

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121422\
 Data File : VN075766.D
 Acq On : 14 Dec 2022 12:08
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

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

Quant Time: Dec 14 12:29:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 11:45:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	284752	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	457796	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	418074	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	213417	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	158768	52.550	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.100%			
35) Dibromofluoromethane	8.171	113	143878	51.512	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.020%			
50) Toluene-d8	10.571	98	548557	52.297	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.600%			
62) 4-Bromofluorobenzene	12.853	95	189613	52.871	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.740%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.136	85	100612	48.040	ug/l	99
3) Chloromethane	2.371	50	118589	47.526	ug/l	100
4) Vinyl Chloride	2.524	62	147196	48.024	ug/l	98
5) Bromomethane	2.942	94	126816	48.580	ug/l	95
6) Chloroethane	3.118	64	108631	47.501	ug/l	98
7) Trichlorofluoromethane	3.501	101	228718	51.432	ug/l	97
8) Diethyl Ether	3.971	74	85841	52.800	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.383	101	131660	50.447	ug/l	100
10) Methyl Iodide	4.600	142	216809	50.836	ug/l	100
11) Tert butyl alcohol	5.536	59	110899	248.115	ug/l	100
12) 1,1-Dichloroethene	4.348	96	127370	52.213	ug/l	97
13) Acrolein	4.189	56	137477	267.063	ug/l	99
14) Allyl chloride	5.036	41	163608	53.857	ug/l	91
15) Acrylonitrile	5.724	53	299916	259.776	ug/l	100
16) Acetone	4.442	43	250831	245.149	ug/l	96
17) Carbon Disulfide	4.718	76	305896	47.390	ug/l	98
18) Methyl Acetate	5.036	43	156930	47.731	ug/l	98
19) Methyl tert-butyl Ether	5.806	73	442706	53.950	ug/l	95
20) Methylene Chloride	5.289	84	144894	47.503	ug/l	98
21) trans-1,2-Dichloroethene	5.794	96	138655	50.862	ug/l	98
22) Diisopropyl ether	6.683	45	378884	54.817	ug/l	99
23) Vinyl Acetate	6.612	43	1302041	247.043	ug/l	100
24) 1,1-Dichloroethane	6.577	63	239856	52.719	ug/l	98
25) 2-Butanone	7.488	43	380820	254.603	ug/l	94
26) 2,2-Dichloropropane	7.494	77	210082	54.140	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	171602	51.851	ug/l	99
28) Bromochloromethane	7.824	49	103792	57.057	ug/l	98
29) Tetrahydrofuran	7.841	42	245946	266.774	ug/l	100
30) Chloroform	7.971	83	271201	53.816	ug/l	96
31) Cyclohexane	8.265	56	208832	46.684	ug/l	93
32) 1,1,1-Trichloroethane	8.171	97	249465	53.656	ug/l	99
36) 1,1-Dichloropropene	8.377	75	197762	53.323	ug/l	98
37) Ethyl Acetate	7.565	43	154135	51.763	ug/l	99
38) Carbon Tetrachloride	8.365	117	221335	51.717	ug/l	99
39) Methylcyclohexane	9.606	83	251543	53.487	ug/l	100
40) Benzene	8.612	78	596986	52.450	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	86015	56.335	ug/l	95
42) 1,2-Dichloroethane	8.677	62	199798	52.475	ug/l	99
43) Isopropyl Acetate	8.694	43	267942	53.899	ug/l	99
44) Trichloroethene	9.359	130	159905	49.799	ug/l	90
45) 1,2-Dichloropropane	9.624	63	144377	53.334	ug/l	99
46) Dibromomethane	9.712	93	109354	53.806	ug/l	97
47) Bromodichloromethane	9.888	83	216599	54.355	ug/l	95
48) Methyl methacrylate	9.682	41	124860	54.535	ug/l	99
49) 1,4-Dioxane	9.700	88	59144	1062.681	ug/l	99
51) 4-Methyl-2-Pentanone	10.447	43	819196	267.246	ug/l	99
52) Toluene	10.635	92	402573	53.511	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	226016	57.429	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	241731	55.207	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	155581	52.597	ug/l	97
56) Ethyl methacrylate	10.876	69	224223	55.943	ug/l	99
57) 1,3-Dichloropropane	11.165	76	254517	53.235	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	343661	290.398	ug/l	99
59) 2-Hexanone	11.200	43	604830	271.588	ug/l	99
60) Dibromochloromethane	11.359	129	179339	55.097	ug/l	99
61) 1,2-Dibromoethane	11.471	107	162818	52.538	ug/l	99
64) Tetrachloroethene	11.106	164	142118	46.669	ug/l	98
65) Chlorobenzene	11.894	112	433637	50.411	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	166488	53.197	ug/l	99
67) Ethyl Benzene	11.965	91	779318	53.554	ug/l	97
68) m/p-Xylenes	12.076	106	619498	105.359	ug/l	100
69) o-Xylene	12.400	106	307766	53.939	ug/l	99
70) Styrene	12.412	104	506960	55.398	ug/l	99
71) Bromoform	12.582	173	130297	54.926	ug/l #	98
73) Isopropylbenzene	12.700	105	801831	52.326	ug/l	100
74) N-amyl acetate	12.494	43	247755	55.645	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	227193	49.356	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	217308m	50.703	ug/l	
77) Bromobenzene	12.982	156	191438	49.677	ug/l	97
78) n-propylbenzene	13.041	91	912282	53.651	ug/l	100
79) 2-Chlorotoluene	13.129	91	536845	51.139	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	677859	52.911	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	65936	57.582	ug/l	97
82) 4-Chlorotoluene	13.129	91	536845	51.139	ug/l	99
83) tert-Butylbenzene	13.441	119	601624	51.784	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	682904	53.036	ug/l	99
85) sec-Butylbenzene	13.617	105	852518	53.376	ug/l	99
86) p-Isopropyltoluene	13.729	119	731672	54.750	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	366180	50.810	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	363199	49.546	ug/l	100
89) n-Butylbenzene	14.059	91	605071	56.489	ug/l	99
90) Hexachloroethane	14.335	117	128040	55.935	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	359849	50.179	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	41215	54.488	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	192513	55.915	ug/l	99
94) Hexachlorobutadiene	15.506	225	101816	52.121	ug/l	99
95) Naphthalene	15.641	128	558307	54.866	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	185018	54.689	ug/l	99

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

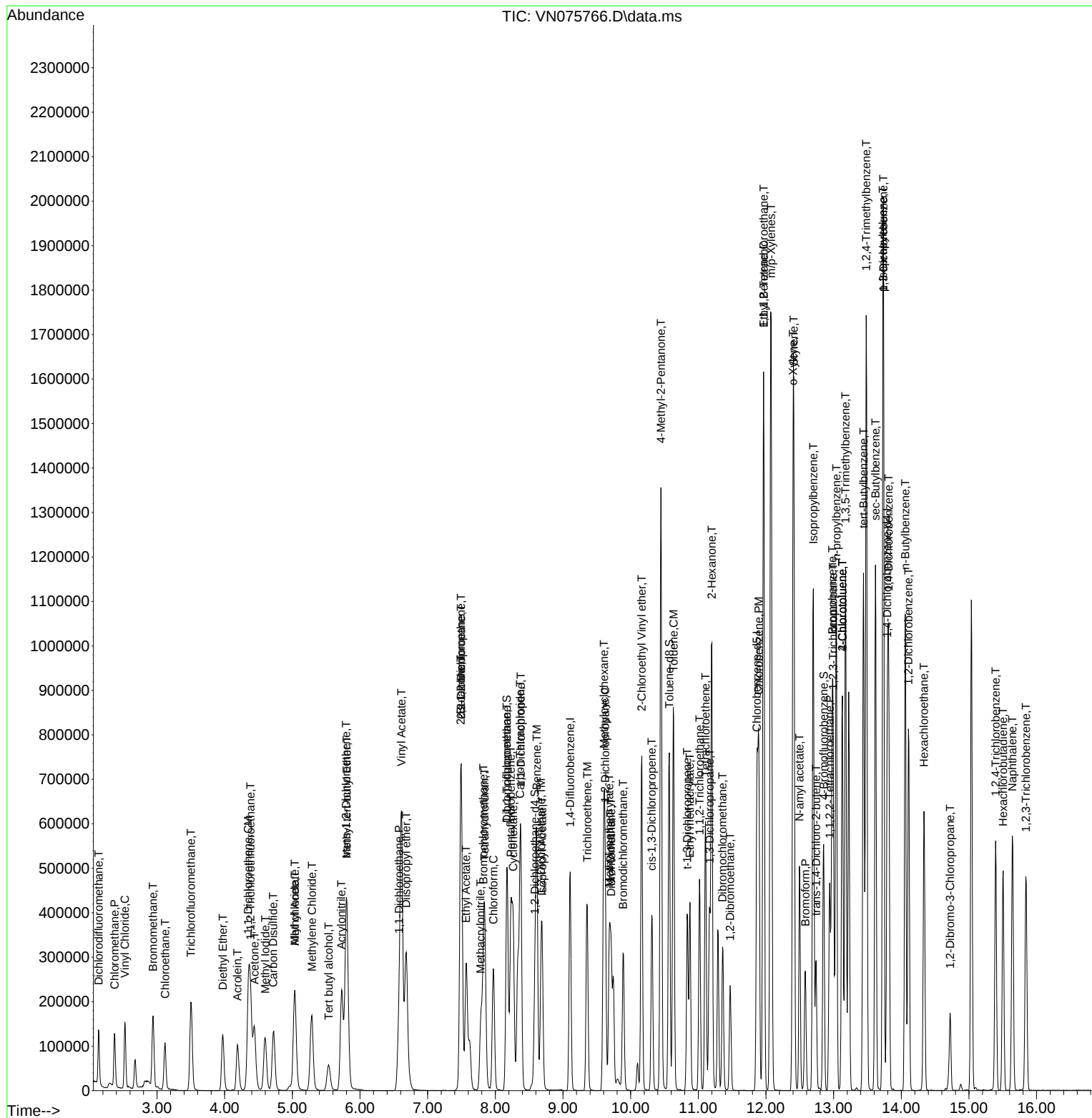
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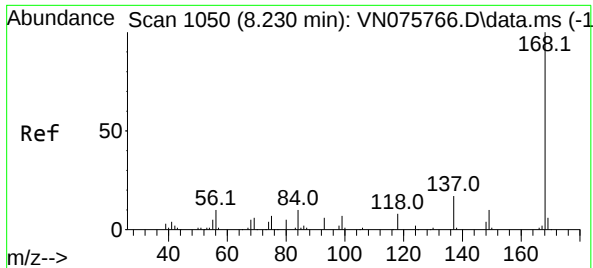
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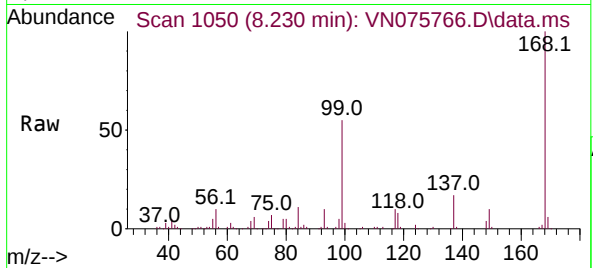
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
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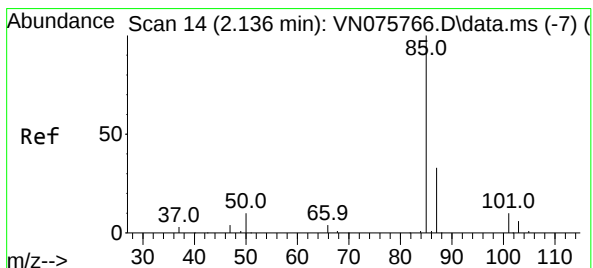
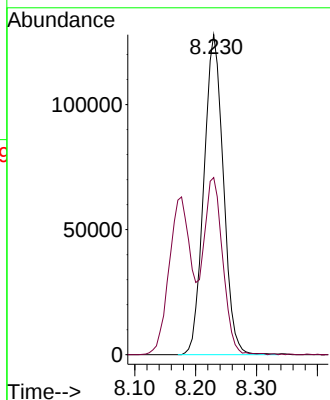
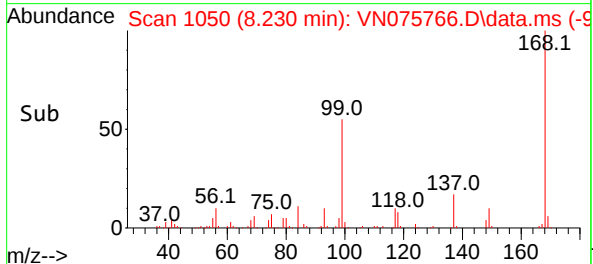
Instrument :
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VSTDICCC050



Tgt Ion:168 Resp: 284752
Ion Ratio Lower Upper
168 100
99 55.3 41.2 61.8

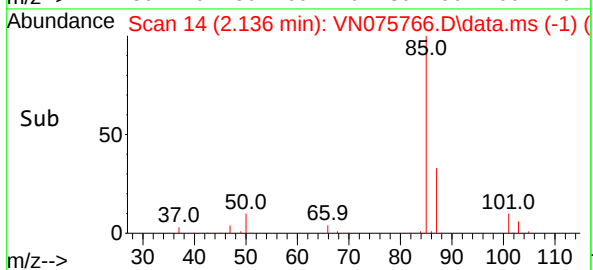
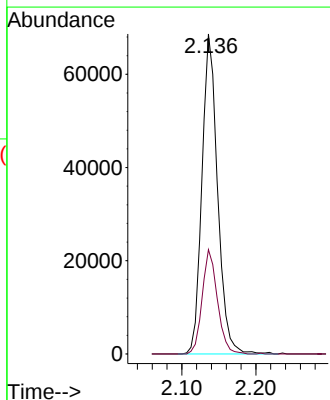
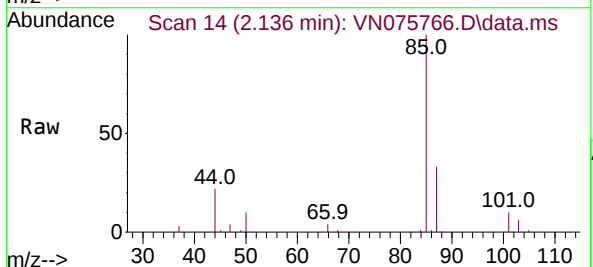
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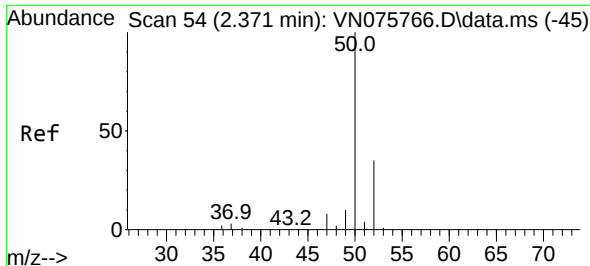
Reviewed By :John Carlone 12/15/2022
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#2
Dichlorodifluoromethane
Concen: 48.040 ug/l
RT: 2.136 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN075766.D
Acq: 14 Dec 2022 12:08

Tgt Ion: 85 Resp: 100612
Ion Ratio Lower Upper
85 100
87 32.6 16.1 48.2





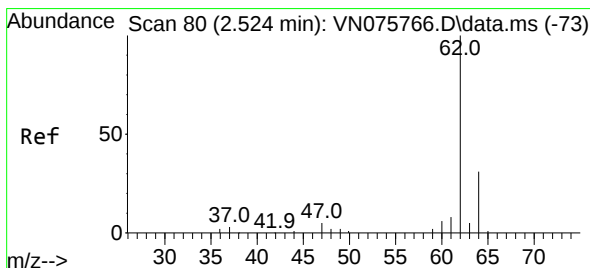
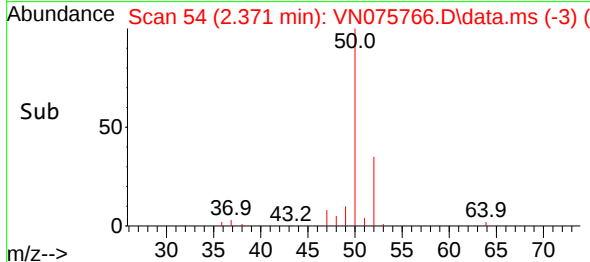
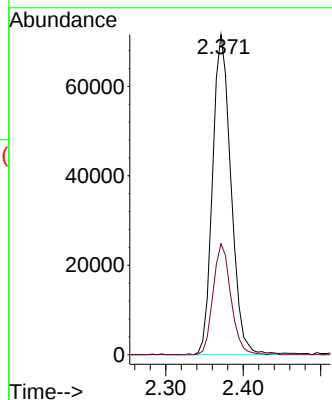
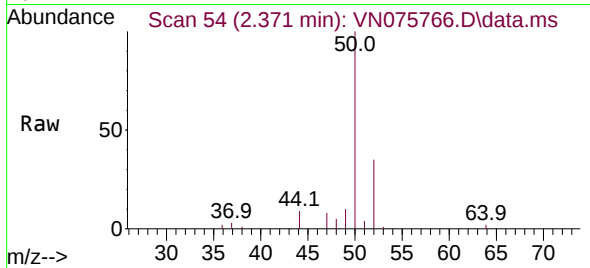
#3
Chloromethane
Concen: 47.526 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075766.D
Acq: 14 Dec 2022 12:08

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ClientSampleId :
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Tgt Ion: 50 Resp: 118589
Ion Ratio Lower Upper
50 100
52 34.6 27.9 41.9

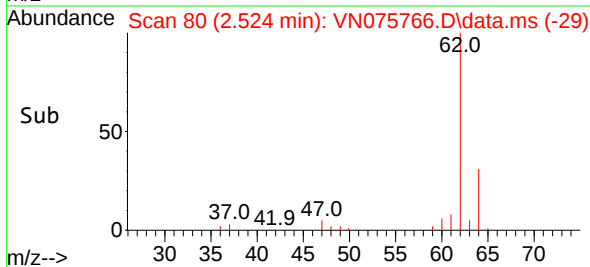
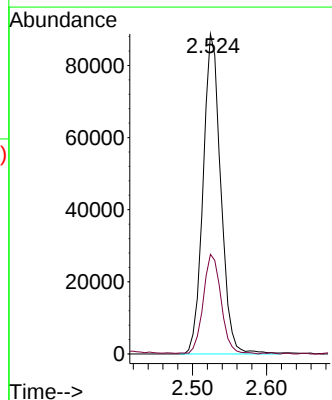
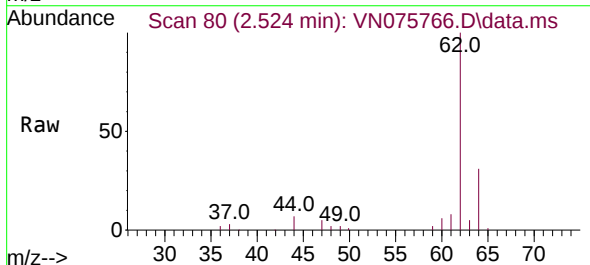
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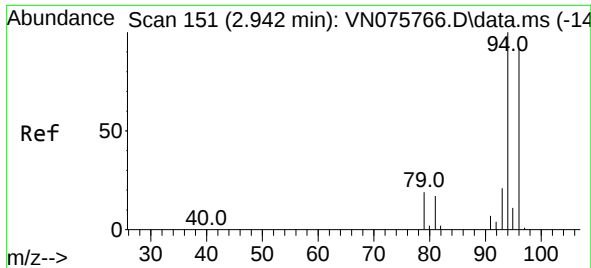
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#4
Vinyl Chloride
Concen: 48.024 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075766.D
Acq: 14 Dec 2022 12:08

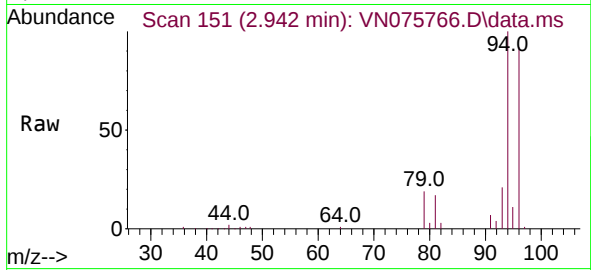
Tgt Ion: 62 Resp: 147196
Ion Ratio Lower Upper
62 100
64 31.1 25.9 38.9





#5
Bromomethane
Concen: 48.580 ug/l
RT: 2.942 min Scan# 151
Delta R.T. 0.000 min
Lab File: VN075766.D
Acq: 14 Dec 2022 12:08

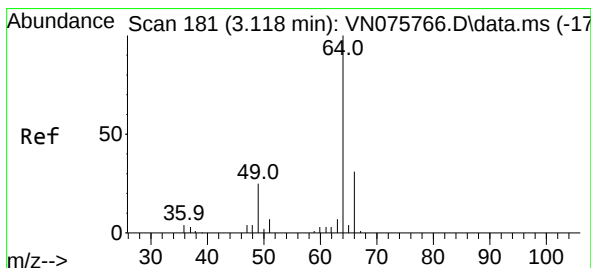
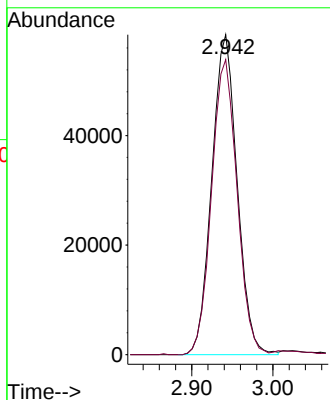
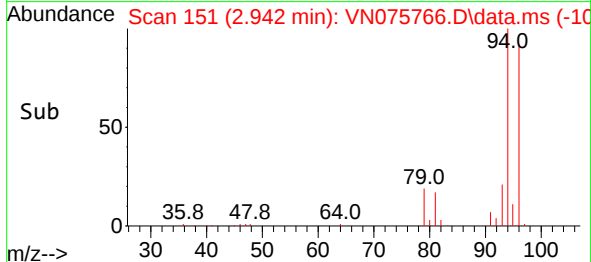
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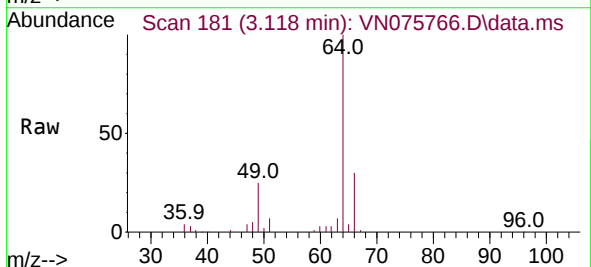
Tgt Ion: 94 Resp: 126810
Ion Ratio Lower Upper
94 100
96 92.2 77.6 116.4

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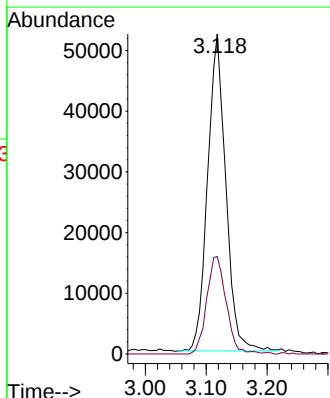
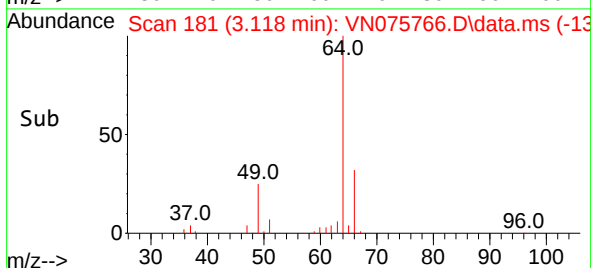
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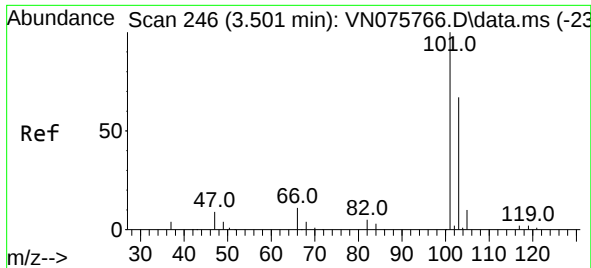


#6
Chloroethane
Concen: 47.501 ug/l
RT: 3.118 min Scan# 181
Delta R.T. 0.000 min
Lab File: VN075766.D
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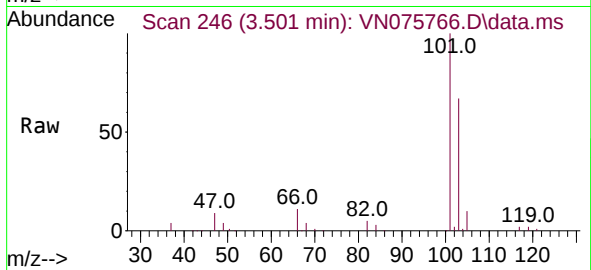
Tgt Ion: 64 Resp: 108631
Ion Ratio Lower Upper
64 100
66 30.7 25.7 38.5





#7
Trichlorofluoromethane
Concen: 51.432 ug/l
RT: 3.501 min Scan# 246
Delta R.T. 0.000 min
Lab File: VN075766.D
Acq: 14 Dec 2022 12:08

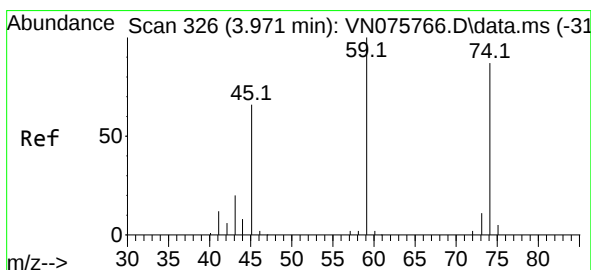
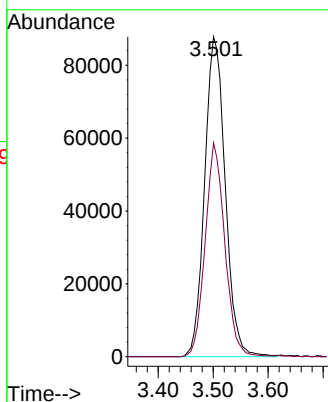
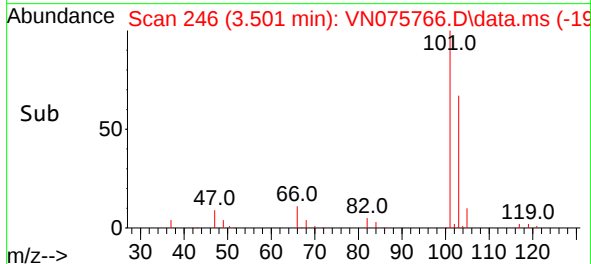
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Tgt Ion:101 Resp: 228718
Ion Ratio Lower Upper
101 100
103 66.8 51.4 77.2

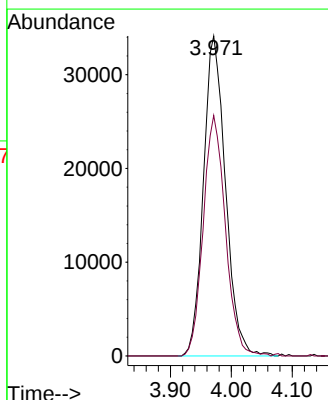
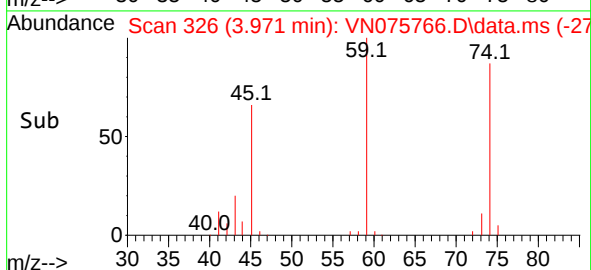
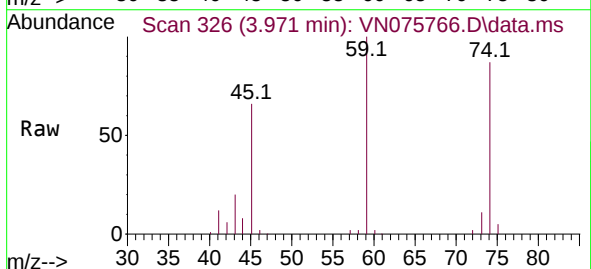
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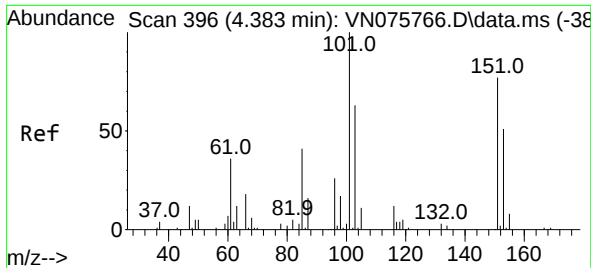
Reviewed By :John Carlone 12/15/2022
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#8
Diethyl Ether
Concen: 52.800 ug/l
RT: 3.971 min Scan# 326
Delta R.T. -0.006 min
Lab File: VN075766.D
Acq: 14 Dec 2022 12:08

