

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041723\
 Data File : VN077350.D
 Acq On : 17 Apr 2023 10:50
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/18/2023
 Supervised By : Mahesh Dadoda 04/18/2023

Quant Time: Apr 18 04:39:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 06 08:27:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	462717	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	892229	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	811514	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	364828	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	304387	48.131	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.260%		
35) Dibromofluoromethane	8.172	113	278372	48.736	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.480%		
50) Toluene-d8	10.572	98	1087317	47.288	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.580%		
62) 4-Bromofluorobenzene	12.854	95	391065	51.137	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.280%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.137	85	307244	52.023	ug/l	99
3) Chloromethane	2.372	50	310771	42.462	ug/l	96
4) Vinyl Chloride	2.525	62	445233	44.869	ug/l	99
5) Bromomethane	2.943	94	325314	45.221	ug/l	96
6) Chloroethane	3.119	64	307229	43.384	ug/l	96
7) Trichlorofluoromethane	3.501	101	487396	56.646	ug/l	99
8) Diethyl Ether	3.972	74	191610	53.143	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.378	101	304966	57.915	ug/l	98
10) Methyl Iodide	4.601	142	378165	59.051	ug/l	93
11) Tert butyl alcohol	5.531	59	272843	211.434	ug/l	99
12) 1,1-Dichloroethene	4.348	96	291820	53.837	ug/l	94
13) Acrolein	4.190	56	264736	216.611	ug/l	98
14) Allyl chloride	5.031	41	363500	44.402	ug/l	91
15) Acrylonitrile	5.725	53	677851	237.605	ug/l	99
16) Acetone	4.431	43	534005	229.017	ug/l	100
17) Carbon Disulfide	4.725	76	734990	50.285	ug/l	99
18) Methyl Acetate	5.031	43	420171	47.314	ug/l	96
19) Methyl tert-butyl Ether	5.801	73	1039635	54.054	ug/l	100
20) Methylene Chloride	5.284	84	338447	51.395	ug/l	99
21) trans-1,2-Dichloroethene	5.795	96	328498	55.351	ug/l	98
22) Diisopropyl ether	6.678	45	840957	51.238	ug/l	96
23) Vinyl Acetate	6.607	43	3186770m	287.161	ug/l	
24) 1,1-Dichloroethane	6.572	63	572344	54.002	ug/l	99
25) 2-Butanone	7.489	43	862580	227.935	ug/l	99
26) 2,2-Dichloropropane	7.495	77	561762	57.803	ug/l	100
27) cis-1,2-Dichloroethene	7.495	96	404759	55.848	ug/l	98
28) Bromochloromethane	7.819	49	189633	44.480	ug/l	91
29) Tetrahydrofuran	7.836	42	541212	222.477	ug/l	95
30) Chloroform	7.972	83	639722	56.601	ug/l	96
31) Cyclohexane	8.260	56	472275	48.060	ug/l	96
32) 1,1,1-Trichloroethane	8.172	97	580909	56.514	ug/l	96
36) 1,1-Dichloropropene	8.378	75	470972	55.751	ug/l	99
37) Ethyl Acetate	7.566	43	357877	47.349	ug/l	100
38) Carbon Tetrachloride	8.366	117	505548	58.411	ug/l	92
39) Methylcyclohexane	9.607	83	615820	54.061	ug/l	98
40) Benzene	8.613	78	1420529	53.911	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	192053	47.272	ug/l	96
42) 1,2-Dichloroethane	8.672	62	456365	56.274	ug/l	99
43) Isopropyl Acetate	8.689	43	644790	46.232	ug/l	97
44) Trichloroethene	9.354	130	364744	57.852	ug/l	99
45) 1,2-Dichloropropane	9.625	63	343714	54.924	ug/l	95
46) Dibromomethane	9.713	93	260401	55.229	ug/l	99
47) Bromodichloromethane	9.889	83	522370	55.430	ug/l	97
48) Methyl methacrylate	9.683	41	286021	48.074	ug/l	98
49) 1,4-Dioxane	9.695	88	138976	963.475	ug/l	95
51) 4-Methyl-2-Pentanone	10.448	43	1907183	236.577	ug/l	99
52) Toluene	10.630	92	959840	55.653	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	578972	56.576	ug/l	99
54) cis-1,3-Dichloropropene	10.313	75	614516	56.375	ug/l	99
55) 1,1,2-Trichloroethane	11.019	97	377254	55.723	ug/l	97
56) Ethyl methacrylate	10.877	69	561558	53.253	ug/l	96
57) 1,3-Dichloropropane	11.166	76	620847	55.507	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.160	63	978355	311.671	ug/l	97
59) 2-Hexanone	11.195	43	1409591	234.702	ug/l	100
60) Dibromochloromethane	11.360	129	419171	60.115	ug/l	99
61) 1,2-Dibromoethane	11.471	107	386085	57.134	ug/l	99
64) Tetrachloroethene	11.107	164	290616	57.970	ug/l	98
65) Chlorobenzene	11.895	112	1044718	58.474	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.966	131	383297	56.700	ug/l	99
67) Ethyl Benzene	11.966	91	1898598	57.587	ug/l	99
68) m/p-Xylenes	12.071	106	1497593	115.606	ug/l	99
69) o-Xylene	12.401	106	743629	58.188	ug/l	99
70) Styrene	12.413	104	1214658	59.063	ug/l	99
71) Bromoform	12.577	173	271463	57.046	ug/l #	98
73) Isopropylbenzene	12.701	105	1930552	54.481	ug/l	100
74) N-amyl acetate	12.495	43	601575	44.797	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.942	83	550433	49.497	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	465256m	53.554	ug/l	
77) Bromobenzene	12.983	156	397762	55.205	ug/l	95
78) n-propylbenzene	13.036	91	2221287	56.733	ug/l	100
79) 2-Chlorotoluene	13.130	91	1280362	54.309	ug/l	100
80) 1,3,5-Trimethylbenzene	13.177	105	1623319	57.356	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.736	75	208548	54.020	ug/l #	84
82) 4-Chlorotoluene	13.224	91	1251721	56.313	ug/l	100
83) tert-Butylbenzene	13.442	119	1390813	55.208	ug/l	99
84) 1,2,4-Trimethylbenzene	13.483	105	1596663	57.103	ug/l	100
85) sec-Butylbenzene	13.618	105	2015071	57.395	ug/l	100
86) p-Isopropyltoluene	13.730	119	1652774	59.899	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	777030	58.292	ug/l	98
88) 1,4-Dichlorobenzene	13.813	146	756036	57.514	ug/l	99
89) n-Butylbenzene	14.060	91	1420956	62.033	ug/l	99
90) Hexachloroethane	14.336	117	340495	56.438	ug/l	97
91) 1,2-Dichlorobenzene	14.107	146	763184	57.231	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.724	75	103425	49.075	ug/l	98
93) 1,2,4-Trichlorobenzene	15.371	180	298717	62.054	ug/l	99
94) Hexachlorobutadiene	15.465	225	159310	57.172	ug/l	97
95) Naphthalene	15.589	128	1080774	59.766	ug/l	100
96) 1,2,3-Trichlorobenzene	15.759	180	270577	58.764	ug/l	98

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Quant Title : SW846 8260
QLast Update : Thu Apr 06 08:27:03 2023
Response via : Initial Calibration

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

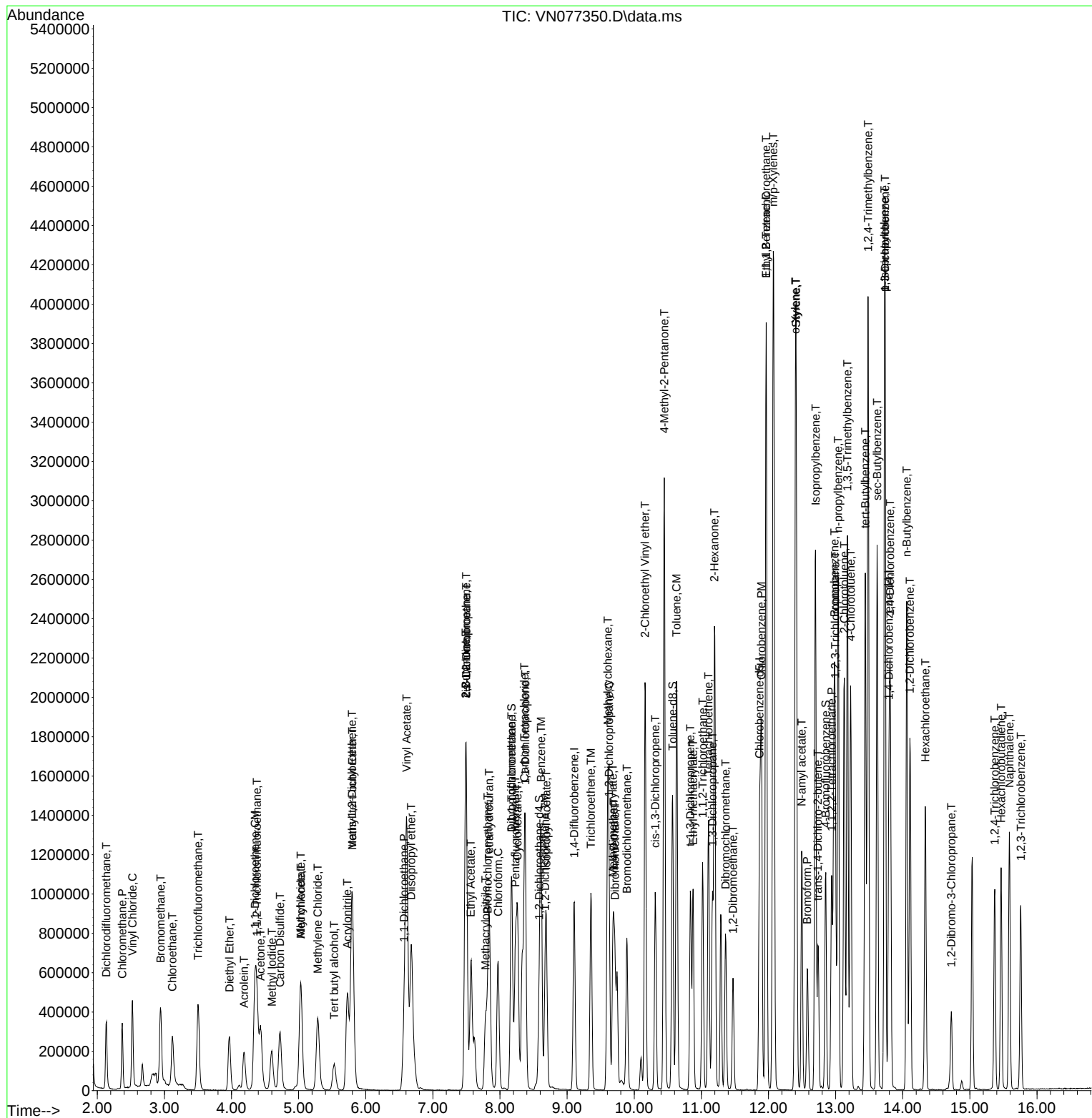
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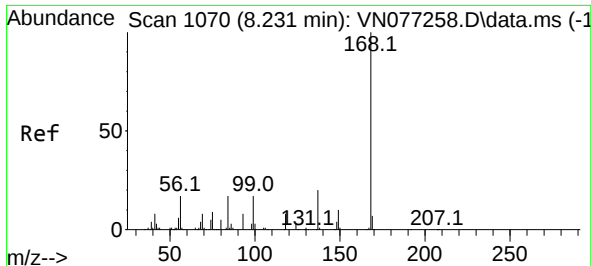
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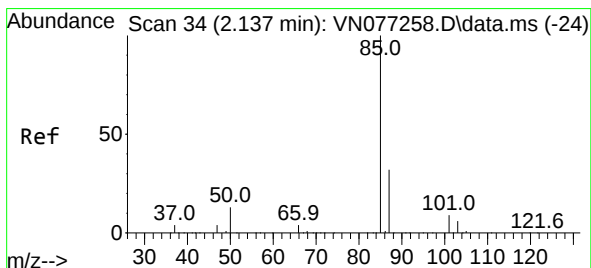
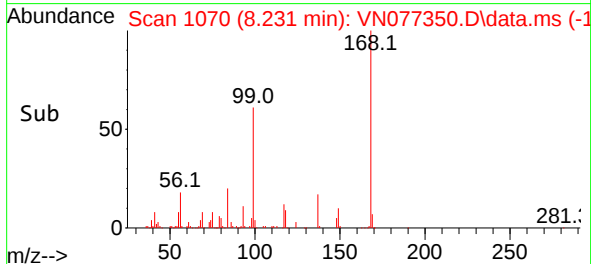
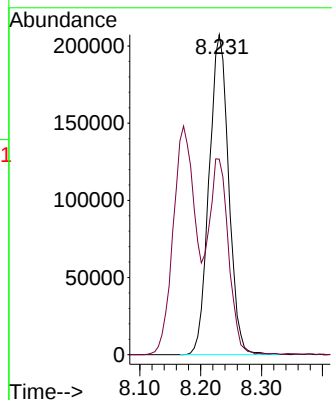
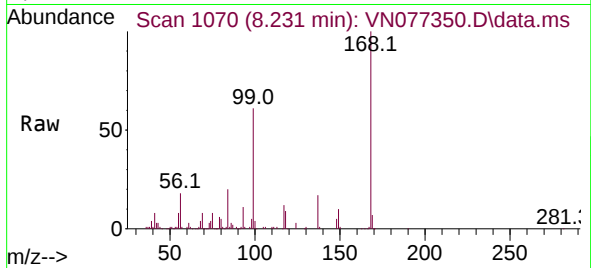
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077350.D
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Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:168 Resp: 46271
Ion Ratio Lower Upper
168 100
99 61.0 50.6 75.8

