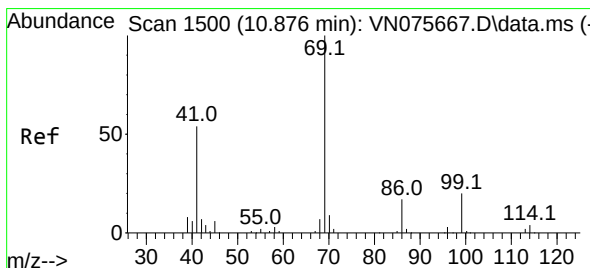
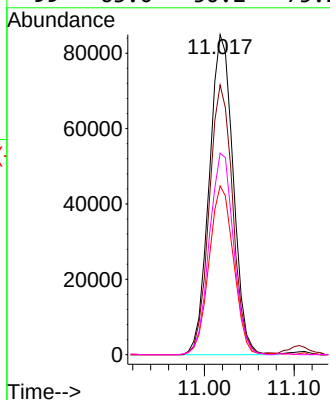
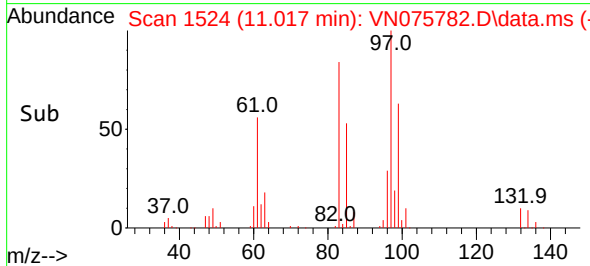
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



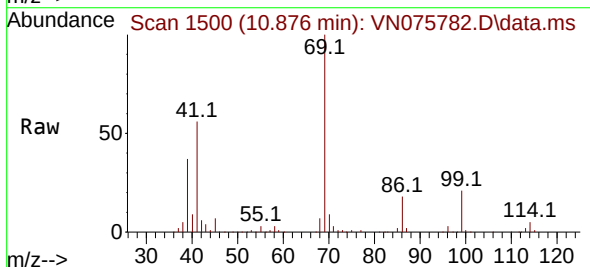
Tgt Ion: 97 Resp: 157420
Ion Ratio Lower Upper
97 100
83 84.3 65.0 97.4
85 52.7 43.0 64.6
99 63.0 50.2 75.2

Manual Integrations
APPROVED

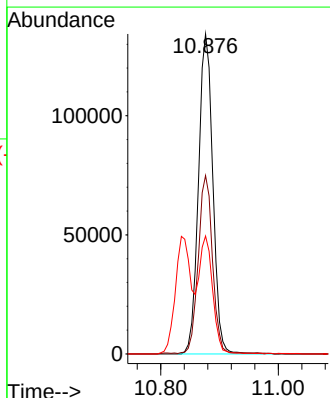
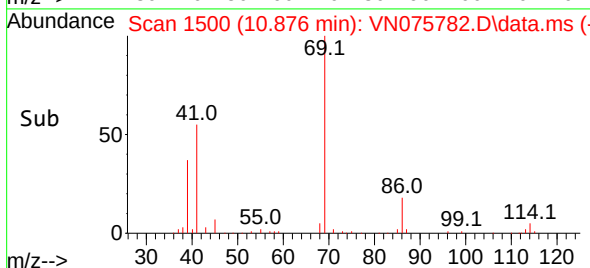
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

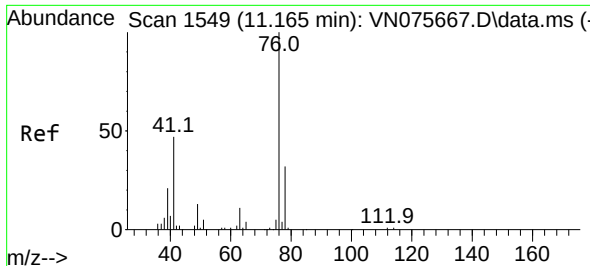


#56
Ethyl methacrylate
Concen: 57.498 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN075782.D
Acq: 14 Dec 2022 20:03



Tgt Ion: 69 Resp: 227785
Ion Ratio Lower Upper
69 100
41 54.9 44.2 66.4
39 33.8 26.4 39.6





#57

1,3-Dichloropropane

Concen: 53.109 ug/l

RT: 11.164 min Scan# 1549

Delta R.T. -0.000 min

Lab File: VN075782.D

Acq: 14 Dec 2022 20:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 25982

Ion Ratio Lower Upper

76 100

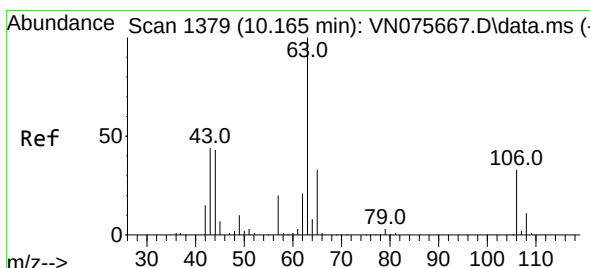
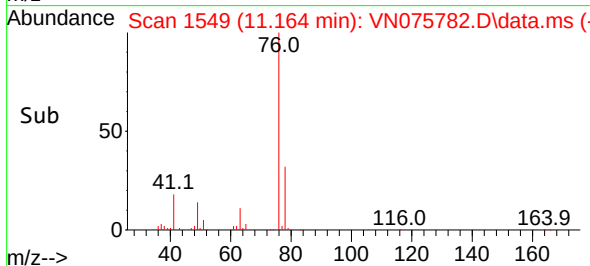
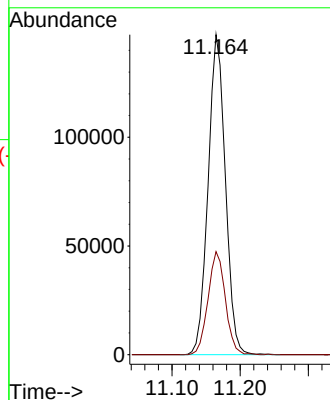
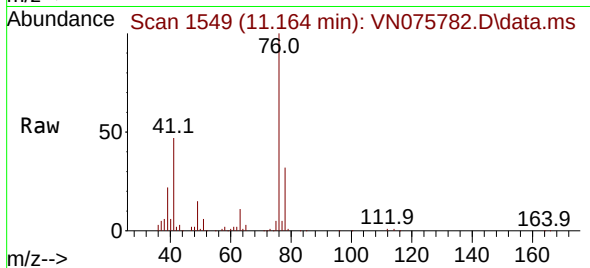
78 32.2 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#58

2-Chloroethyl Vinyl ether

Concen: 256.121 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN075782.D

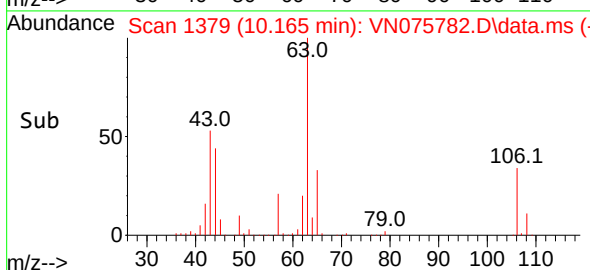
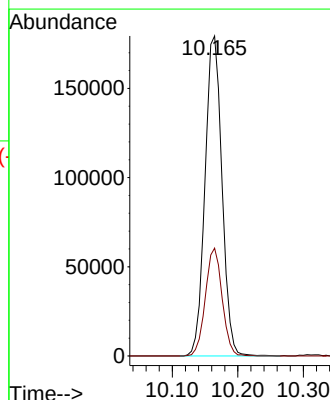
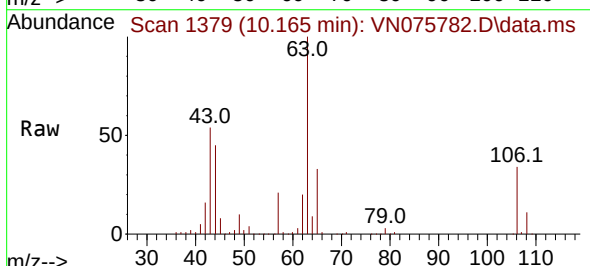
Acq: 14 Dec 2022 20:03

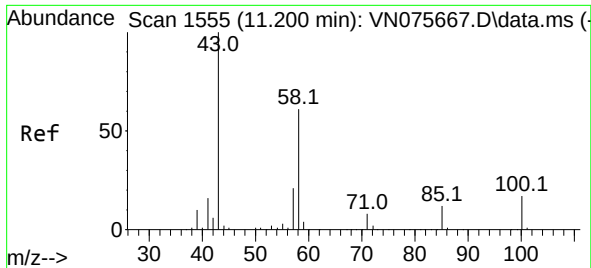
Tgt Ion: 63 Resp: 323047

Ion Ratio Lower Upper

63 100

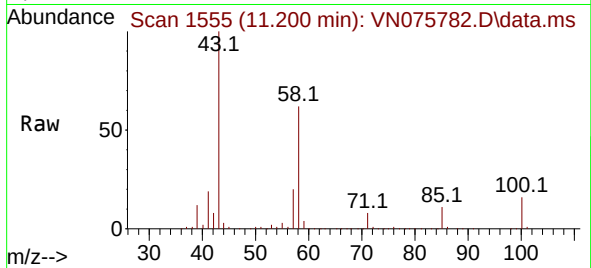
106 33.3 26.4 39.6





#59
2-Hexanone
Concen: 278.453 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN075782.D
Acq: 14 Dec 2022 20:03

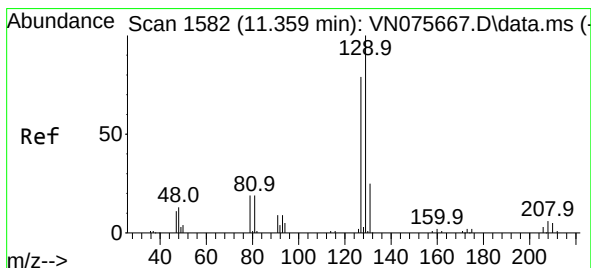
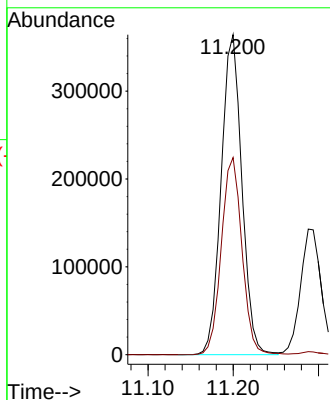
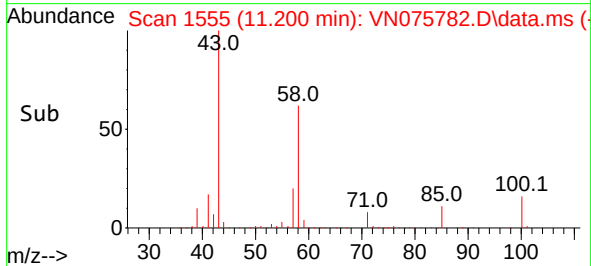
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



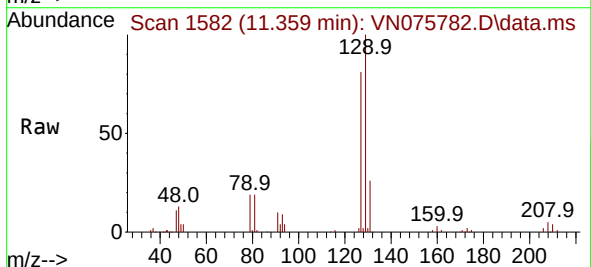
Tgt Ion: 43 Resp: 61533
Ion Ratio Lower Upper
43 100
58 61.5 30.6 92.0