Tgt Ion: 74 Resp: 85841
Ion Ratio Lower Upper
74 100
45 75.6 36.8 110.4





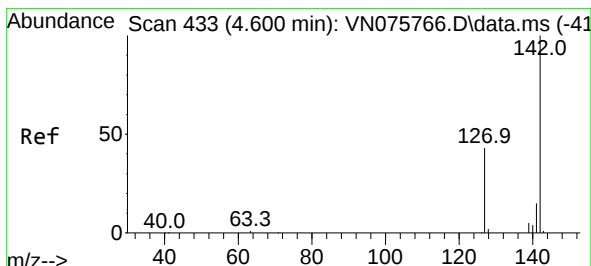
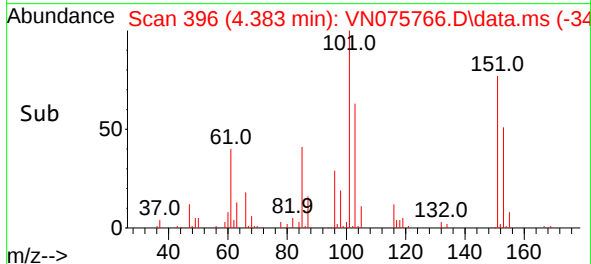
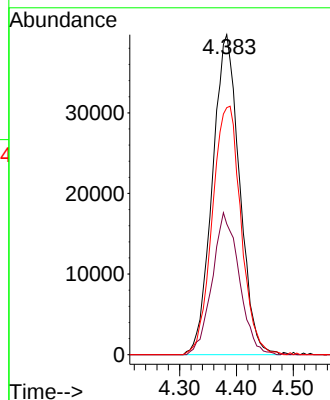
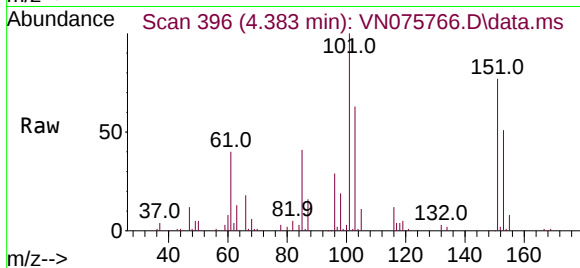
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.447 ug/l
RT: 4.383 min Scan# 396
Delta R.T. 0.000 min
Lab File: VN075766.D
Acq: 14 Dec 2022 12:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 131660
Ion Ratio Lower Upper
101 100
85 44.1 35.3 52.9
151 82.0 65.6 98.4

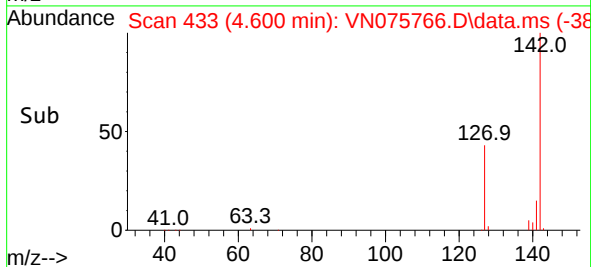
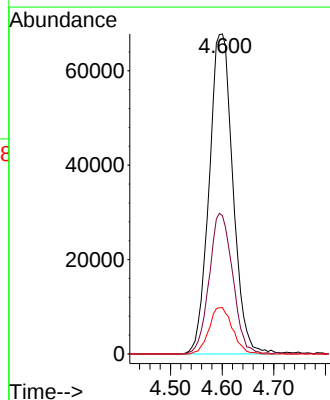
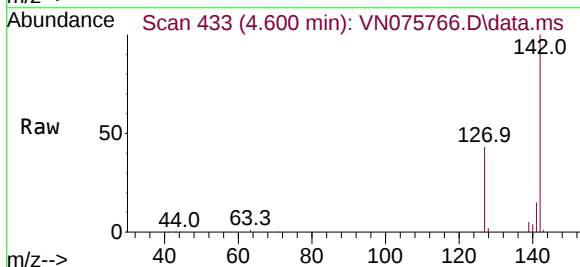
Manual Integrations
APPROVED

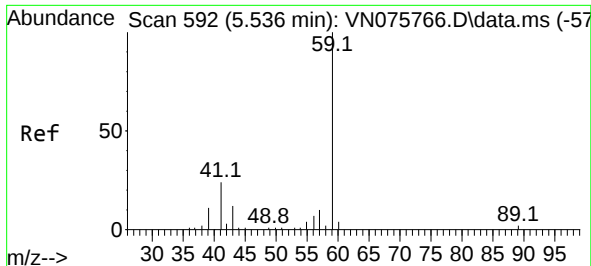
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#10
Methyl Iodide
Concen: 50.836 ug/l
RT: 4.600 min Scan# 433
Delta R.T. 0.000 min
Lab File: VN075766.D
Acq: 14 Dec 2022 12:08

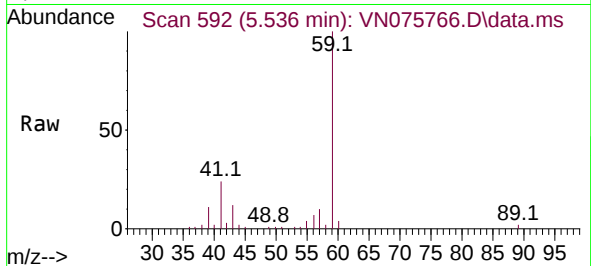
Tgt Ion:142 Resp: 216809
Ion Ratio Lower Upper
142 100
127 43.4 35.0 52.4
141 14.3 11.4 17.2





#11
Tert butyl alcohol
Concen: 248.115 ug/l
RT: 5.536 min Scan# 591
Delta R.T. 0.000 min
Lab File: VN075766.D
Acq: 14 Dec 2022 12:08

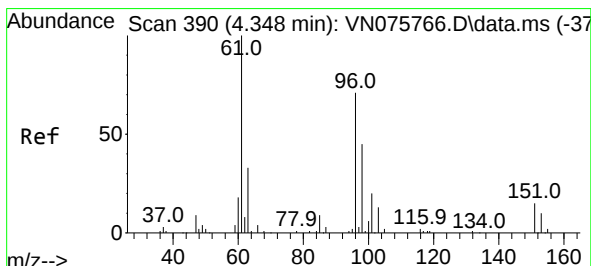
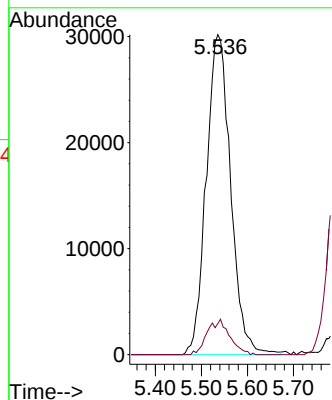
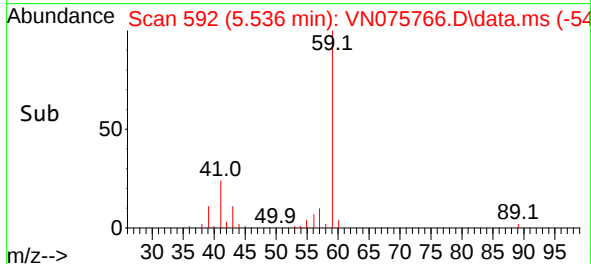
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



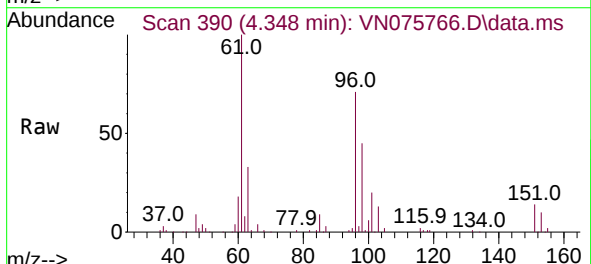
Tgt Ion: 59 Resp: 110899
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.4

Manual Integrations
APPROVED

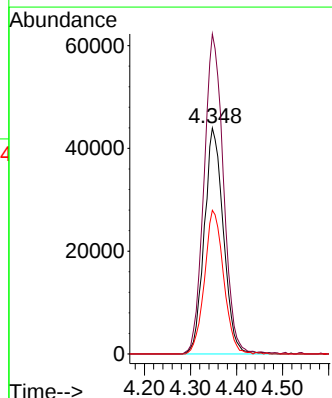
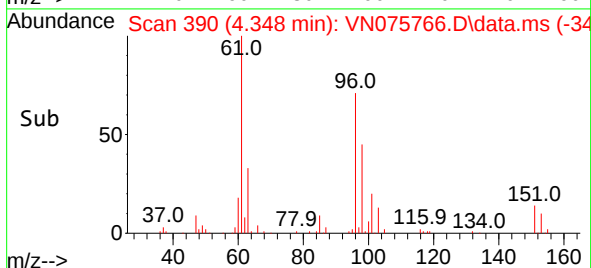
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

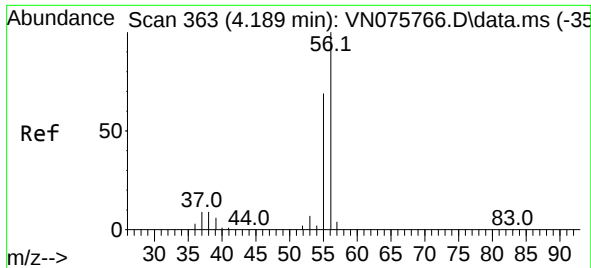


#12
1,1-Dichloroethene
Concen: 52.213 ug/l
RT: 4.348 min Scan# 390
Delta R.T. -0.006 min
Lab File: VN075766.D
Acq: 14 Dec 2022 12:08



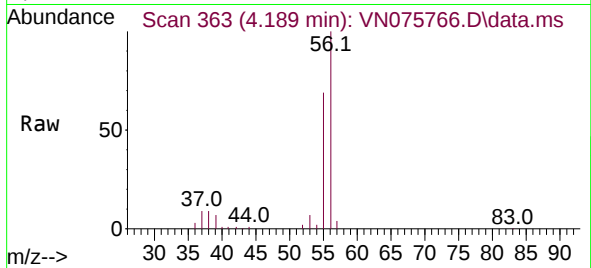
Tgt Ion: 96 Resp: 127370
Ion Ratio Lower Upper
96 100
61 141.6 116.8 175.2
98 63.6 51.6 77.4





#13
Acrolein
Concen: 267.063 ug/l
RT: 4.189 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN075766.D
Acq: 14 Dec 2022 12:08

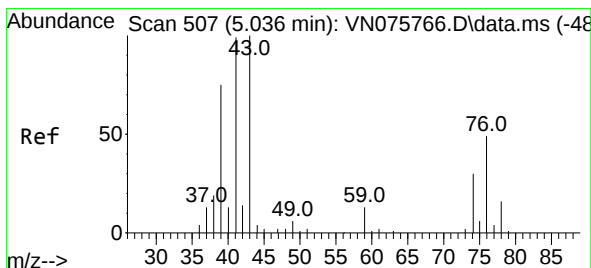
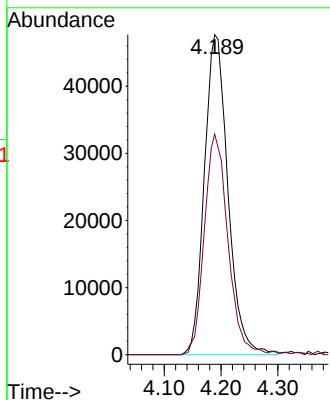
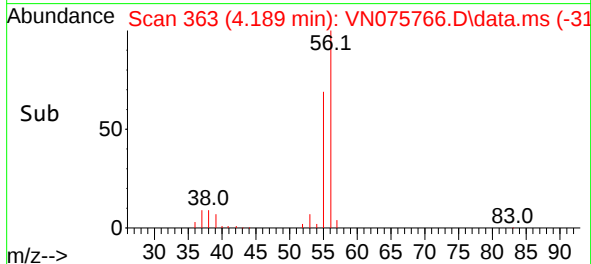
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 56 Resp: 13747
Ion Ratio Lower Upper
56 100
55 68.5 55.7 83.5

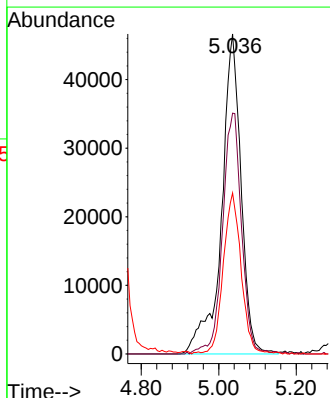
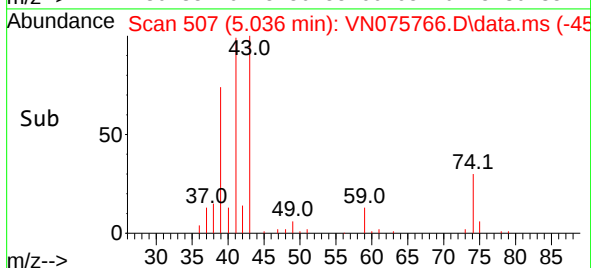
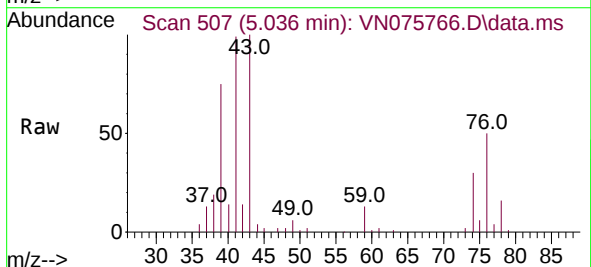
Manual Integrations
APPROVED

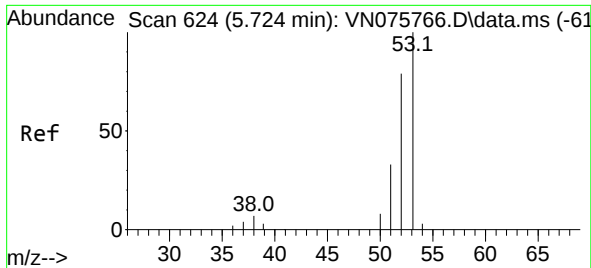
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#14
Allyl chloride
Concen: 53.857 ug/l
RT: 5.036 min Scan# 507
Delta R.T. 0.000 min
Lab File: VN075766.D
Acq: 14 Dec 2022 12:08

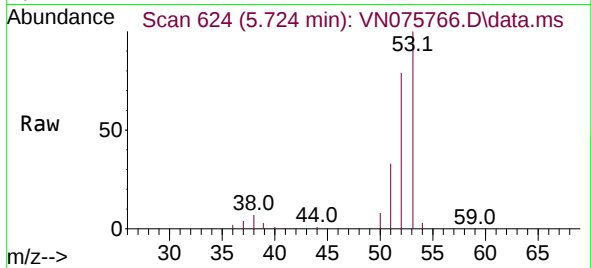
Tgt Ion: 41 Resp: 163608
Ion Ratio Lower Upper
41 100
39 72.9 64.6 96.8
76 44.7 40.9 61.3





#15
Acrylonitrile
Concen: 259.776 ug/l
RT: 5.724 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN075766.D
Acq: 14 Dec 2022 12:08

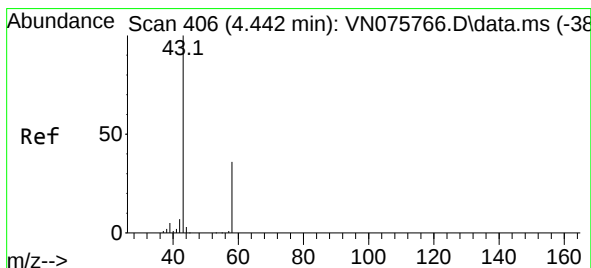
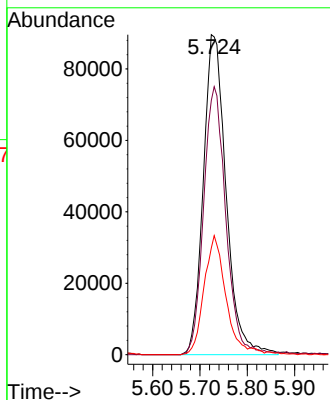
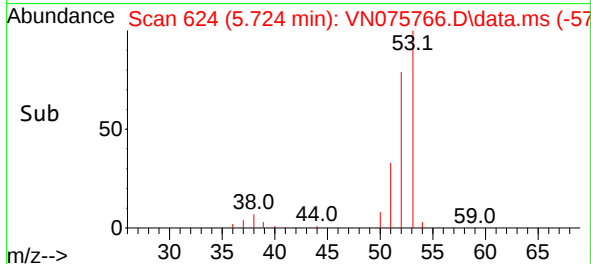
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 53 Resp: 299910
Ion Ratio Lower Upper
53 100
52 81.7 65.0 97.4
51 36.1 28.9 43.3

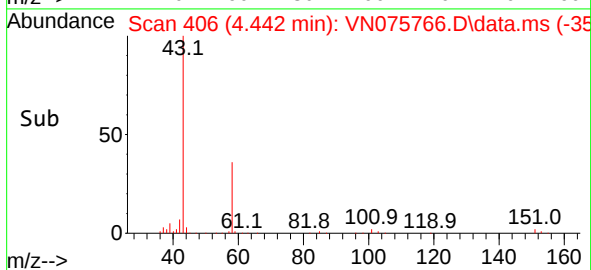
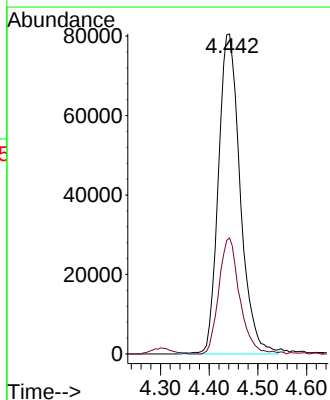
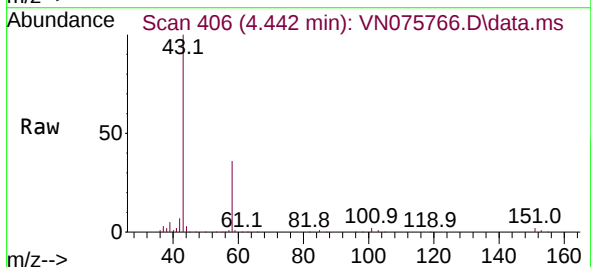
Manual Integrations
APPROVED

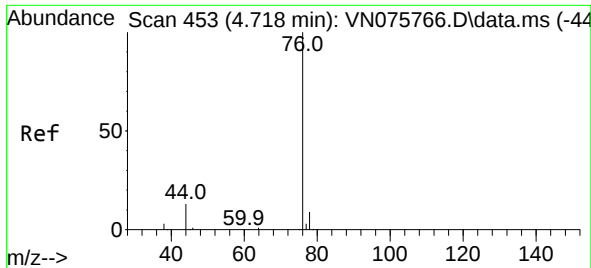
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#16
Acetone
Concen: 245.149 ug/l
RT: 4.442 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN075766.D
Acq: 14 Dec 2022 12:08

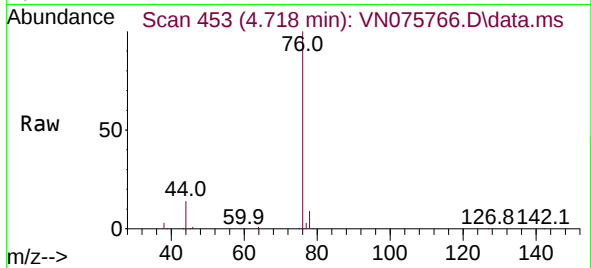
Tgt Ion: 43 Resp: 250831
Ion Ratio Lower Upper
43 100
58 35.8 27.0 40.4





#17
Carbon Disulfide
Concen: 47.390 ug/l
RT: 4.718 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN075766.D
Acq: 14 Dec 2022 12:08

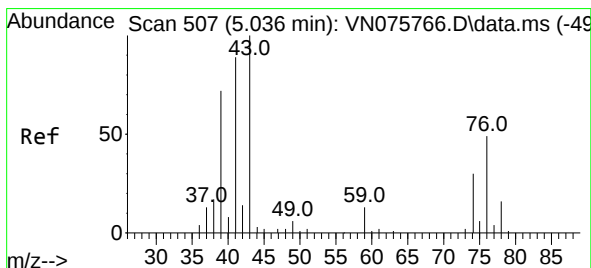
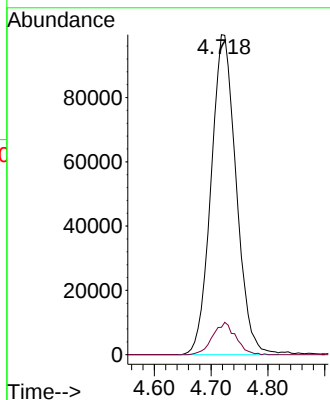
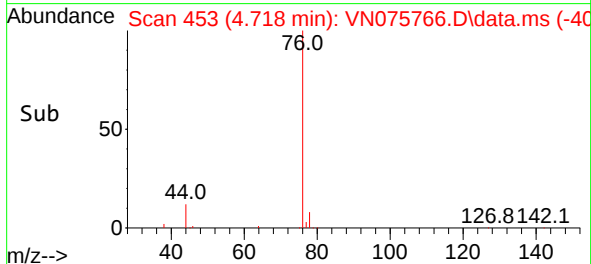
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



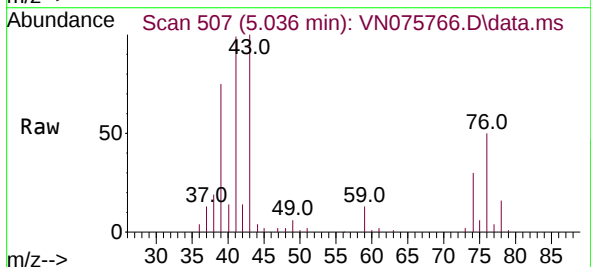
Tgt Ion: 76 Resp: 305890
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.2

Manual Integrations
APPROVED

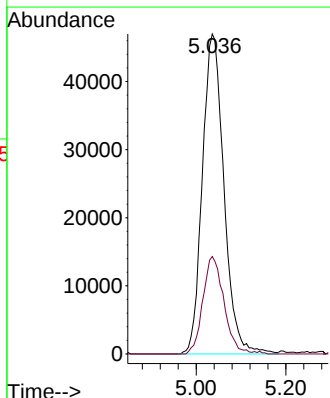
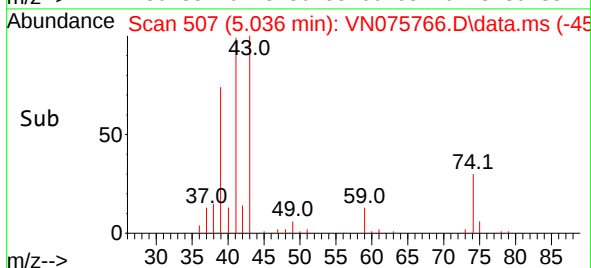
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

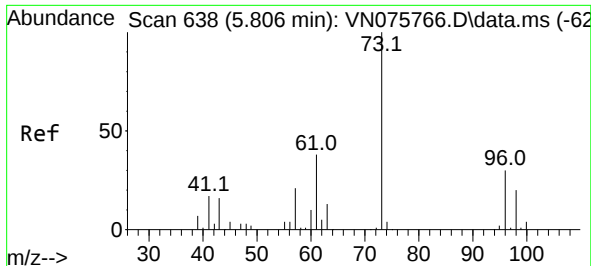


#18
Methyl Acetate
Concen: 47.731 ug/l
RT: 5.036 min Scan# 507
Delta R.T. 0.000 min
Lab File: VN075766.D
Acq: 14 Dec 2022 12:08



Tgt Ion: 43 Resp: 156930
Ion Ratio Lower Upper
43 100
74 29.5 24.5 36.7





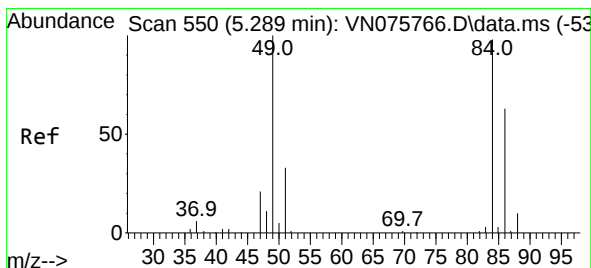
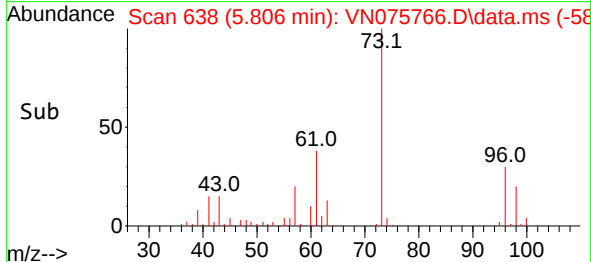
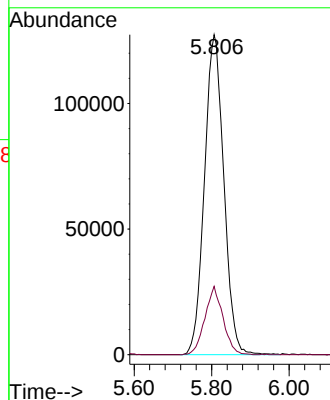
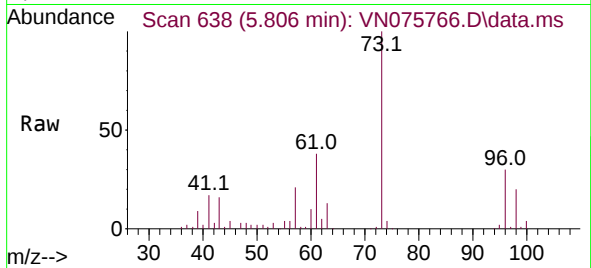
#19
Methyl tert-butyl Ether
Concen: 53.950 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075766.D
Acq: 14 Dec 2022 12:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 73 Resp: 442700
Ion Ratio Lower Upper
73 100
57 21.4 15.1 22.7

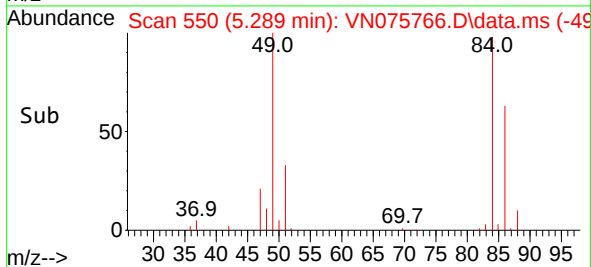
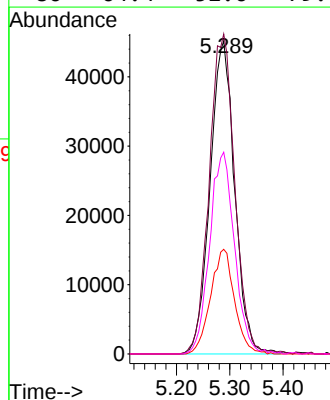
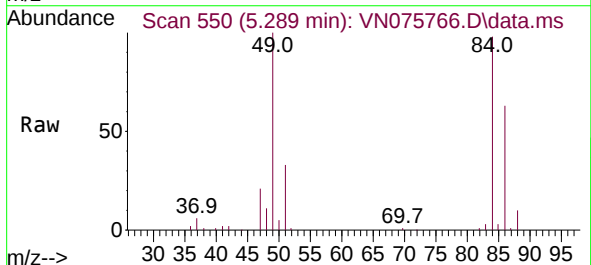
Manual Integrations
APPROVED

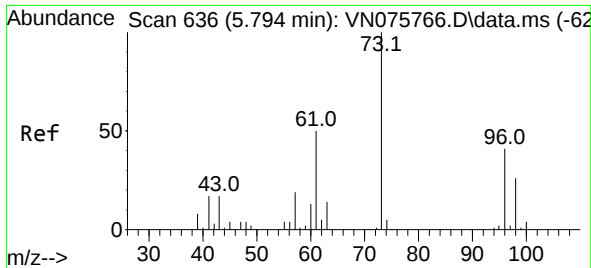
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#20
Methylene Chloride
Concen: 47.503 ug/l
RT: 5.289 min Scan# 550
Delta R.T. 0.006 min
Lab File: VN075766.D
Acq: 14 Dec 2022 12:08

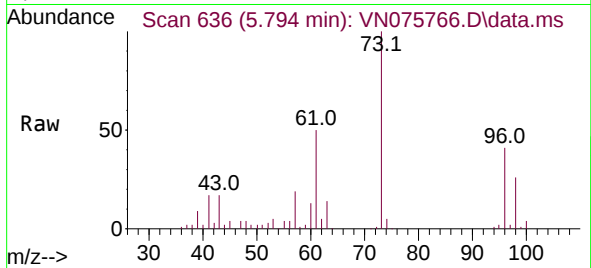
Tgt Ion: 84 Resp: 144894
Ion Ratio Lower Upper
84 100
49 102.2 83.0 124.4
51 33.4 26.0 39.0
86 64.4 52.6 79.0





#21
trans-1,2-Dichloroethene
Concen: 50.862 ug/l
RT: 5.794 min Scan# 636
Delta R.T. 0.000 min
Lab File: VN075766.D
Acq: 14 Dec 2022 12:08