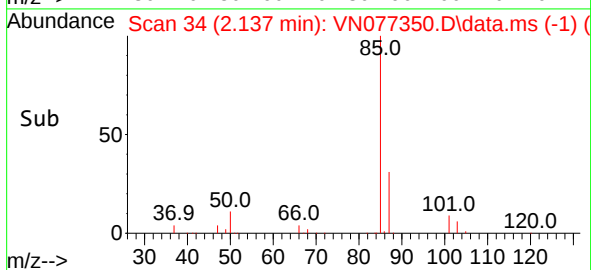
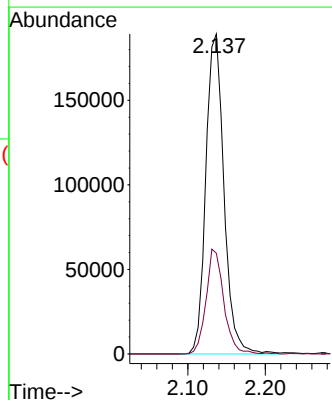
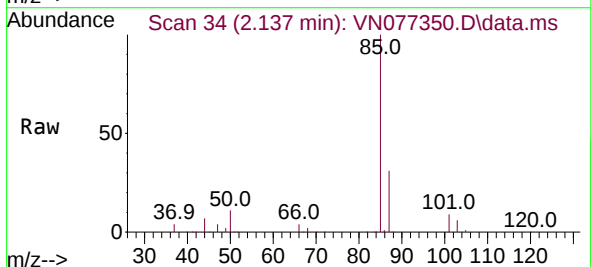
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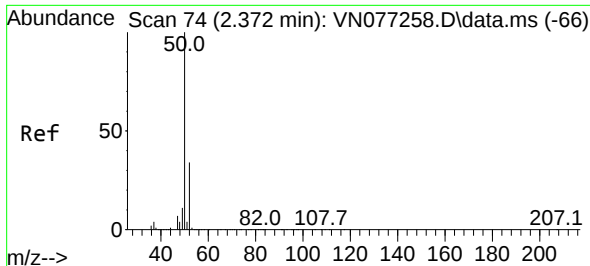
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#2
Dichlorodifluoromethane
Concen: 52.023 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077350.D
Acq: 17 Apr 2023 10:50

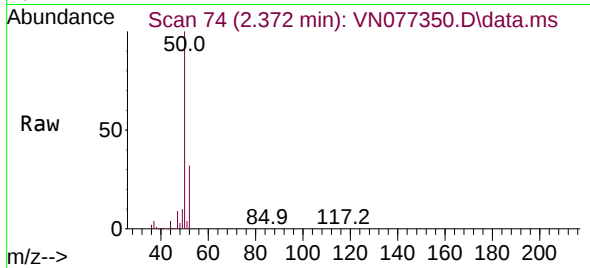
Tgt Ion: 85 Resp: 307244
Ion Ratio Lower Upper
85 100
87 31.4 16.1 48.2





#3
Chloromethane
Concen: 42.462 ug/l
RT: 2.372 min Scan# 74
Delta R.T. 0.000 min
Lab File: VN077350.D
Acq: 17 Apr 2023 10:50

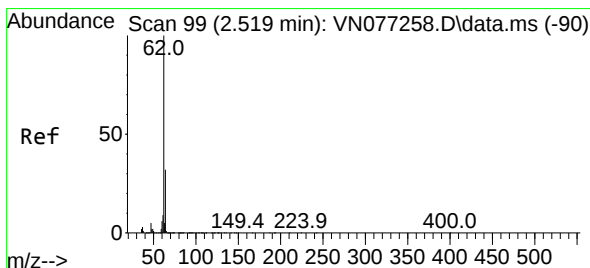
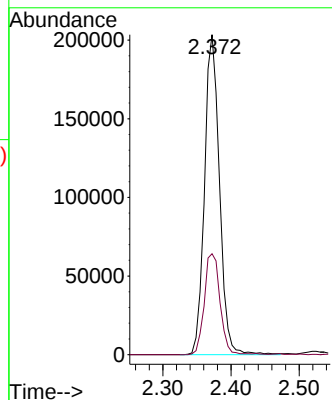
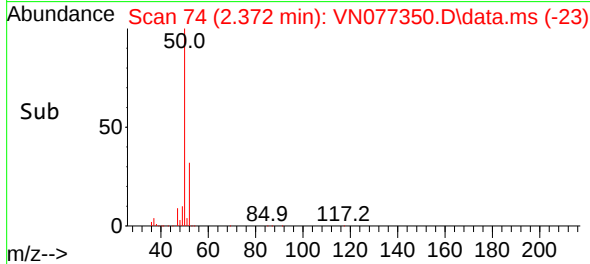
Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 31077
Ion Ratio Lower Upper
50 100
52 31.5 27.3 40.9

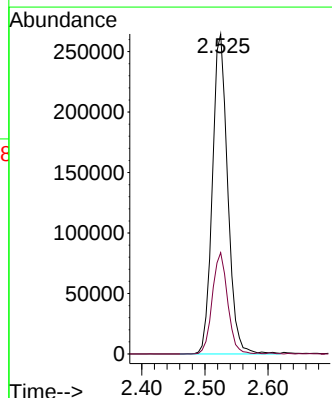
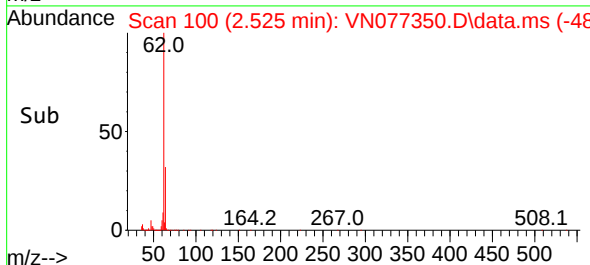
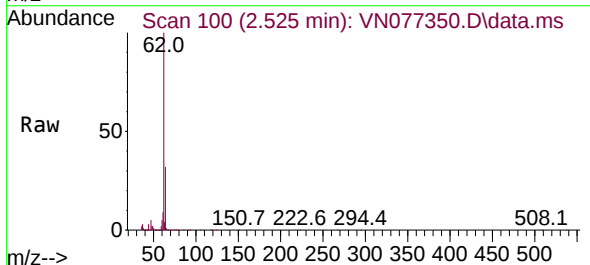
Manual Integrations
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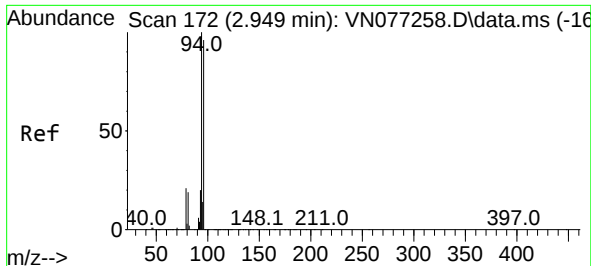
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#4
Vinyl Chloride
Concen: 44.869 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.006 min
Lab File: VN077350.D
Acq: 17 Apr 2023 10:50

Tgt Ion: 62 Resp: 445233
Ion Ratio Lower Upper
62 100
64 31.7 25.8 38.8





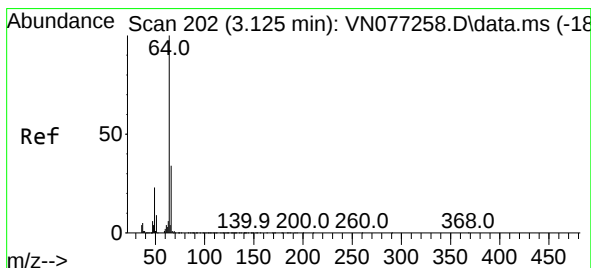
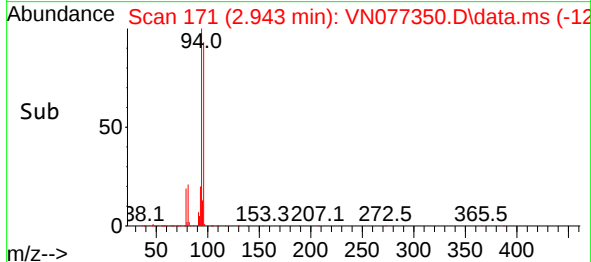
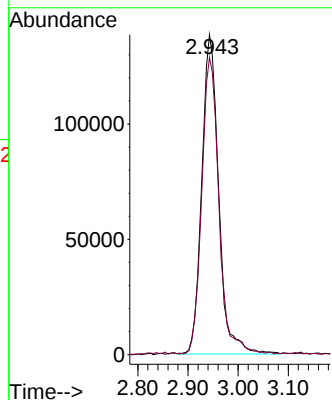
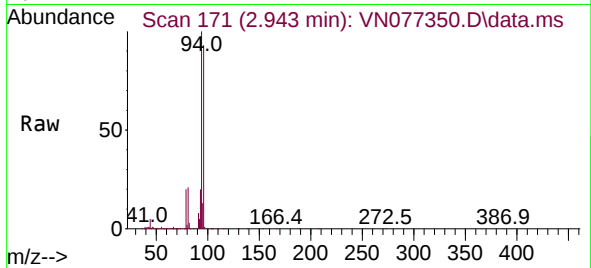
#5
Bromomethane
Concen: 45.221 ug/l
RT: 2.943 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN077350.D
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Instrument :
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Tgt Ion: 94 Resp: 325314
Ion Ratio Lower Upper
94 100
96 92.7 77.0 115.4

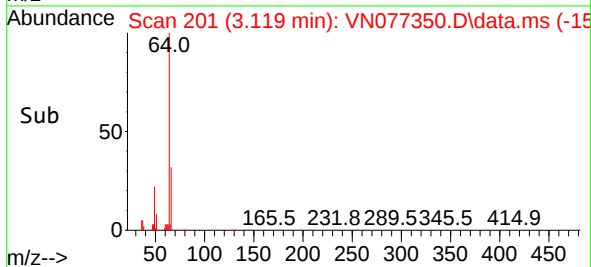
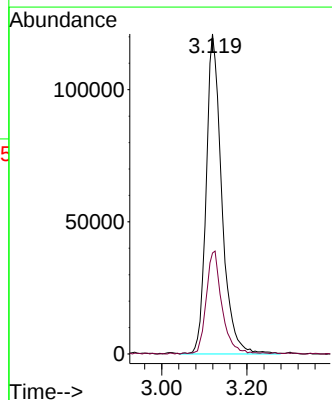
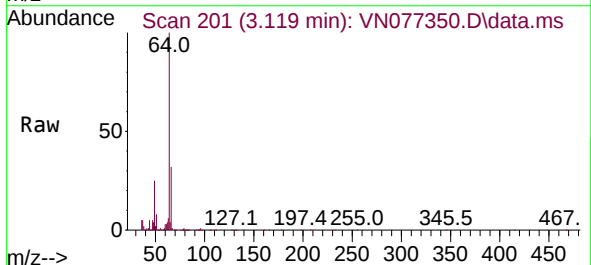
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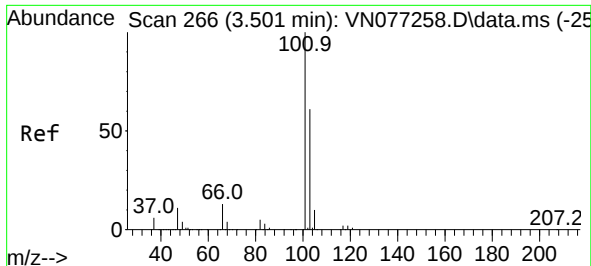
Reviewed By :John Carlone 04/18/2023
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#6
Chloroethane
Concen: 43.384 ug/l
RT: 3.119 min Scan# 201
Delta R.T. -0.006 min
Lab File: VN077350.D
Acq: 17 Apr 2023 10:50

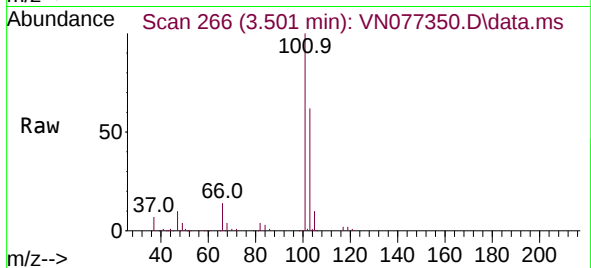
Tgt Ion: 64 Resp: 307229
Ion Ratio Lower Upper
64 100
66 31.6 26.9 40.3





#7
Trichlorofluoromethane
Concen: 56.646 ug/l
RT: 3.501 min Scan# 207
Delta R.T. 0.000 min
Lab File: VN077350.D
Acq: 17 Apr 2023 10:50