Manual Integrations
APPROVED

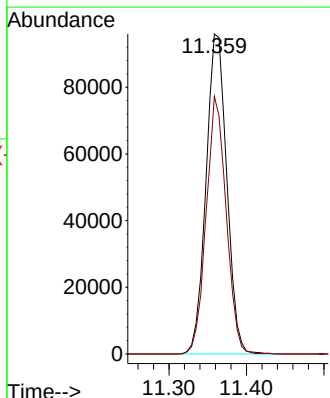
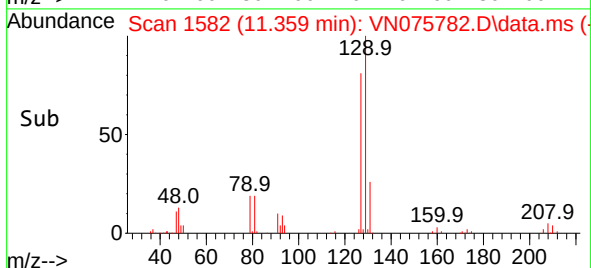
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

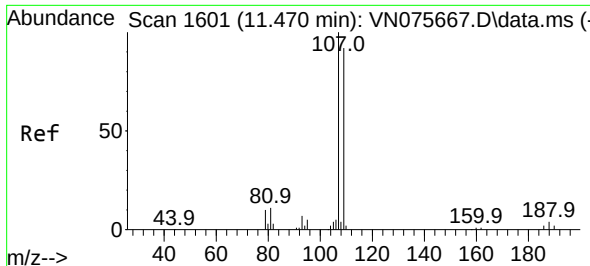


#60
Dibromochloromethane
Concen: 53.800 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN075782.D
Acq: 14 Dec 2022 20:03



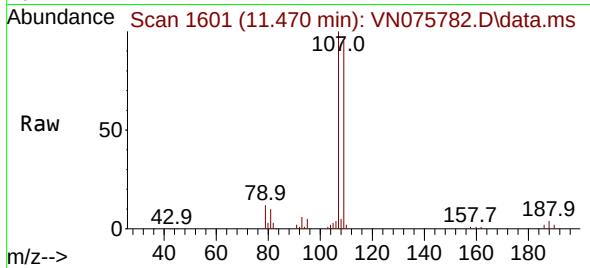
Tgt Ion:129 Resp: 178448
Ion Ratio Lower Upper
129 100
127 77.6 38.3 114.9





#61
1,2-Dibromoethane
Concen: 54.453 ug/l
RT: 11.470 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN075782.D
Acq: 14 Dec 2022 20:03

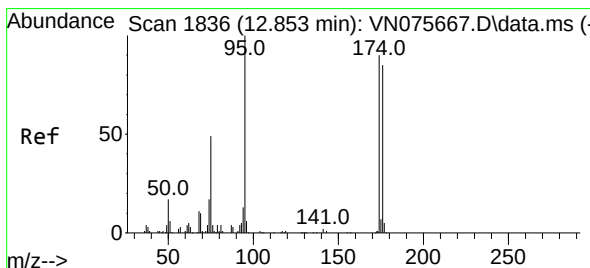
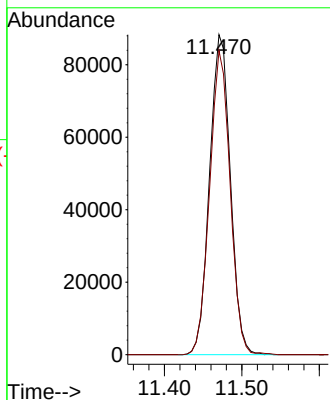
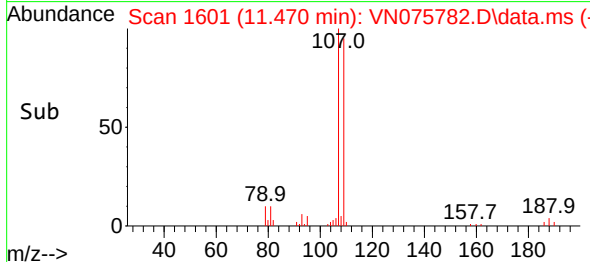
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 16435
Ion Ratio Lower Upper
107 100
109 93.9 74.8 112.2

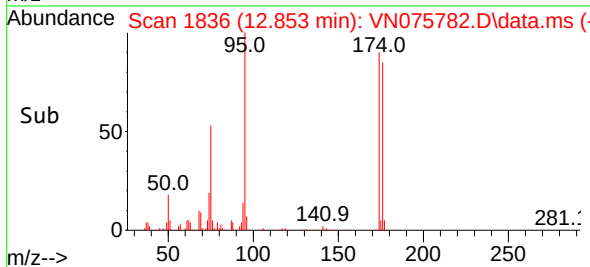
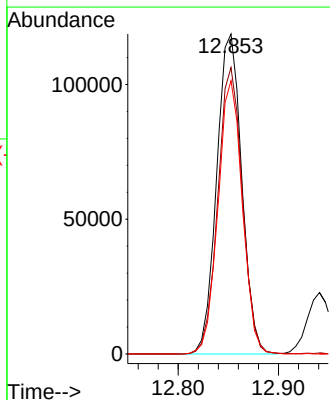
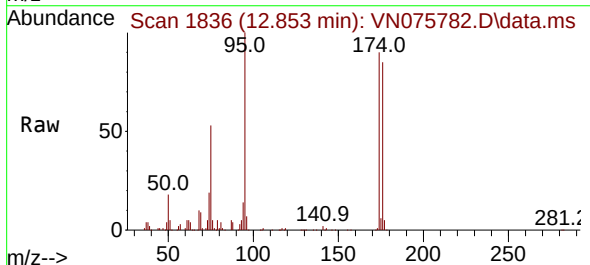
Manual Integrations
APPROVED

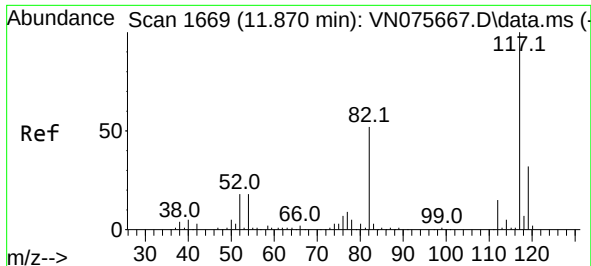
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#62
4-Bromofluorobenzene
Concen: 58.400 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075782.D
Acq: 14 Dec 2022 20:03

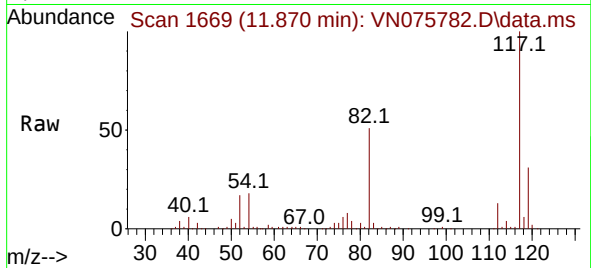
Tgt Ion: 95 Resp: 205874
Ion Ratio Lower Upper
95 100
174 87.7 0.0 171.6
176 83.0 0.0 169.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075782.D
Acq: 14 Dec 2022 20:03

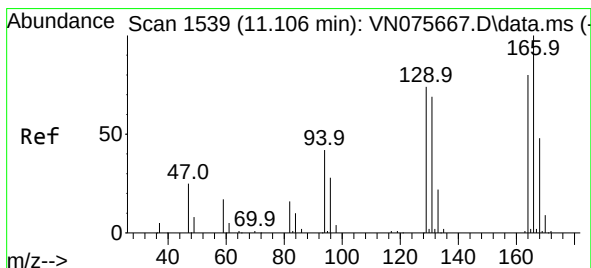
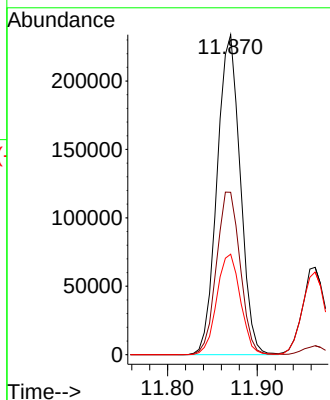
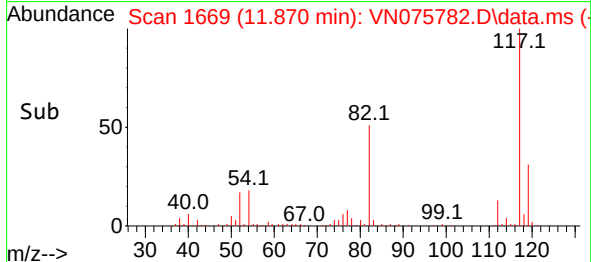
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 419200
Ion Ratio Lower Upper
117 100
82 50.7 41.3 61.9
119 31.4 24.6 37.0

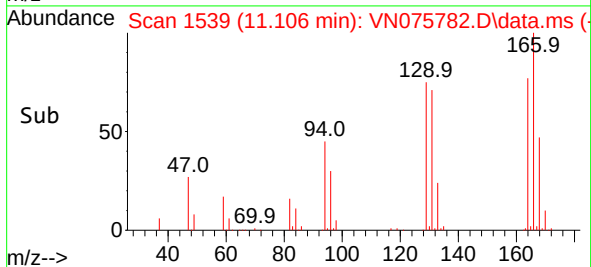
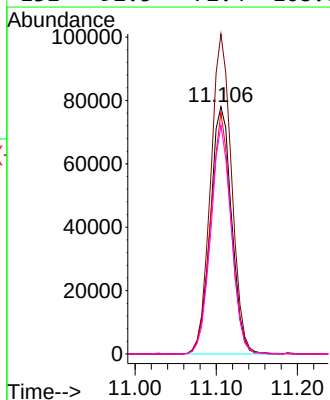
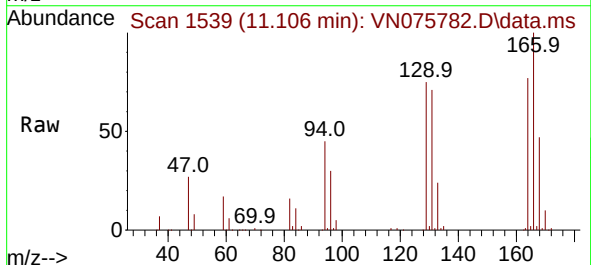
Manual Integrations
APPROVED

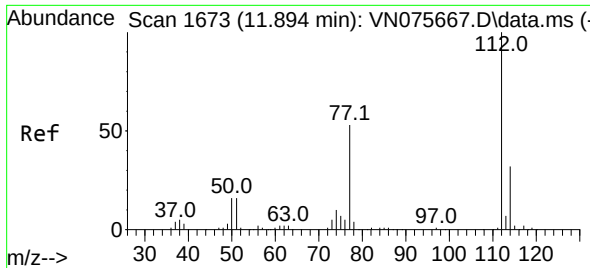
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#64
Tetrachloroethene
Concen: 48.406 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN075782.D
Acq: 14 Dec 2022 20:03

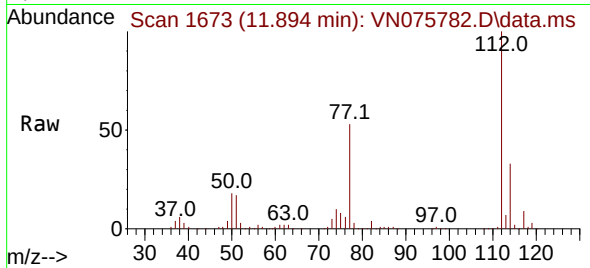
Tgt Ion:164 Resp: 142789
Ion Ratio Lower Upper
164 100
166 129.4 101.9 152.9
129 97.7 74.2 111.2
131 92.5 72.4 108.6





#65
Chlorobenzene
Concen: 50.959 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN075782.D
Acq: 14 Dec 2022 20:03