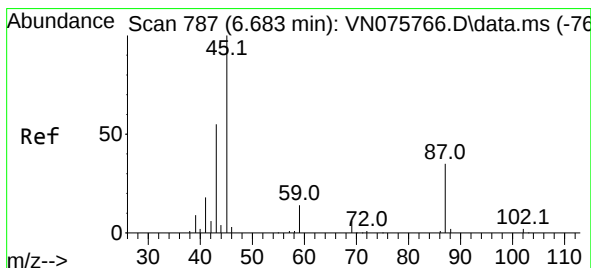
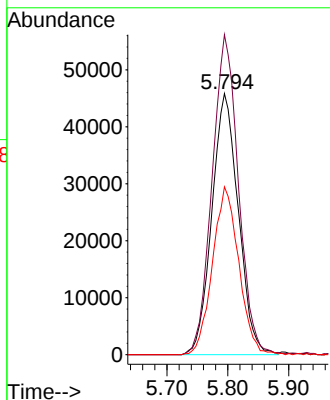
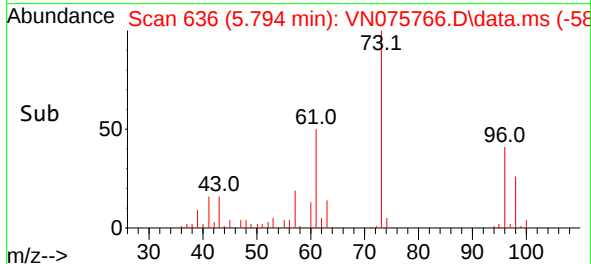
Instrument :
MSVOA_N
Client Sample Id :
VSTDICCC050



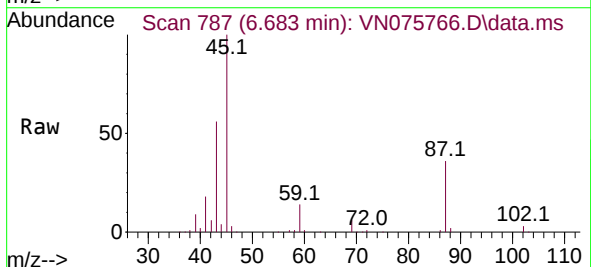
Tgt Ion: 96 Resp: 13865
Ion Ratio Lower Upper
96 100
61 122.6 100.5 150.7
98 64.3 52.7 79.1

Manual Integrations
APPROVED

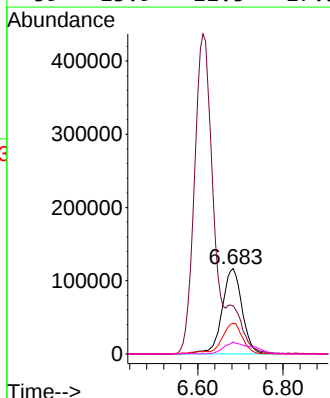
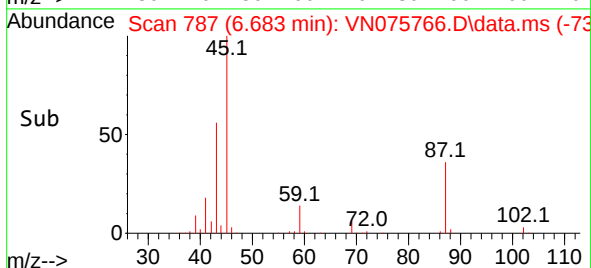
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

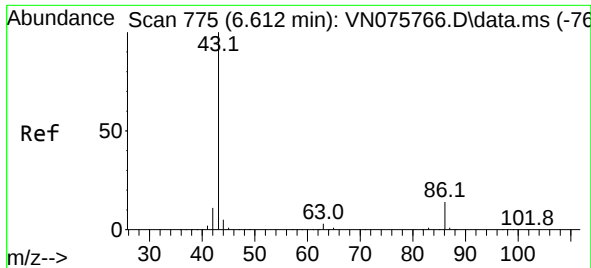


#22
Diisopropyl ether
Concen: 54.817 ug/l
RT: 6.683 min Scan# 787
Delta R.T. 0.000 min
Lab File: VN075766.D
Acq: 14 Dec 2022 12:08



Tgt Ion: 45 Resp: 378884
Ion Ratio Lower Upper
45 100
43 55.3 44.9 67.3
87 35.4 28.8 43.2
59 13.9 11.5 17.3





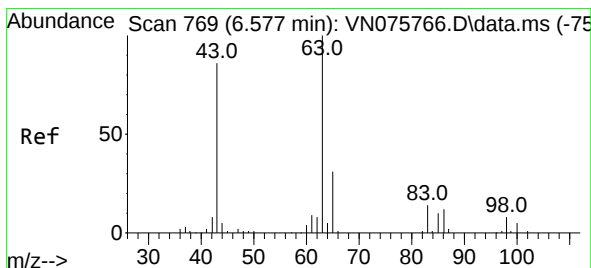
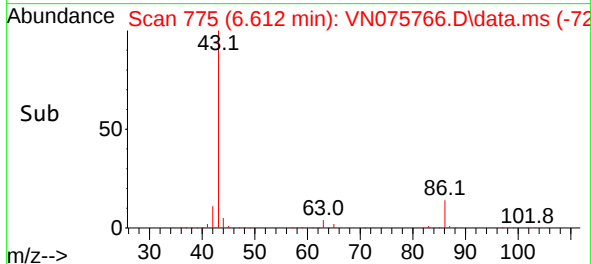
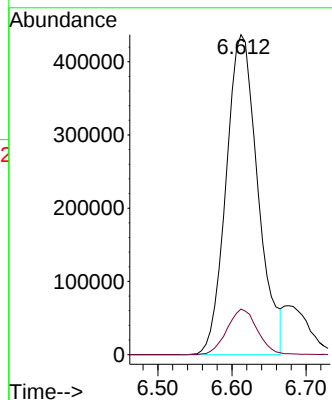
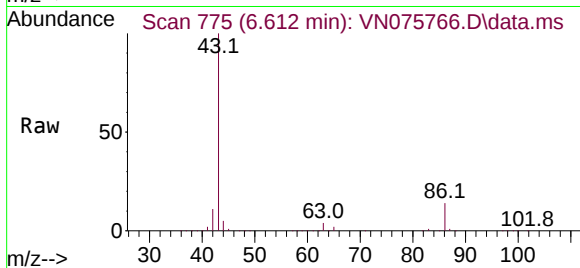
#23
 Vinyl Acetate
 Concen: 247.043 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN075766.D
 Acq: 14 Dec 2022 12:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 43 Resp: 130204
 Ion Ratio Lower Upper
 43 100
 86 14.3 11.5 17.3

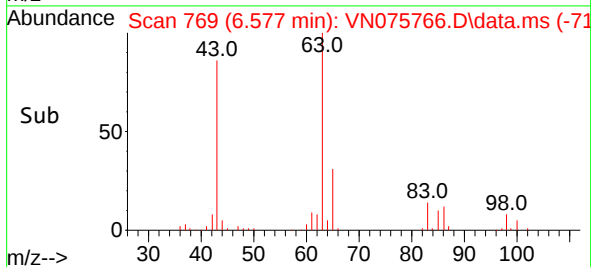
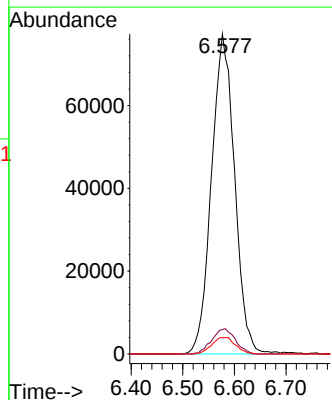
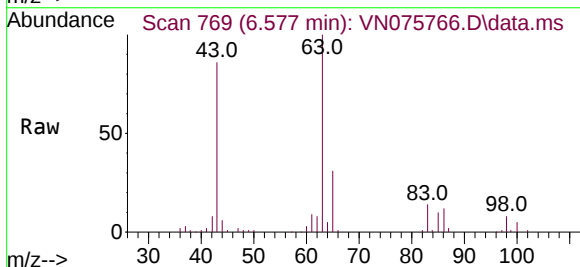
Manual Integrations
 APPROVED

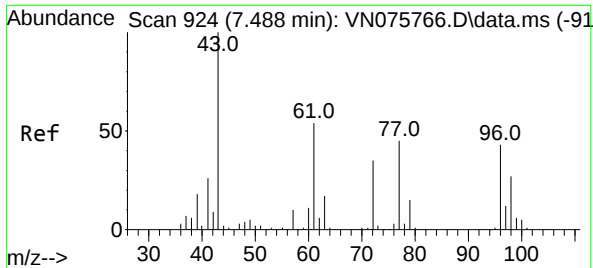
Reviewed By :John Carlone 12/15/2022
 Supervised By :Mahesh Dadoda 12/15/2022



#24
 1,1-Dichloroethane
 Concen: 52.719 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VN075766.D
 Acq: 14 Dec 2022 12:08

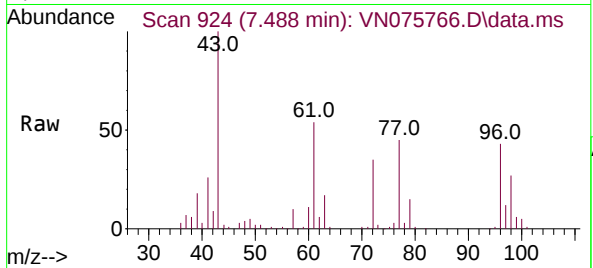
Tgt Ion: 63 Resp: 239856
 Ion Ratio Lower Upper
 63 100
 98 7.7 4.3 12.9
 100 5.1 2.6 7.8





#25
2-Butanone
Concen: 254.603 ug/l
RT: 7.488 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN075766.D
Acq: 14 Dec 2022 12:08

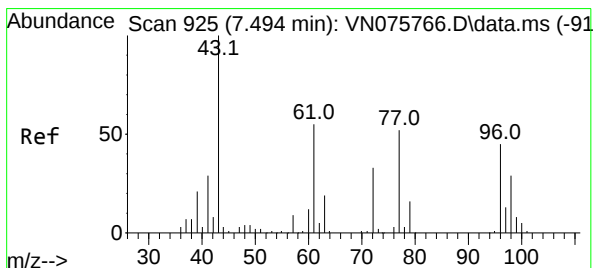
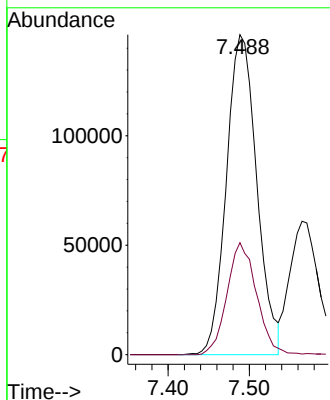
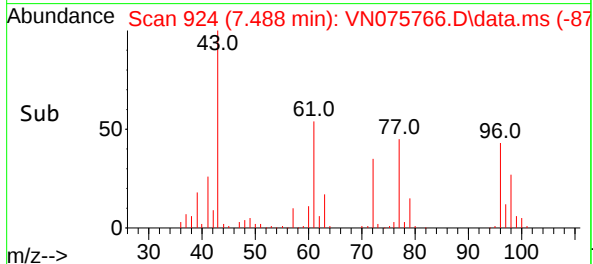
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



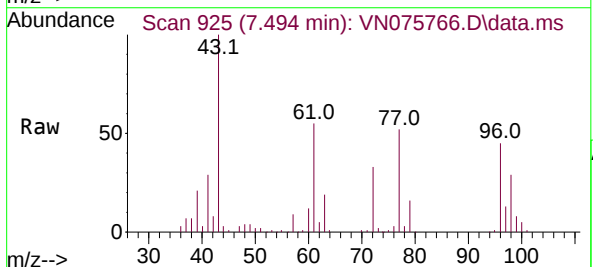
Tgt Ion: 43 Resp: 380820
Ion Ratio Lower Upper
43 100
72 35.0 25.3 37.9

Manual Integrations
APPROVED

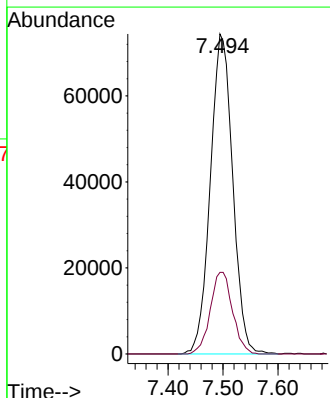
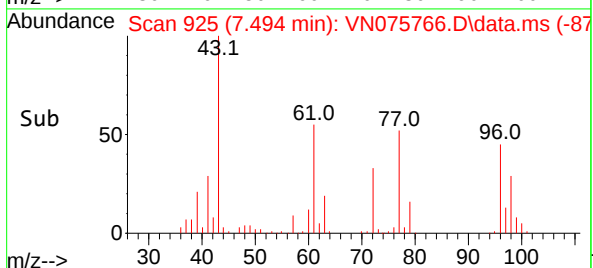
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

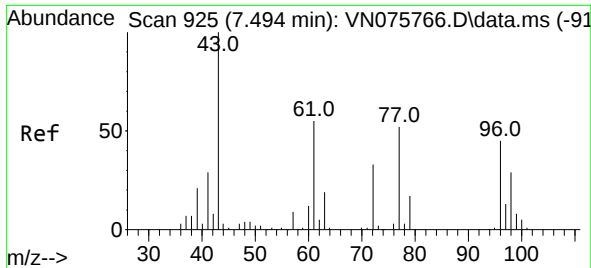


#26
2,2-Dichloropropane
Concen: 54.140 ug/l
RT: 7.494 min Scan# 925
Delta R.T. -0.006 min
Lab File: VN075766.D
Acq: 14 Dec 2022 12:08



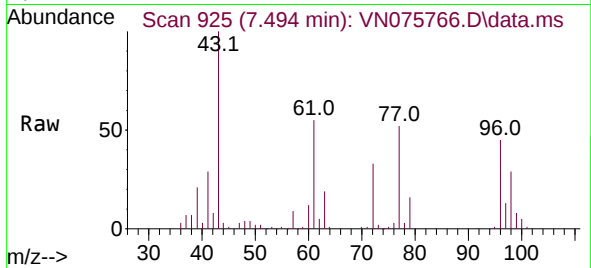
Tgt Ion: 77 Resp: 210082
Ion Ratio Lower Upper
77 100
97 25.3 12.2 36.4





#27
 cis-1,2-Dichloroethene
 Concen: 51.851 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN075766.D
 Acq: 14 Dec 2022 12:08

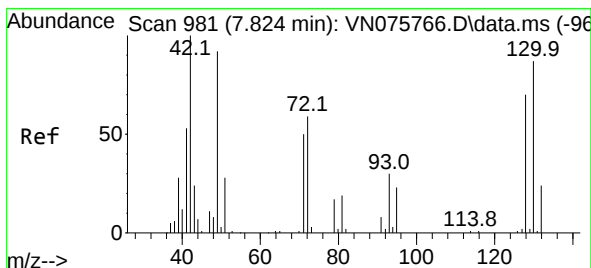
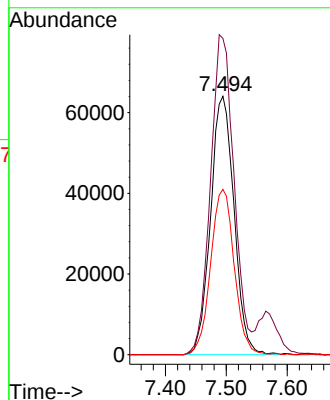
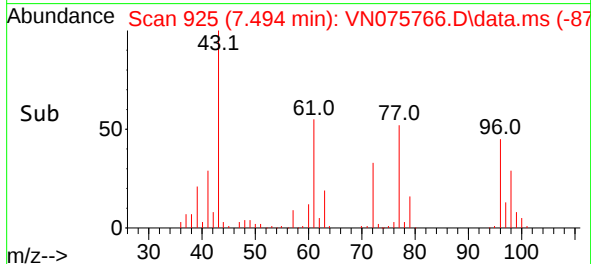
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



Tgt Ion: 96 Resp: 171602
 Ion Ratio Lower Upper
 96 100
 61 123.9 0.0 247.8
 98 64.2 0.0 126.0

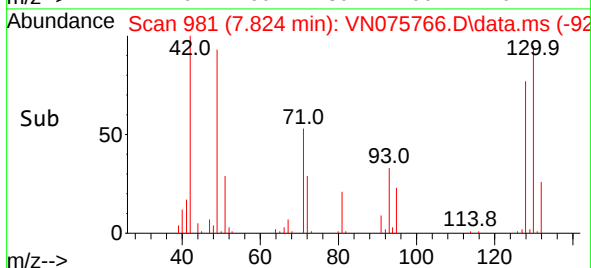
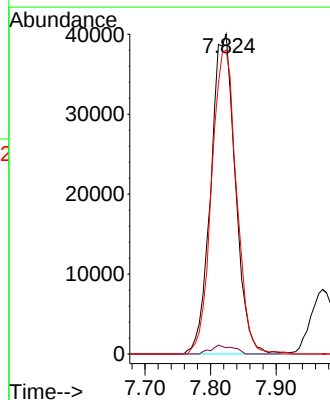
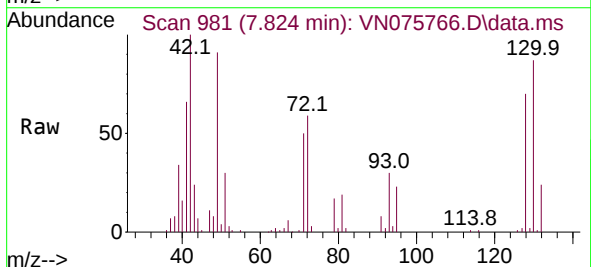
Manual Integrations
 APPROVED

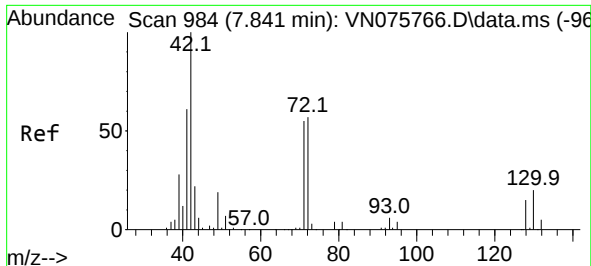
Reviewed By :John Carlone 12/15/2022
 Supervised By :Mahesh Dadoda 12/15/2022



#28
 Bromochloromethane
 Concen: 57.057 ug/l
 RT: 7.824 min Scan# 981
 Delta R.T. 0.006 min
 Lab File: VN075766.D
 Acq: 14 Dec 2022 12:08

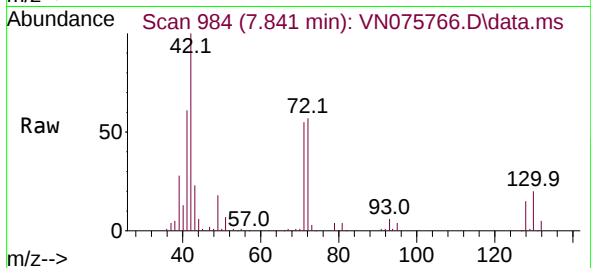
Tgt Ion: 49 Resp: 103792
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 5.4
 130 96.2 78.5 117.7





#29
Tetrahydrofuran
Concen: 266.774 ug/l
RT: 7.841 min Scan# 984
Delta R.T. -0.006 min
Lab File: VN075766.D
Acq: 14 Dec 2022 12:08

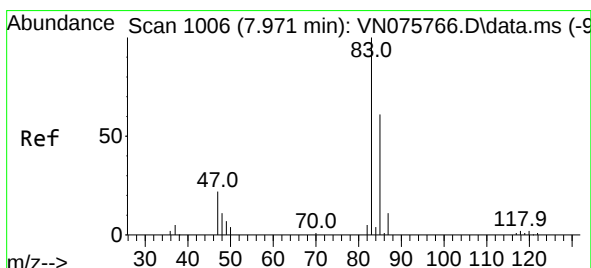
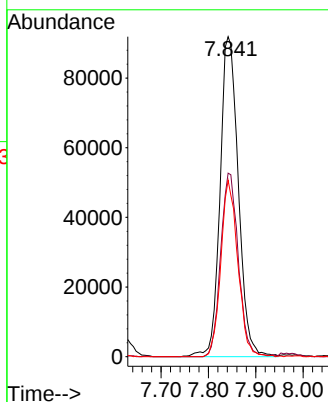
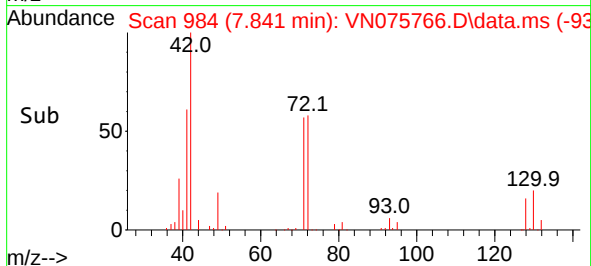
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



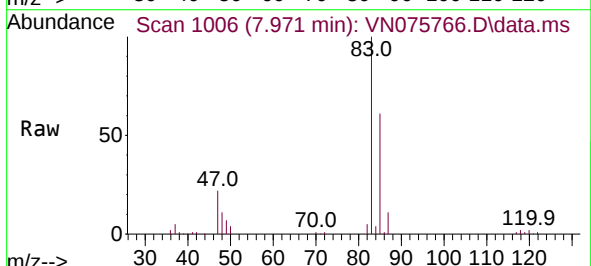
Tgt Ion: 42 Resp: 245940
Ion Ratio Lower Upper
42 100
72 55.6 44.6 67.0
71 51.3 41.2 61.8

Manual Integrations
APPROVED

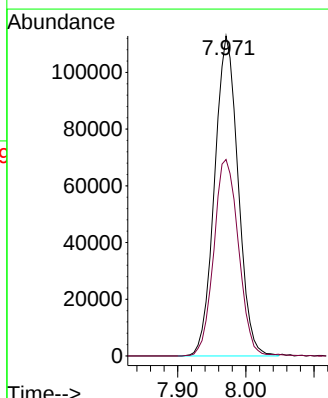
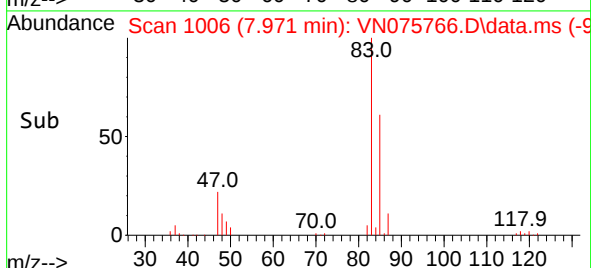
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

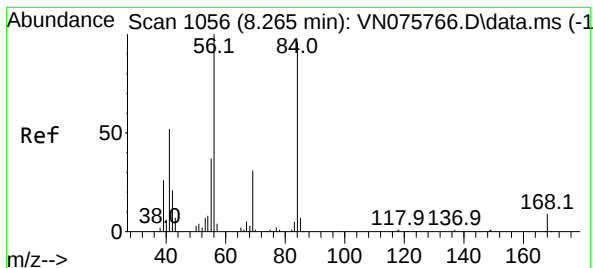


#30
Chloroform
Concen: 53.816 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. 0.000 min
Lab File: VN075766.D
Acq: 14 Dec 2022 12:08



Tgt Ion: 83 Resp: 271201
Ion Ratio Lower Upper
83 100
85 61.4 51.8 77.6





#31

Cyclohexane

Concen: 46.684 ug/l

RT: 8.265 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN075766.D

Acq: 14 Dec 2022 12:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 56 Resp: 20883

Ion Ratio Lower Upper

56 100

69 30.9 26.2 39.2

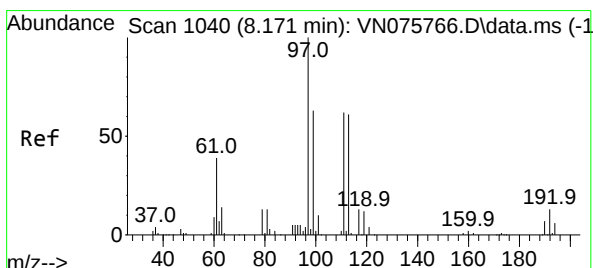
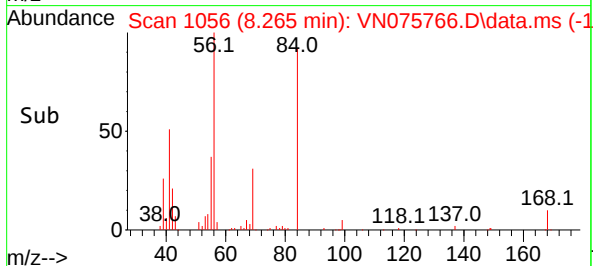
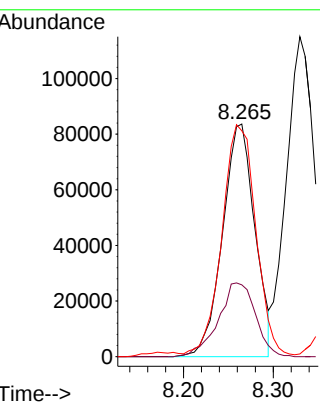
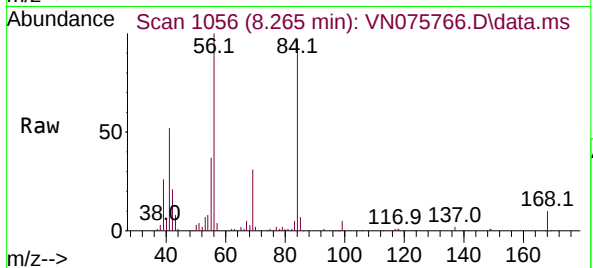
84 95.6 82.8 124.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#32

1,1,1-Trichloroethane

Concen: 53.656 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN075766.D

Acq: 14 Dec 2022 12:08

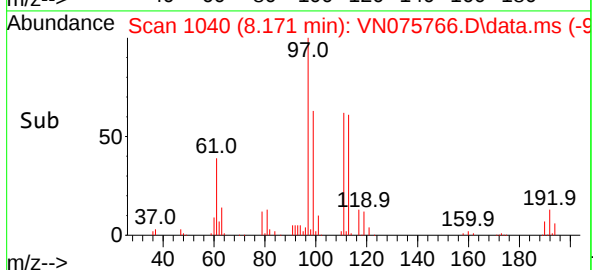
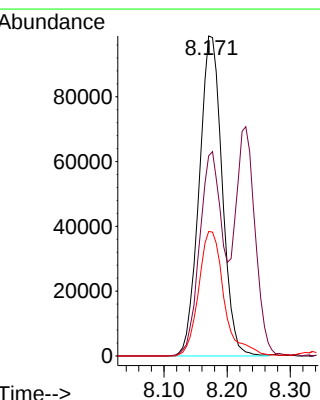
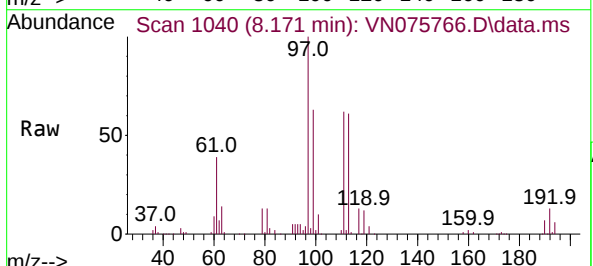
Tgt Ion: 97 Resp: 249465

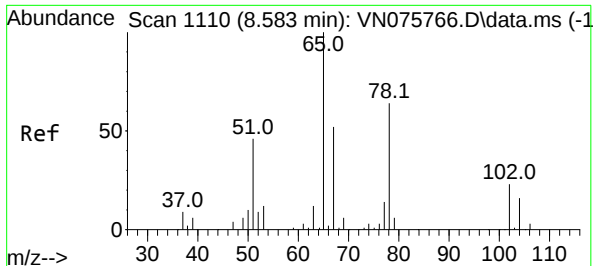
Ion Ratio Lower Upper

97 100

99 62.7 51.2 76.8

61 43.1 34.2 51.4





#33

1,2-Dichloroethane-d4

Concen: 52.550 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN075766.D

Acq: 14 Dec 2022 12:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 65 Resp: 158768