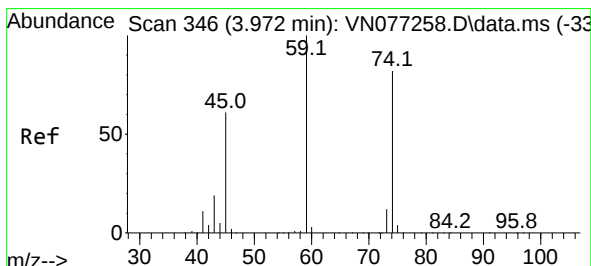
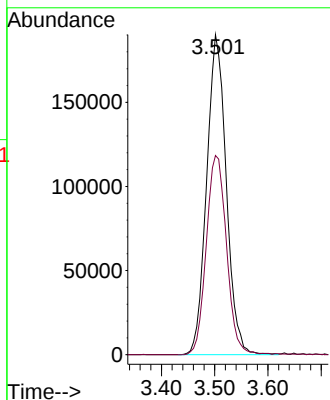
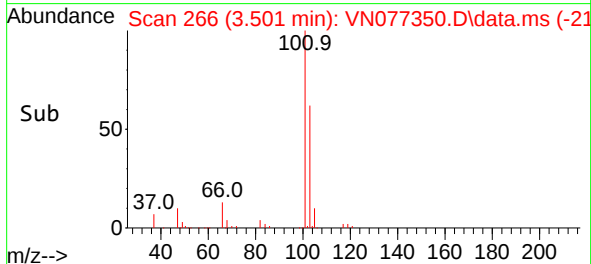
Instrument :
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Tgt Ion:101 Resp: 487390
Ion Ratio Lower Upper
101 100
103 62.3 49.0 73.4

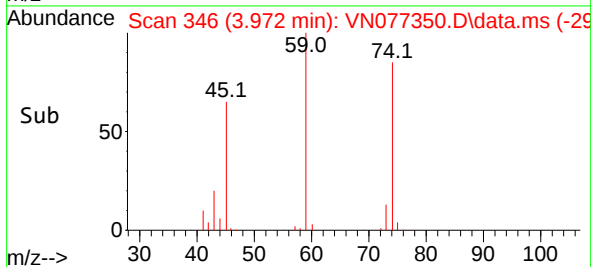
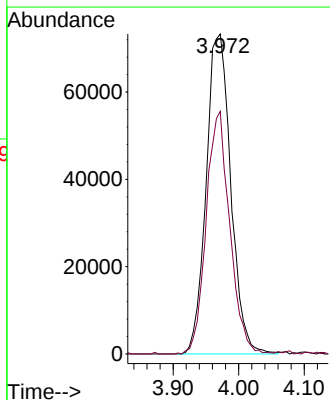
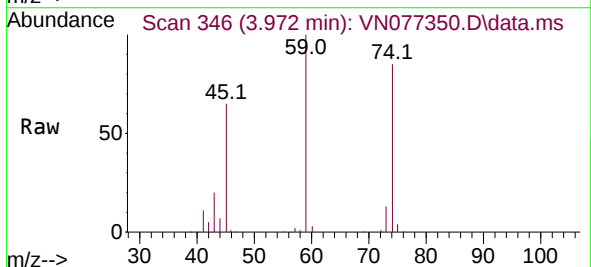
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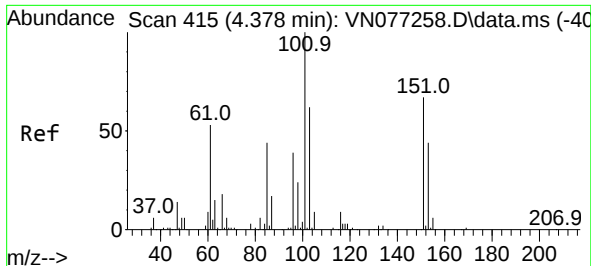
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#8
Diethyl Ether
Concen: 53.143 ug/l
RT: 3.972 min Scan# 346
Delta R.T. -0.000 min
Lab File: VN077350.D
Acq: 17 Apr 2023 10:50

Tgt Ion: 74 Resp: 191610
Ion Ratio Lower Upper
74 100
45 72.5 37.8 113.4





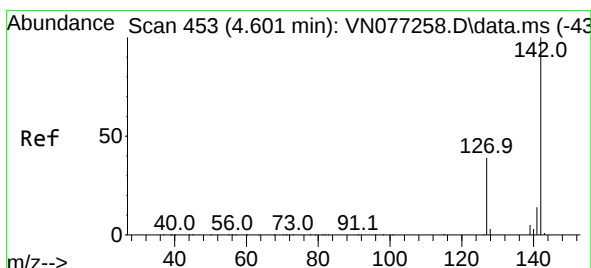
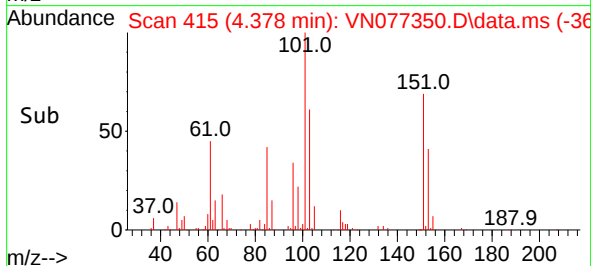
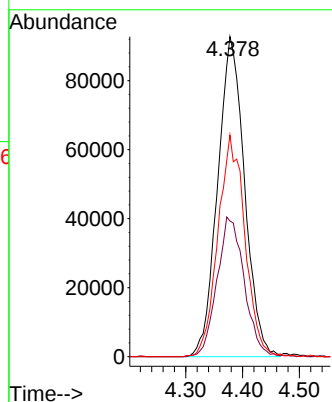
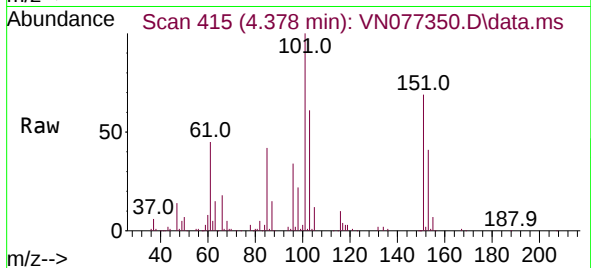
#9
1,1,2-Trichlorotrifluoroethane
Concen: 57.915 ug/l
RT: 4.378 min Scan# 415
Delta R.T. -0.000 min
Lab File: VN077350.D
Acq: 17 Apr 2023 10:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 304960
Ion Ratio Lower Upper
101 100
85 44.0 37.3 55.9
151 69.2 56.3 84.5

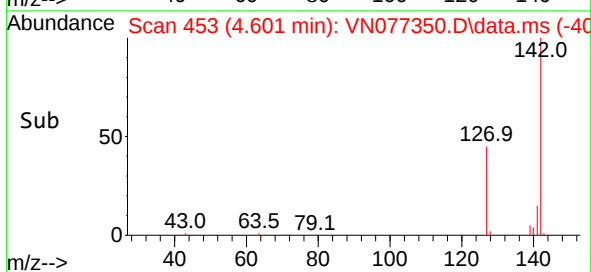
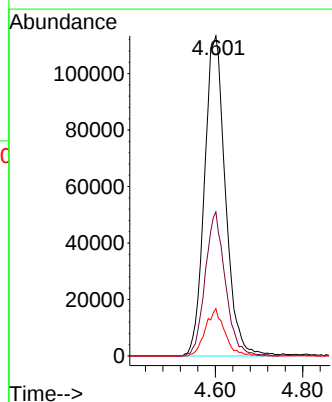
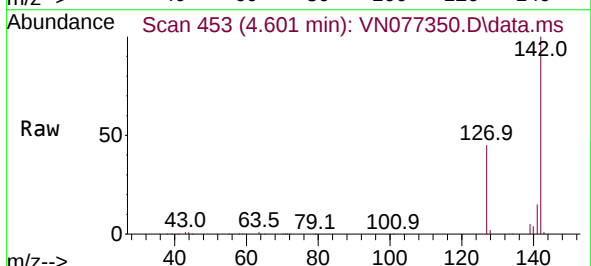
Manual Integrations
APPROVED

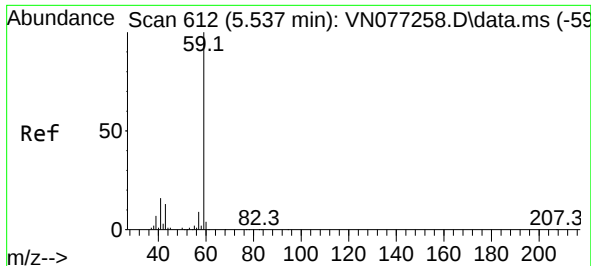
Reviewed By :John Carbone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#10
Methyl Iodide
Concen: 59.051 ug/l
RT: 4.601 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN077350.D
Acq: 17 Apr 2023 10:50

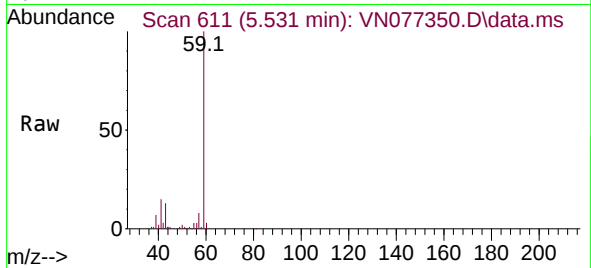
Tgt Ion:142 Resp: 378165
Ion Ratio Lower Upper
142 100
127 45.0 31.5 47.3
141 14.8 11.4 17.2





#11
Tert butyl alcohol
Concen: 211.434 ug/l
RT: 5.531 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN077350.D
Acq: 17 Apr 2023 10:50

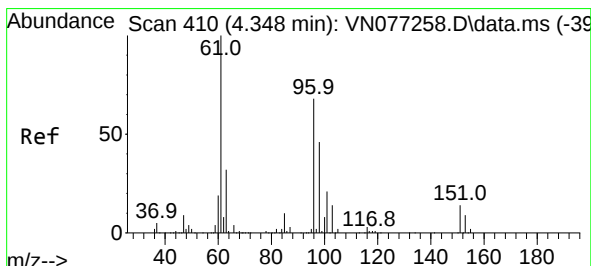
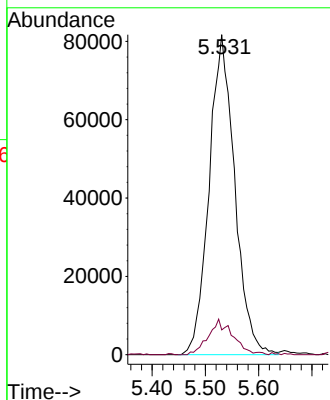
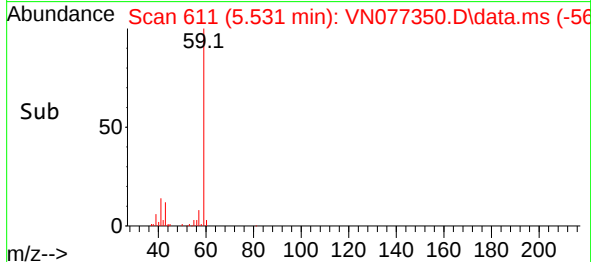
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 27284
Ion Ratio Lower Upper
59 100
57 10.6 8.3 12.5

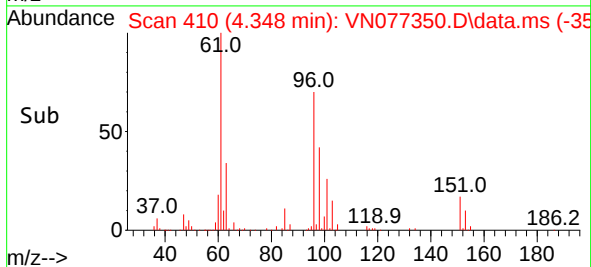
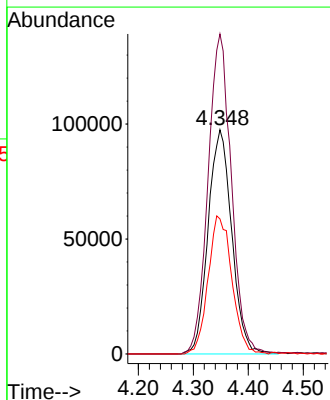
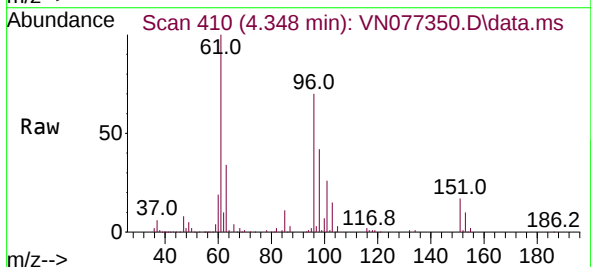
Manual Integrations
APPROVED

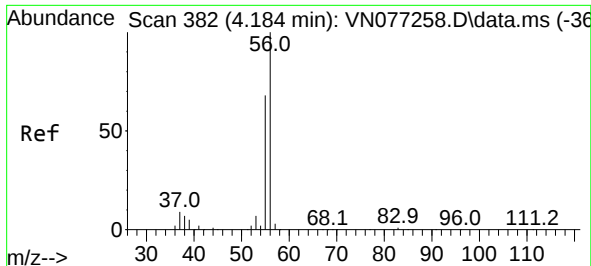
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#12
1,1-Dichloroethene
Concen: 53.837 ug/l
RT: 4.348 min Scan# 410
Delta R.T. 0.000 min
Lab File: VN077350.D
Acq: 17 Apr 2023 10:50

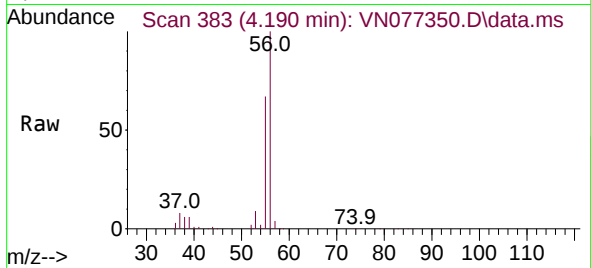
Tgt Ion: 96 Resp: 291820
Ion Ratio Lower Upper
96 100
61 142.7 118.3 177.5
98 60.2 54.5 81.7