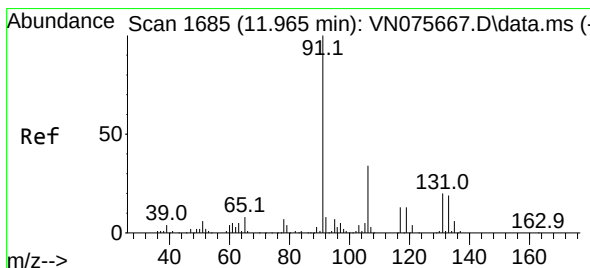
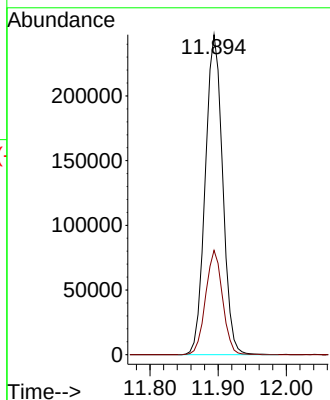
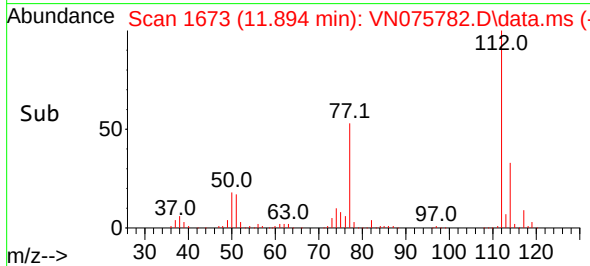
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



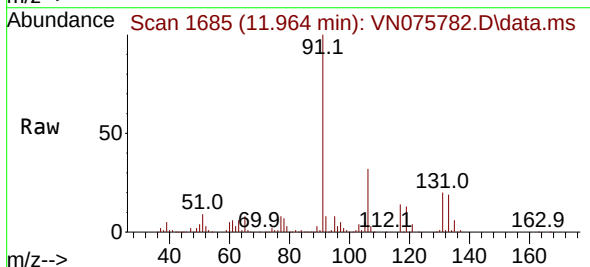
Tgt Ion:112 Resp: 438448
Ion Ratio Lower Upper
112 100
114 32.6 24.7 37.1

Manual Integrations
APPROVED

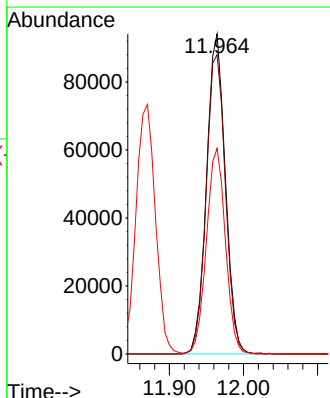
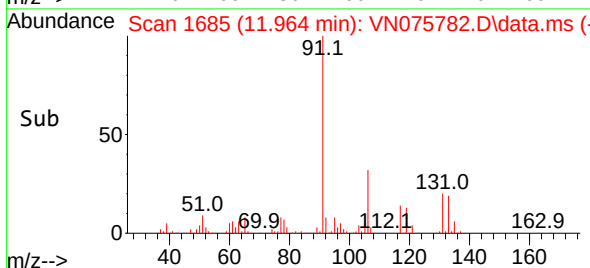
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

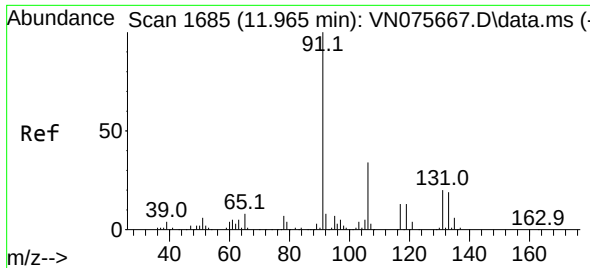


#66
1,1,1,2-Tetrachloroethane
Concen: 52.129 ug/l
RT: 11.964 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075782.D
Acq: 14 Dec 2022 20:03



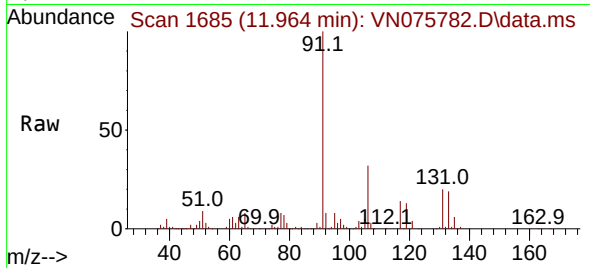
Tgt Ion:131 Resp: 166129
Ion Ratio Lower Upper
131 100
133 95.6 47.5 142.5
119 64.9 31.9 95.7





#67
Ethyl Benzene
Concen: 53.784 ug/l
RT: 11.964 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075782.D
Acq: 14 Dec 2022 20:03

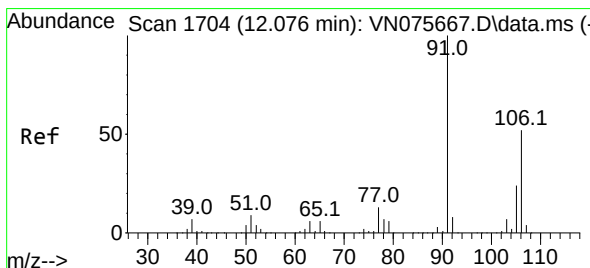
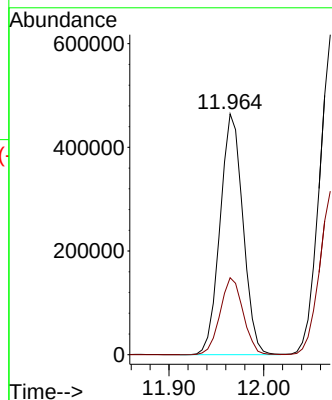
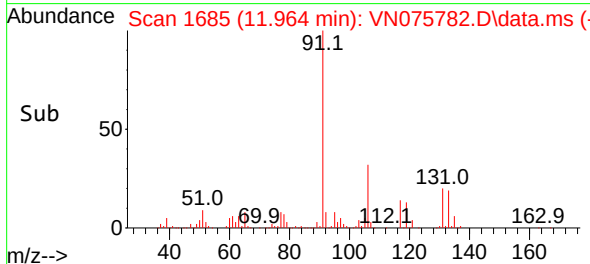
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



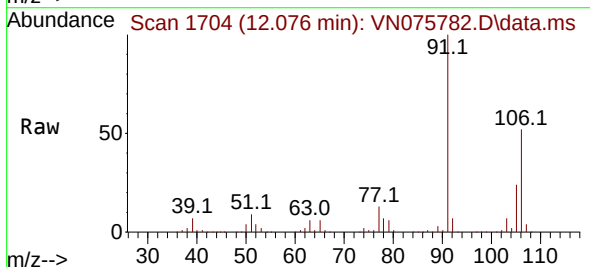
Tgt Ion: 91 Resp: 78102
Ion Ratio Lower Upper
91 100
106 32.0 25.7 38.5

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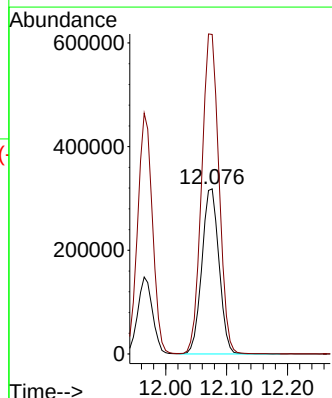
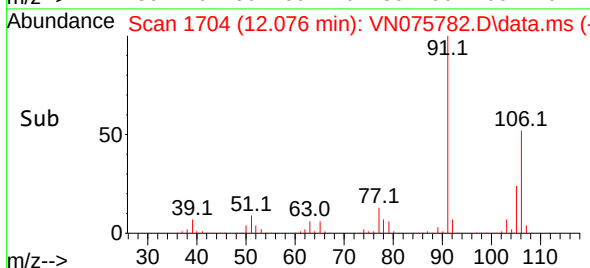
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

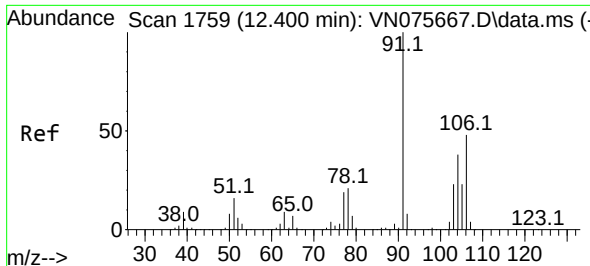


#68
m/p-Xylenes
Concen: 108.258 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VN075782.D
Acq: 14 Dec 2022 20:03



Tgt Ion:106 Resp: 622216
Ion Ratio Lower Upper
106 100
91 195.2 156.6 235.0





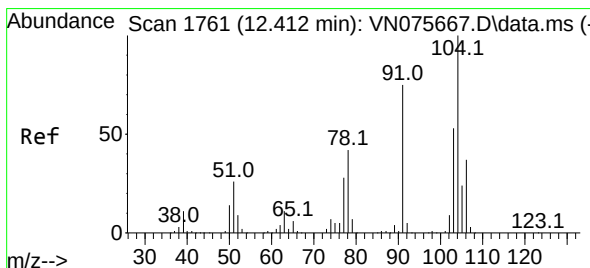
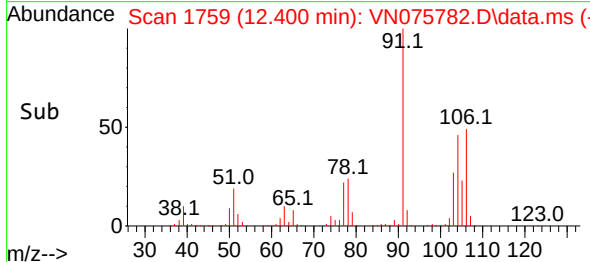
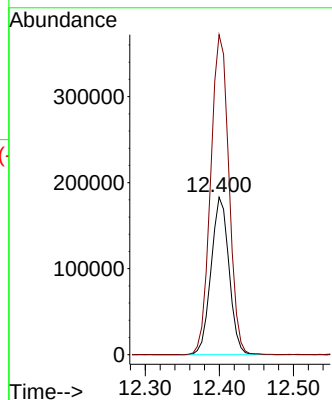
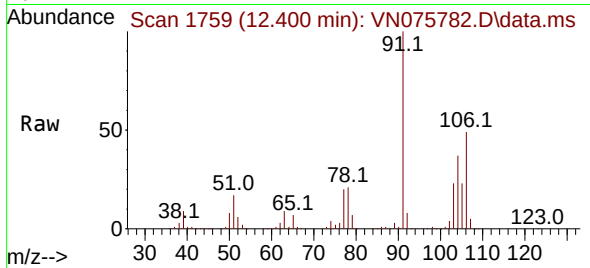
#69
o-Xylene
Concen: 54.092 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075782.D
Acq: 14 Dec 2022 20:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 307660
Ion Ratio Lower Upper
106 100
91 207.4 103.8 311.6

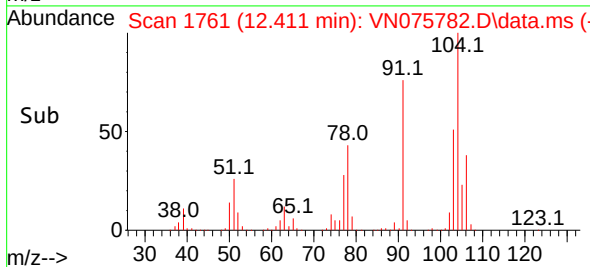
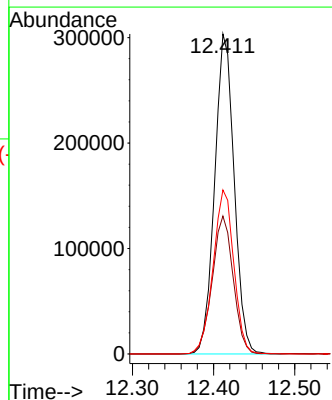
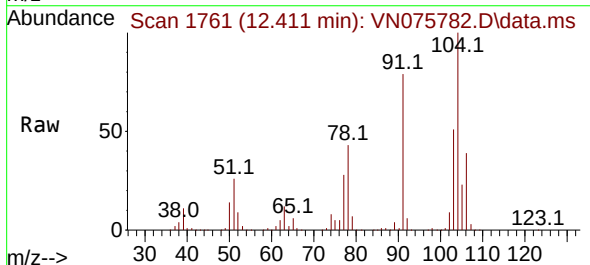
Manual Integrations
APPROVED