Ion Ratio Lower Upper

65 100

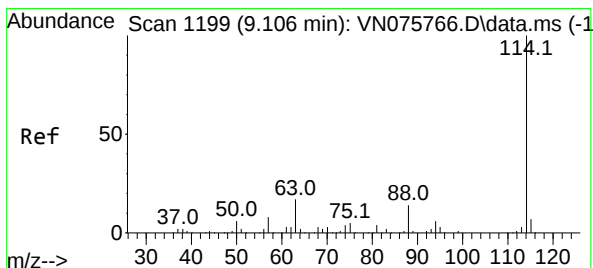
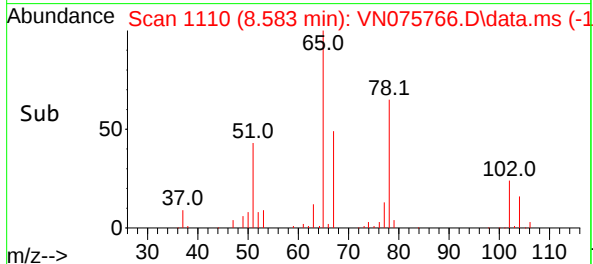
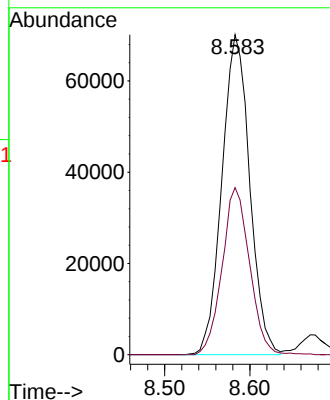
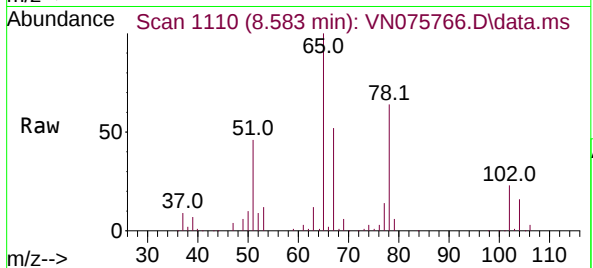
67 51.7 0.0 104.2

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: VN075766.D

Acq: 14 Dec 2022 12:08

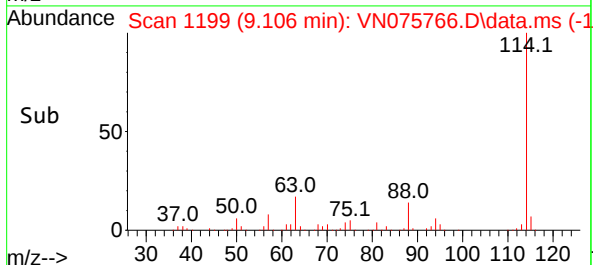
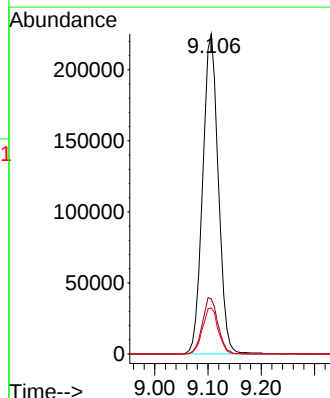
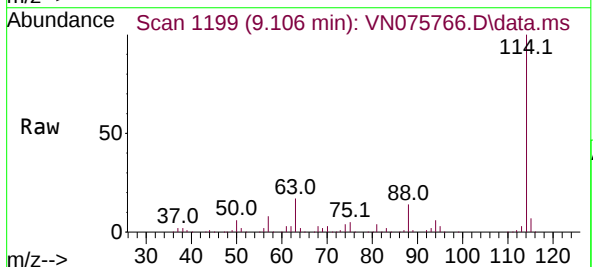
Tgt Ion:114 Resp: 457796

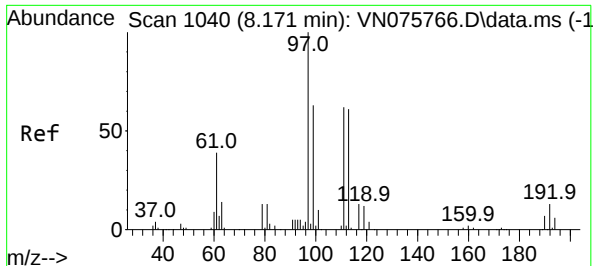
Ion Ratio Lower Upper

114 100

63 17.2 0.0 34.4

88 14.4 0.0 29.2





#35

Dibromofluoromethane

Concen: 51.512 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN075766.D

Acq: 14 Dec 2022 12:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 113 Resp: 143878

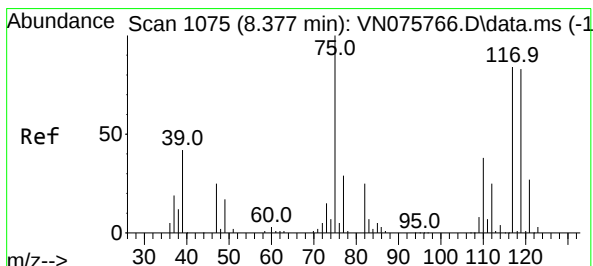
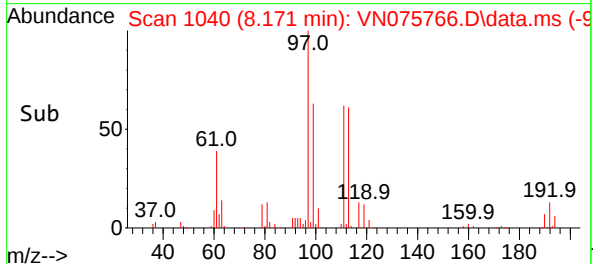
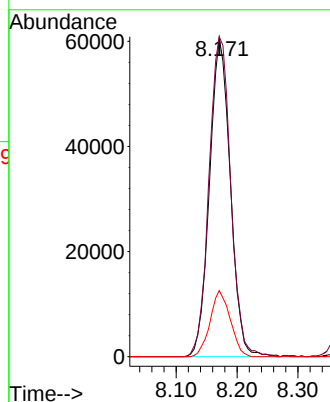
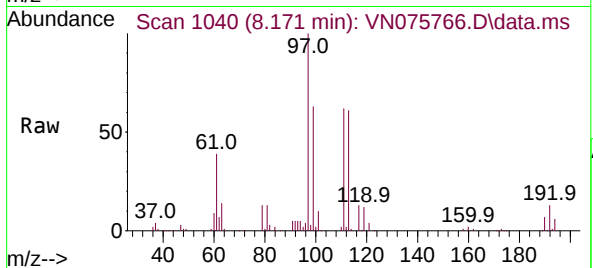
Ion	Ratio	Lower	Upper
113	100		
111	104.3	81.0	121.6
192	20.1	16.2	24.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#36

1,1-Dichloropropene

Concen: 53.323 ug/l

RT: 8.377 min Scan# 1075

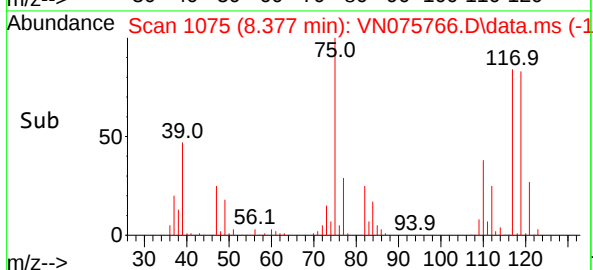
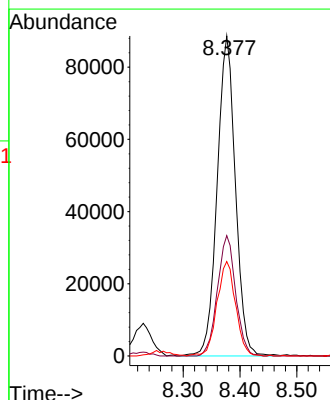
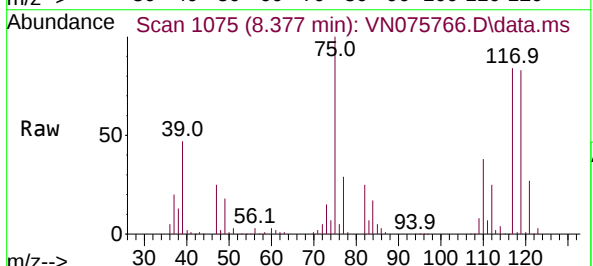
Delta R.T. 0.000 min

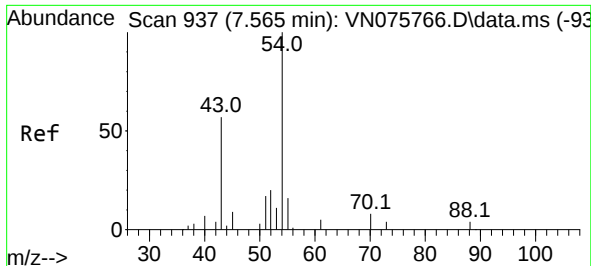
Lab File: VN075766.D

Acq: 14 Dec 2022 12:08

Tgt Ion: 75 Resp: 197762

Ion	Ratio	Lower	Upper
75	100		
110	37.6	18.9	56.9
77	30.1	25.4	38.2





#37

Ethyl Acetate

Concen: 51.763 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN075766.D

Acq: 14 Dec 2022 12:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 15413

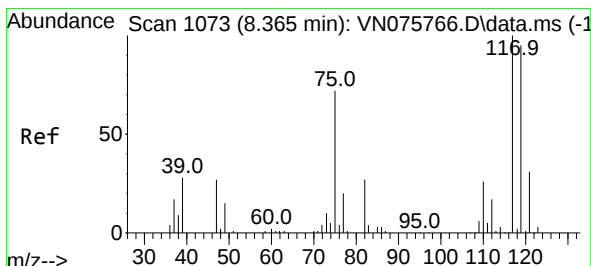
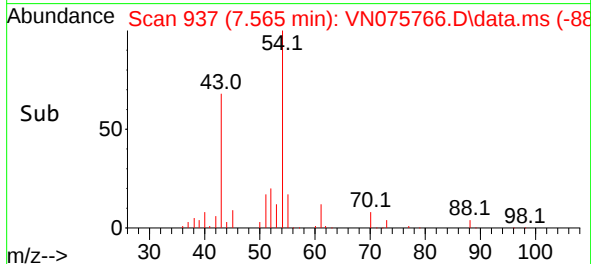
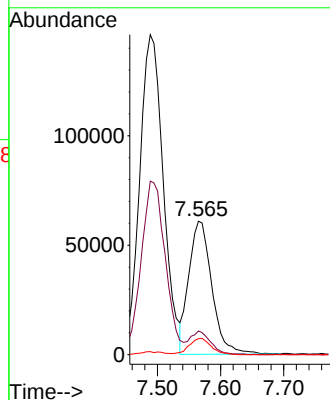
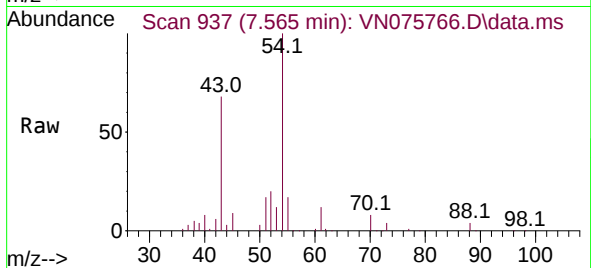
Ion	Ratio	Lower	Upper
43	100		
61	16.2	13.3	19.9
70	11.7	9.9	14.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#38

Carbon Tetrachloride

Concen: 51.717 ug/l

RT: 8.365 min Scan# 1073

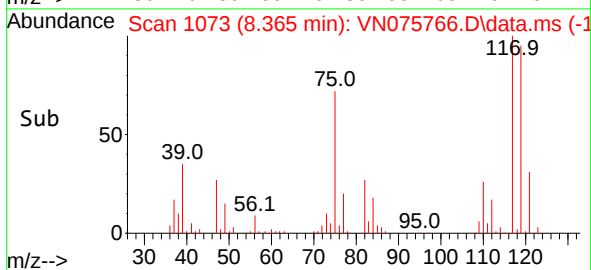
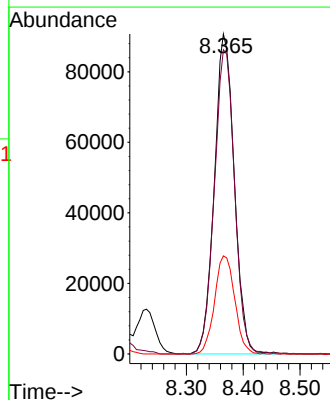
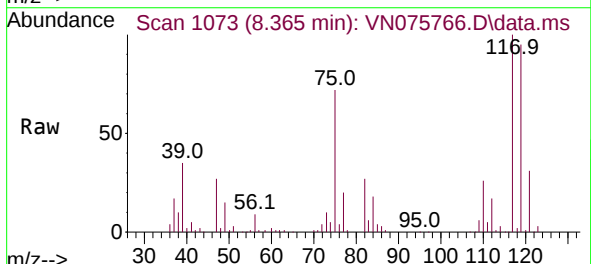
Delta R.T. 0.000 min

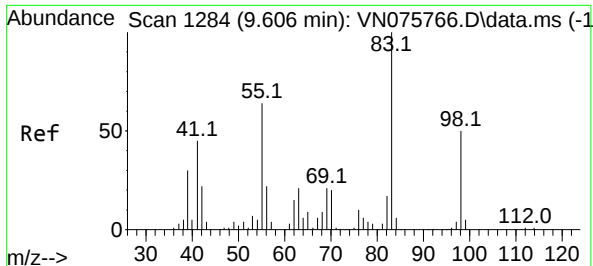
Lab File: VN075766.D

Acq: 14 Dec 2022 12:08

Tgt Ion:117 Resp: 221335

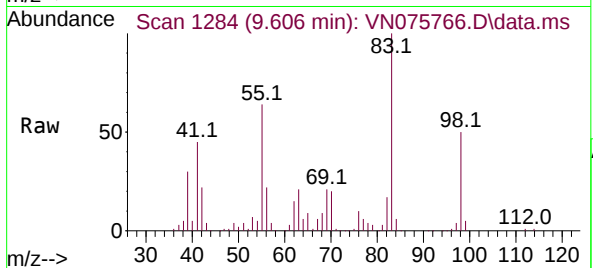
Ion	Ratio	Lower	Upper
117	100		
119	95.1	77.2	115.8
121	30.6	24.6	37.0





#39
Methylcyclohexane
Concen: 53.487 ug/l
RT: 9.606 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VN075766.D
Acq: 14 Dec 2022 12:08

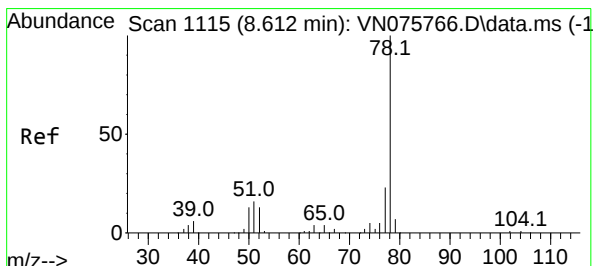
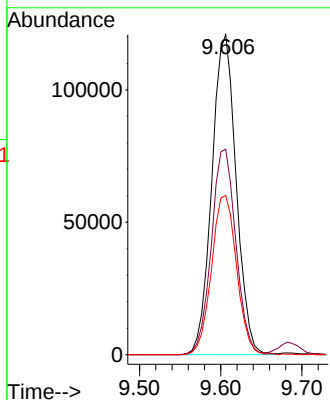
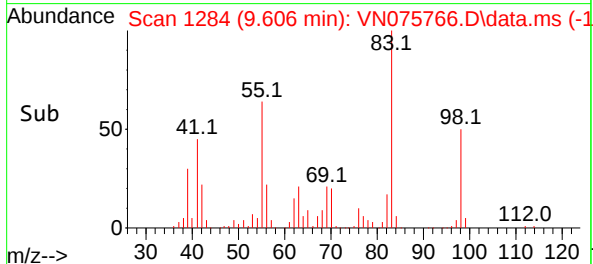
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



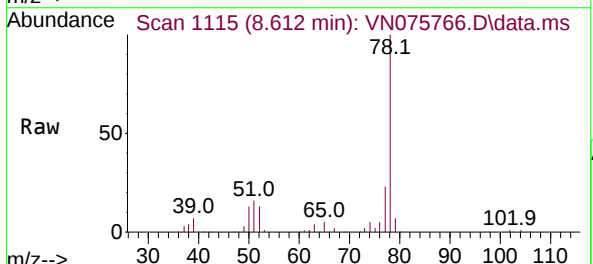
Tgt Ion: 83 Resp: 25154
Ion Ratio Lower Upper
83 100
55 64.2 51.6 77.4
98 49.8 39.8 59.8

Manual Integrations
APPROVED

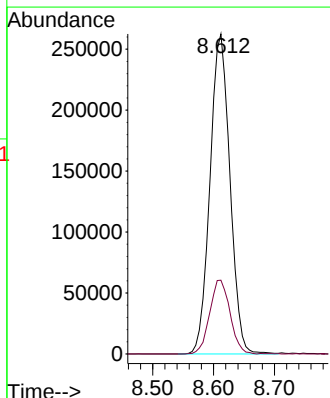
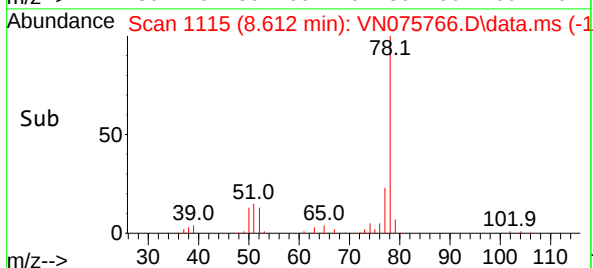
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

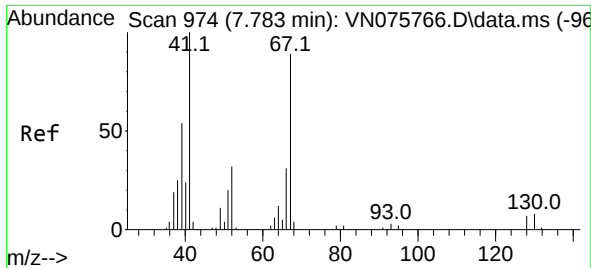


#40
Benzene
Concen: 52.450 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VN075766.D
Acq: 14 Dec 2022 12:08



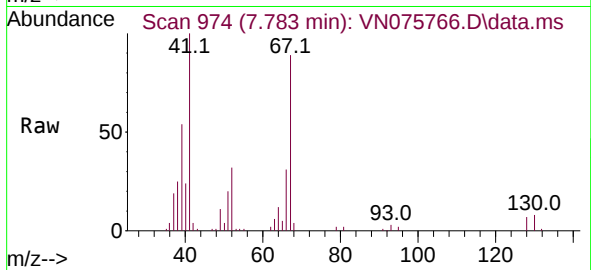
Tgt Ion: 78 Resp: 596986
Ion Ratio Lower Upper
78 100
77 23.1 19.1 28.7





#41
Methacrylonitrile
Concen: 56.335 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN075766.D
Acq: 14 Dec 2022 12:08

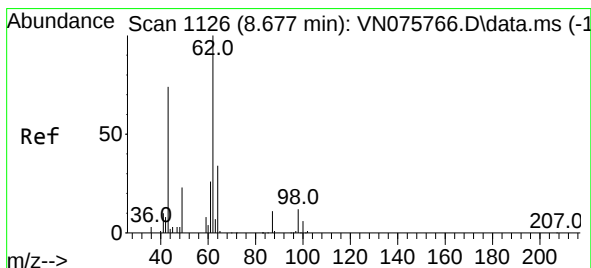
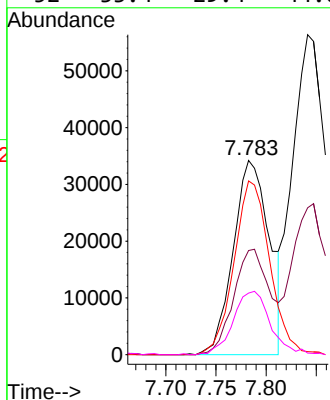
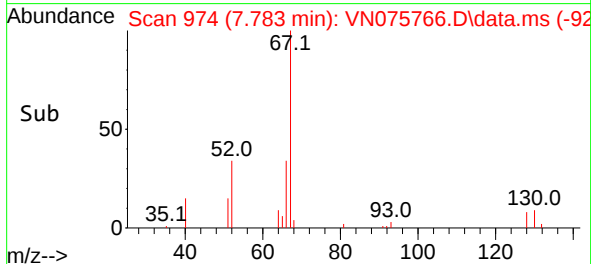
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



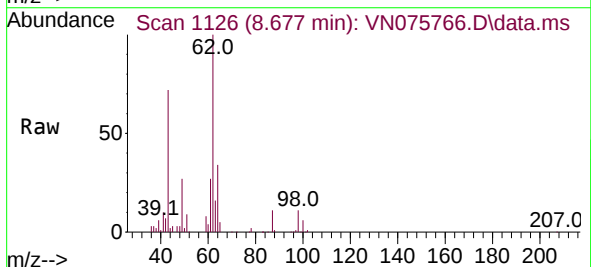
Tgt Ion: 41 Resp: 86015
Ion Ratio Lower Upper
41 100
39 53.9 46.3 69.5
67 88.4 74.0 111.0
52 33.4 29.4 44.0

Manual Integrations
APPROVED

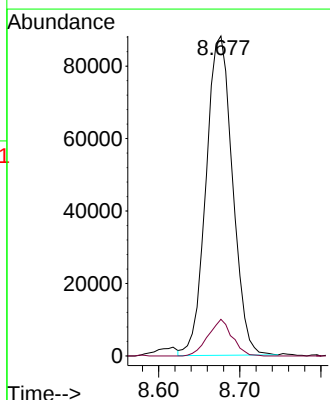
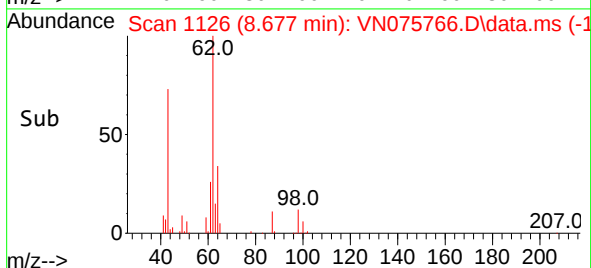
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

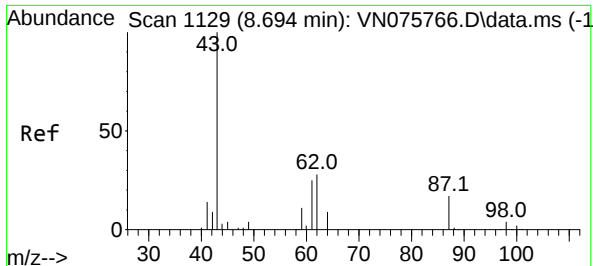


#42
1,2-Dichloroethane
Concen: 52.475 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN075766.D
Acq: 14 Dec 2022 12:08



Tgt Ion: 62 Resp: 199798
Ion Ratio Lower Upper
62 100
98 10.4 0.0 21.8





#43

Isopropyl Acetate

Concen: 53.899 ug/l

RT: 8.694 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VN075766.D

Acq: 14 Dec 2022 12:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 26794

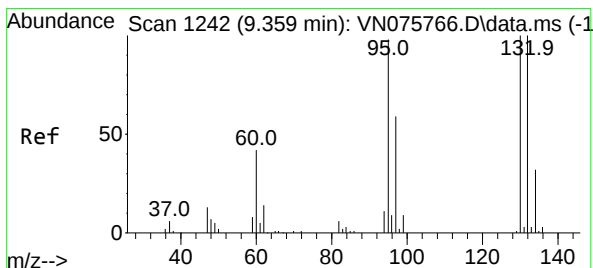
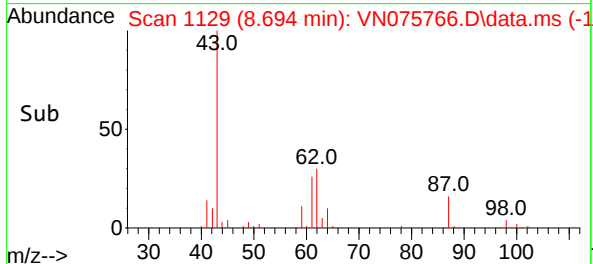
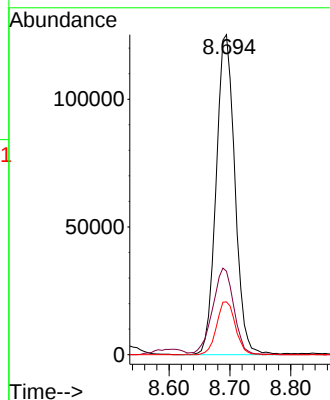
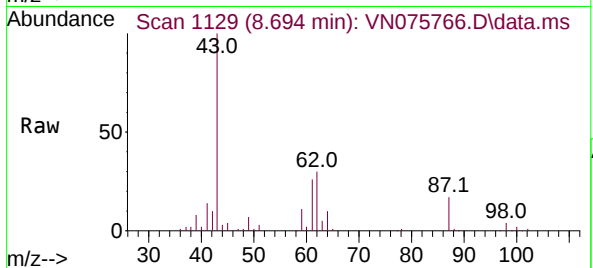
Ion	Ratio	Lower	Upper
43	100		
61	30.3	23.8	35.8
87	16.6	13.7	20.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#44

Trichloroethene

Concen: 49.799 ug/l

RT: 9.359 min Scan# 1242

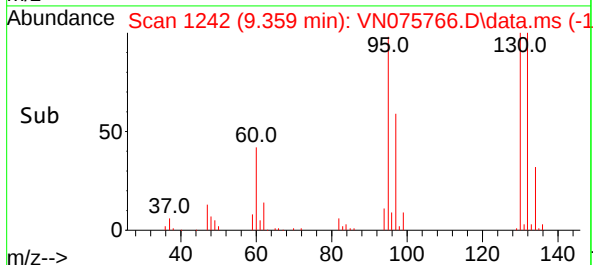
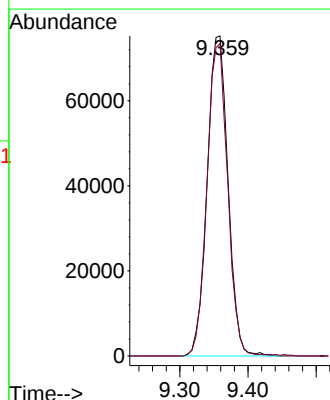
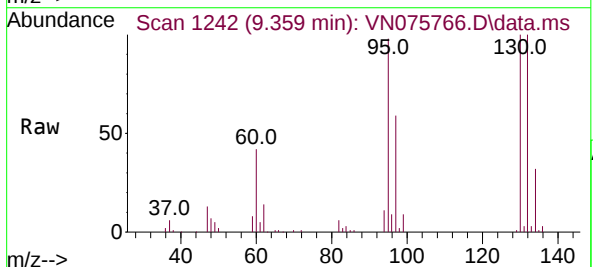
Delta R.T. 0.006 min

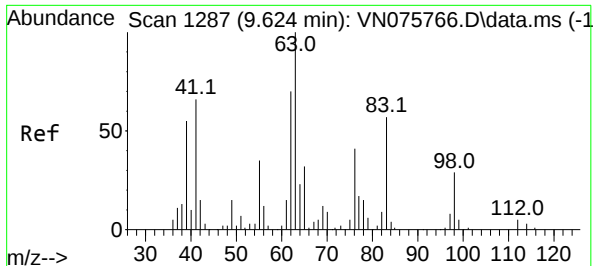
Lab File: VN075766.D

Acq: 14 Dec 2022 12:08

Tgt Ion:130 Resp: 159905

Ion	Ratio	Lower	Upper
130	100		
95	97.7	0.0	176.8





#45

1,2-Dichloropropane

Concen: 53.334 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. 0.000 min

Lab File: VN075766.D

Acq: 14 Dec 2022 12:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 63 Resp: 14437

Ion Ratio Lower Upper

63 100

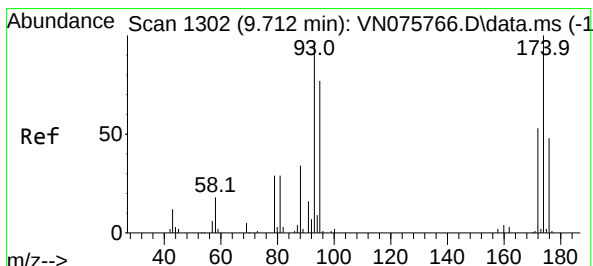
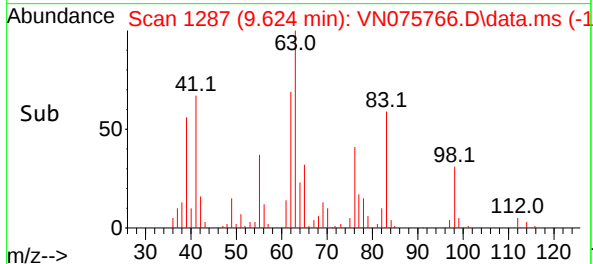
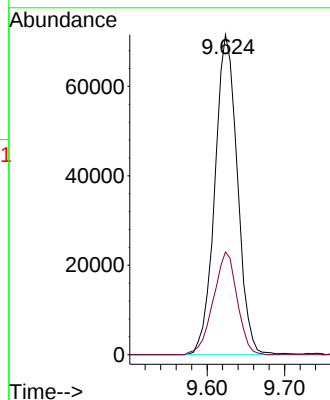
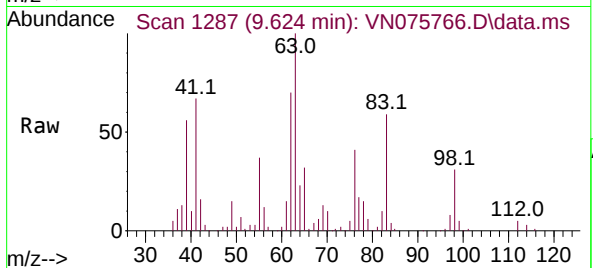
65 32.1 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#46