#13
Acrolein
Concen: 216.611 ug/l
RT: 4.190 min Scan# 382
Delta R.T. 0.006 min
Lab File: VN077350.D
Acq: 17 Apr 2023 10:50

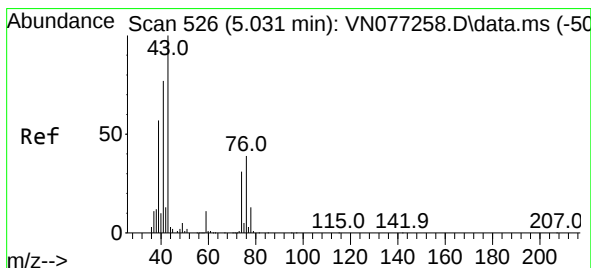
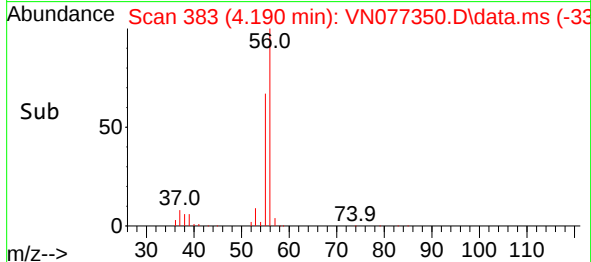
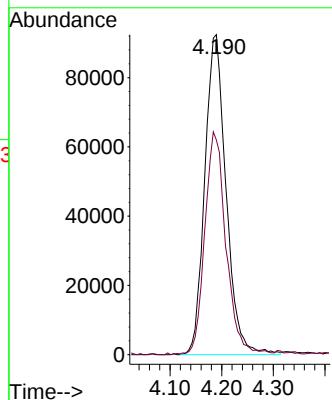
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 264730
Ion Ratio Lower Upper
56 100
55 69.3 54.2 81.2

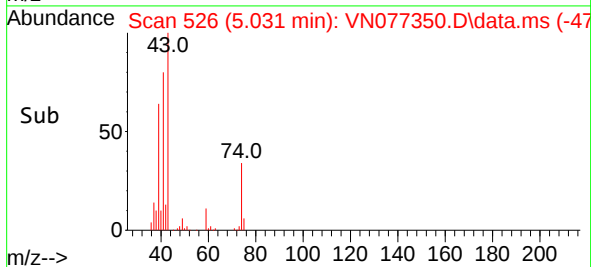
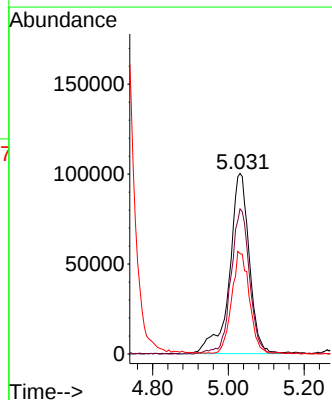
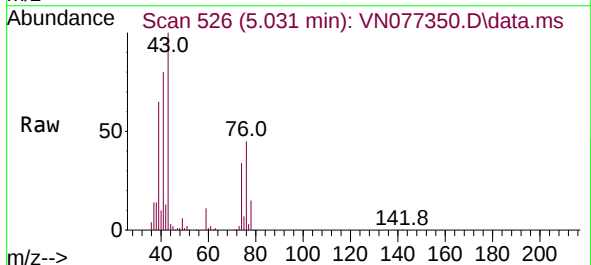
Manual Integrations
APPROVED

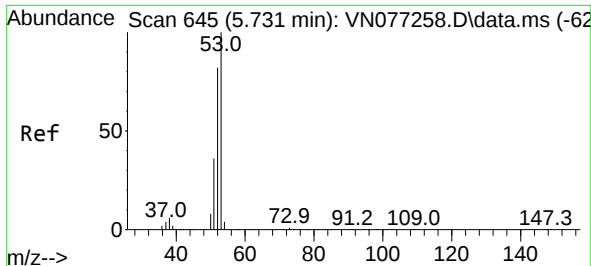
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#14
Allyl chloride
Concen: 44.402 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.000 min
Lab File: VN077350.D
Acq: 17 Apr 2023 10:50

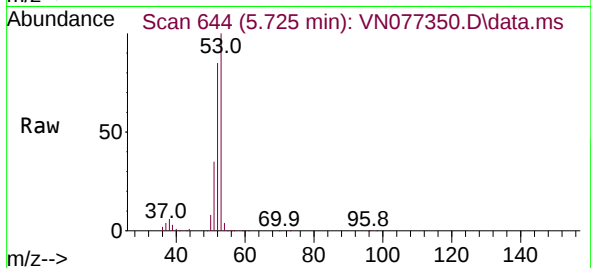
Tgt Ion: 41 Resp: 363500
Ion Ratio Lower Upper
41 100
39 76.0 55.0 82.4
76 49.9 35.4 53.2





#15
Acrylonitrile
Concen: 237.605 ug/l
RT: 5.725 min Scan# 645
Delta R.T. -0.006 min
Lab File: VN077350.D
Acq: 17 Apr 2023 10:50

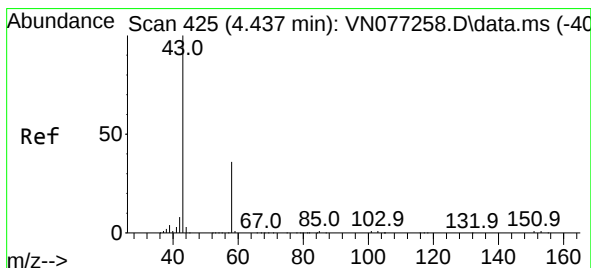
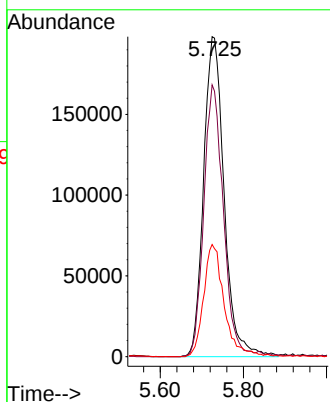
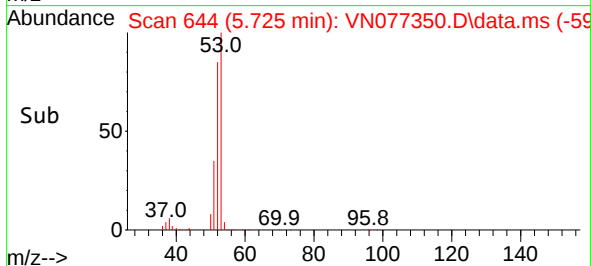
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



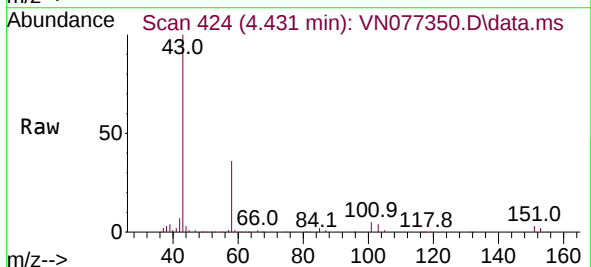
Tgt Ion: 53 Resp: 67785
Ion Ratio Lower Upper
53 100
52 80.8 65.2 97.8
51 35.0 28.1 42.1

Manual Integrations
APPROVED

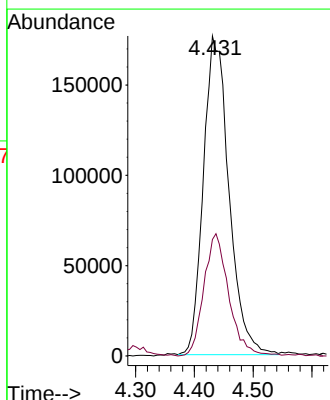
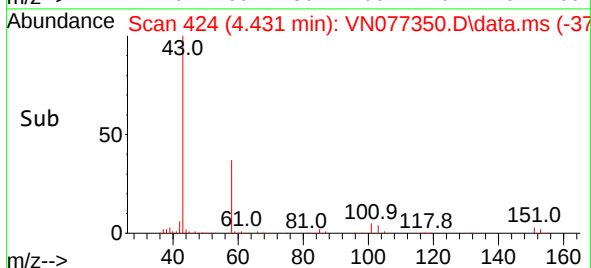
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023

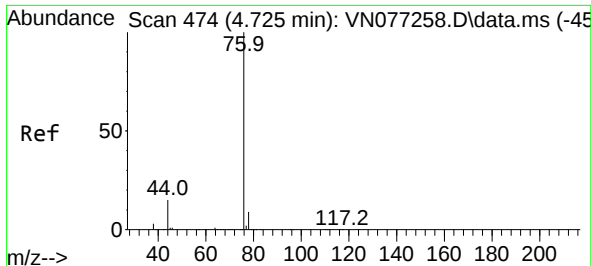


#16
Acetone
Concen: 229.017 ug/l
RT: 4.431 min Scan# 424
Delta R.T. -0.006 min
Lab File: VN077350.D
Acq: 17 Apr 2023 10:50



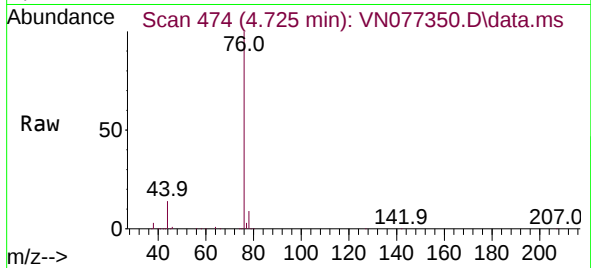
Tgt Ion: 43 Resp: 534005
Ion Ratio Lower Upper
43 100
58 36.6 29.0 43.6





#17
Carbon Disulfide
Concen: 50.285 ug/l
RT: 4.725 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN077350.D
Acq: 17 Apr 2023 10:50

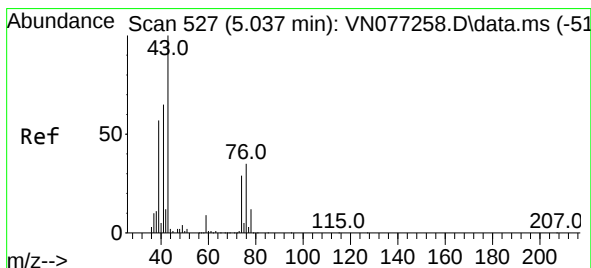
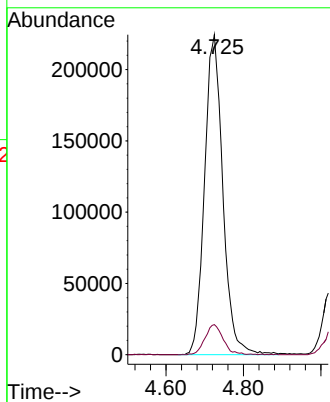
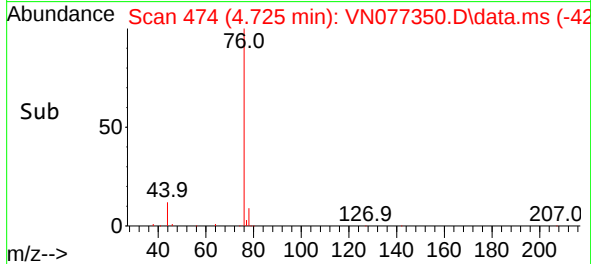
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



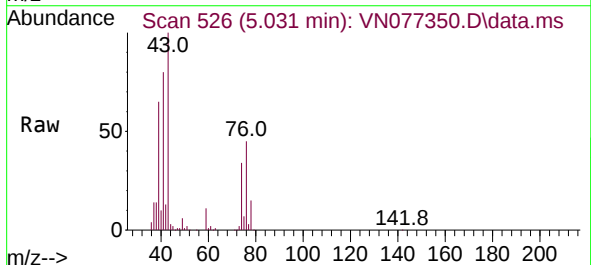
Tgt Ion: 76 Resp: 734990
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9

Manual Integrations
APPROVED

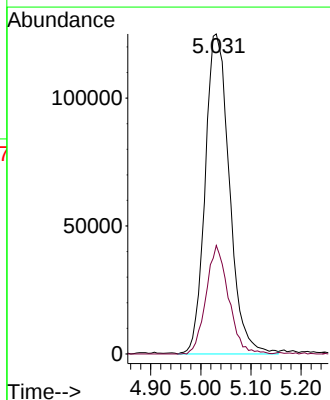
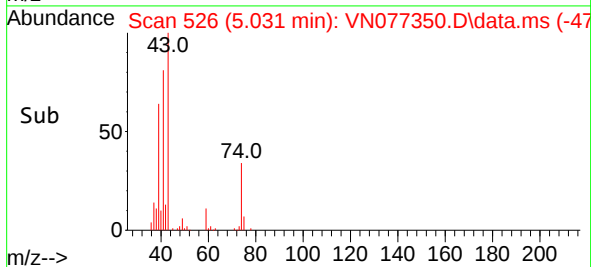
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023