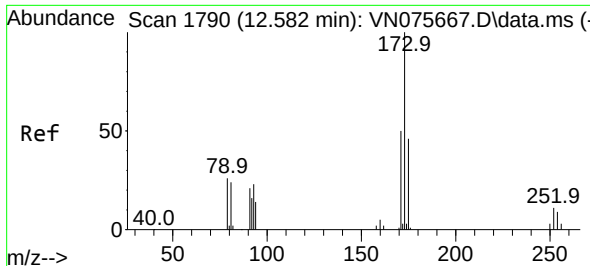
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#70
Styrene
Concen: 56.140 ug/l
RT: 12.411 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075782.D
Acq: 14 Dec 2022 20:03

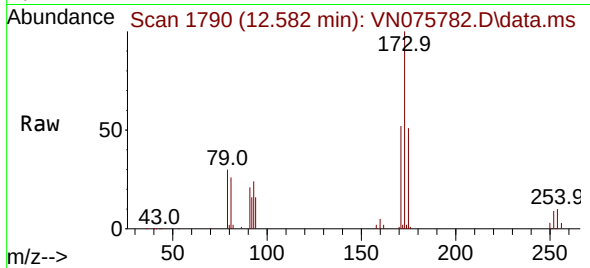
Tgt Ion:104 Resp: 507706
Ion Ratio Lower Upper
104 100
78 46.3 37.5 56.3
103 54.5 43.5 65.3





#71
Bromoform
Concen: 55.349 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VN075782.D
Acq: 14 Dec 2022 20:03

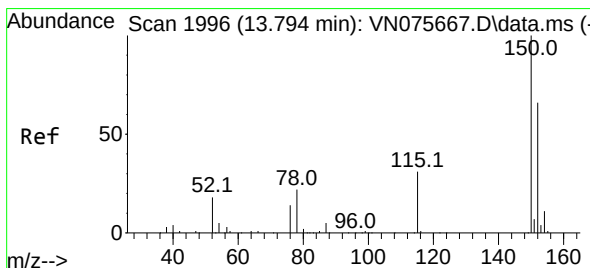
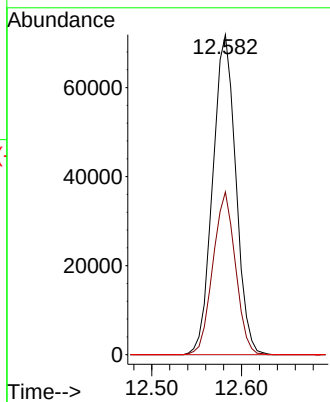
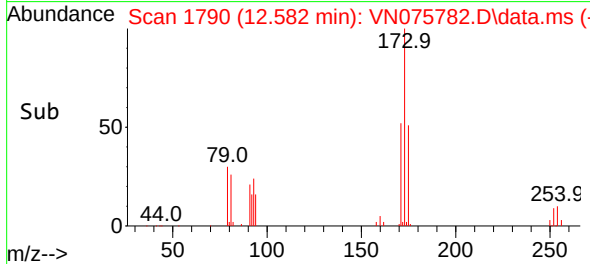
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 12835
Ion Ratio Lower Upper
173 100
175 49.6 24.3 72.8
254 0.0 0.0 0.0

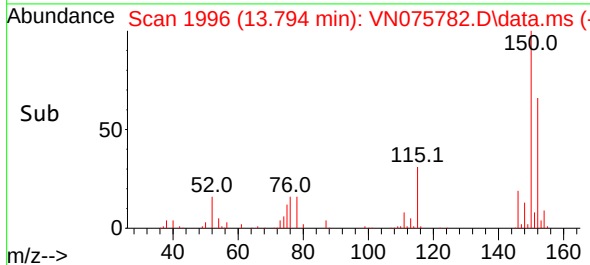
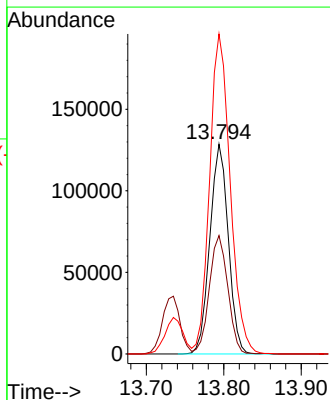
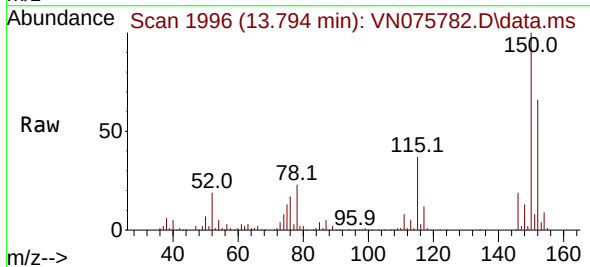
Manual Integrations
APPROVED

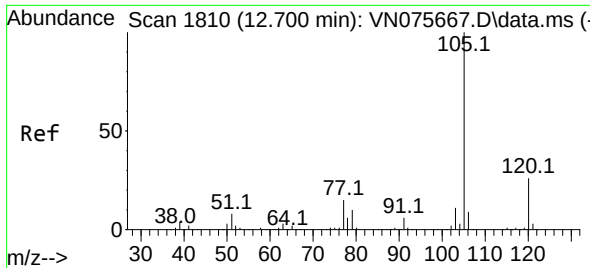
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075782.D
Acq: 14 Dec 2022 20:03

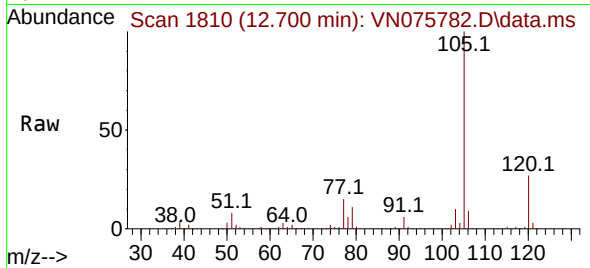
Tgt Ion:152 Resp: 212476
Ion Ratio Lower Upper
152 100
115 56.8 29.1 87.4
150 170.1 0.0 347.0





#73
Isopropylbenzene
Concen: 51.684 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VN075782.D
Acq: 14 Dec 2022 20:03

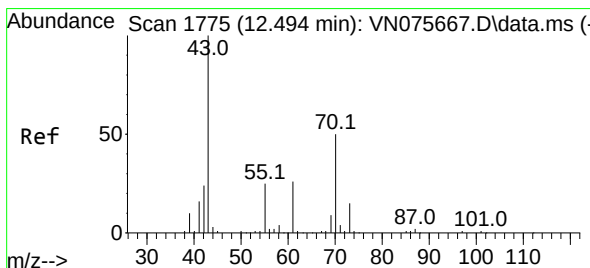
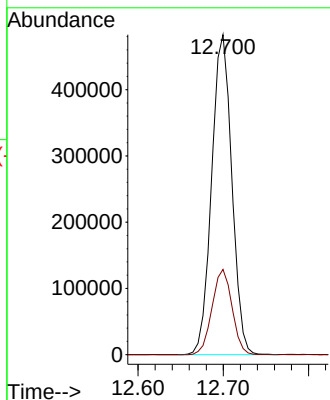
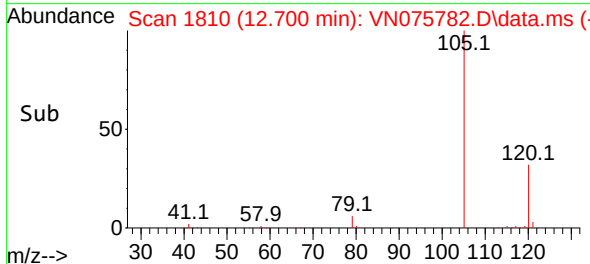
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



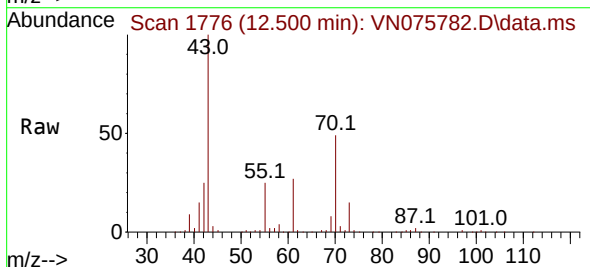
Tgt Ion:105 Resp: 793570
Ion Ratio Lower Upper
105 100
120 26.4 13.4 40.2

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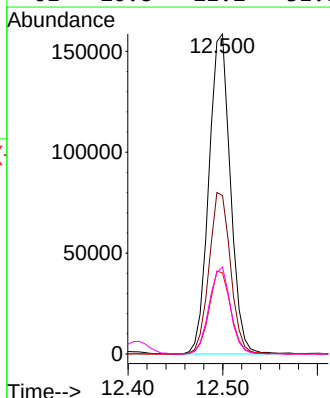
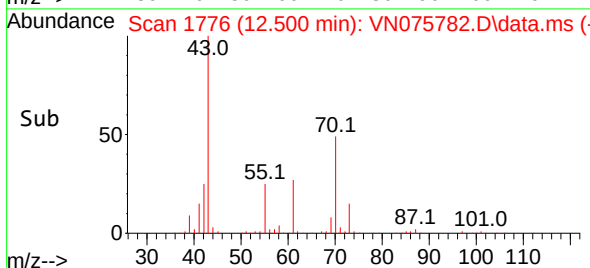
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

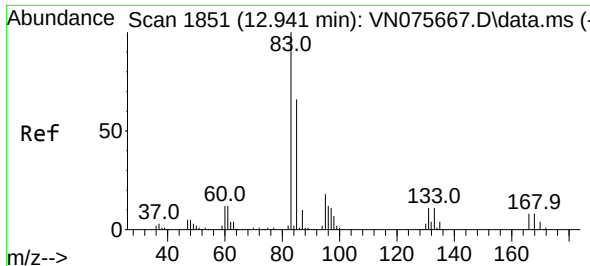


#74
N-ethyl acetate
Concen: 55.564 ug/l
RT: 12.500 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN075782.D
Acq: 14 Dec 2022 20:03



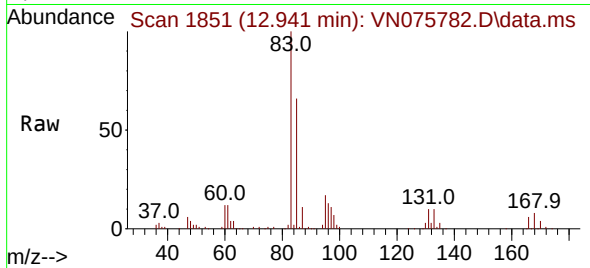
Tgt Ion: 43 Resp: 250286
Ion Ratio Lower Upper
43 100
70 50.4 41.4 62.0
55 26.2 21.3 31.9
61 26.8 21.2 31.8





#75
1,1,2,2-Tetrachloroethane
Concen: 48.817 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN075782.D
Acq: 14 Dec 2022 20:03

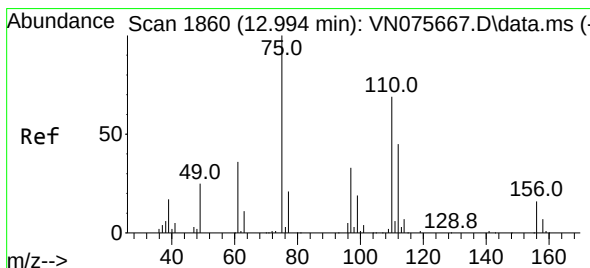
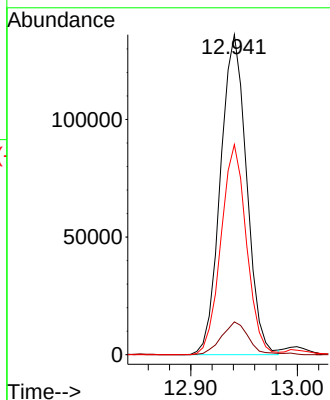
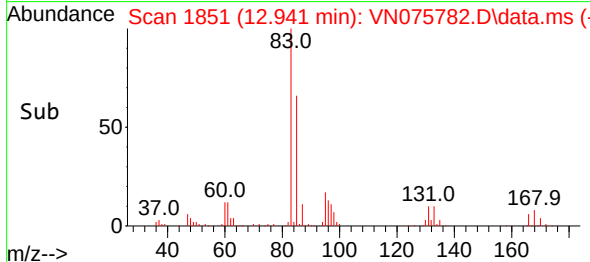
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 231710
Ion Ratio Lower Upper
83 100
131 10.8 5.6 16.8
85 64.1 32.6 98.0