Dibromomethane

Concen: 53.806 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. 0.000 min

Lab File: VN075766.D

Acq: 14 Dec 2022 12:08

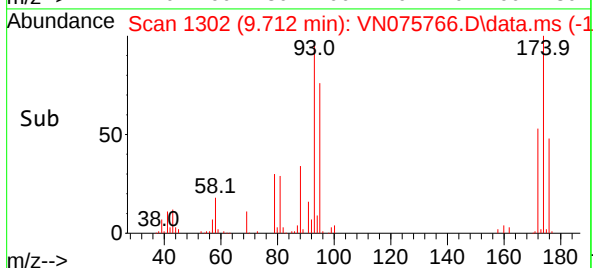
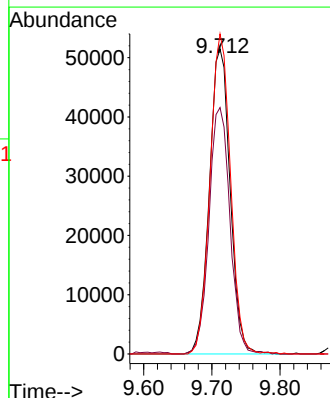
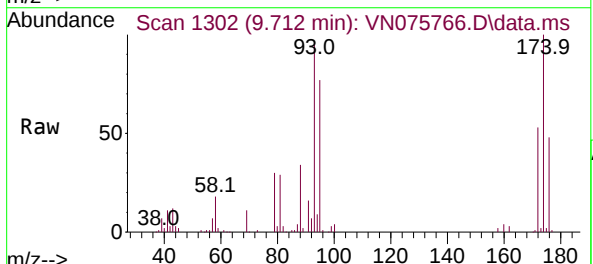
Tgt Ion: 93 Resp: 109354

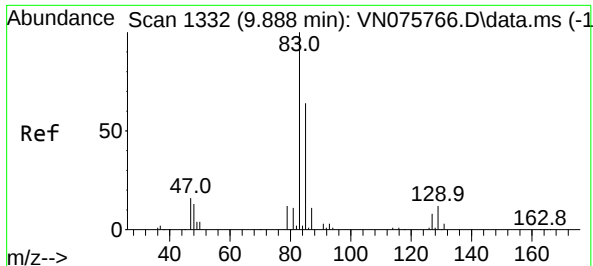
Ion Ratio Lower Upper

93 100

95 81.5 67.3 100.9

174 103.0 85.0 127.6





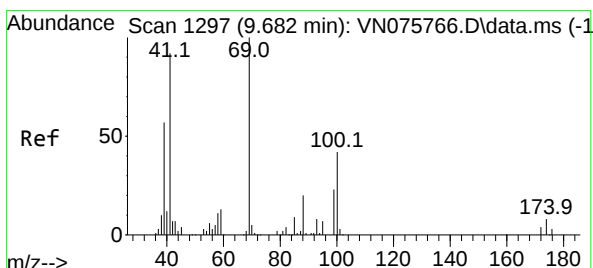
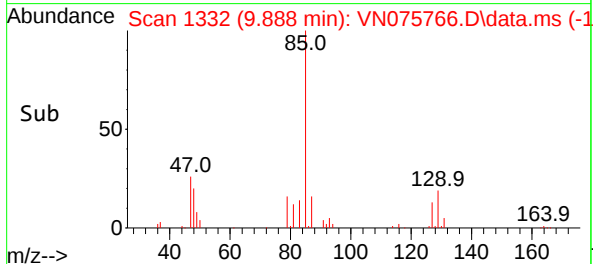
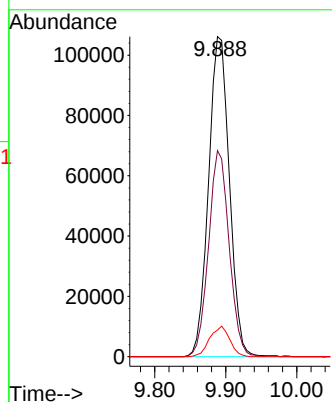
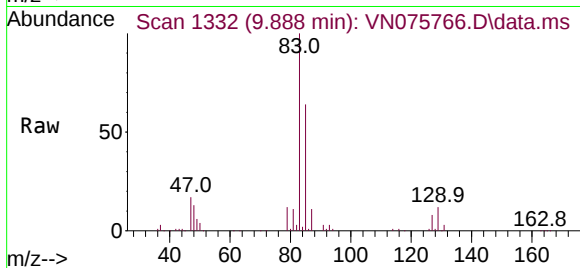
#47
Bromodichloromethane
Concen: 54.355 ug/l
RT: 9.888 min Scan# 1332
Delta R.T. -0.006 min
Lab File: VN075766.D
Acq: 14 Dec 2022 12:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 216599
Ion Ratio Lower Upper
83 100
85 64.4 48.0 72.0
127 8.3 7.4 11.2

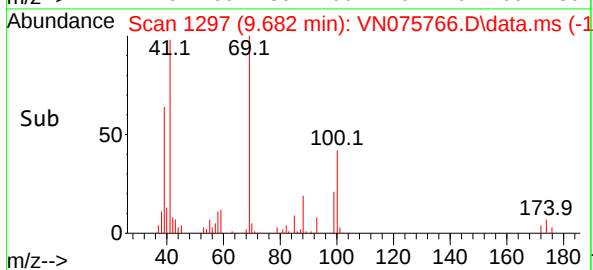
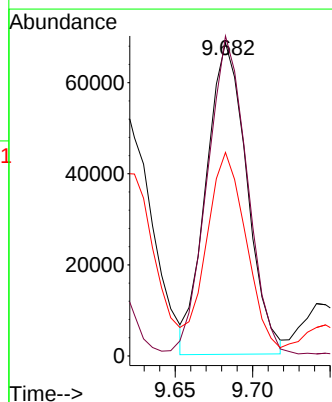
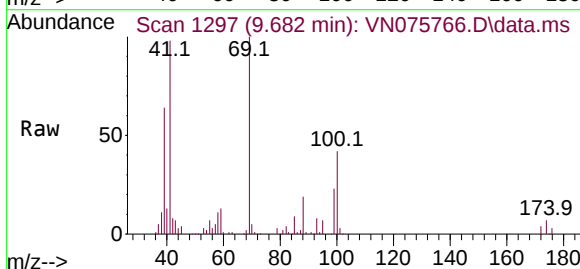
Manual Integrations
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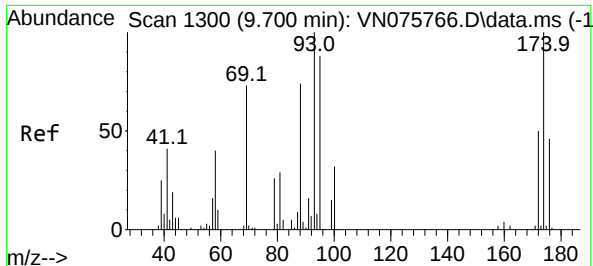
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#48
Methyl methacrylate
Concen: 54.535 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN075766.D
Acq: 14 Dec 2022 12:08

Tgt Ion: 41 Resp: 124860
Ion Ratio Lower Upper
41 100
69 102.4 82.5 123.7
39 64.5 53.2 79.8





#49

1,4-Dioxane

Concen: 1062.681 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN075766.D

Acq: 14 Dec 2022 12:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

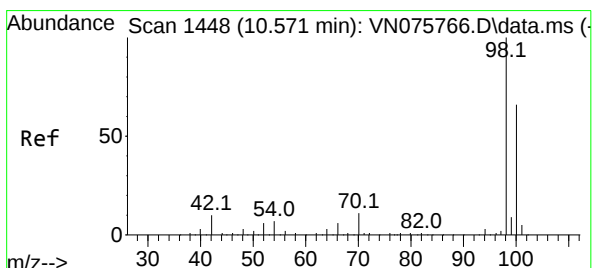
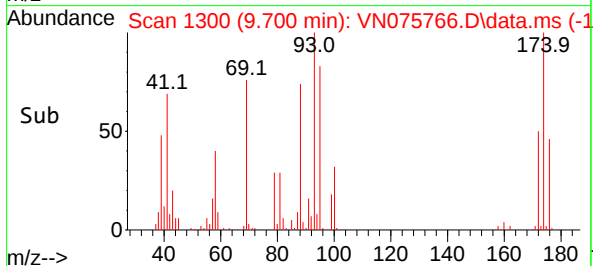
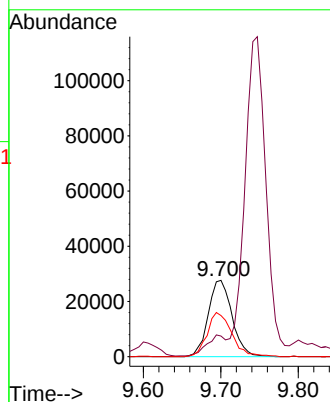
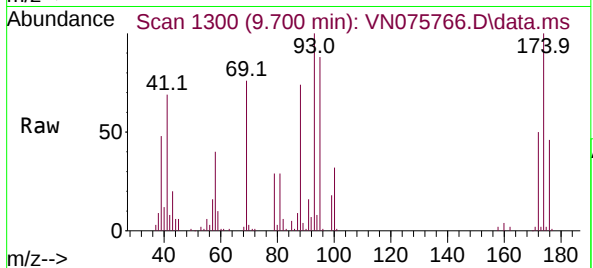
Tgt Ion:	88	Resp:	5914
Ion	Ratio	Lower	Upper
88	100		
43	21.4	17.4	26.0
58	59.8	46.8	70.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#50

Toluene-d8

Concen: 52.297 ug/l

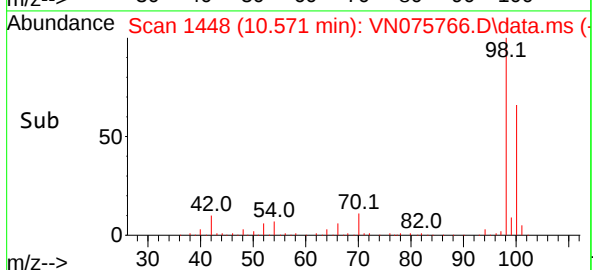
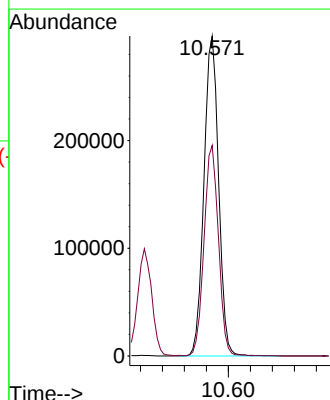
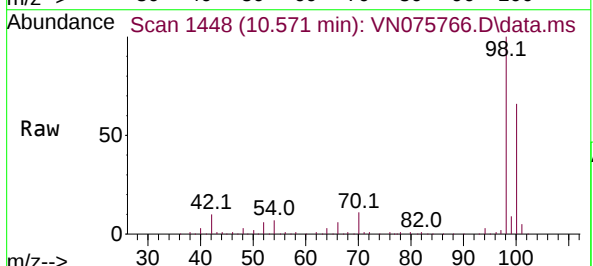
RT: 10.571 min Scan# 1448

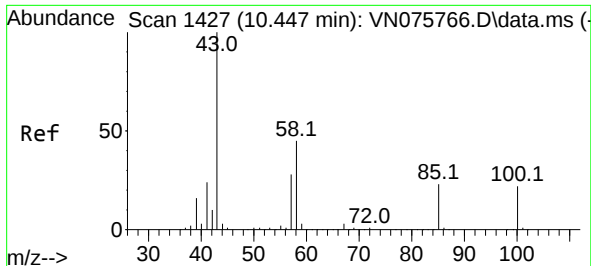
Delta R.T. 0.000 min

Lab File: VN075766.D

Acq: 14 Dec 2022 12:08

Tgt Ion:	98	Resp:	548557
Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.6	78.8





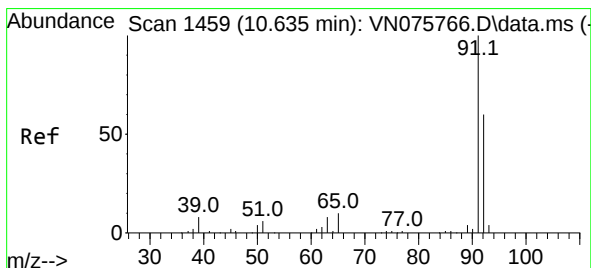
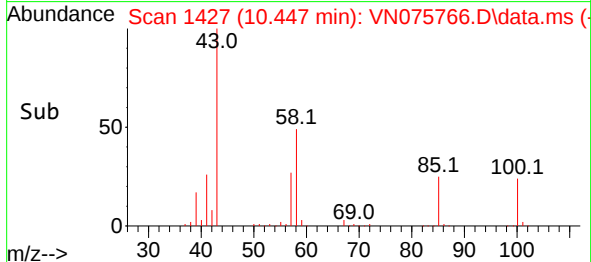
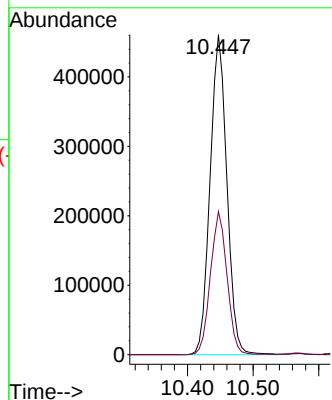
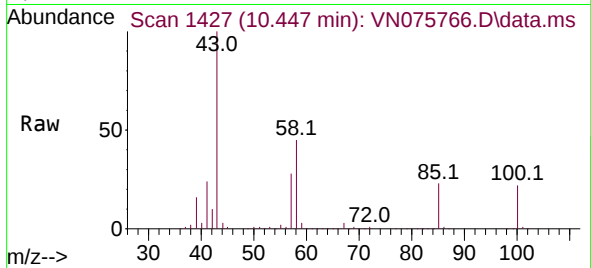
#51
4-Methyl-2-Pentanone
Concen: 267.246 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075766.D
Acq: 14 Dec 2022 12:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 819190
Ion Ratio Lower Upper
43 100
58 44.4 35.0 52.6

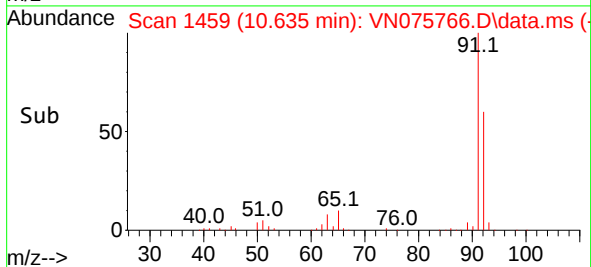
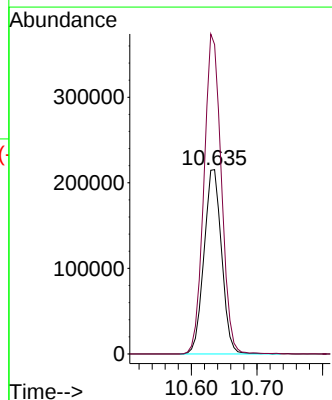
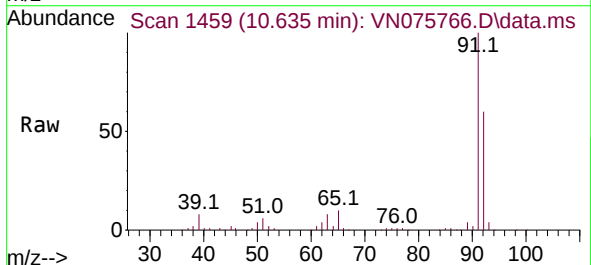
Manual Integrations
APPROVED

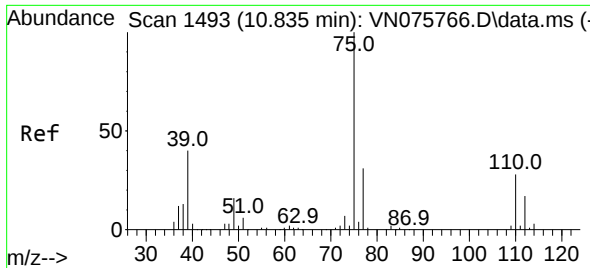
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#52
Toluene
Concen: 53.511 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VN075766.D
Acq: 14 Dec 2022 12:08

Tgt Ion: 92 Resp: 402573
Ion Ratio Lower Upper
92 100
91 171.6 137.9 206.9





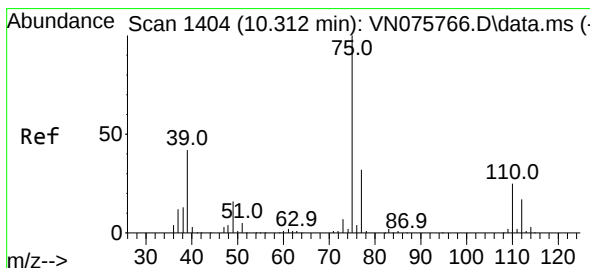
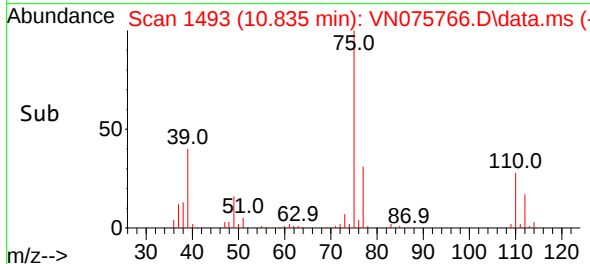
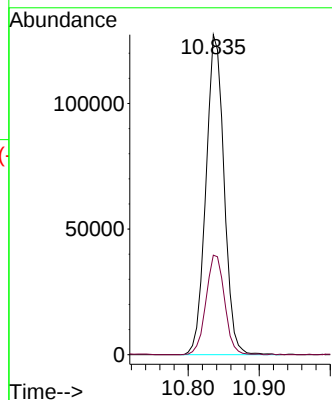
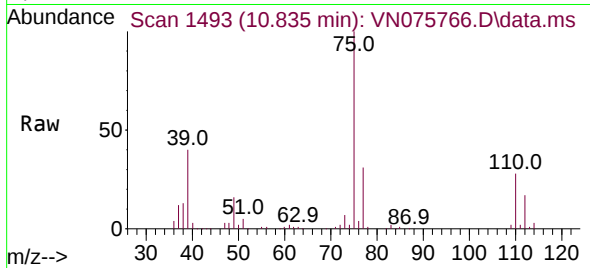
#53
 t-1,3-Dichloropropene
 Concen: 57.429 ug/l
 RT: 10.835 min Scan# 1493
 Delta R.T. 0.000 min
 Lab File: VN075766.D
 Acq: 14 Dec 2022 12:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 75 Resp: 226010
 Ion Ratio Lower Upper
 75 100
 77 31.1 24.3 36.5

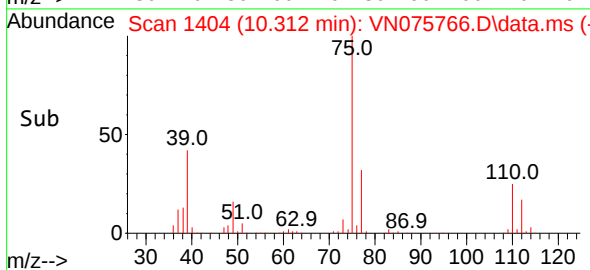
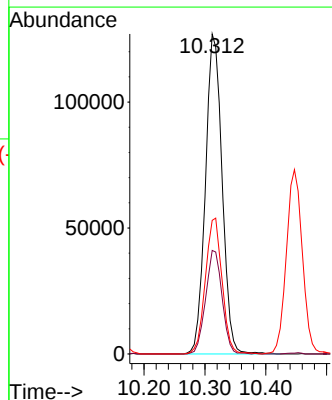
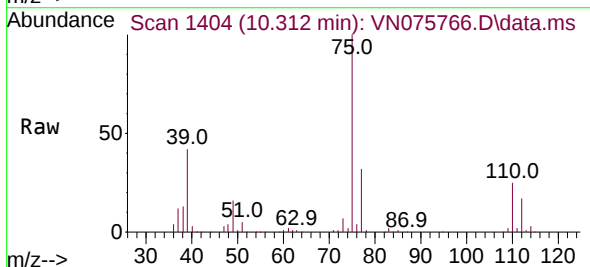
Manual Integrations
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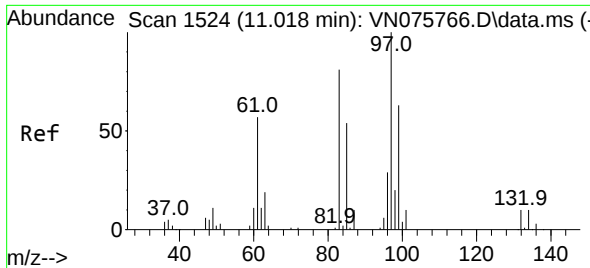
Reviewed By :John Carlone 12/15/2022
 Supervised By :Mahesh Dadoda 12/15/2022



#54
 cis-1,3-Dichloropropene
 Concen: 55.207 ug/l
 RT: 10.312 min Scan# 1404
 Delta R.T. 0.000 min
 Lab File: VN075766.D
 Acq: 14 Dec 2022 12:08

Tgt Ion: 75 Resp: 241731
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.3 37.9
 39 41.8 32.0 48.0





#55
1,1,2-Trichloroethane
Concen: 52.597 ug/l
RT: 11.018 min Scan# 15558
Delta R.T. 0.000 min
Lab File: VN075766.D
Acq: 14 Dec 2022 12:08

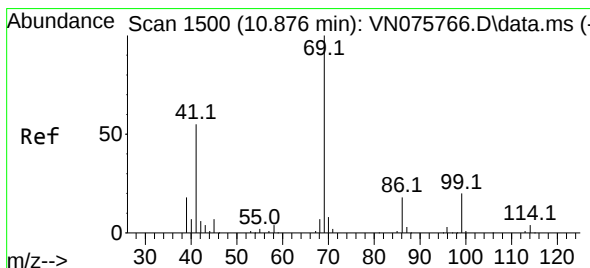
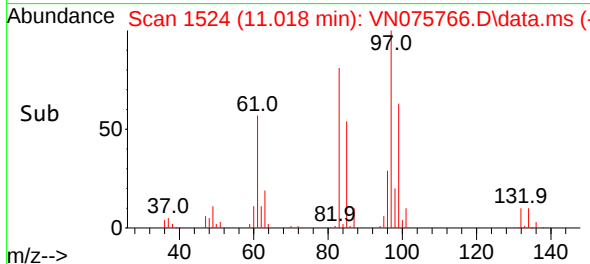
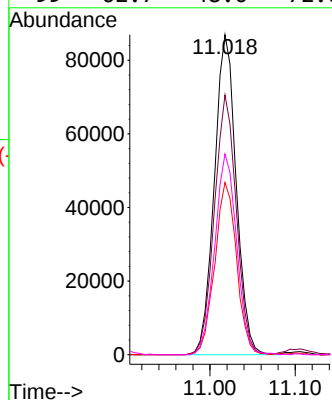
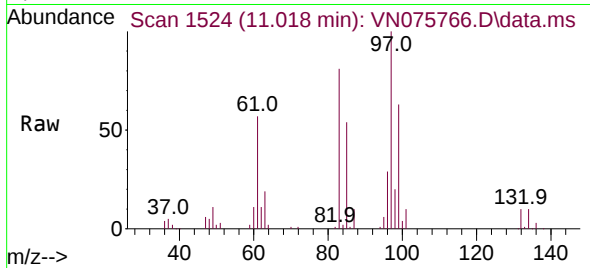
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 97 Resp: 15558

Ion	Ratio	Lower	Upper
97	100		
83	81.2	62.7	94.1
85	53.8	41.8	62.6
99	62.7	48.0	72.0

Manual Integrations
APPROVED

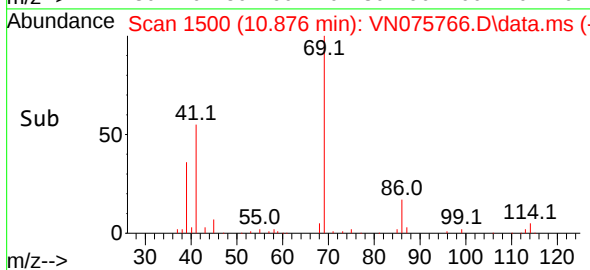
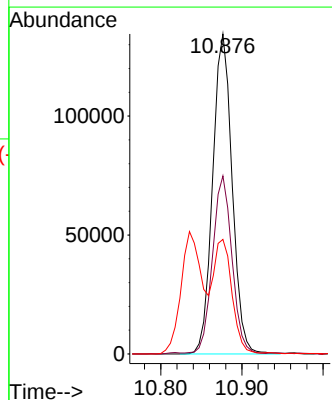
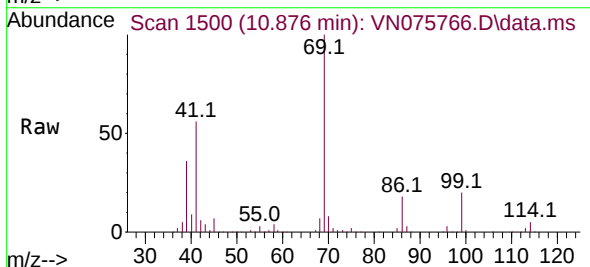
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

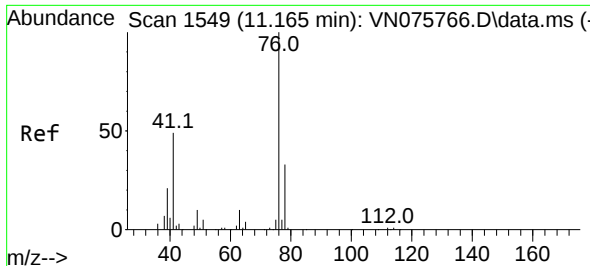


#56
Ethyl methacrylate
Concen: 55.943 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN075766.D
Acq: 14 Dec 2022 12:08

Tgt Ion: 69 Resp: 224223

Ion	Ratio	Lower	Upper
69	100		
41	55.3	44.1	66.1
39	33.0	27.7	41.5





#57

1,3-Dichloropropane

Concen: 53.235 ug/l

RT: 11.165 min Scan# 1549

Delta R.T. 0.000 min

Lab File: VN075766.D

Acq: 14 Dec 2022 12:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 76 Resp: 25451

Ion Ratio Lower Upper

76 100

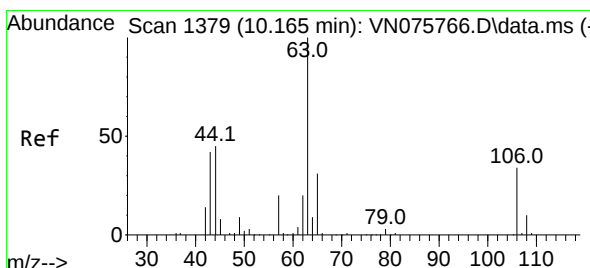
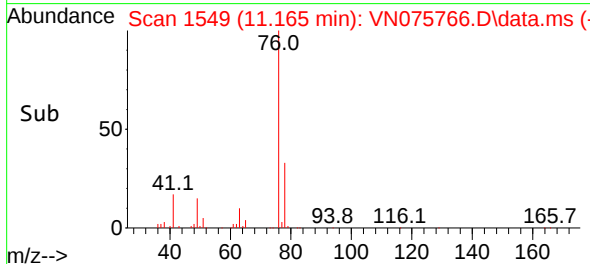
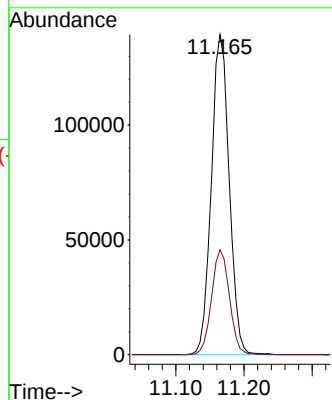
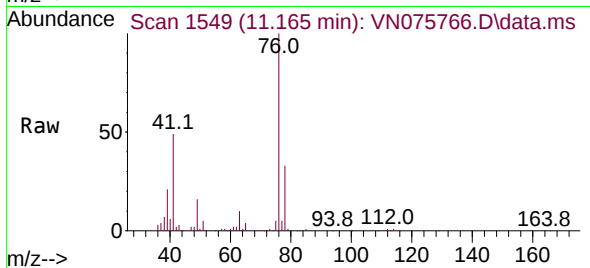
78 32.7 26.8 40.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#58