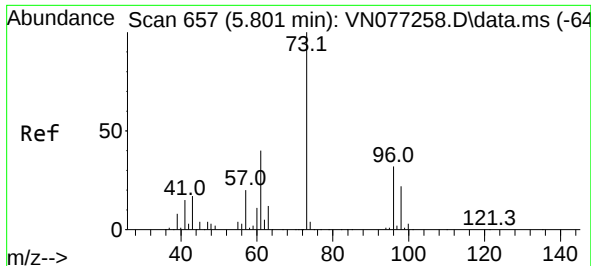


#18
Methyl Acetate
Concen: 47.314 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.006 min
Lab File: VN077350.D
Acq: 17 Apr 2023 10:50



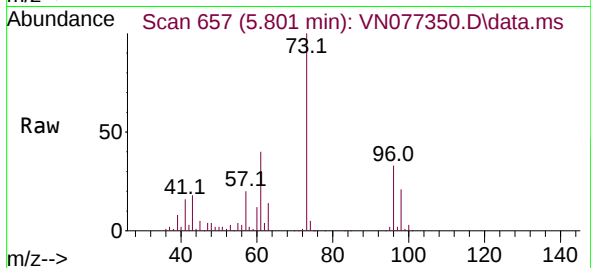
Tgt Ion: 43 Resp: 420171
Ion Ratio Lower Upper
43 100
74 31.5 23.4 35.2





#19
Methyl tert-butyl Ether
Concen: 54.054 ug/l
RT: 5.801 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077350.D
Acq: 17 Apr 2023 10:50

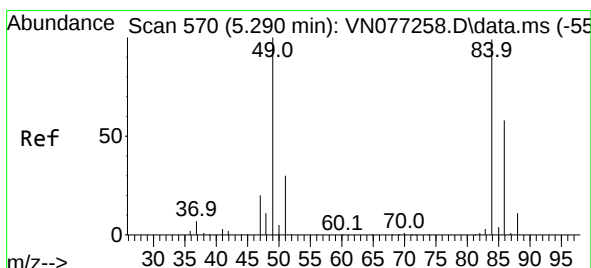
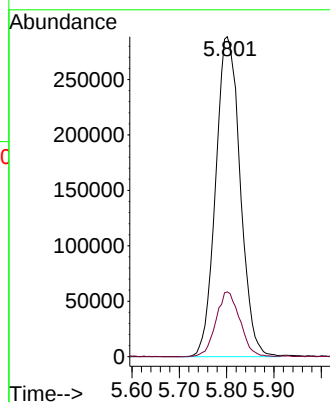
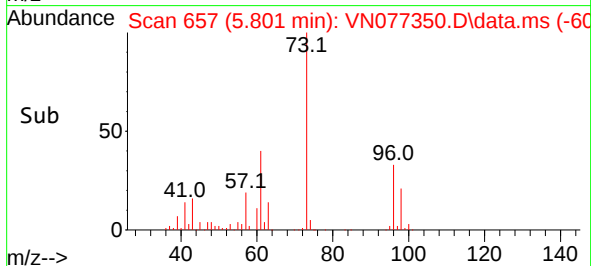
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 103963
Ion Ratio Lower Upper
73 100
57 20.2 16.2 24.4

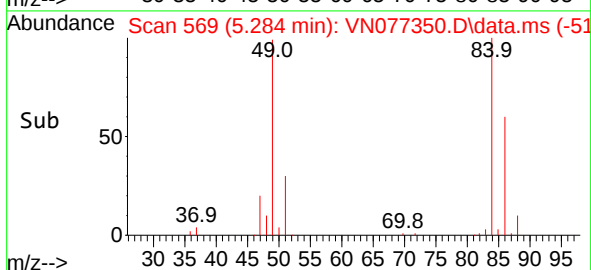
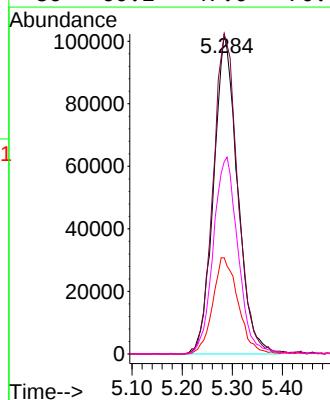
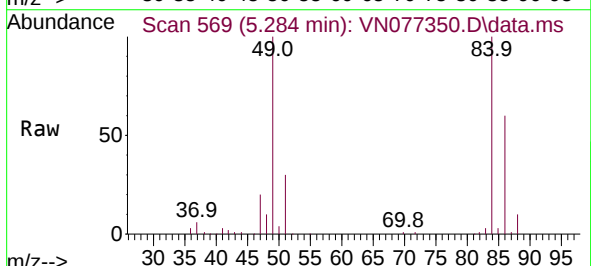
Manual Integrations
APPROVED

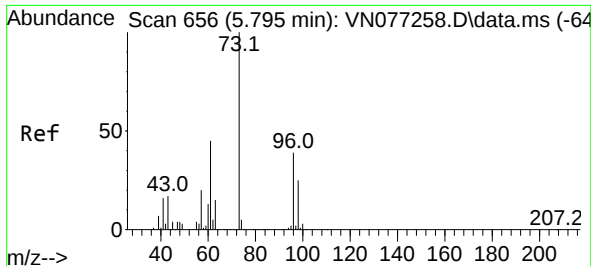
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#20
Methylene Chloride
Concen: 51.395 ug/l
RT: 5.284 min Scan# 569
Delta R.T. -0.006 min
Lab File: VN077350.D
Acq: 17 Apr 2023 10:50

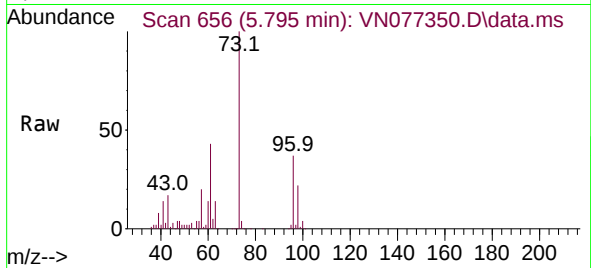
Tgt Ion: 84 Resp: 338447
Ion Ratio Lower Upper
84 100
49 100.2 80.6 121.0
51 30.1 24.4 36.6
86 60.2 47.0 70.6





#21
trans-1,2-Dichloroethene
Concen: 55.351 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077350.D
Acq: 17 Apr 2023 10:50

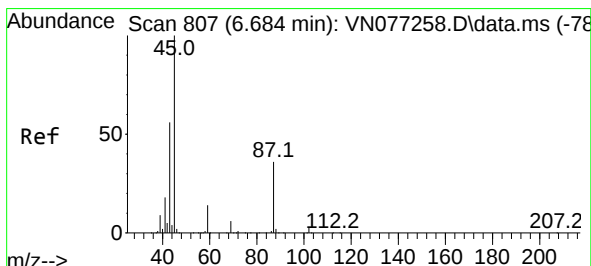
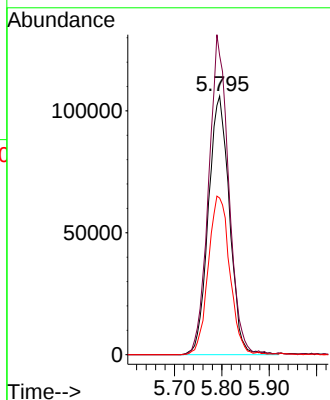
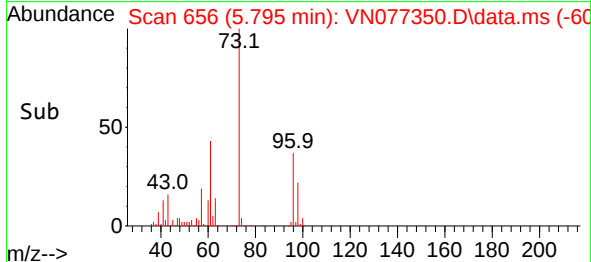
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



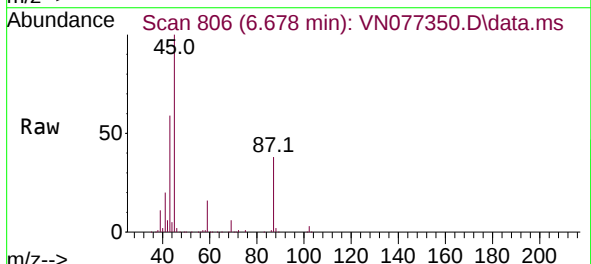
Tgt Ion: 96 Resp: 328498
Ion Ratio Lower Upper
96 100
61 115.7 93.8 140.6
98 60.6 50.9 76.3

Manual Integrations
APPROVED

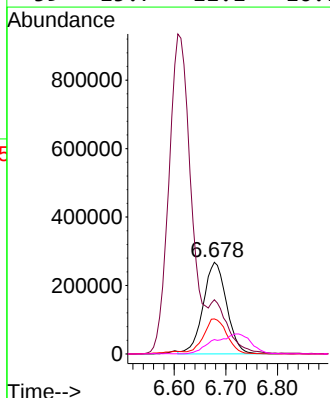
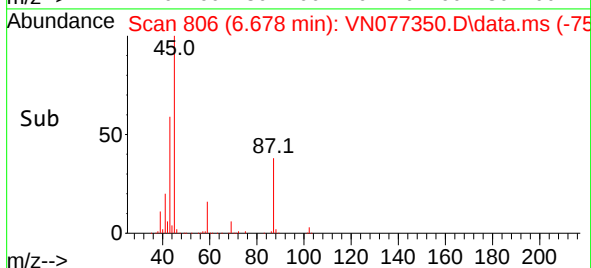
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023

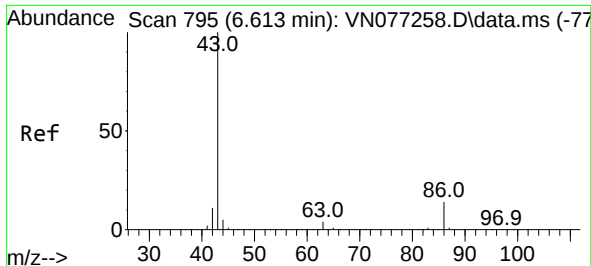


#22
Diisopropyl ether
Concen: 51.238 ug/l
RT: 6.678 min Scan# 806
Delta R.T. -0.006 min
Lab File: VN077350.D
Acq: 17 Apr 2023 10:50



Tgt Ion: 45 Resp: 840957
Ion Ratio Lower Upper
45 100
43 58.6 44.6 66.8
87 38.1 28.4 42.6
59 15.7 11.1 16.7





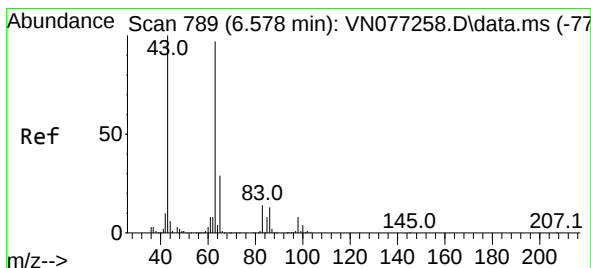
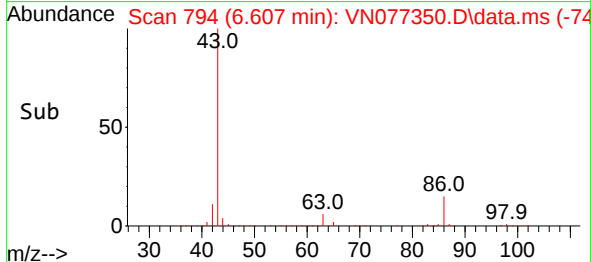
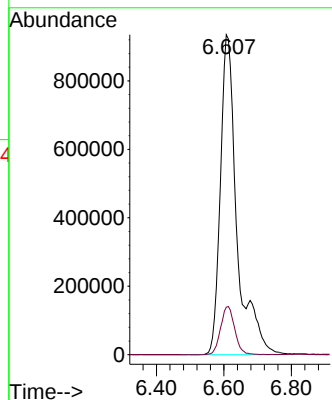
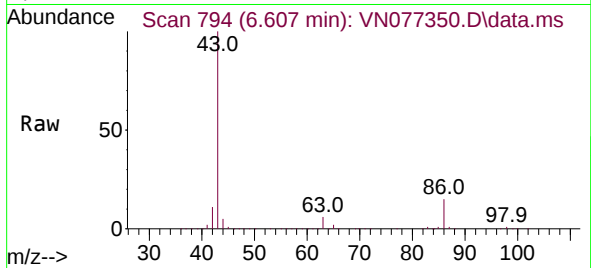
#23
 Vinyl Acetate
 Concen: 287.161 ug/l m
 RT: 6.607 min Scan# 794
 Delta R.T. -0.006 min
 Lab File: VN077350.D
 Acq: 17 Apr 2023 10:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 3186770
 Ion Ratio Lower Upper
 43 100
 86 14.8 11.2 16.8