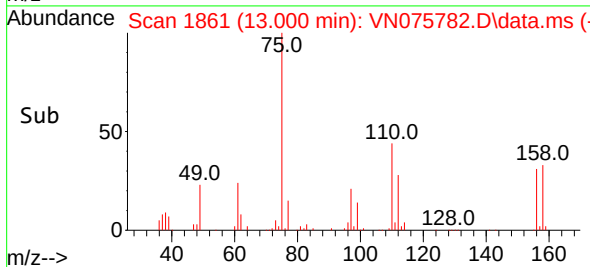
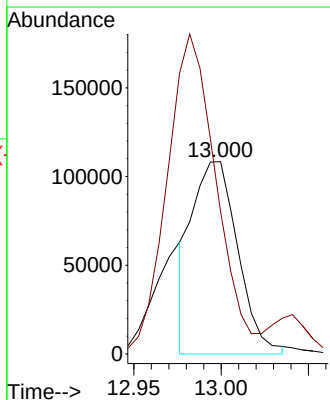
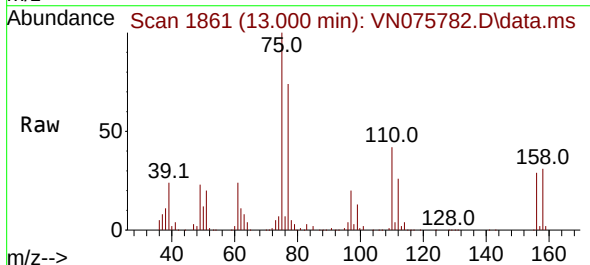
Manual Integrations
APPROVED

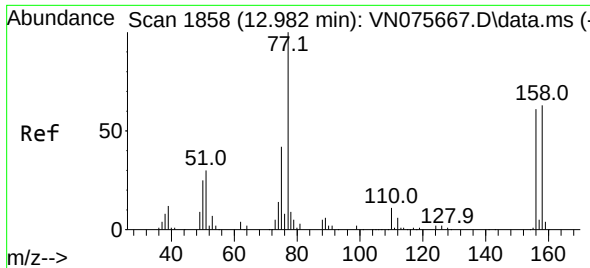
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#76
1,2,3-Trichloropropane
Concen: 45.974 ug/l m
RT: 13.000 min Scan# 1861
Delta R.T. 0.006 min
Lab File: VN075782.D
Acq: 14 Dec 2022 20:03

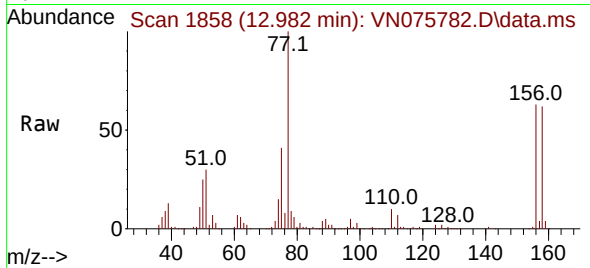
Tgt Ion: 75 Resp: 196906
Ion Ratio Lower Upper
75 100
77 180.3 82.6 247.8





#77
Bromobenzene
Concen: 49.295 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN075782.D
Acq: 14 Dec 2022 20:03

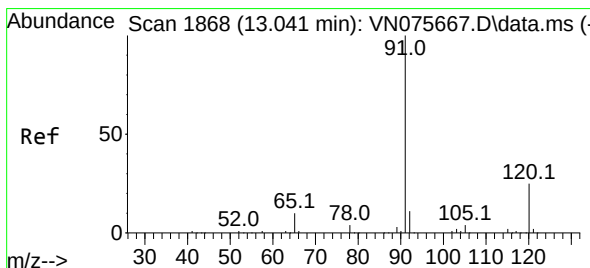
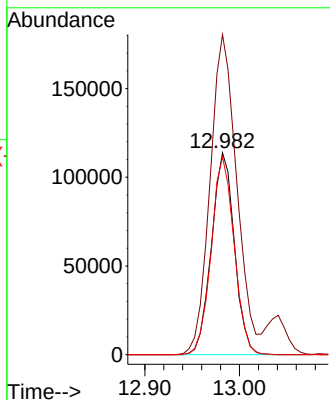
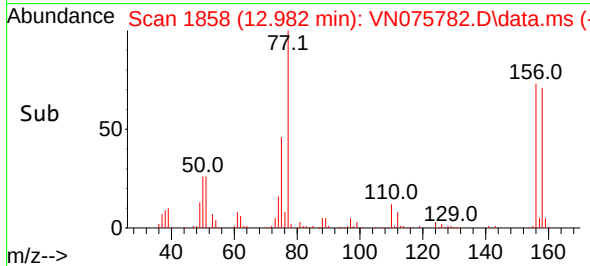
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



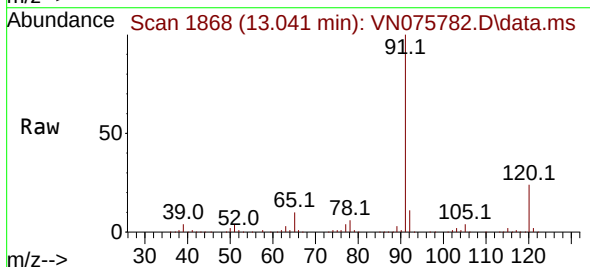
Tgt Ion:156 Resp: 19155
Ion Ratio Lower Upper
156 100
77 185.3 93.8 281.3
158 98.0 48.9 146.6

Manual Integrations
APPROVED

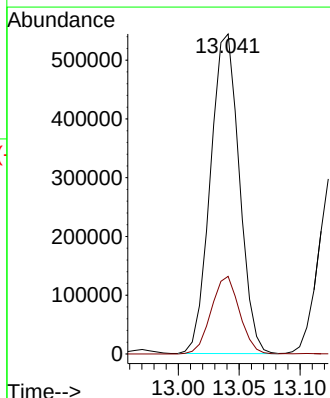
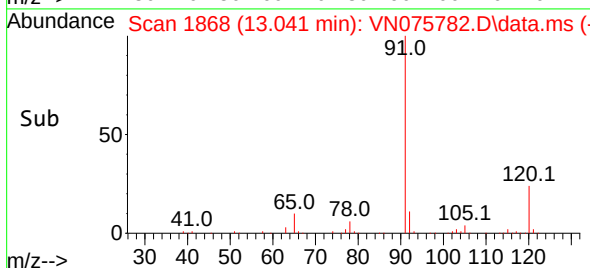
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

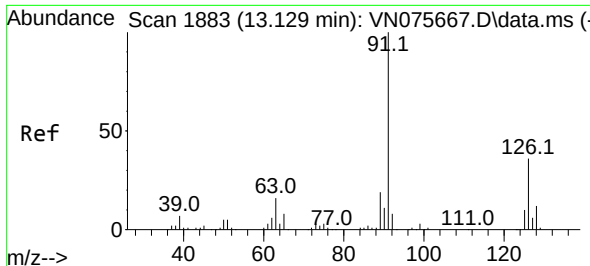


#78
n-propylbenzene
Concen: 53.110 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN075782.D
Acq: 14 Dec 2022 20:03



Tgt Ion: 91 Resp: 899425
Ion Ratio Lower Upper
91 100
120 23.8 12.0 36.1





#79
2-Chlorotoluene
Concen: 50.637 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN075782.D
Acq: 14 Dec 2022 20:03

Instrument :

MSVOA_N

ClientSampleId :

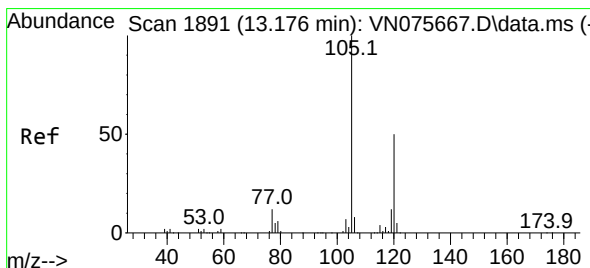
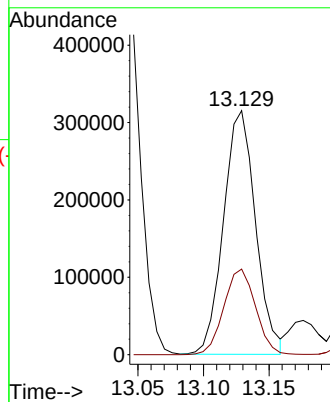
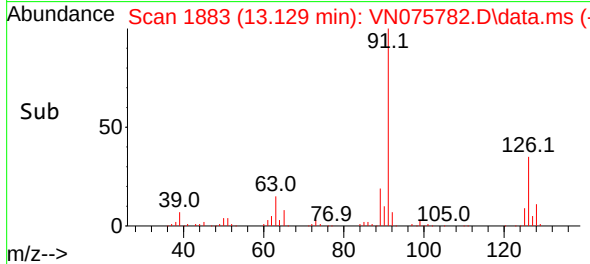
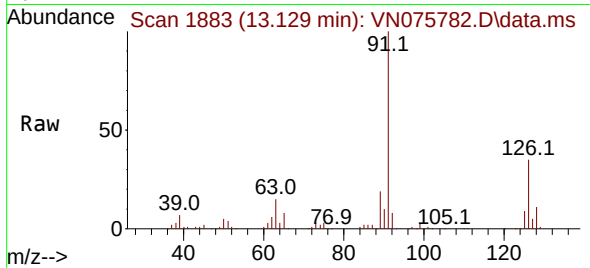
VSTDCCC050EC

Tgt Ion: 91 Resp: 535308
Ion Ratio Lower Upper
91 100
126 34.8 17.5 52.5

Manual Integrations

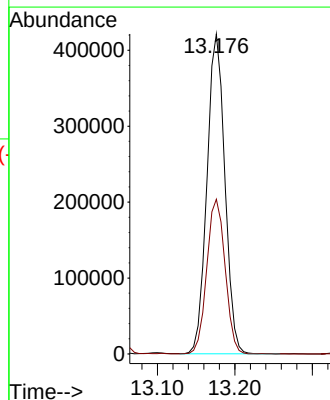
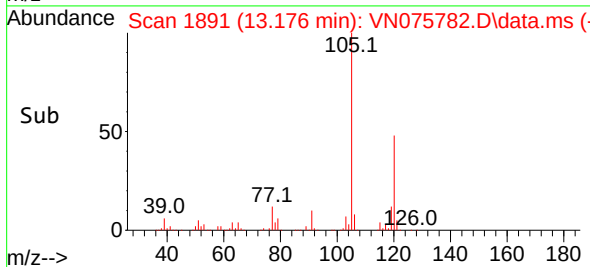
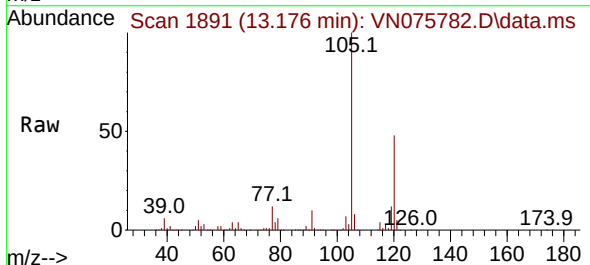
APPROVED

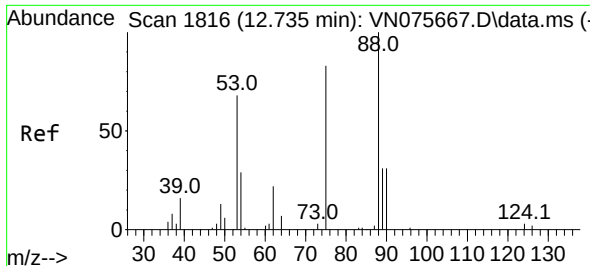
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#80
1,3,5-Trimethylbenzene
Concen: 52.532 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. -0.000 min
Lab File: VN075782.D
Acq: 14 Dec 2022 20:03