2-Chloroethyl Vinyl ether

Concen: 290.398 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. 0.000 min

Lab File: VN075766.D

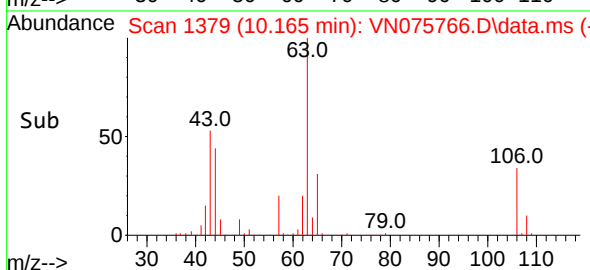
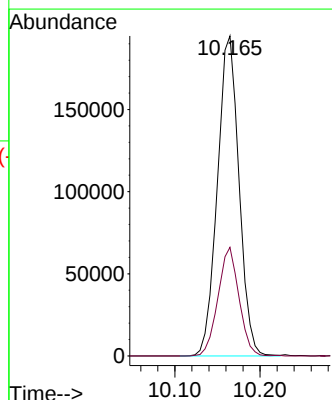
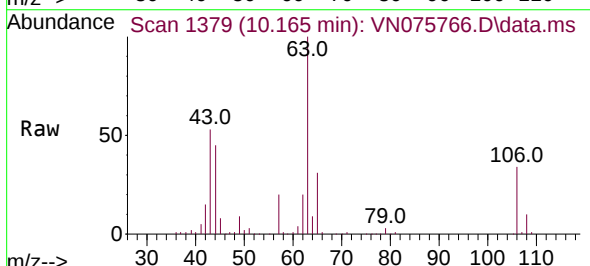
Acq: 14 Dec 2022 12:08

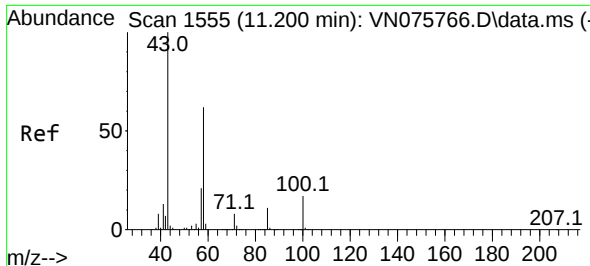
Tgt Ion: 63 Resp: 343661

Ion Ratio Lower Upper

63 100

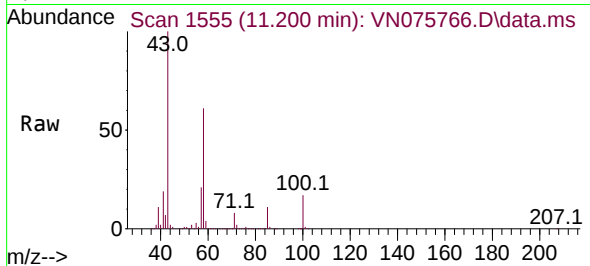
106 33.0 26.6 40.0





#59
2-Hexanone
Concen: 271.588 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN075766.D
Acq: 14 Dec 2022 12:08

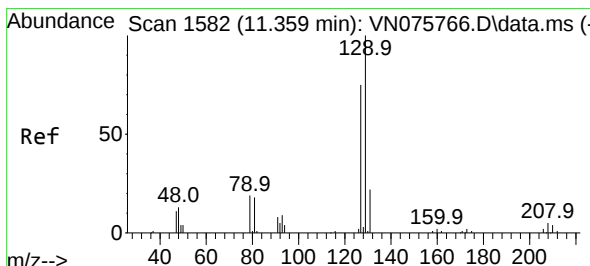
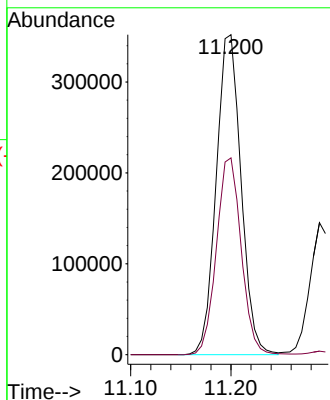
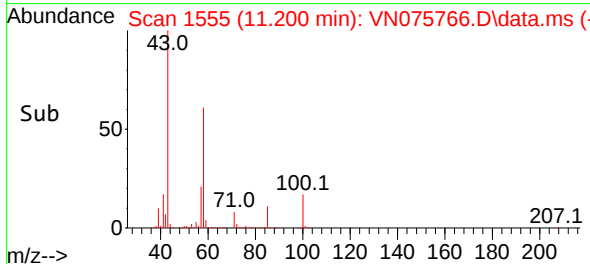
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 604830
Ion Ratio Lower Upper
43 100
58 61.3 30.9 92.5

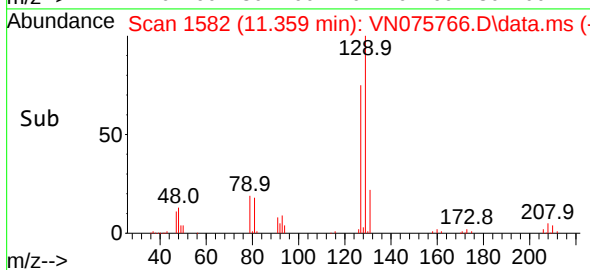
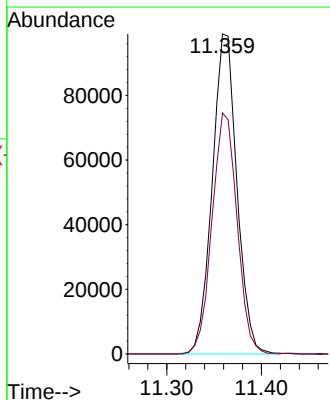
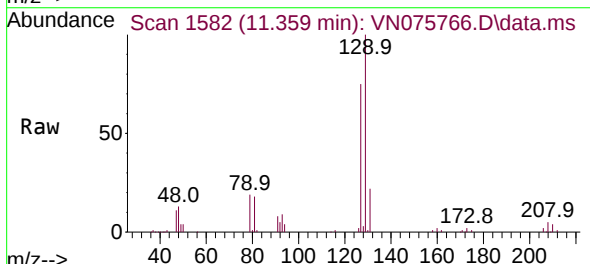
Manual Integrations
APPROVED

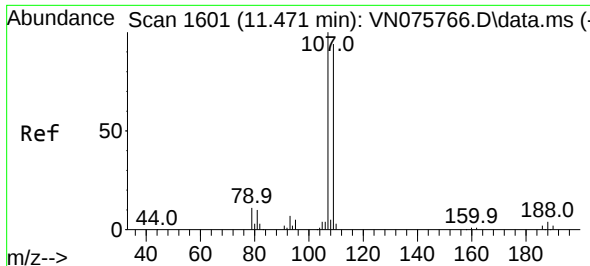
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#60
Dibromochloromethane
Concen: 55.097 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VN075766.D
Acq: 14 Dec 2022 12:08

Tgt Ion:129 Resp: 179339
Ion Ratio Lower Upper
129 100
127 76.6 38.6 116.0





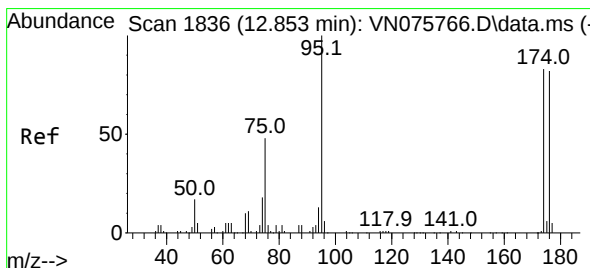
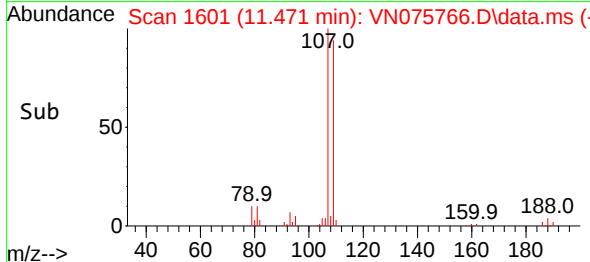
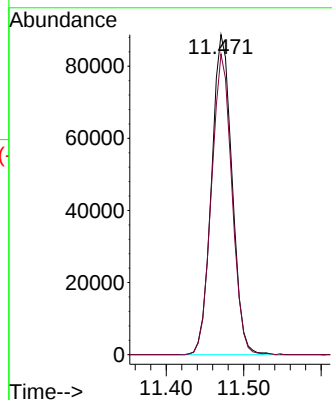
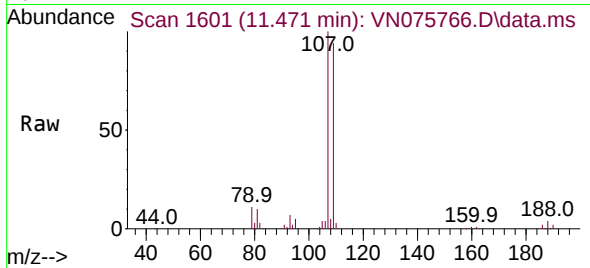
#61
1,2-Dibromoethane
Concen: 52.538 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN075766.D
Acq: 14 Dec 2022 12:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:107 Resp: 162818
Ion Ratio Lower Upper
107 100
109 93.5 75.4 113.2

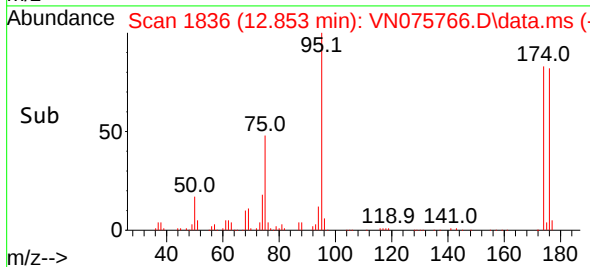
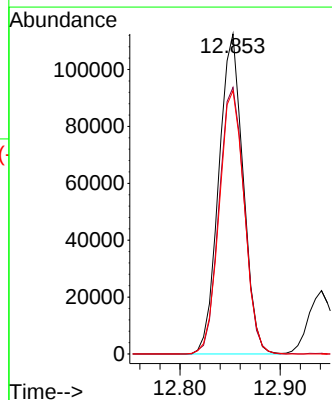
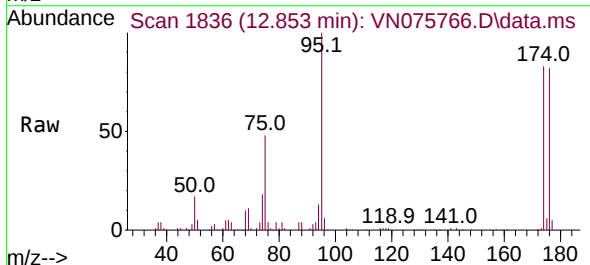
Manual Integrations
APPROVED

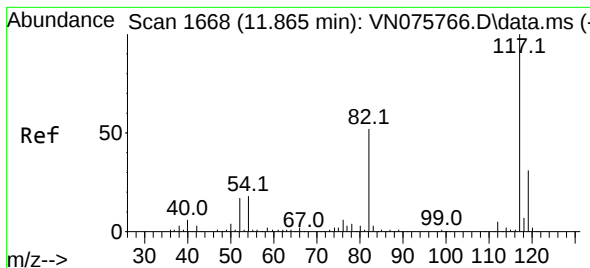
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#62
4-Bromofluorobenzene
Concen: 52.871 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075766.D
Acq: 14 Dec 2022 12:08

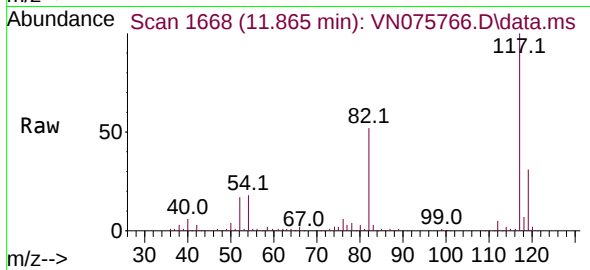
Tgt Ion: 95 Resp: 189613
Ion Ratio Lower Upper
95 100
174 85.8 0.0 178.6
176 84.6 0.0 170.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN075766.D
Acq: 14 Dec 2022 12:08

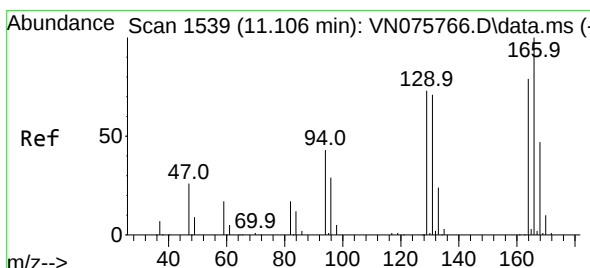
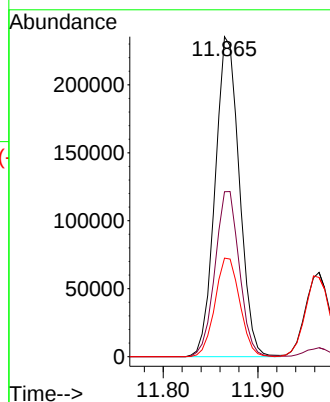
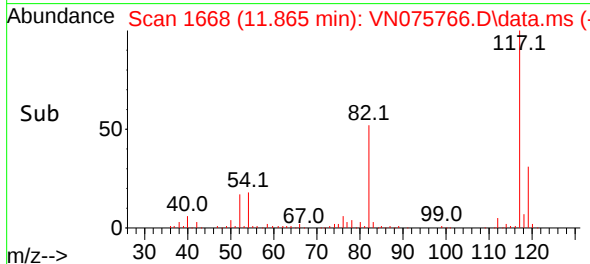
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:117 Resp: 418074
Ion Ratio Lower Upper
117 100
82 51.6 41.8 62.8
119 30.8 25.8 38.6

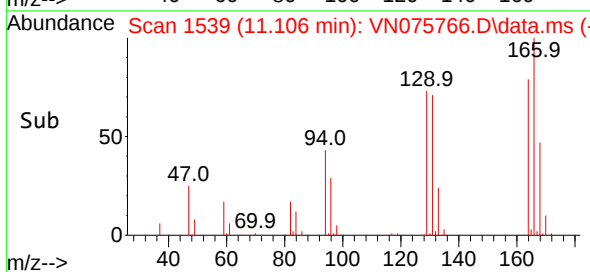
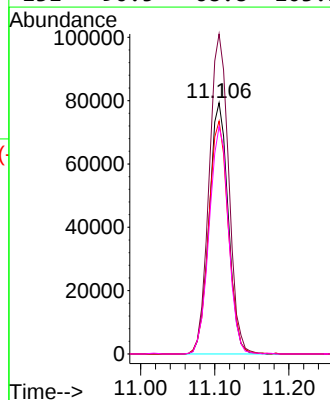
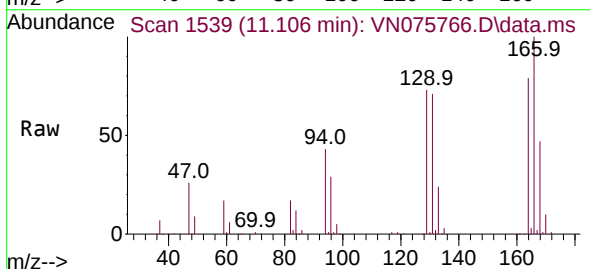
Manual Integrations
APPROVED

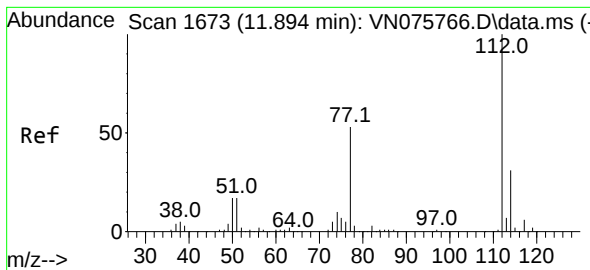
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#64
Tetrachloroethene
Concen: 46.669 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN075766.D
Acq: 14 Dec 2022 12:08

Tgt Ion:164 Resp: 142118
Ion Ratio Lower Upper
164 100
166 127.4 100.3 150.5
129 92.7 73.9 110.9
131 90.5 68.8 103.2





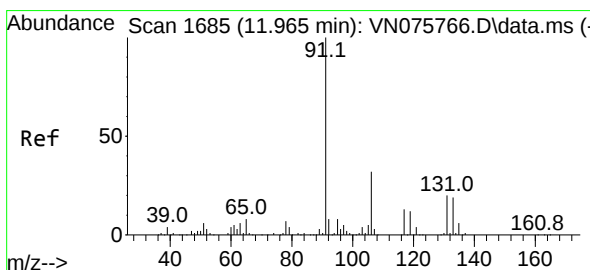
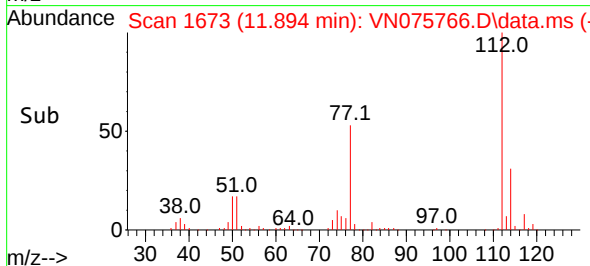
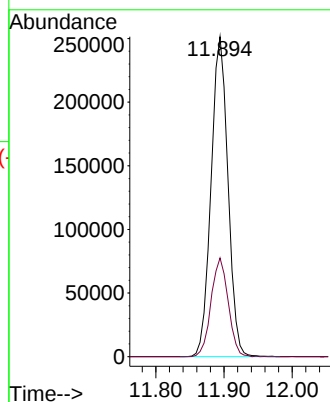
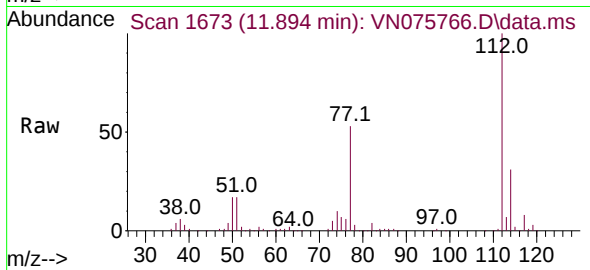
#65
Chlorobenzene
Concen: 50.411 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075766.D
Acq: 14 Dec 2022 12:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:112 Resp: 43363
Ion Ratio Lower Upper
112 100
114 30.9 25.5 38.3

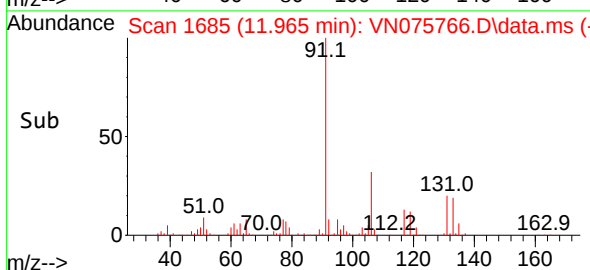
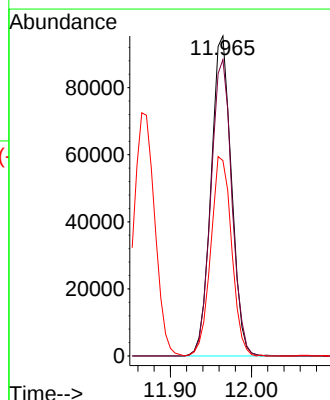
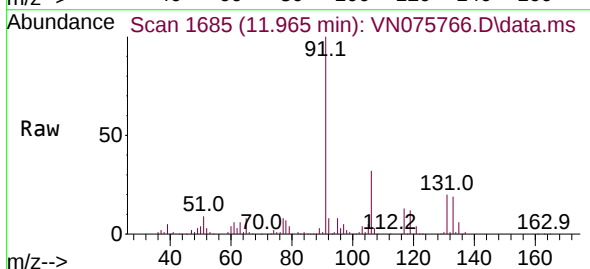
Manual Integrations
APPROVED

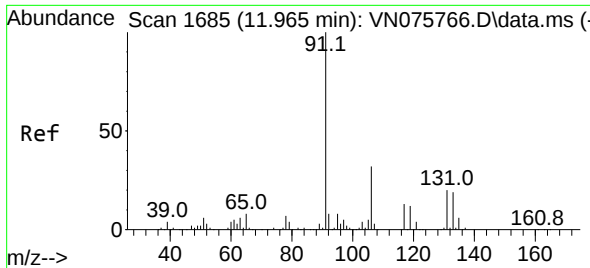
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 53.197 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN075766.D
Acq: 14 Dec 2022 12:08

Tgt Ion:131 Resp: 166488
Ion Ratio Lower Upper
131 100
133 95.0 47.5 142.6
119 63.8 32.5 97.4





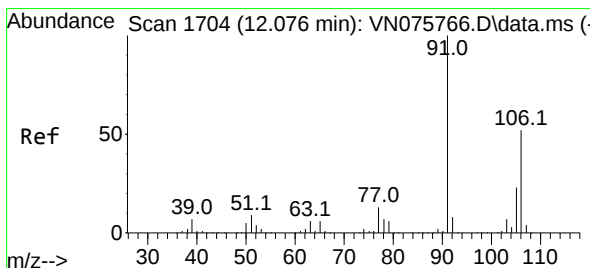
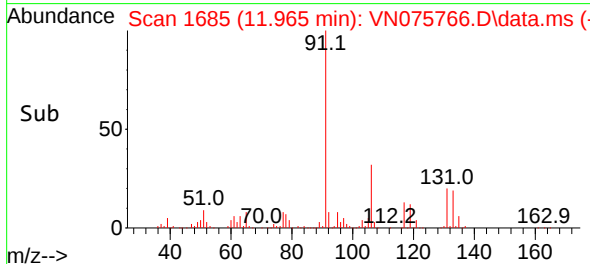
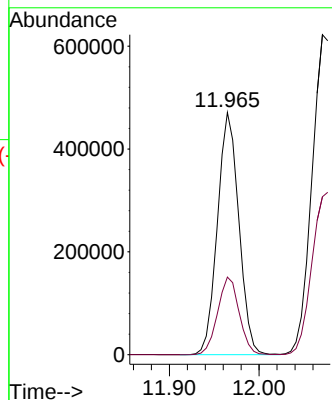
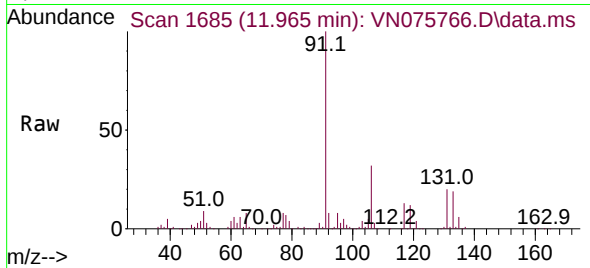
#67
Ethyl Benzene
Concen: 53.554 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN075766.D
Acq: 14 Dec 2022 12:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 779318
Ion Ratio Lower Upper
91 100
106 32.1 26.9 40.3

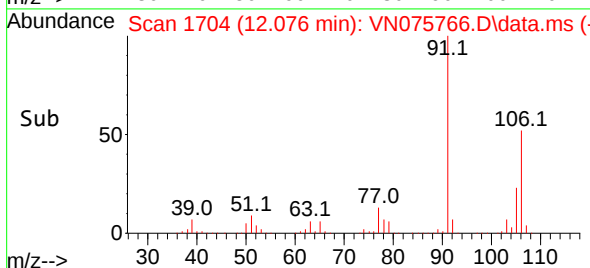
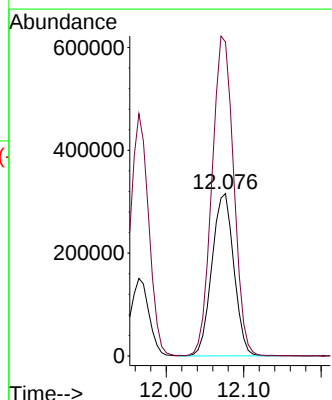
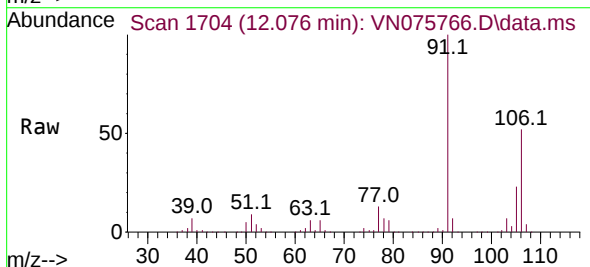
Manual Integrations
APPROVED

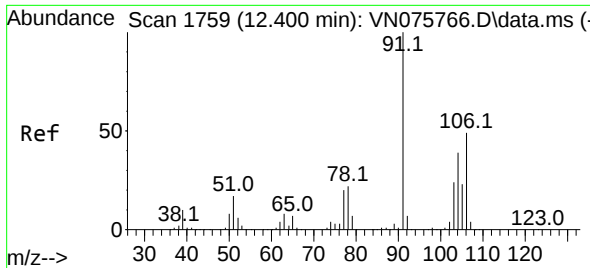
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#68
m/p-Xylenes
Concen: 105.359 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VN075766.D
Acq: 14 Dec 2022 12:08

Tgt Ion:106 Resp: 619498
Ion Ratio Lower Upper
106 100
91 195.8 156.2 234.4





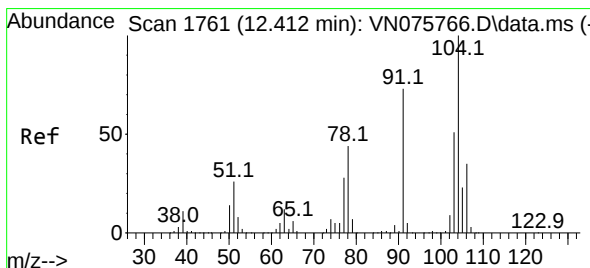
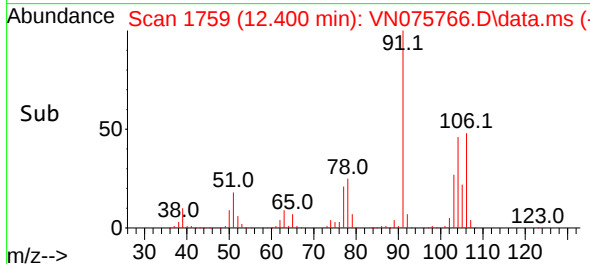
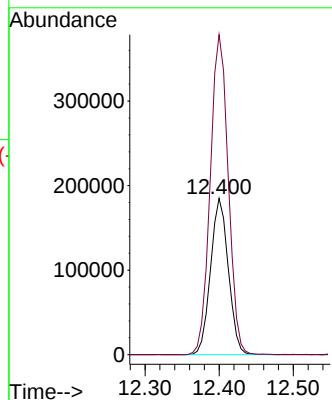
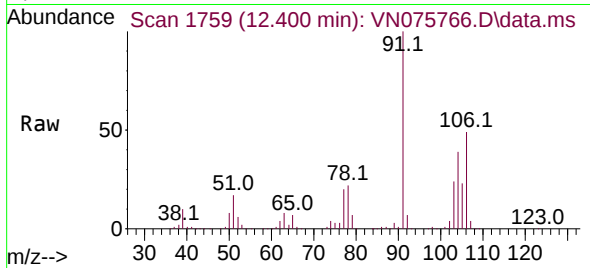
#69
o-Xylene
Concen: 53.939 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN075766.D
Acq: 14 Dec 2022 12:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 307760
Ion Ratio Lower Upper
106 100
91 207.7 102.8 308.5

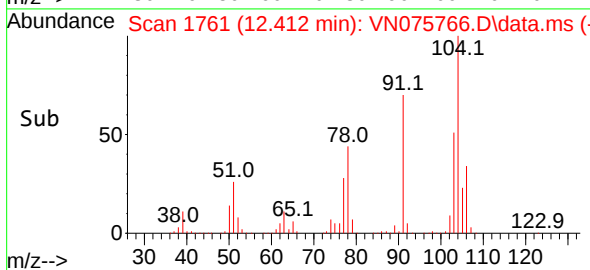
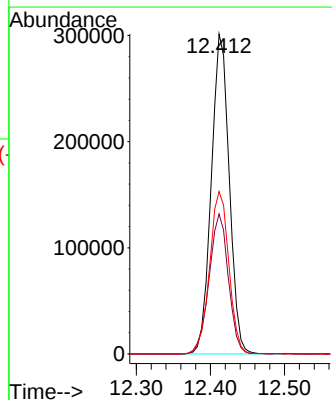
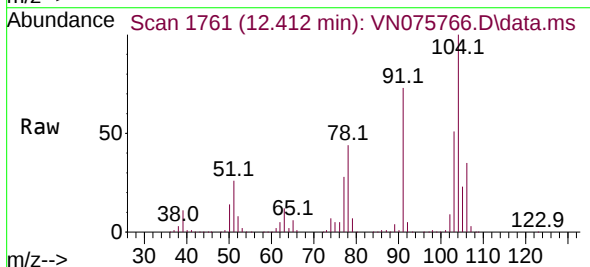
Manual Integrations
APPROVED

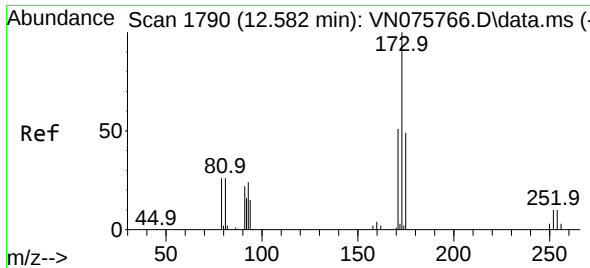
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#70
Styrene
Concen: 55.398 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VN075766.D
Acq: 14 Dec 2022 12:08