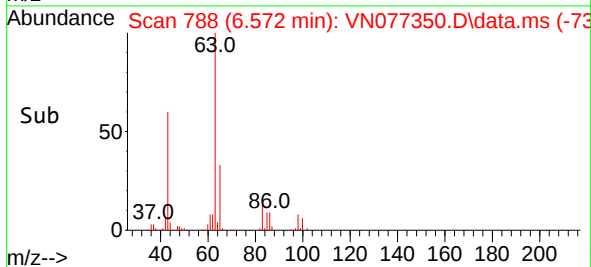
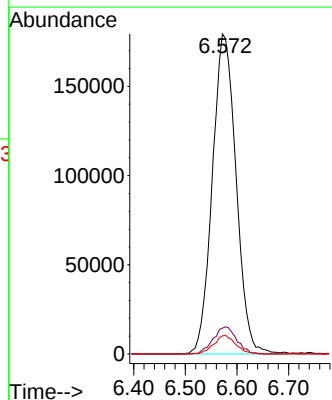
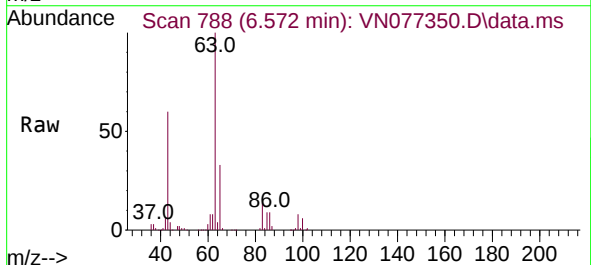
Manual Integrations
 APPROVED

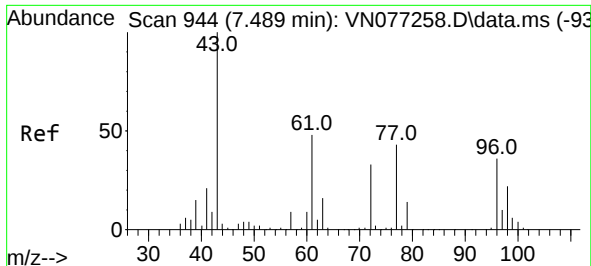
Reviewed By :John Carlone 04/18/2023
 Supervised By :Mahesh Dadoda 04/18/2023



#24
 1,1-Dichloroethane
 Concen: 54.002 ug/l
 RT: 6.572 min Scan# 788
 Delta R.T. -0.006 min
 Lab File: VN077350.D
 Acq: 17 Apr 2023 10:50

Tgt Ion: 63 Resp: 572344
 Ion Ratio Lower Upper
 63 100
 98 8.0 4.0 12.0
 100 5.7 2.3 6.9





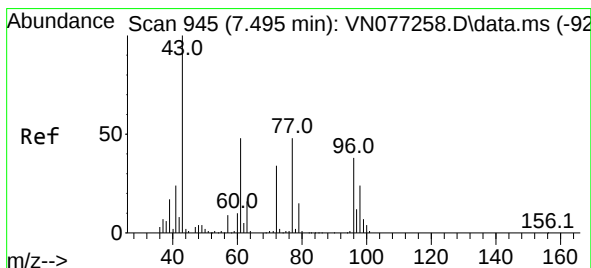
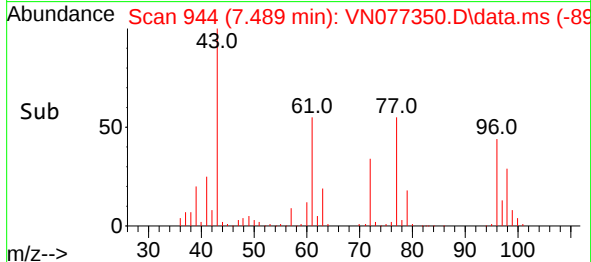
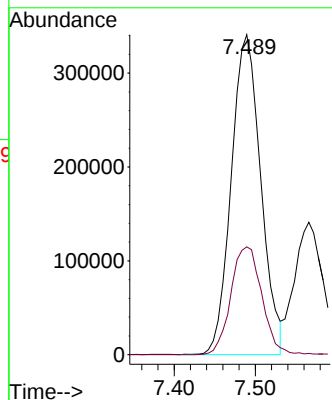
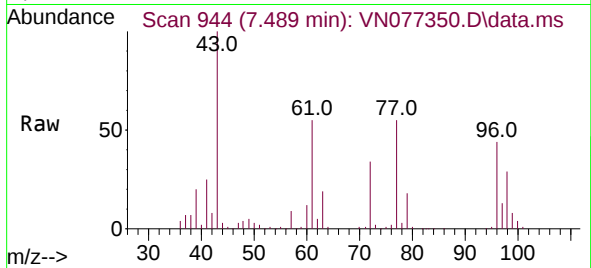
#25
2-Butanone
Concen: 227.935 ug/l
RT: 7.489 min Scan# 944
Delta R.T. 0.000 min
Lab File: VN077350.D
Acq: 17 Apr 2023 10:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 862580
Ion Ratio Lower Upper
43 100
72 33.7 26.6 39.8

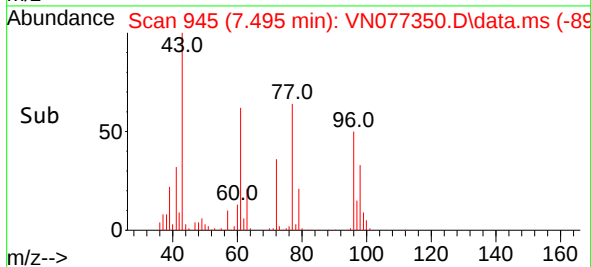
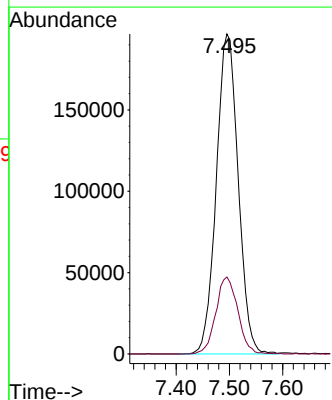
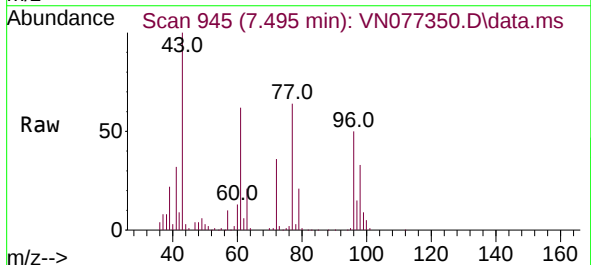
Manual Integrations
APPROVED

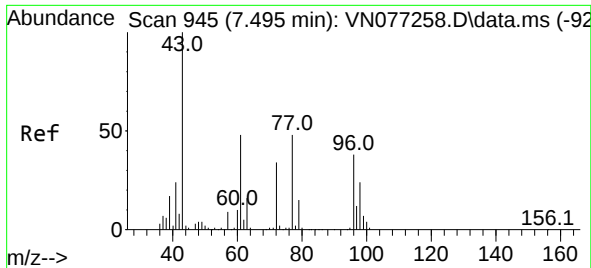
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#26
2,2-Dichloropropane
Concen: 57.803 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN077350.D
Acq: 17 Apr 2023 10:50

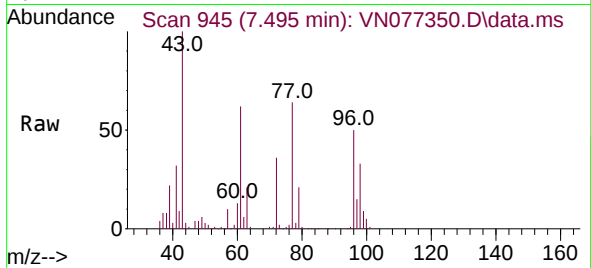
Tgt Ion: 77 Resp: 561762
Ion Ratio Lower Upper
77 100
97 24.2 12.0 36.1





#27
cis-1,2-Dichloroethene
Concen: 55.848 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN077350.D
Acq: 17 Apr 2023 10:50

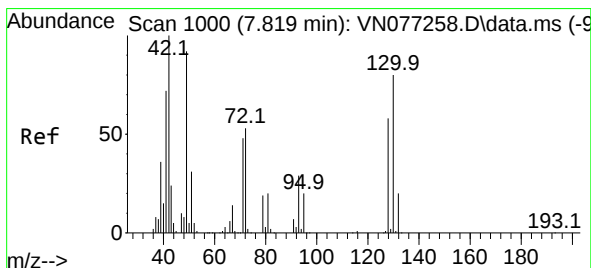
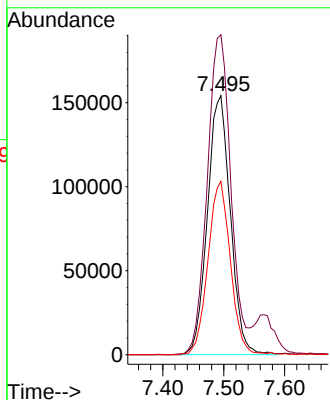
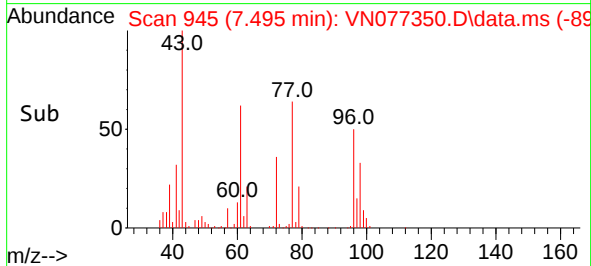
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 404759
Ion Ratio Lower Upper
96 100
61 127.4 0.0 261.0
98 65.1 0.0 128.0

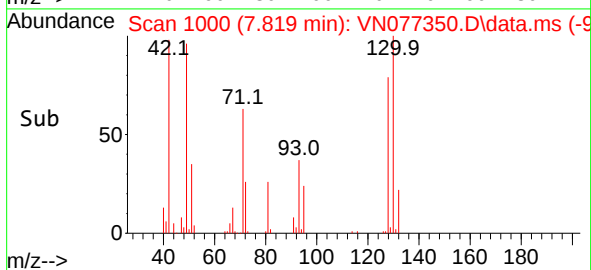
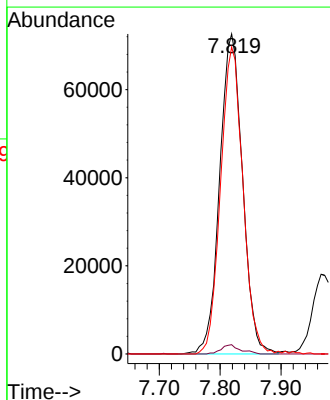
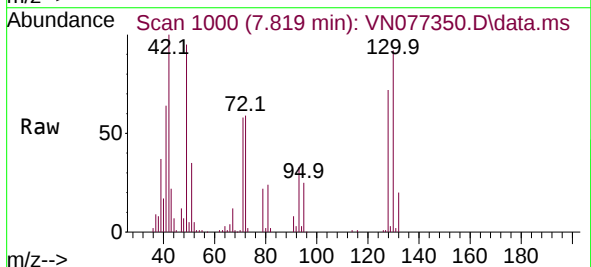
Manual Integrations
APPROVED

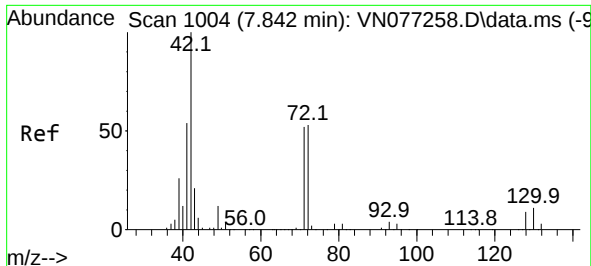
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#28
Bromochloromethane
Concen: 44.480 ug/l
RT: 7.819 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VN077350.D
Acq: 17 Apr 2023 10:50

Tgt Ion: 49 Resp: 189633
Ion Ratio Lower Upper
49 100
129 2.4 0.0 4.4
130 93.6 68.4 102.6





#29

Tetrahydrofuran

Concen: 222.477 ug/l

RT: 7.836 min Scan# 1003

Delta R.T. -0.006 min

Lab File: VN077350.D

Acq: 17 Apr 2023 10:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

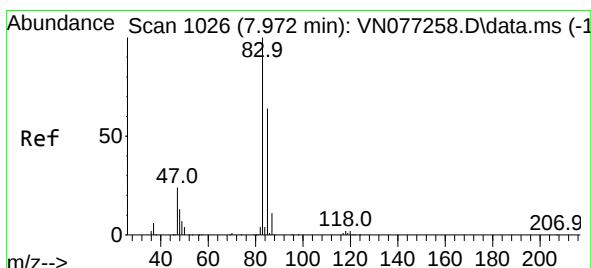
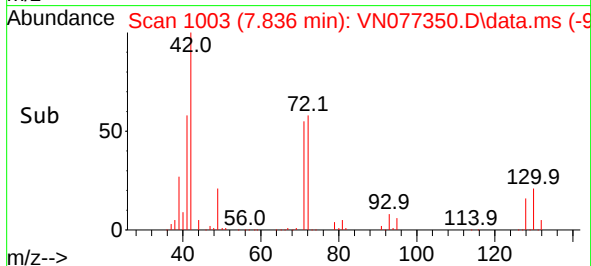
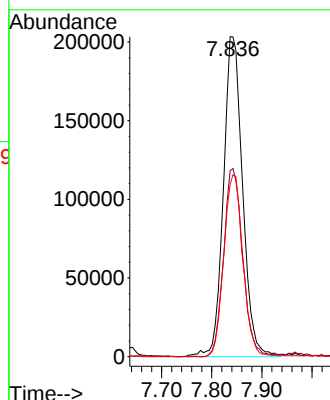
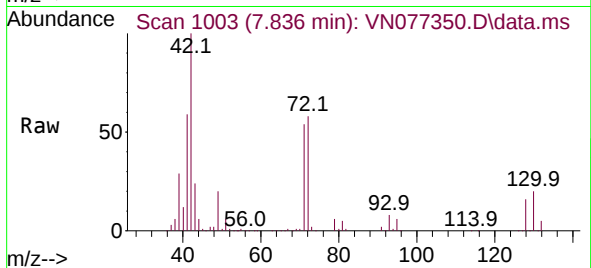
Tgt Ion:	42	Resp:	54121
Ion	Ratio	Lower	Upper
42	100		
72	58.5	44.6	66.8
71	56.6	41.3	61.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/18/2023