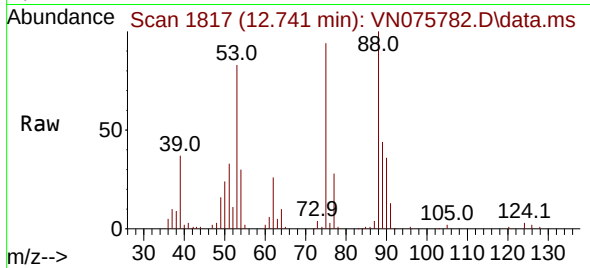
Tgt Ion:105 Resp: 675080
Ion Ratio Lower Upper
105 100
120 49.4 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 54.357 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. -0.000 min
Lab File: VN075782.D
Acq: 14 Dec 2022 20:03

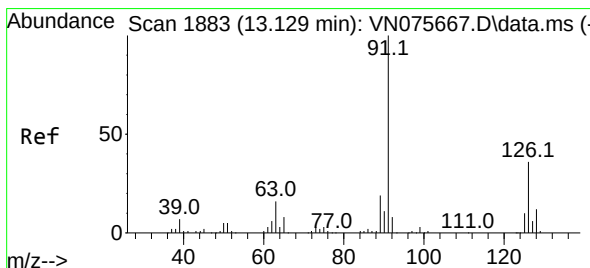
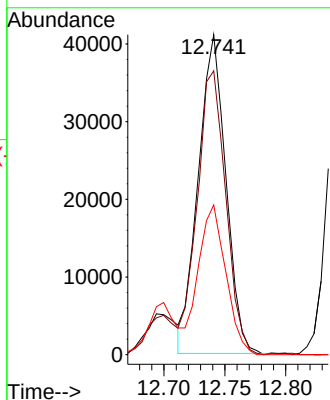
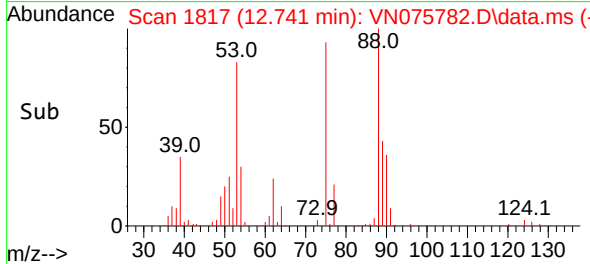
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 64679
Ion Ratio Lower Upper
75 100
53 92.6 73.8 110.6
89 48.0 39.5 59.3

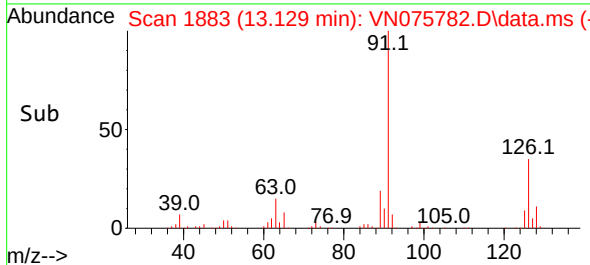
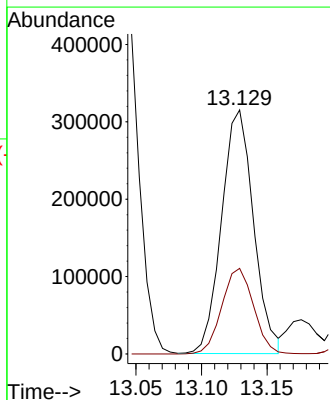
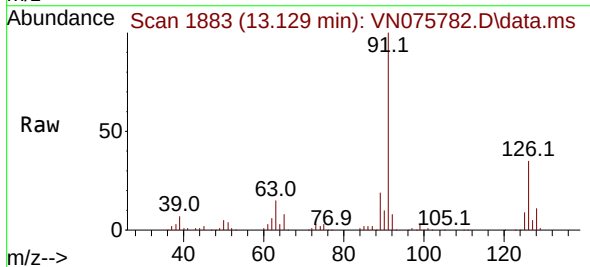
Manual Integrations
APPROVED

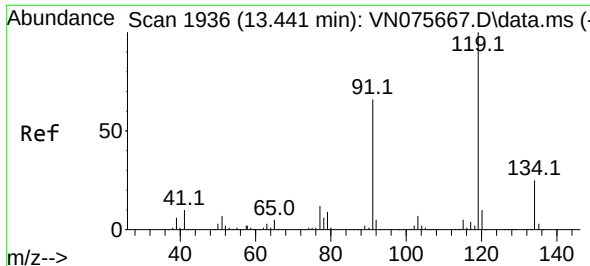
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#82
4-Chlorotoluene
Concen: 50.637 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN075782.D
Acq: 14 Dec 2022 20:03

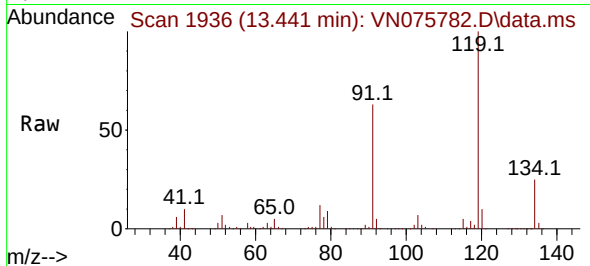
Tgt Ion: 91 Resp: 535308
Ion Ratio Lower Upper
91 100
126 34.8 17.5 52.5





#83
tert-Butylbenzene
Concen: 52.246 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN075782.D
Acq: 14 Dec 2022 20:03

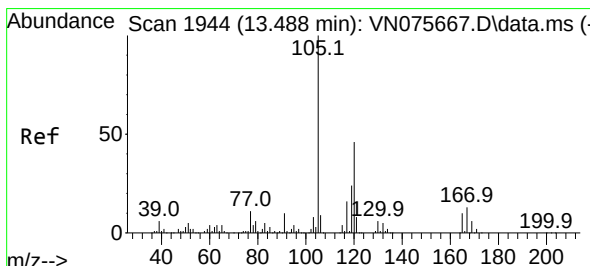
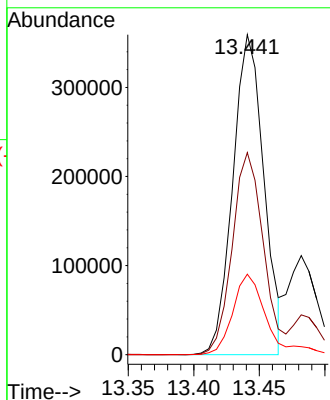
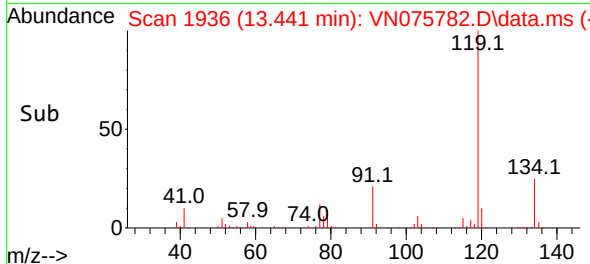
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



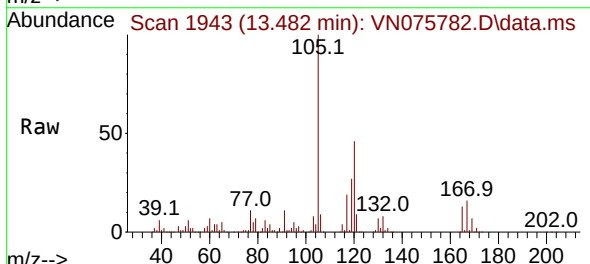
Tgt Ion:119 Resp: 591960
Ion Ratio Lower Upper
119 100
91 63.6 31.9 95.5
134 27.3 13.8 41.4

Manual Integrations
APPROVED

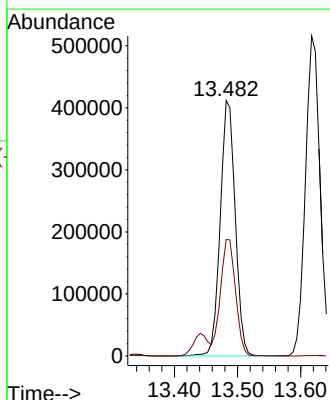
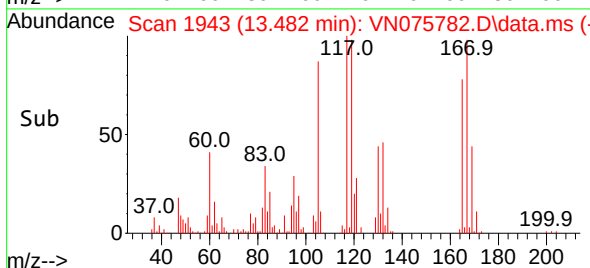
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

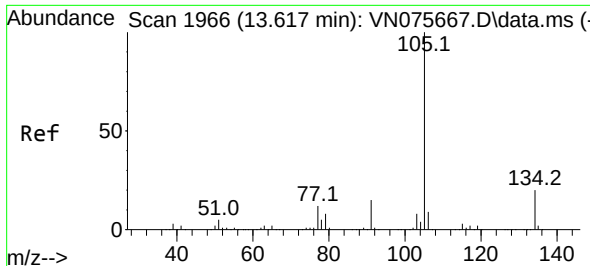


#84
1,2,4-Trimethylbenzene
Concen: 53.342 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. -0.000 min
Lab File: VN075782.D
Acq: 14 Dec 2022 20:03



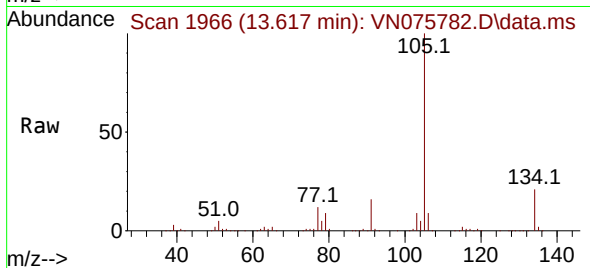
Tgt Ion:105 Resp: 680029
Ion Ratio Lower Upper
105 100
120 45.8 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 53.028 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN075782.D
 Acq: 14 Dec 2022 20:03

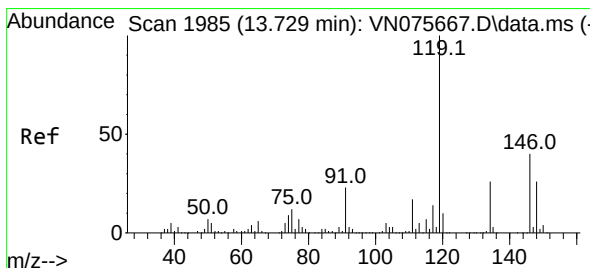
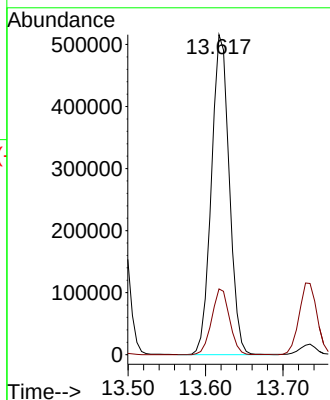
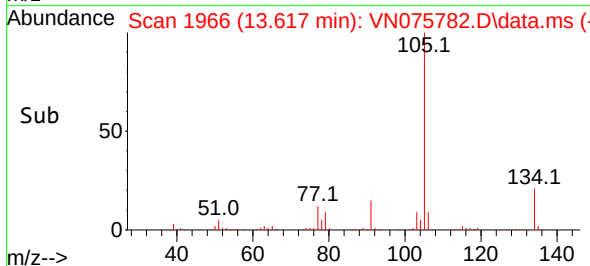
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