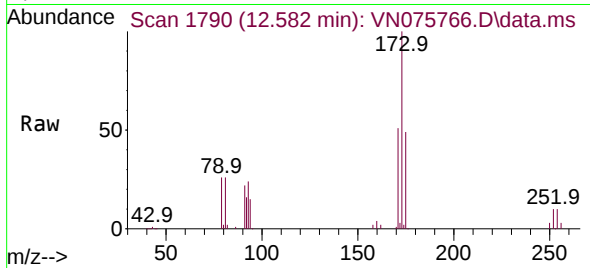
Tgt Ion:104 Resp: 506960
Ion Ratio Lower Upper
104 100
78 46.9 36.7 55.1
103 54.4 44.0 66.0





#71
Bromoform
Concen: 54.926 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VN075766.D
Acq: 14 Dec 2022 12:08

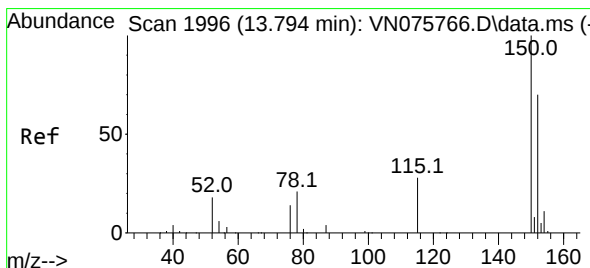
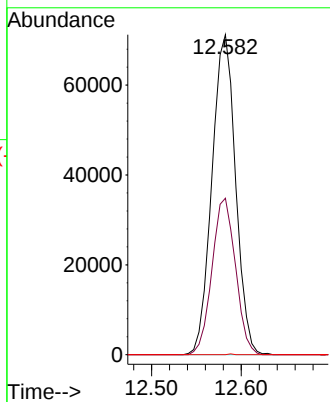
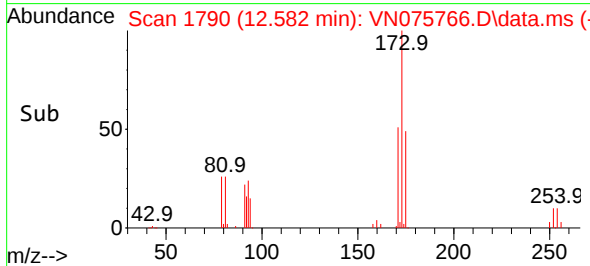
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



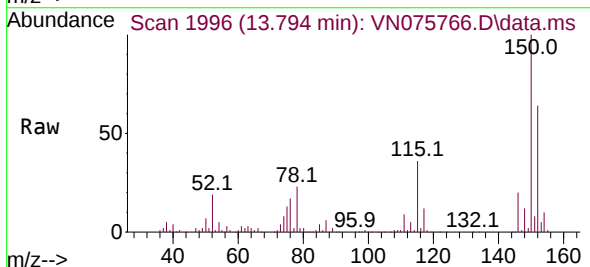
Tgt Ion:173 Resp: 13029
Ion Ratio Lower Upper
173 100
175 48.5 23.8 71.2
254 0.0 0.0 0.0

Manual Integrations
APPROVED

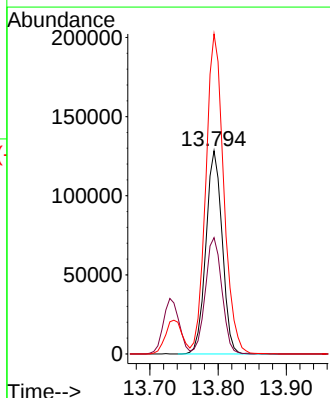
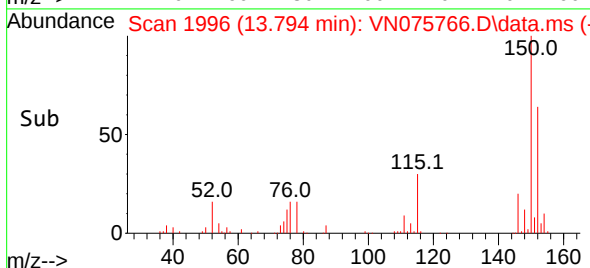
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

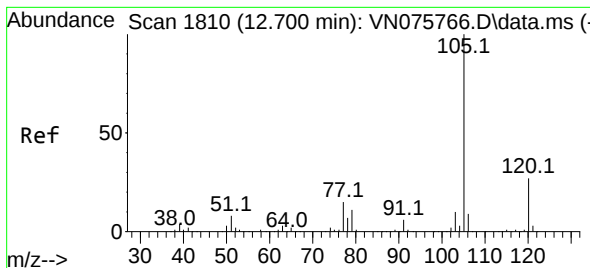


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075766.D
Acq: 14 Dec 2022 12:08



Tgt Ion:152 Resp: 213417
Ion Ratio Lower Upper
152 100
115 58.3 28.4 85.2
150 173.5 0.0 347.6





#73

Isopropylbenzene

Concen: 52.326 ug/l

RT: 12.700 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VN075766.D

Acq: 14 Dec 2022 12:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion:105 Resp: 80183

Ion Ratio Lower Upper

105 100

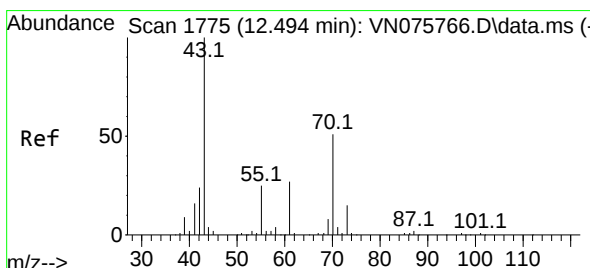
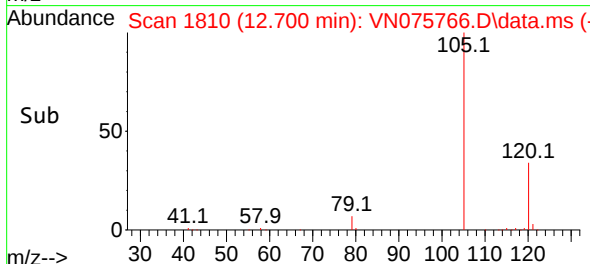
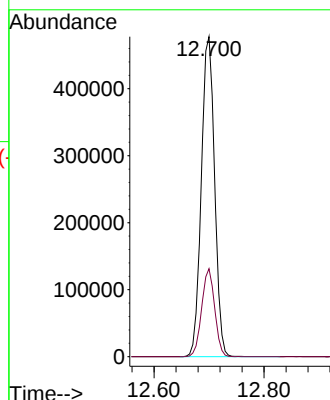
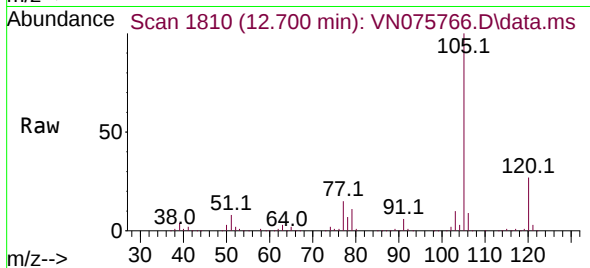
120 26.8 13.4 40.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#74

N-ethyl acetate

Concen: 55.645 ug/l

RT: 12.494 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VN075766.D

Acq: 14 Dec 2022 12:08

Tgt Ion: 43 Resp: 247755

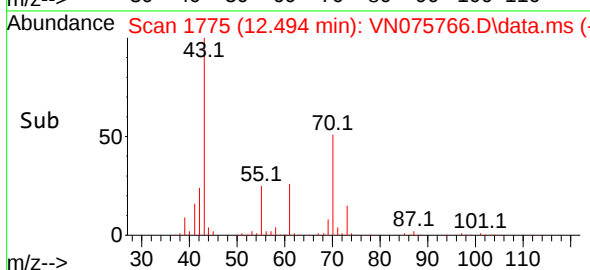
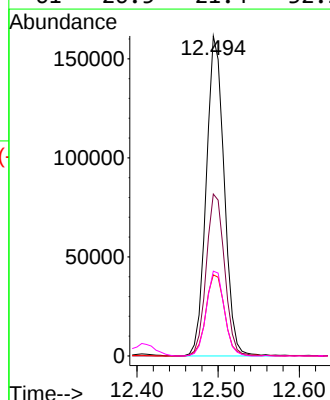
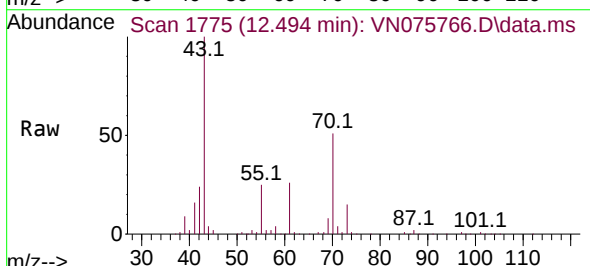
Ion Ratio Lower Upper

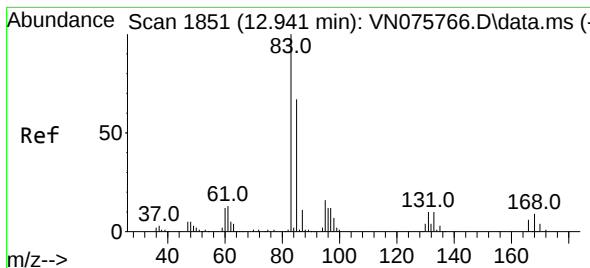
43 100

70 51.7 41.0 61.6

55 26.6 20.7 31.1

61 26.5 21.4 32.2





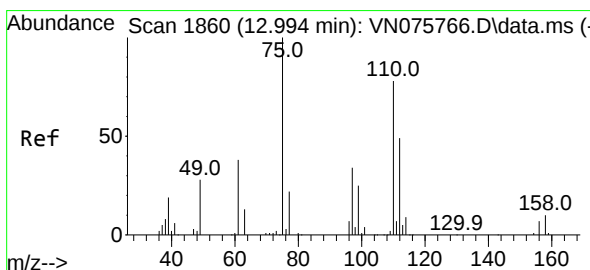
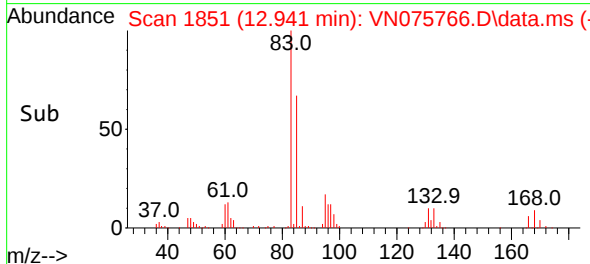
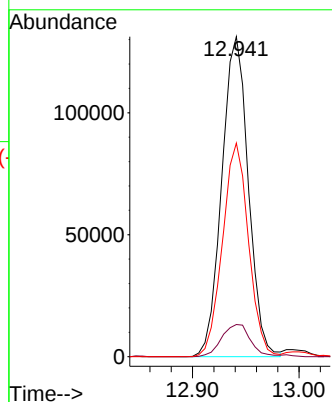
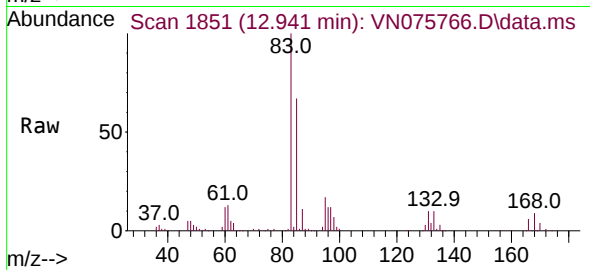
#75
1,1,2,2-Tetrachloroethane
Concen: 49.356 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN075766.D
Acq: 14 Dec 2022 12:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 227193
Ion Ratio Lower Upper
83 100
131 11.2 5.6 16.8
85 65.3 32.6 97.7

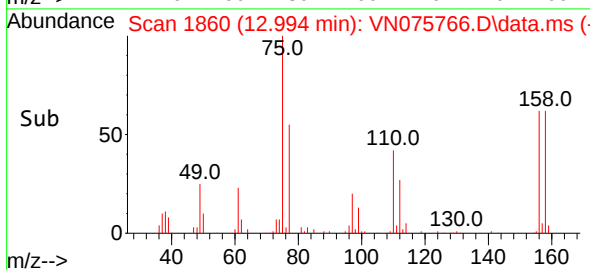
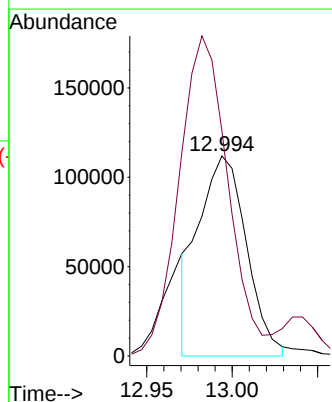
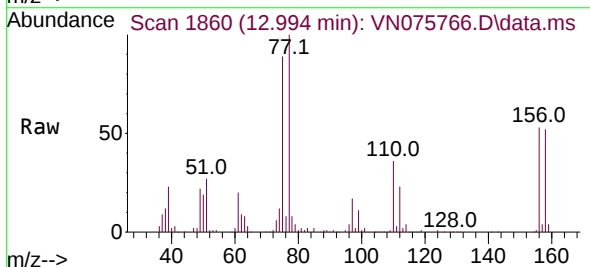
Manual Integrations
APPROVED

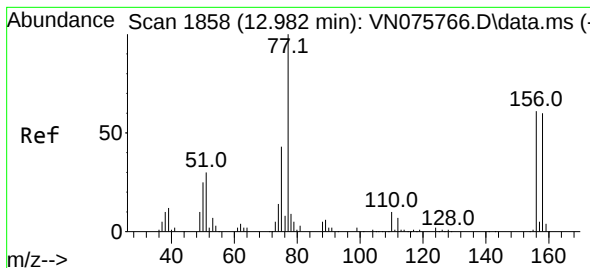
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#76
1,2,3-Trichloropropane
Concen: 50.703 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN075766.D
Acq: 14 Dec 2022 12:08

Tgt Ion: 75 Resp: 217308
Ion Ratio Lower Upper
75 100
77 165.2 81.8 245.4





#77

Bromobenzene

Concen: 49.677 ug/l

RT: 12.982 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VN075766.D

Acq: 14 Dec 2022 12:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

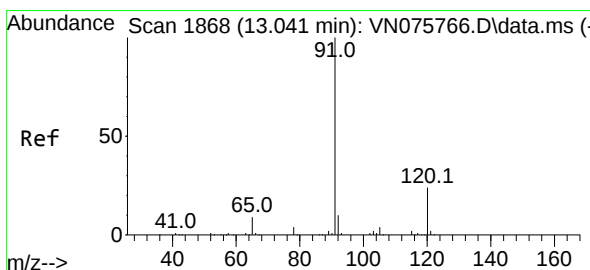
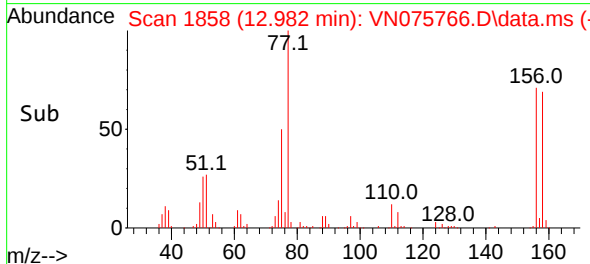
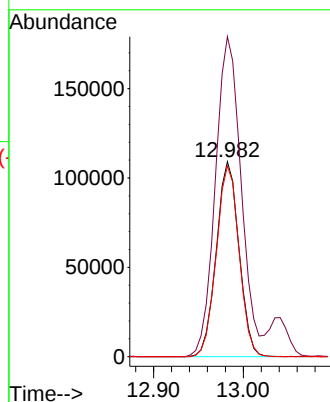
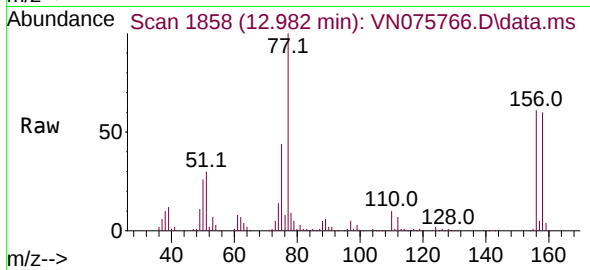
Tgt Ion:156 Resp: 191438
 Ion Ratio Lower Upper
 156 100
 77 187.5 90.8 272.5
 158 97.7 49.3 147.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#78

n-propylbenzene

Concen: 53.651 ug/l

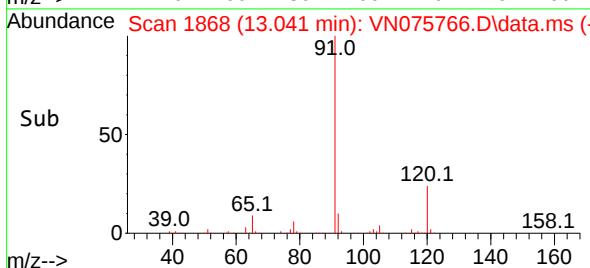
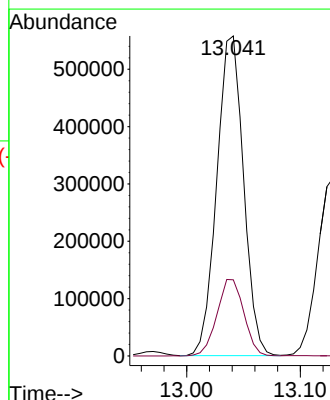
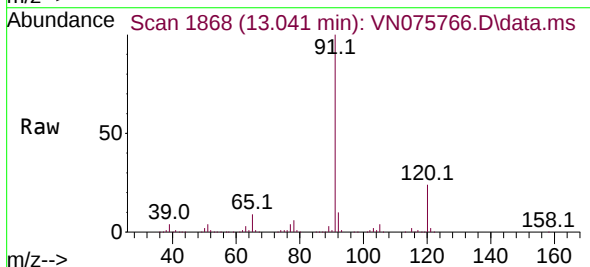
RT: 13.041 min Scan# 1868

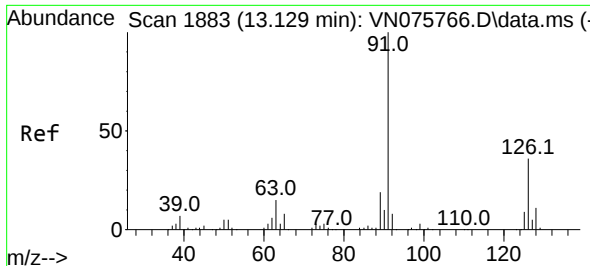
Delta R.T. 0.000 min

Lab File: VN075766.D

Acq: 14 Dec 2022 12:08

Tgt Ion: 91 Resp: 912282
 Ion Ratio Lower Upper
 91 100
 120 24.1 12.1 36.3





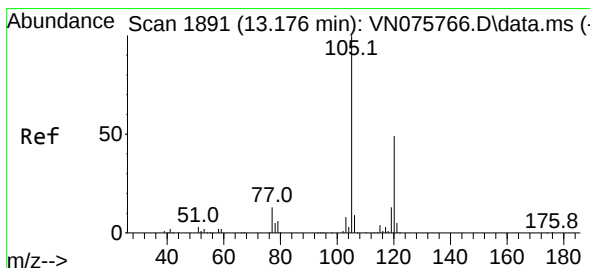
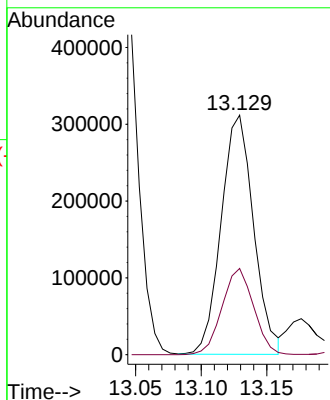
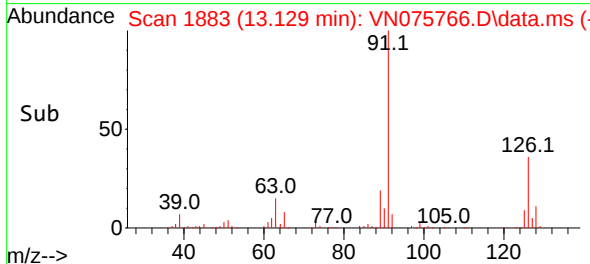
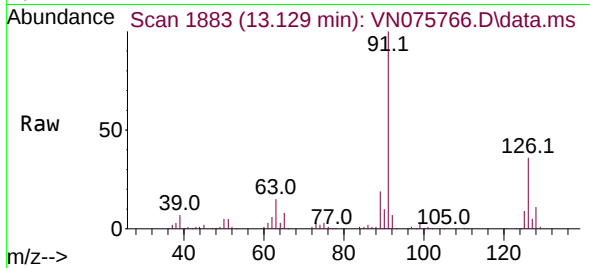
#79
2-Chlorotoluene
Concen: 51.139 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075766.D
Acq: 14 Dec 2022 12:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 536849
Ion Ratio Lower Upper
91 100
126 35.0 17.8 53.4

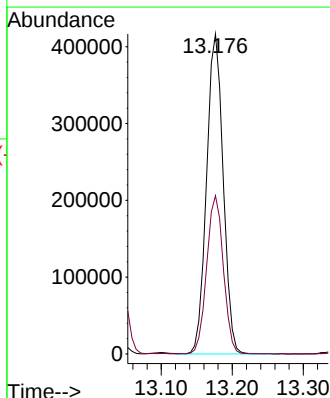
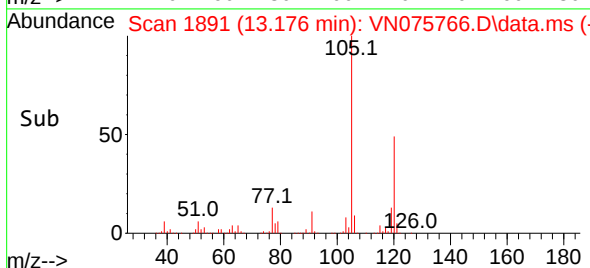
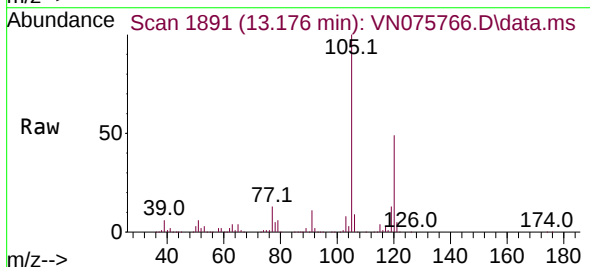
Manual Integrations
APPROVED

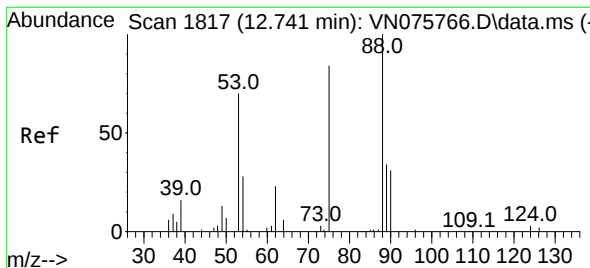
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#80
1,3,5-Trimethylbenzene
Concen: 52.911 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075766.D
Acq: 14 Dec 2022 12:08

Tgt Ion:105 Resp: 677859
Ion Ratio Lower Upper
105 100
120 49.4 24.9 74.6





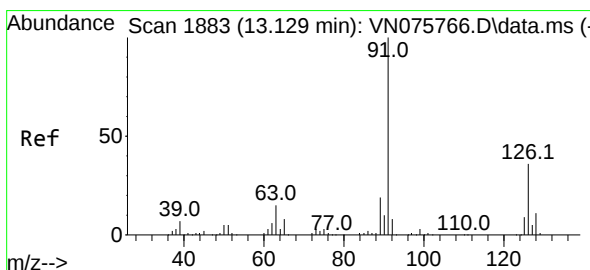
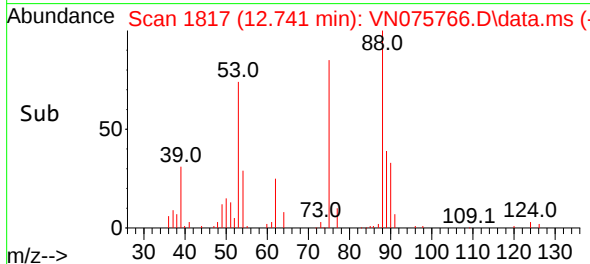
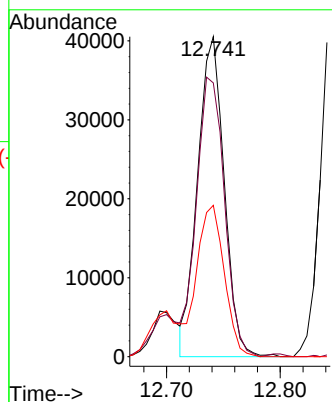
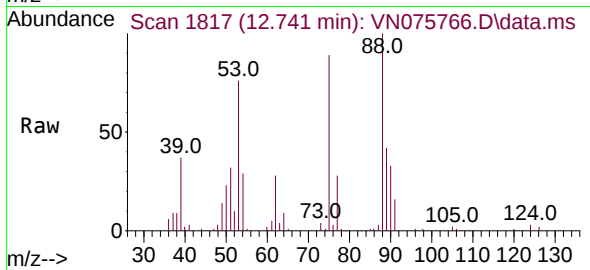
#81
trans-1,4-Dichloro-2-butene
Concen: 57.582 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.006 min
Lab File: VN075766.D
Acq: 14 Dec 2022 12:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 65930
Ion Ratio Lower Upper
75 100
53 92.2 72.4 108.6
89 49.4 36.6 55.0

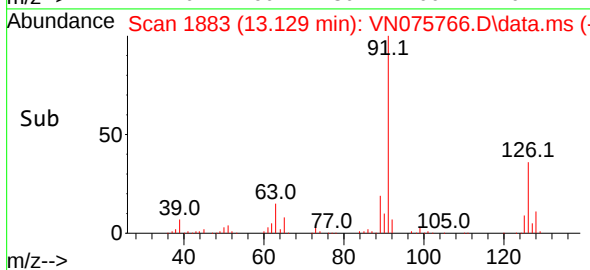
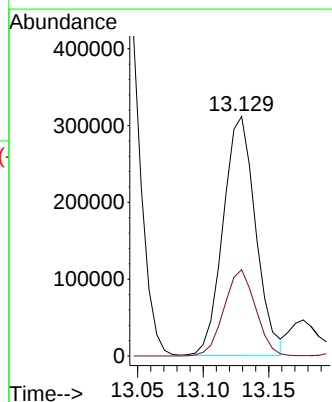
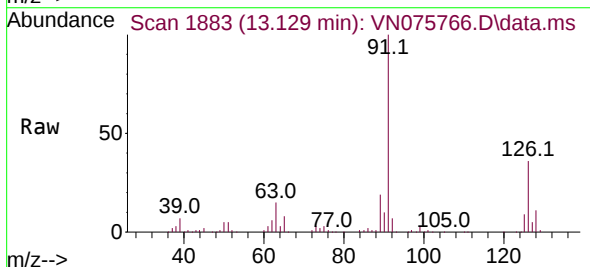
Manual Integrations
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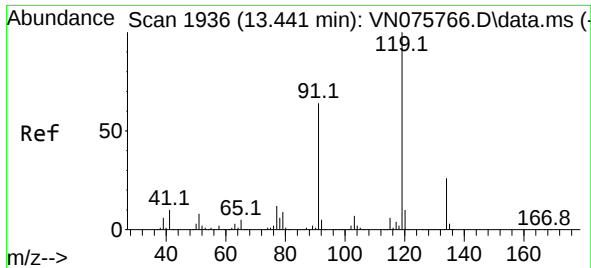
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#82
4-Chlorotoluene
Concen: 51.139 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075766.D
Acq: 14 Dec 2022 12:08

Tgt Ion: 91 Resp: 536845
Ion Ratio Lower Upper
91 100
126 35.0 17.8 53.4





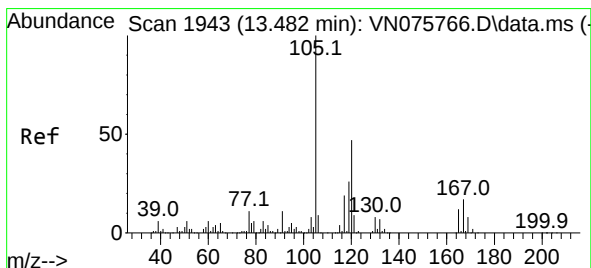
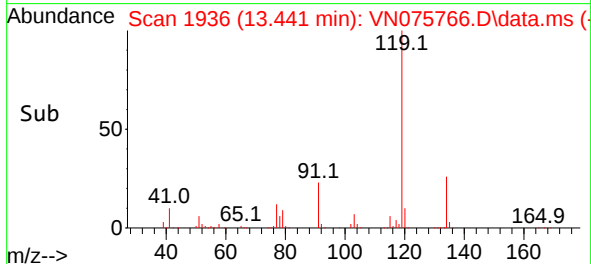
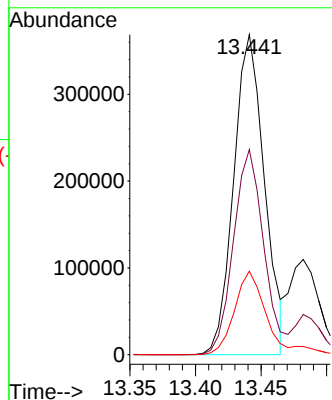
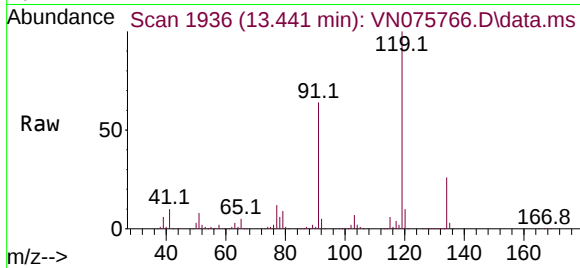
#83
tert-Butylbenzene
Concen: 51.784 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN075766.D
Acq: 14 Dec 2022 12:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:119 Resp: 601624
Ion Ratio Lower Upper
119 100
91 63.7 31.9 95.9
134 27.6 13.9 41.7