Supervised By :Mahesh Dadoda 04/18/2023



#30

Chloroform

Concen: 56.601 ug/l

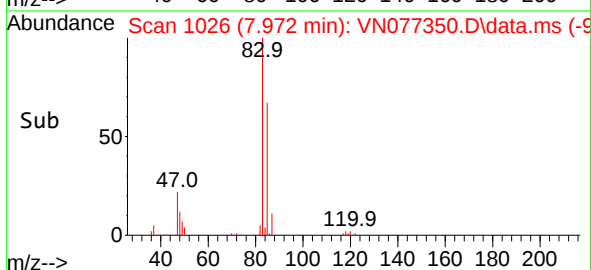
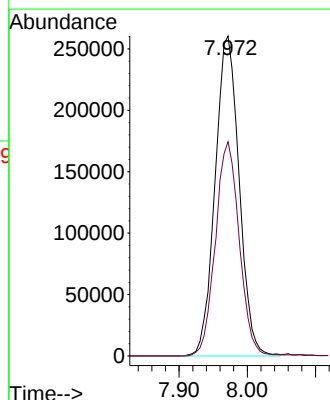
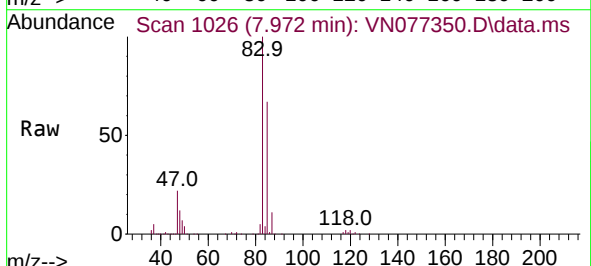
RT: 7.972 min Scan# 1026

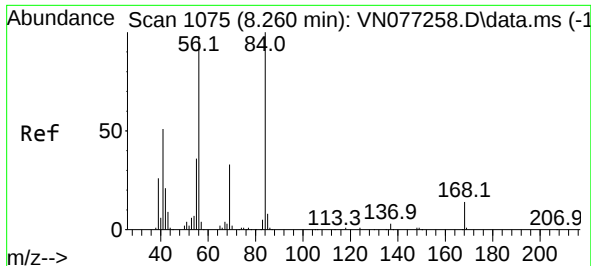
Delta R.T. -0.000 min

Lab File: VN077350.D

Acq: 17 Apr 2023 10:50

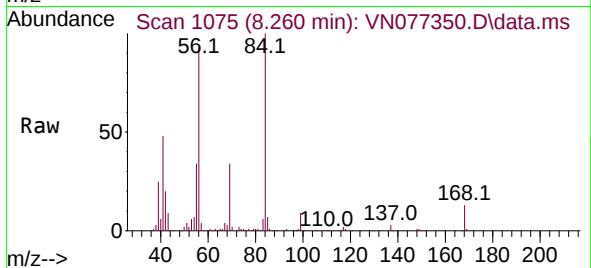
Tgt Ion:	83	Resp:	639722
Ion	Ratio	Lower	Upper
83	100		
85	66.9	50.9	76.3





#31
Cyclohexane
Concen: 48.060 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VN077350.D
Acq: 17 Apr 2023 10:50

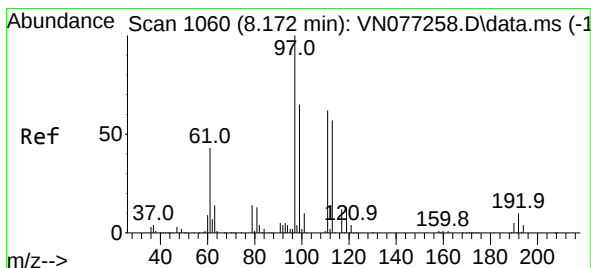
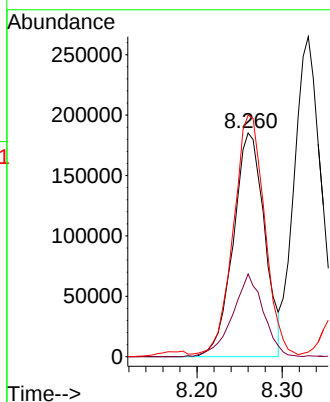
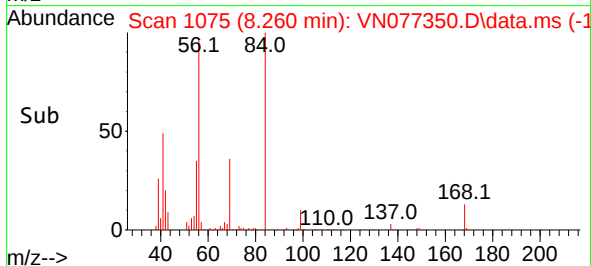
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



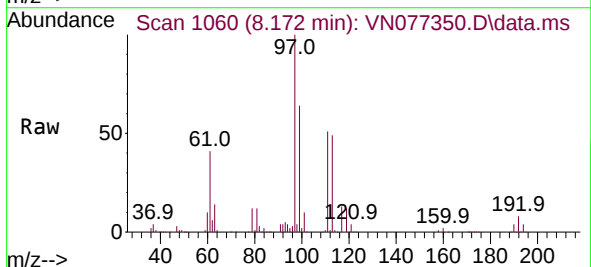
Tgt Ion: 56 Resp: 472275
Ion Ratio Lower Upper
56 100
69 37.0 26.6 40.0
84 105.9 81.8 122.8

Manual Integrations
APPROVED

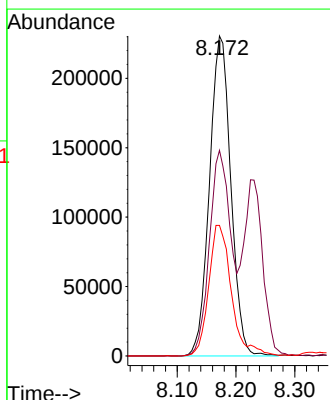
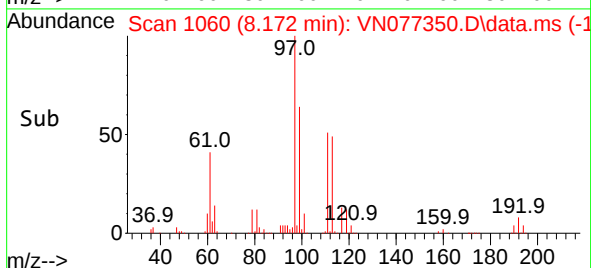
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023

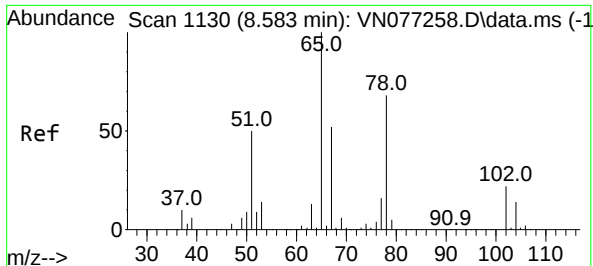


#32
1,1,1-Trichloroethane
Concen: 56.514 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077350.D
Acq: 17 Apr 2023 10:50



Tgt Ion: 97 Resp: 580909
Ion Ratio Lower Upper
97 100
99 64.0 54.2 81.4
61 43.5 35.8 53.6





#33

1,2-Dichloroethane-d4

Concen: 48.131 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN077350.D

Acq: 17 Apr 2023 10:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 30438

Ion Ratio Lower Upper

65 100

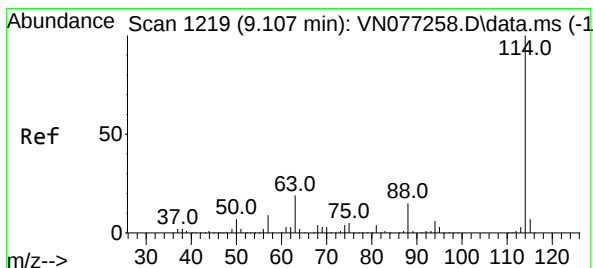
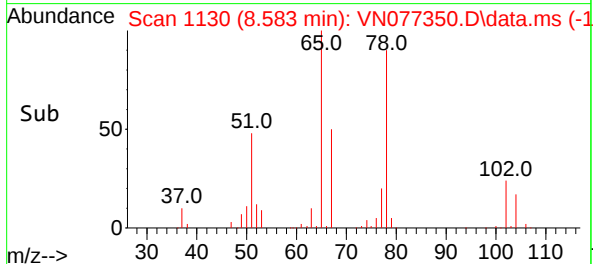
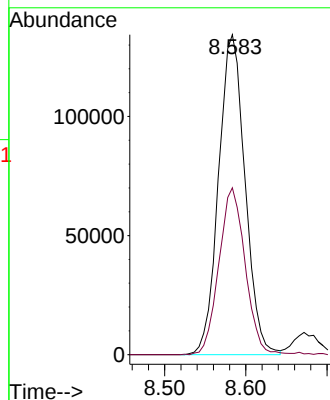
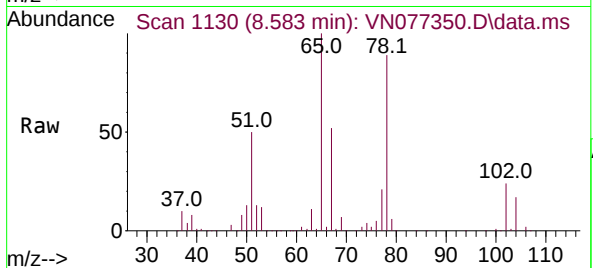
67 51.7 0.0 108.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/18/2023

Supervised By :Mahesh Dadoda 04/18/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VN077350.D

Acq: 17 Apr 2023 10:50

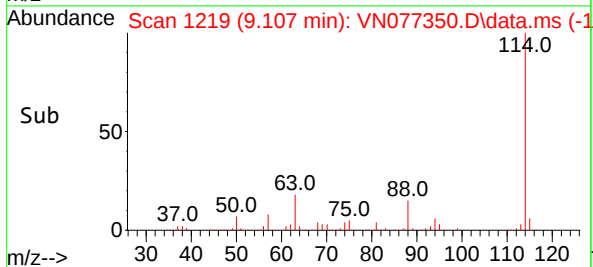
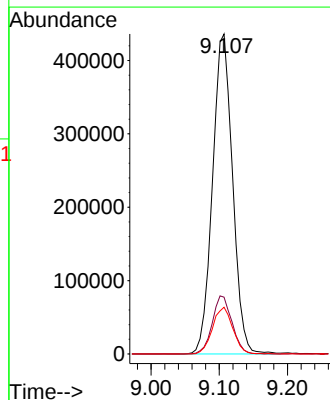
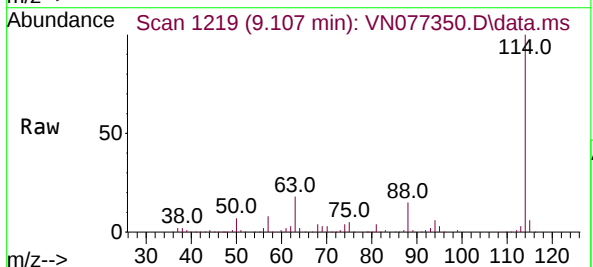
Tgt Ion:114 Resp: 892229

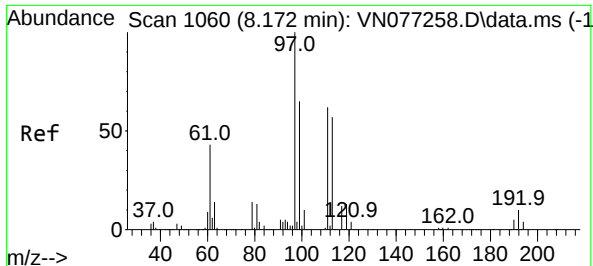
Ion Ratio Lower Upper

114 100

63 17.7 0.0 37.8

88 14.6 0.0 29.4





#35

Dibromofluoromethane

Concen: 48.736 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077350.D

Acq: 17 Apr 2023 10:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

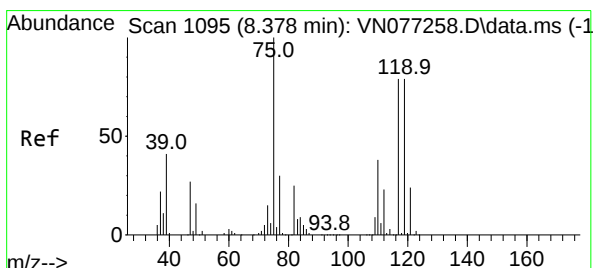
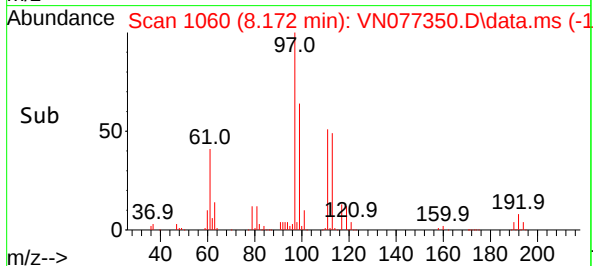
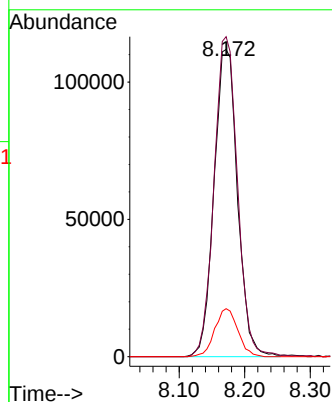
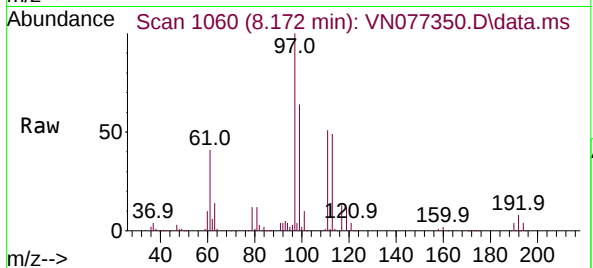
Tgt Ion:	113	Resp:	278372
Ion	Ratio	Lower	Upper
113	100		
111	103.9	83.4	125.0
192	15.3	13.5	20.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/18/2023