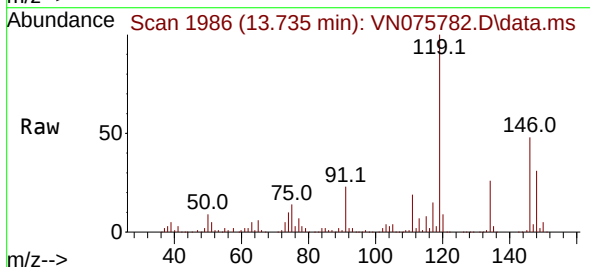
Tgt Ion:105 Resp: 829285
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.1 30.1

Manual Integrations
 APPROVED

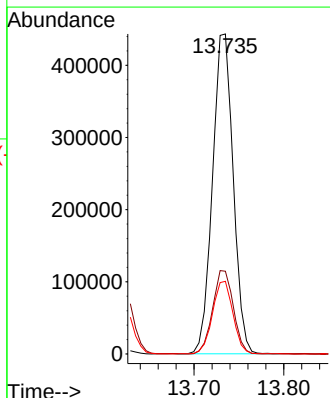
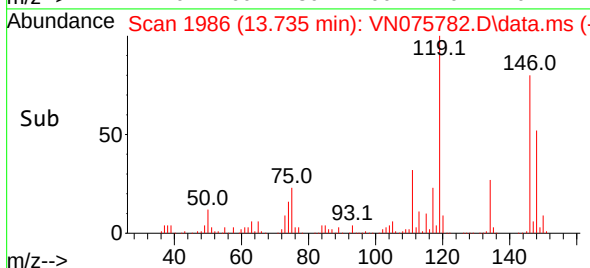
Reviewed By :John Carlone 12/15/2022
 Supervised By :Mahesh Dadoda 12/15/2022

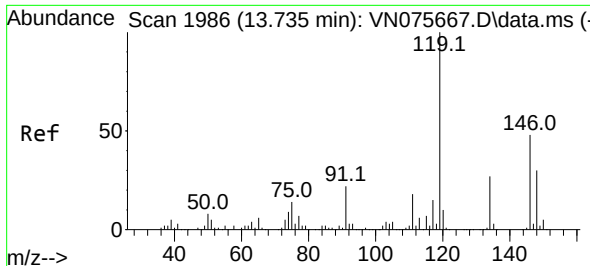


#86
 p-Isopropyltoluene
 Concen: 54.516 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN075782.D
 Acq: 14 Dec 2022 20:03



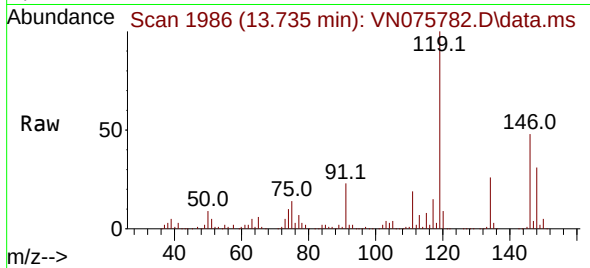
Tgt Ion:119 Resp: 709394
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.0 39.0
 91 22.4 11.2 33.6





#87
1,3-Dichlorobenzene
Concen: 49.680 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN075782.D
Acq: 14 Dec 2022 20:03

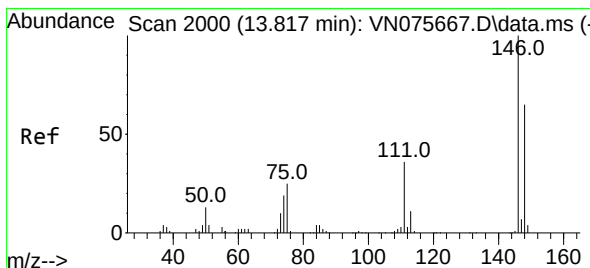
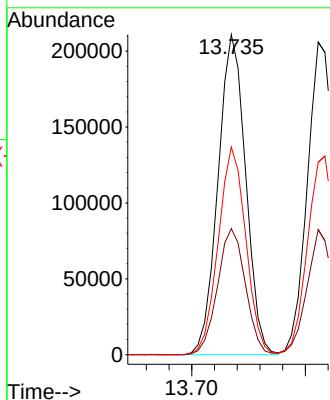
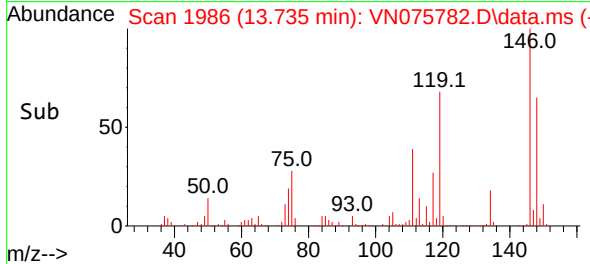
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



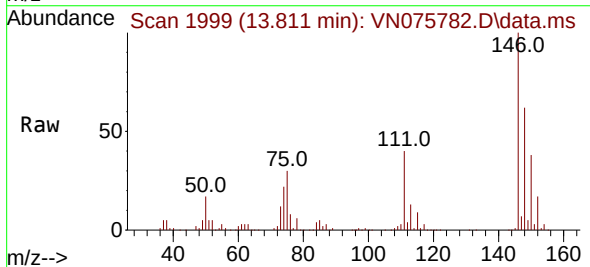
Tgt Ion:146 Resp: 356598
Ion Ratio Lower Upper
146 100
111 39.8 19.7 59.0
148 64.7 31.4 94.2

Manual Integrations
APPROVED

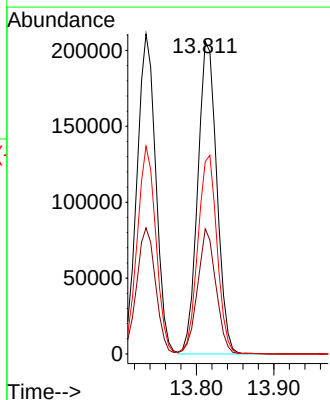
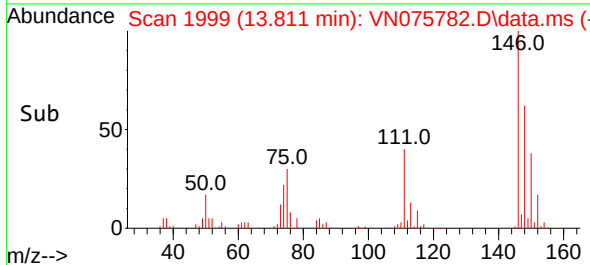
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

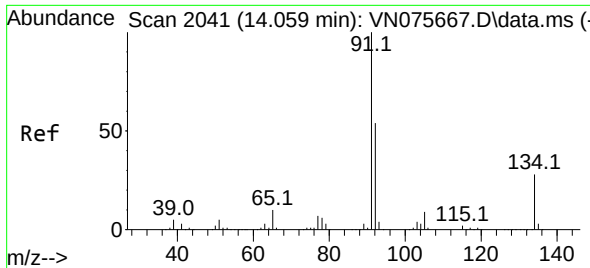


#88
1,4-Dichlorobenzene
Concen: 48.008 ug/l
RT: 13.811 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN075782.D
Acq: 14 Dec 2022 20:03



Tgt Ion:146 Resp: 352032
Ion Ratio Lower Upper
146 100
111 38.3 19.1 57.1
148 64.1 32.0 96.2





#89

n-Butylbenzene

Concen: 53.935 ug/l

RT: 14.058 min Scan# 2041

Delta R.T. -0.000 min

Lab File: VN075782.D

Acq: 14 Dec 2022 20:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

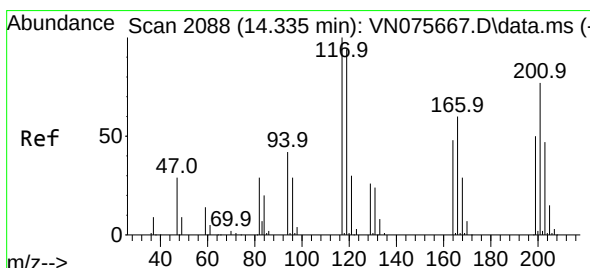
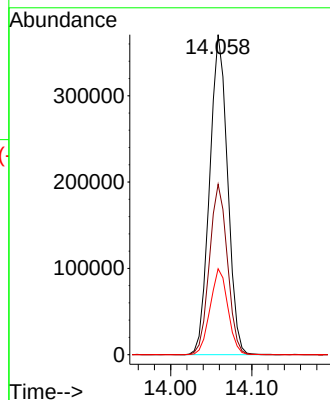
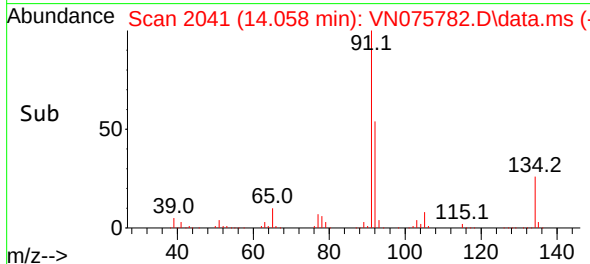
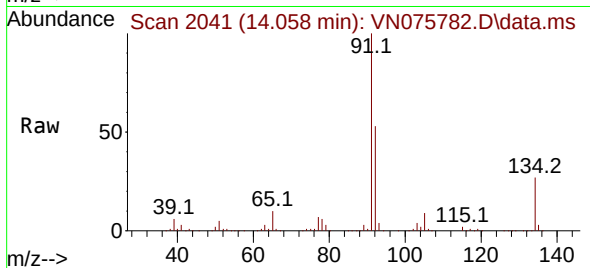
Tgt Ion: 91 Resp: 568579
 Ion Ratio Lower Upper
 91 100
 92 53.2 26.4 79.2
 134 26.6 13.4 40.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#90

Hexachloroethane

Concen: 53.405 ug/l

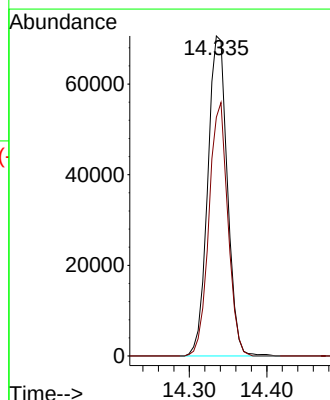
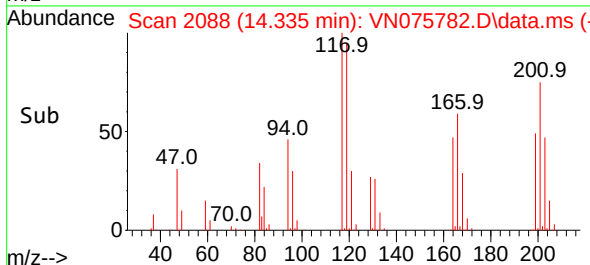
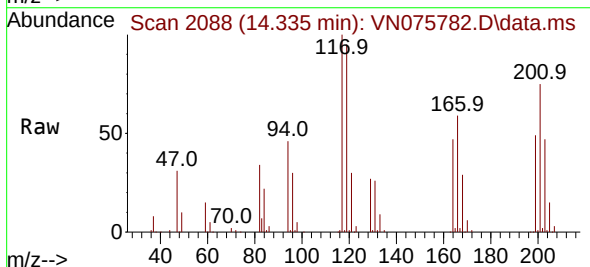
RT: 14.335 min Scan# 2088

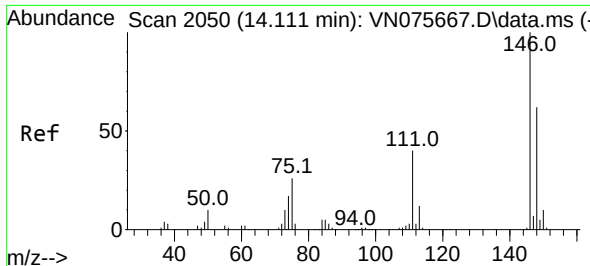
Delta R.T. -0.000 min

Lab File: VN075782.D

Acq: 14 Dec 2022 20:03

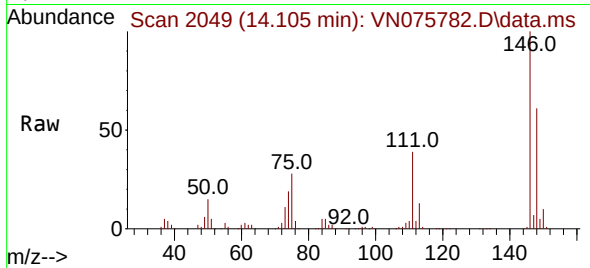
Tgt Ion:117 Resp: 124311
 Ion Ratio Lower Upper
 117 100
 201 76.1 38.0 114.1