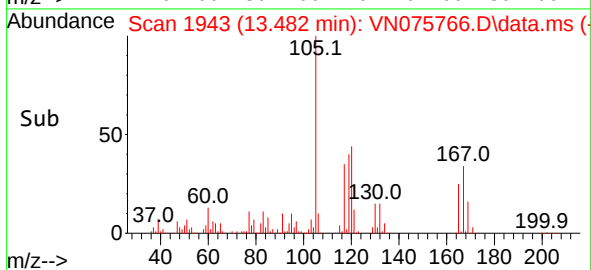
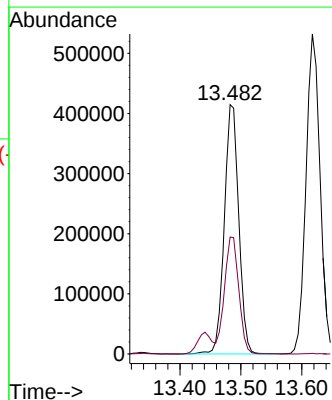
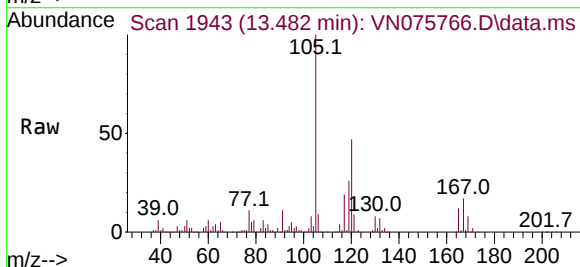
Manual Integrations
APPROVED

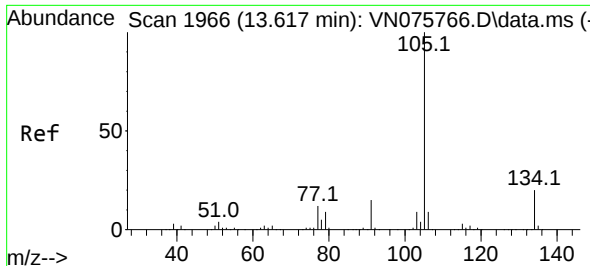
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#84
1,2,4-Trimethylbenzene
Concen: 53.036 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. -0.006 min
Lab File: VN075766.D
Acq: 14 Dec 2022 12:08

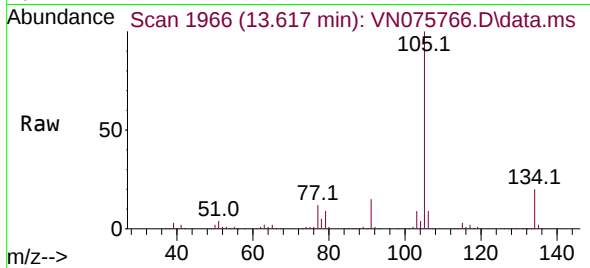
Tgt Ion:105 Resp: 682904
Ion Ratio Lower Upper
105 100
120 46.5 23.1 69.2





#85
 sec-Butylbenzene
 Concen: 53.376 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN075766.D
 Acq: 14 Dec 2022 12:08

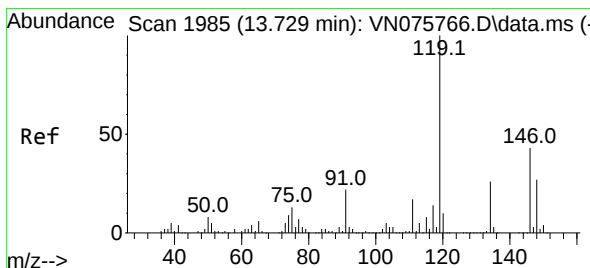
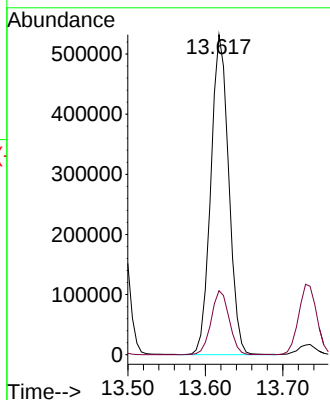
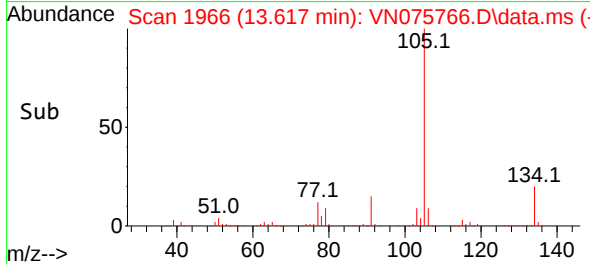
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



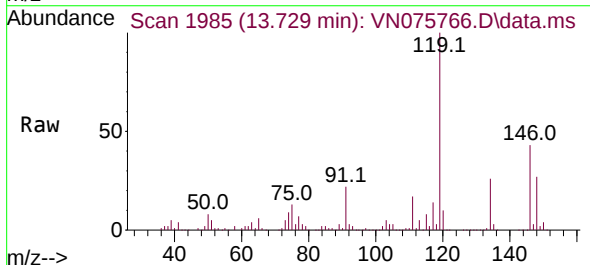
Tgt Ion:105 Resp: 852518
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.2 30.6

Manual Integrations
 APPROVED

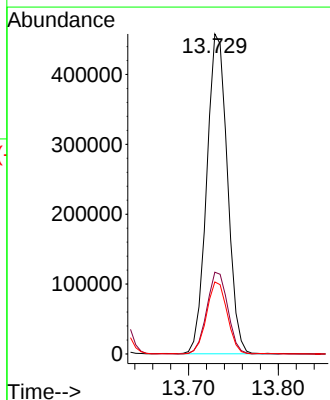
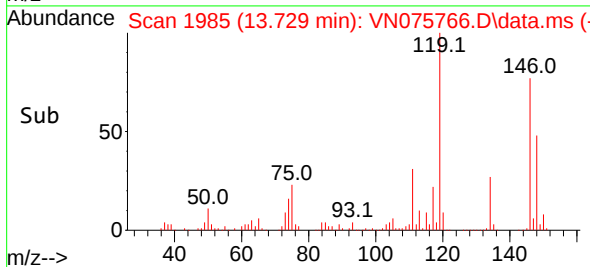
Reviewed By :John Carlone 12/15/2022
 Supervised By :Mahesh Dadoda 12/15/2022

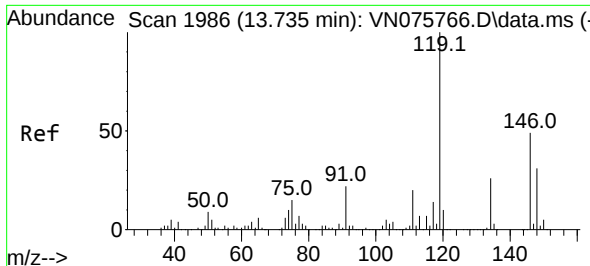


#86
 p-Isopropyltoluene
 Concen: 54.750 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN075766.D
 Acq: 14 Dec 2022 12:08



Tgt Ion:119 Resp: 731672
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.3 39.9
 91 22.4 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 50.810 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN075766.D

Acq: 14 Dec 2022 12:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion:146 Resp: 366180

Ion Ratio Lower Upper

146 100

111 39.3 19.8 59.3

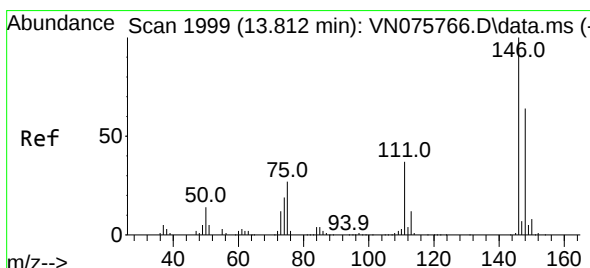
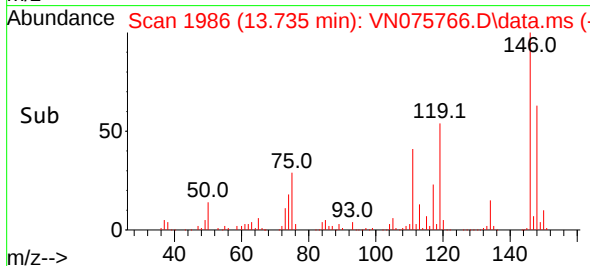
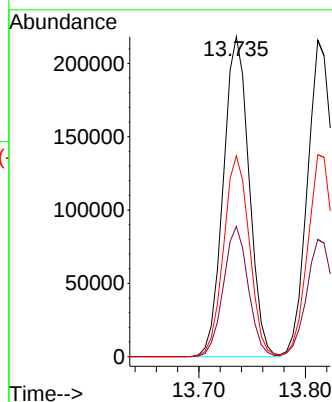
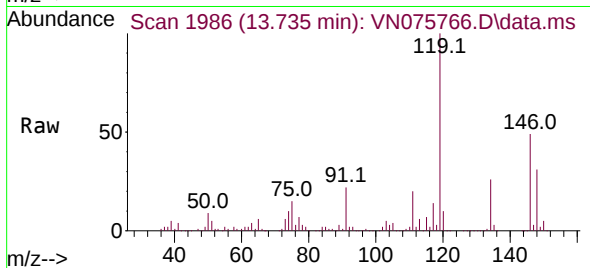
148 62.8 32.1 96.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#88

1,4-Dichlorobenzene

Concen: 49.546 ug/l

RT: 13.812 min Scan# 1999

Delta R.T. -0.006 min

Lab File: VN075766.D

Acq: 14 Dec 2022 12:08

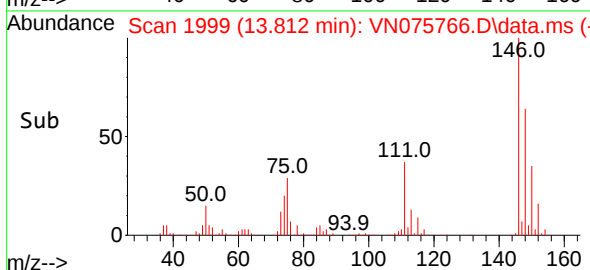
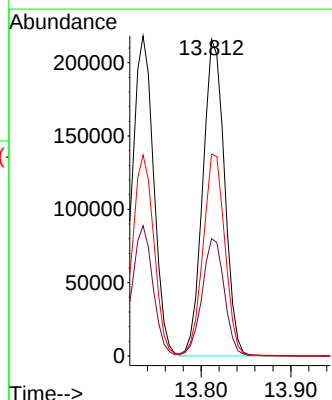
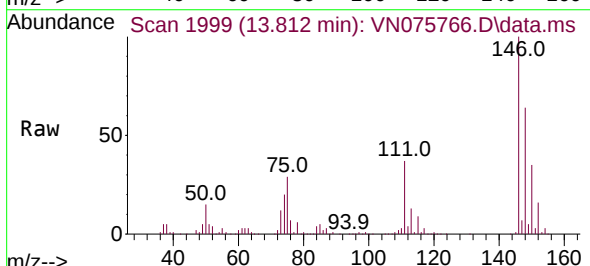
Tgt Ion:146 Resp: 363199

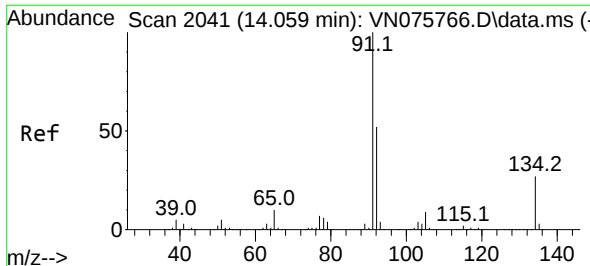
Ion Ratio Lower Upper

146 100

111 38.1 19.1 57.1

148 64.1 32.1 96.3





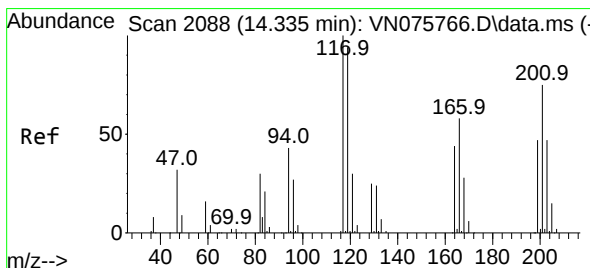
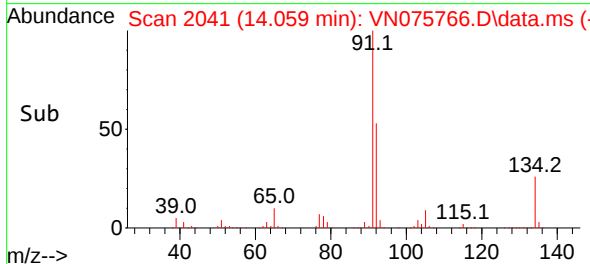
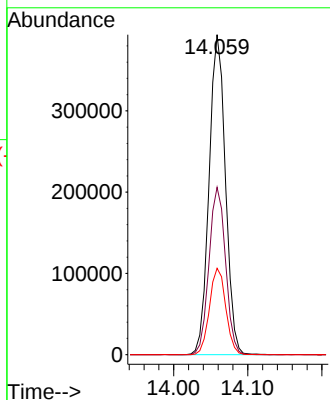
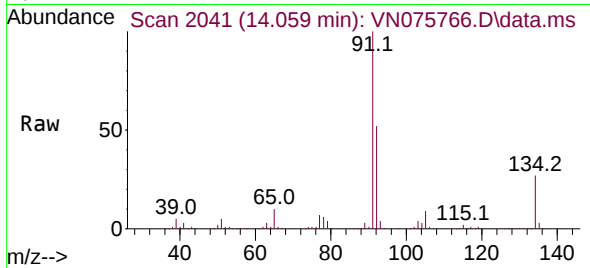
#89
n-Butylbenzene
Concen: 56.489 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VN075766.D
Acq: 14 Dec 2022 12:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 60507
Ion Ratio Lower Upper
91 100
92 52.8 26.7 80.1
134 26.8 13.9 41.7

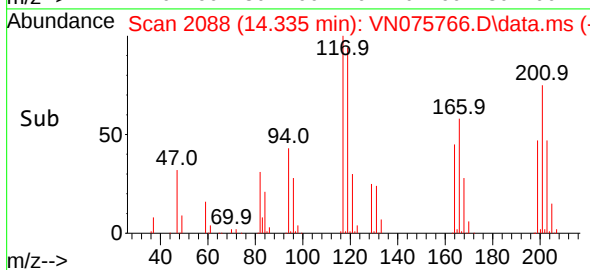
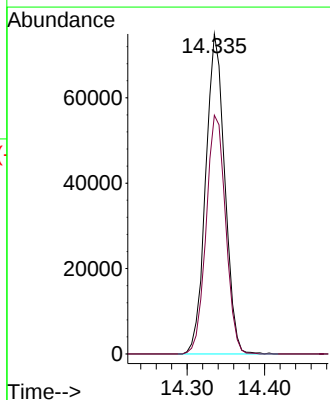
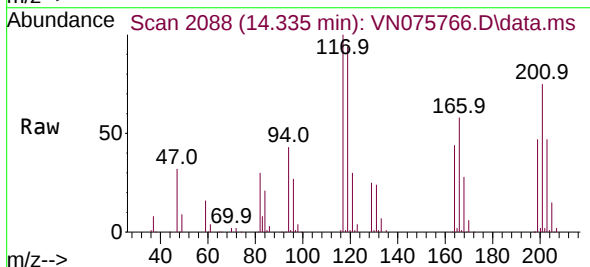
Manual Integrations
APPROVED

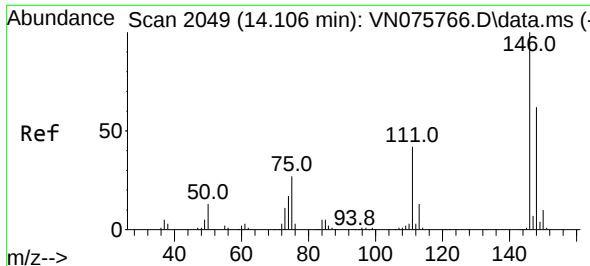
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#90
Hexachloroethane
Concen: 55.935 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN075766.D
Acq: 14 Dec 2022 12:08

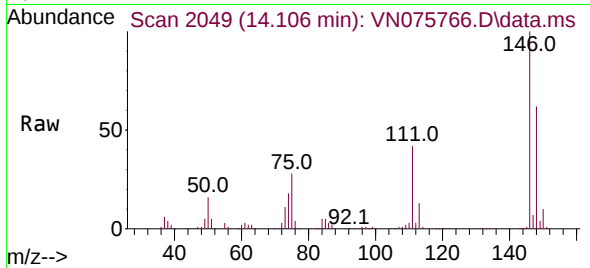
Tgt Ion:117 Resp: 128040
Ion Ratio Lower Upper
117 100
201 76.1 39.2 117.6





#91
1,2-Dichlorobenzene
Concen: 50.179 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.006 min
Lab File: VN075766.D
Acq: 14 Dec 2022 12:08

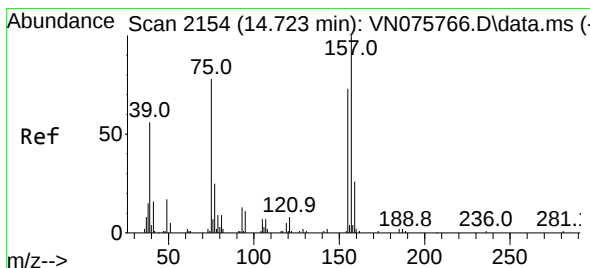
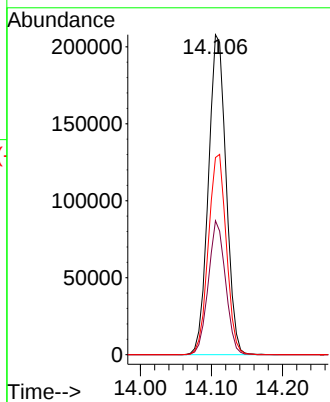
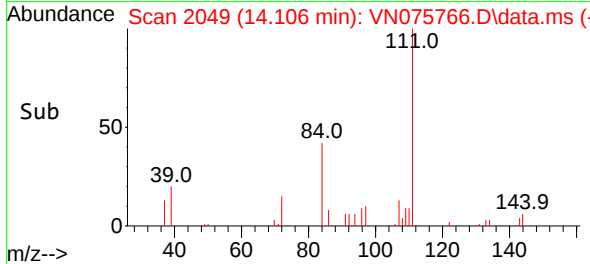
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



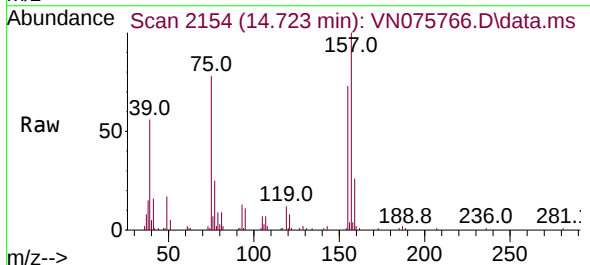
Tgt Ion:146 Resp: 359849
Ion Ratio Lower Upper
146 100
111 40.7 20.1 60.3
148 63.4 31.9 95.5

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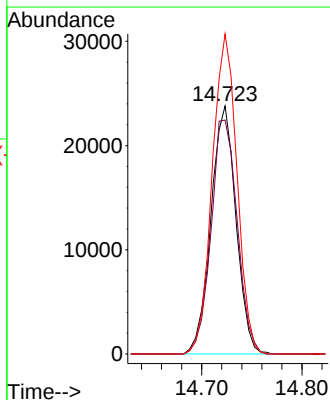
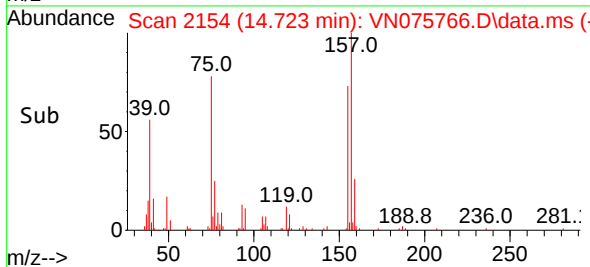
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

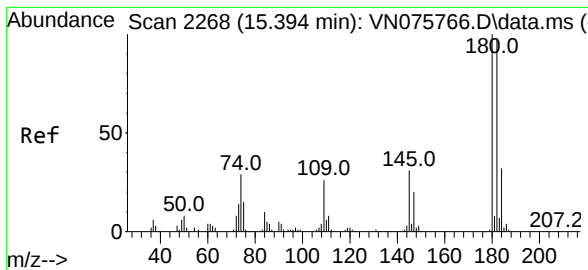


#92
1,2-Dibromo-3-Chloropropane
Concen: 54.488 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.006 min
Lab File: VN075766.D
Acq: 14 Dec 2022 12:08



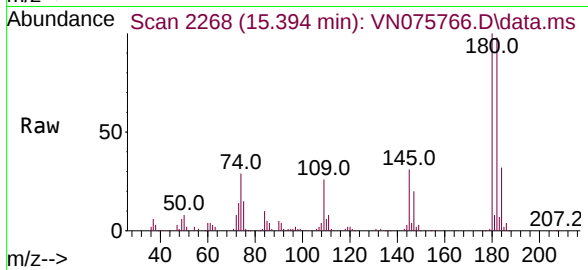
Tgt Ion: 75 Resp: 41215
Ion Ratio Lower Upper
75 100
155 98.5 48.4 145.2
157 127.5 63.5 190.6





#93
1,2,4-Trichlorobenzene
Concen: 55.915 ug/l
RT: 15.394 min Scan# 2268
Delta R.T. 0.000 min
Lab File: VN075766.D
Acq: 14 Dec 2022 12:08

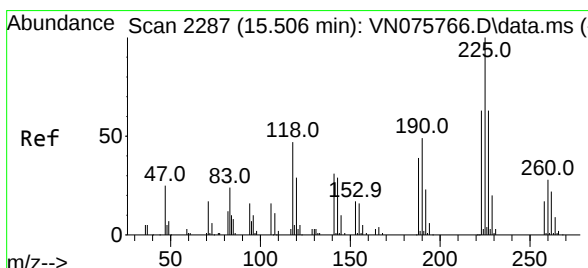
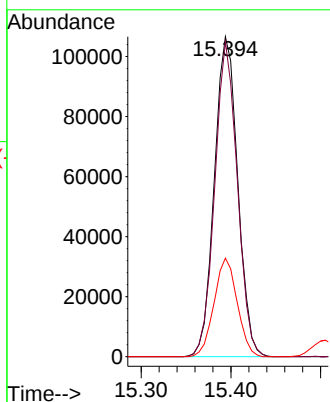
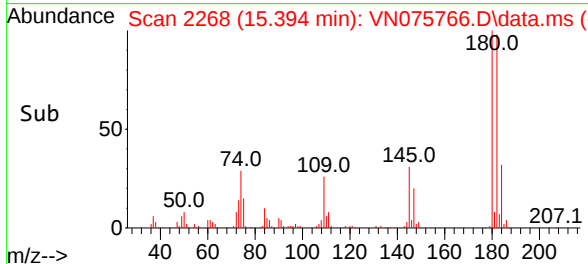
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



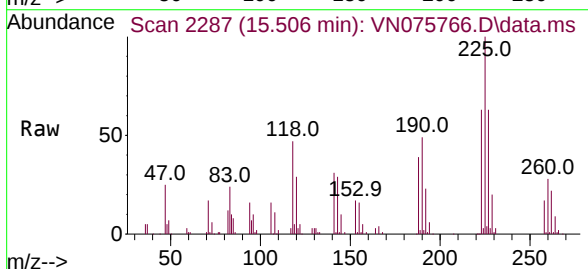
Tgt Ion:180 Resp: 19251
Ion Ratio Lower Upper
180 100
182 95.0 47.1 141.3
145 30.5 15.2 45.5

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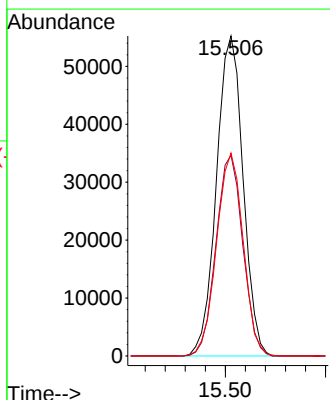
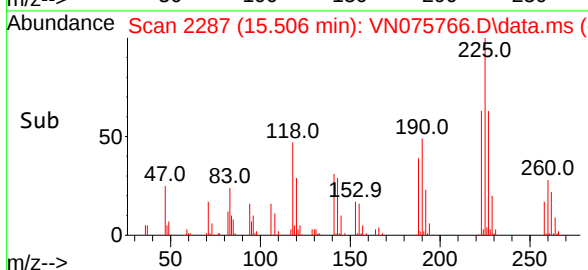
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

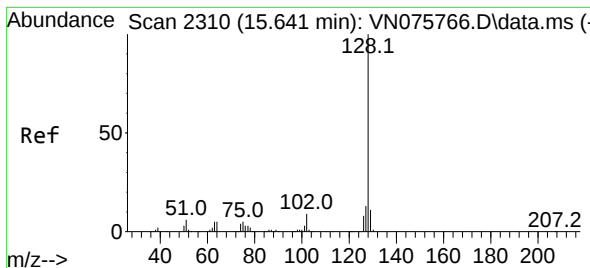


#94
Hexachlorobutadiene
Concen: 52.121 ug/l
RT: 15.506 min Scan# 2287
Delta R.T. 0.000 min
Lab File: VN075766.D
Acq: 14 Dec 2022 12:08



Tgt Ion:225 Resp: 101816
Ion Ratio Lower Upper
225 100
223 63.0 31.4 94.2
227 63.3 31.3 93.9





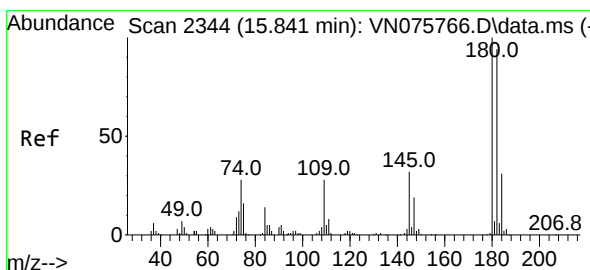
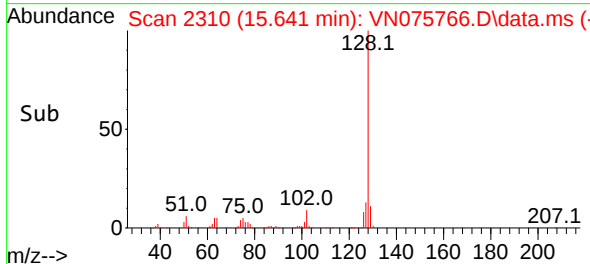
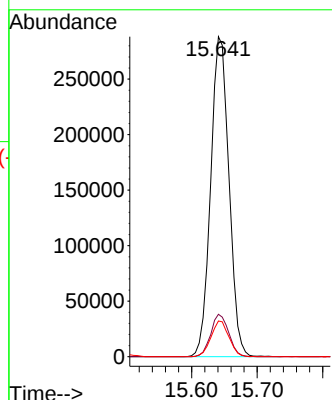
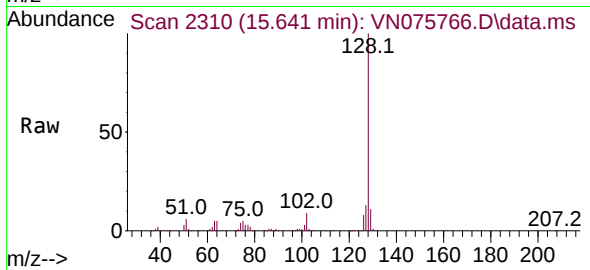
#95
Naphthalene
Concen: 54.866 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.006 min
Lab File: VN075766.D
Acq: 14 Dec 2022 12:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 55830
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 10.9 8.4 12.6

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 54.689 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. 0.000 min
Lab File: VN075766.D
Acq: 14 Dec 2022 12:08

Tgt Ion:180 Resp: 185018
Ion Ratio Lower Upper
180 100
182 94.0 46.8 140.4
145 31.9 15.6 46.8