#91
1,2-Dichlorobenzene
Concen: 50.615 ug/l
RT: 14.105 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN075782.D
Acq: 14 Dec 2022 20:03

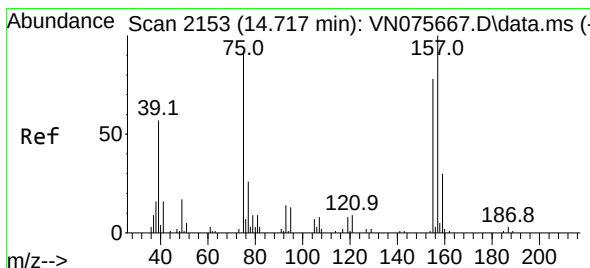
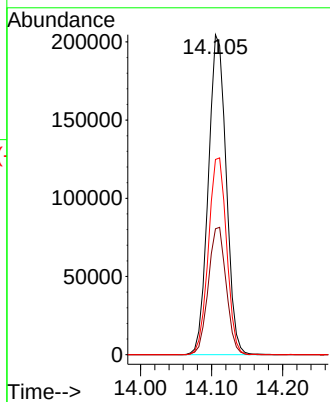
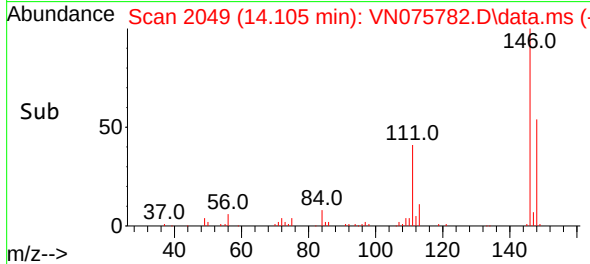
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 35786
Ion Ratio Lower Upper
146 100
111 39.8 20.3 61.0
148 62.4 31.7 95.1

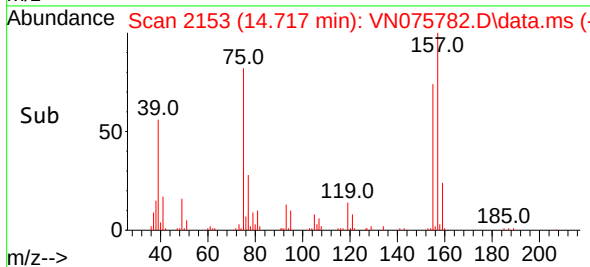
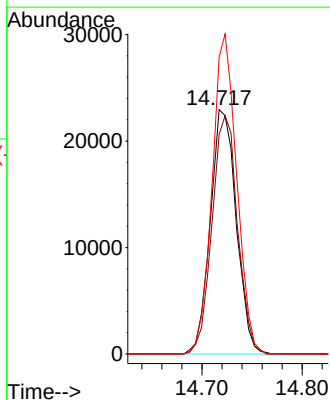
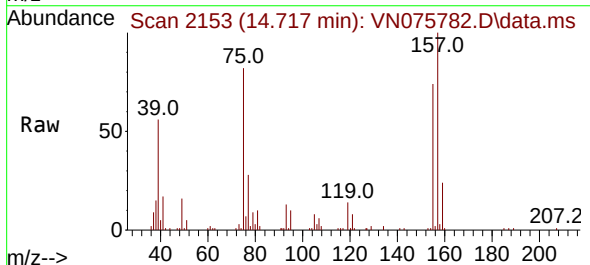
Manual Integrations
APPROVED

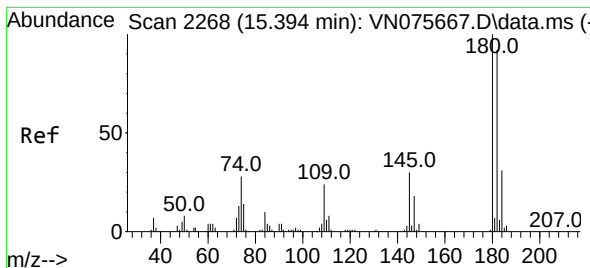
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.875 ug/l
RT: 14.717 min Scan# 2153
Delta R.T. -0.006 min
Lab File: VN075782.D
Acq: 14 Dec 2022 20:03

Tgt Ion: 75 Resp: 41165
Ion Ratio Lower Upper
75 100
155 96.0 49.3 147.8
157 123.9 63.7 191.3





#93

1,2,4-Trichlorobenzene

Concen: 52.254 ug/l

RT: 15.394 min Scan# 2268

Delta R.T. -0.000 min

Lab File: VN075782.D

Acq: 14 Dec 2022 20:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 182900

Ion Ratio Lower Upper

180 100

182 94.6 47.5 142.5

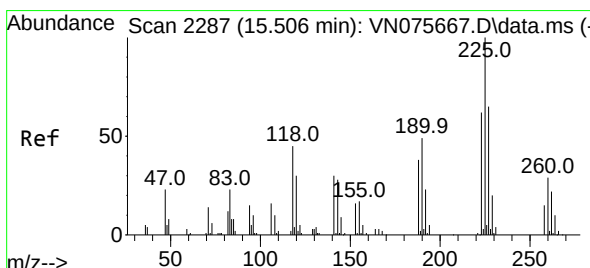
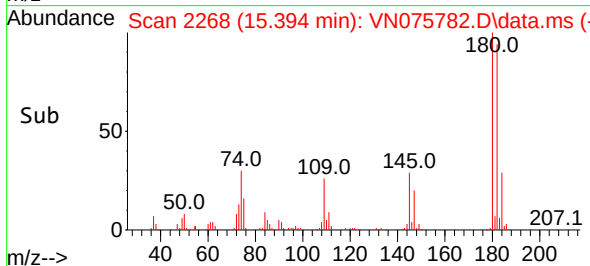
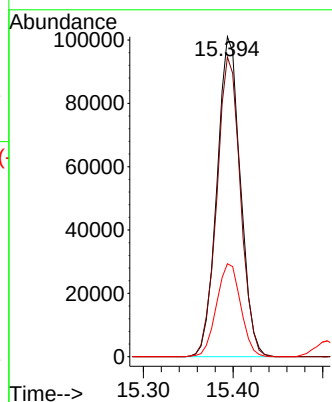
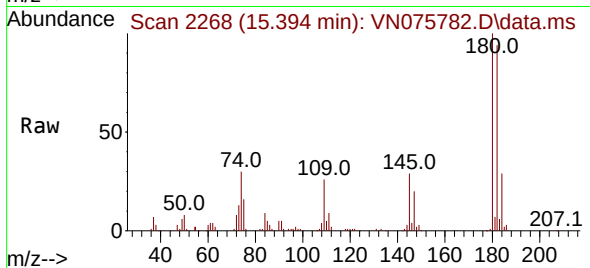
145 30.0 15.3 45.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#94

Hexachlorobutadiene

Concen: 49.104 ug/l

RT: 15.505 min Scan# 2287

Delta R.T. -0.000 min

Lab File: VN075782.D

Acq: 14 Dec 2022 20:03

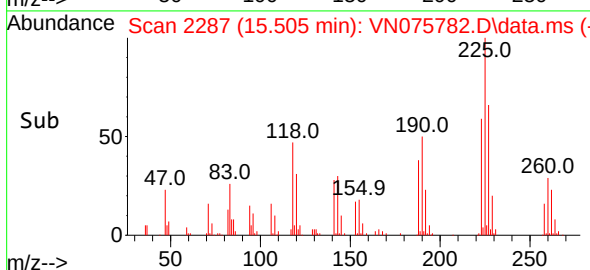
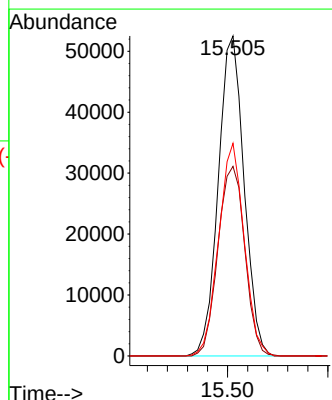
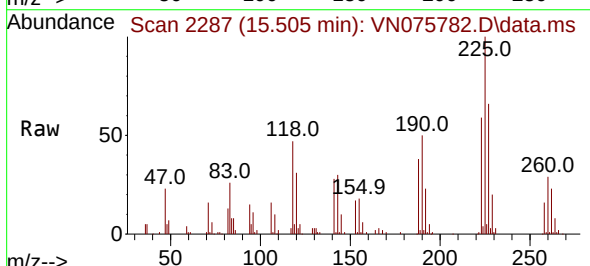
Tgt Ion:225 Resp: 93775

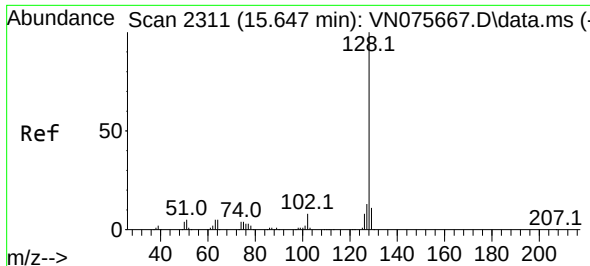
Ion Ratio Lower Upper

225 100

223 61.6 31.5 94.5

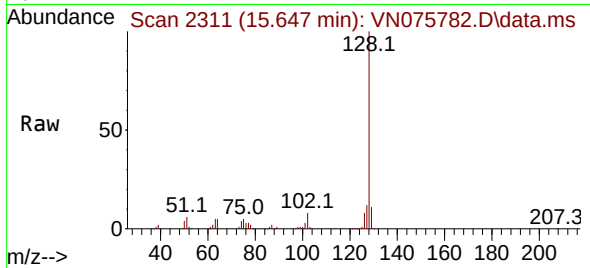
227 65.7 31.6 95.0





#95
Naphthalene
Concen: 46.460 ug/l
RT: 15.647 min Scan# 2311
Delta R.T. 0.006 min
Lab File: VN075782.D
Acq: 14 Dec 2022 20:03

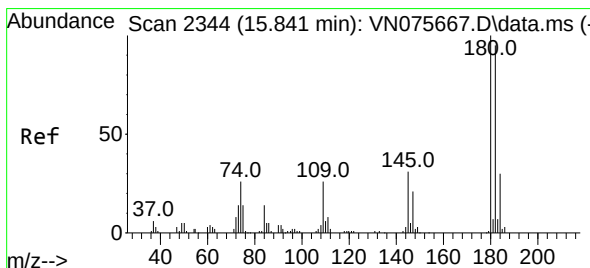
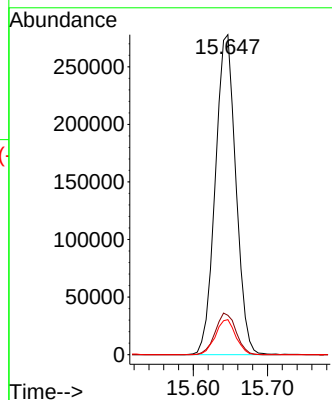
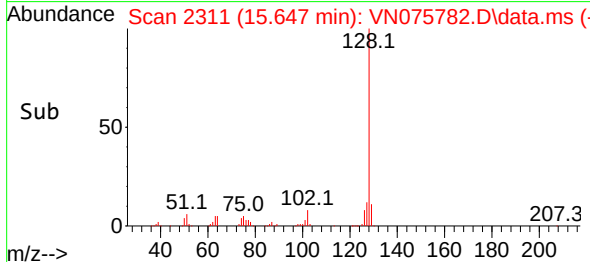
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 535380
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 10.8 8.7 13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 53.931 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN075782.D
Acq: 14 Dec 2022 20:03

Tgt Ion:180 Resp: 176439
Ion Ratio Lower Upper
180 100
182 95.5 47.0 141.0
145 32.2 16.0 47.9