Supervised By :Mahesh Dadoda 04/18/2023



#36

1,1-Dichloropropene

Concen: 55.751 ug/l

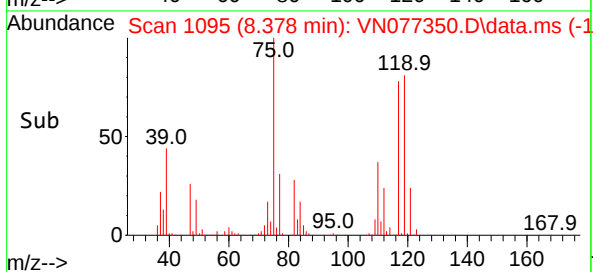
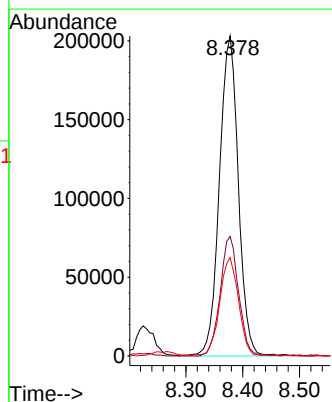
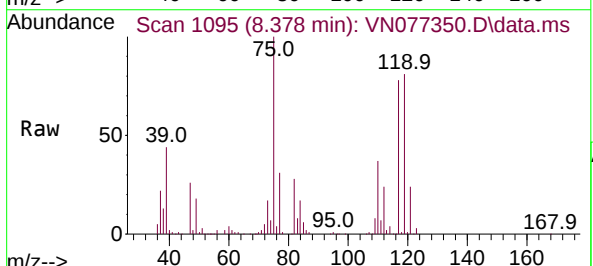
RT: 8.378 min Scan# 1095

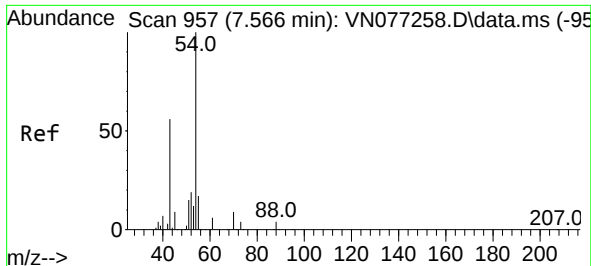
Delta R.T. -0.000 min

Lab File: VN077350.D

Acq: 17 Apr 2023 10:50

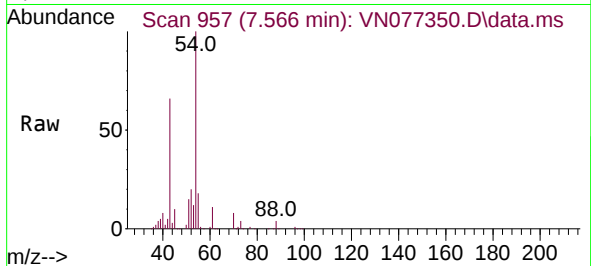
Tgt Ion:	75	Resp:	470972
Ion	Ratio	Lower	Upper
75	100		
110	36.4	17.8	53.5
77	30.8	25.0	37.4





#37
Ethyl Acetate
Concen: 47.349 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN077350.D
Acq: 17 Apr 2023 10:50

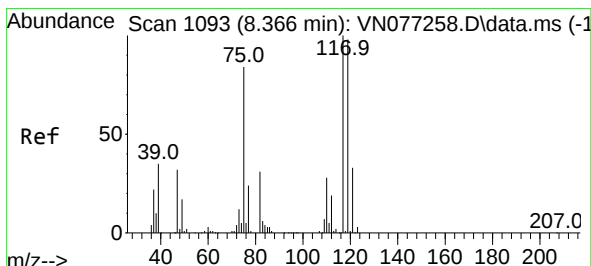
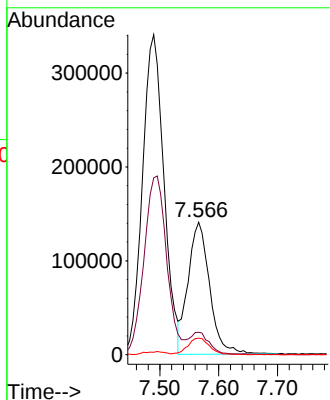
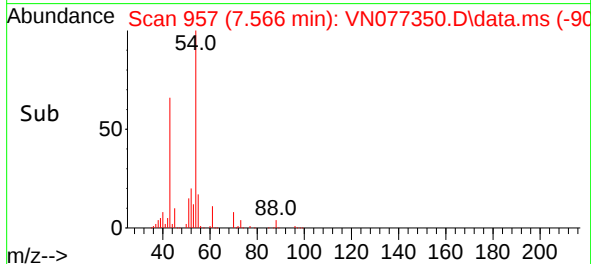
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 35787
Ion Ratio Lower Upper
43 100
61 15.0 12.2 18.2
70 12.7 10.0 15.0

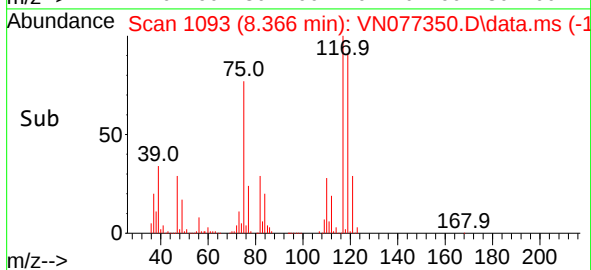
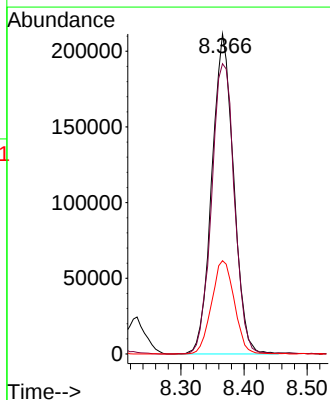
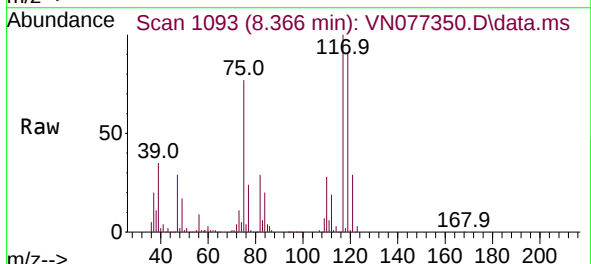
Manual Integrations
APPROVED

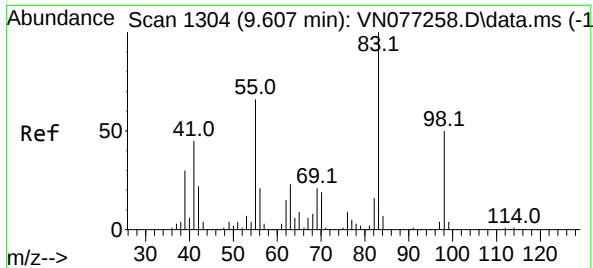
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#38
Carbon Tetrachloride
Concen: 58.411 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.000 min
Lab File: VN077350.D
Acq: 17 Apr 2023 10:50

Tgt Ion:117 Resp: 505548
Ion Ratio Lower Upper
117 100
119 90.5 78.5 117.7
121 29.2 26.6 40.0





#39

Methylcyclohexane

Concen: 54.061 ug/l

RT: 9.607 min Scan# 11304

Delta R.T. -0.000 min

Lab File: VN077350.D

Acq: 17 Apr 2023 10:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

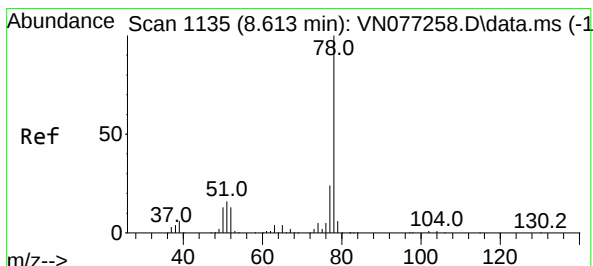
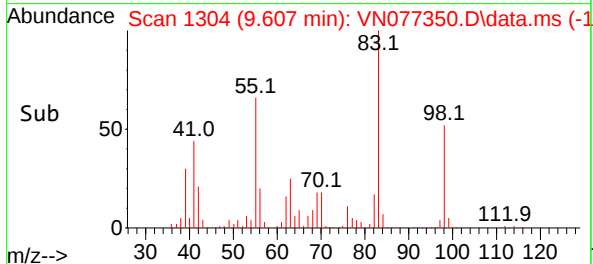
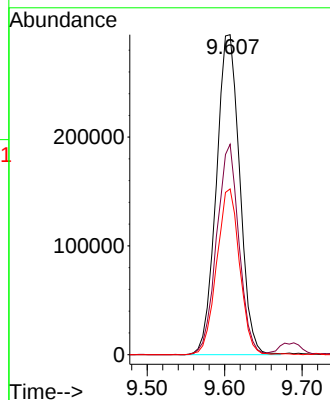
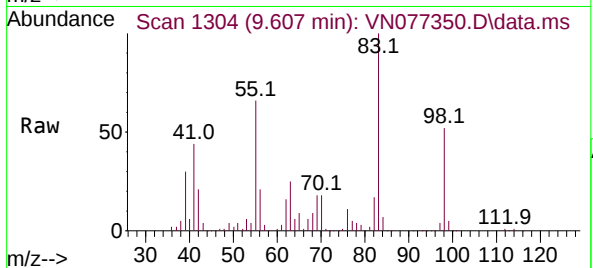
Tgt Ion: 83 Resp: 615820
 Ion Ratio Lower Upper
 83 100
 55 65.7 52.4 78.6
 98 51.8 39.8 59.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/18/2023

Supervised By :Mahesh Dadoda 04/18/2023



#40

Benzene

Concen: 53.911 ug/l

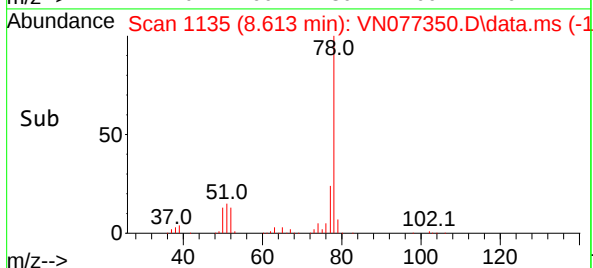
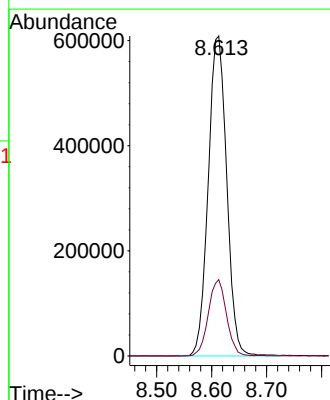
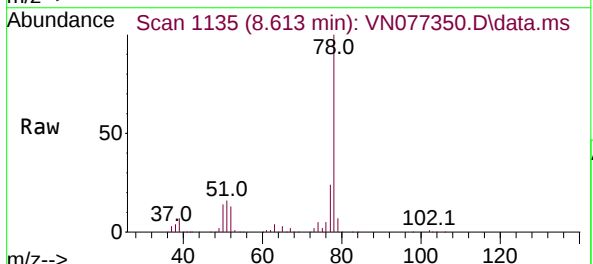
RT: 8.613 min Scan# 1135

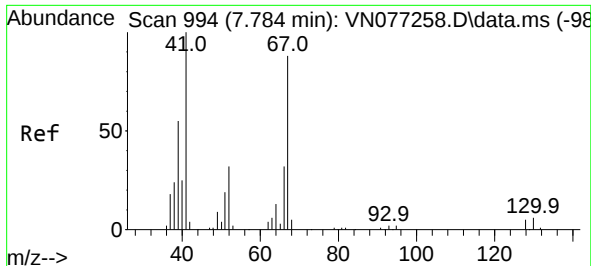
Delta R.T. -0.000 min

Lab File: VN077350.D

Acq: 17 Apr 2023 10:50

Tgt Ion: 78 Resp: 1420529
 Ion Ratio Lower Upper
 78 100
 77 23.9 19.5 29.3





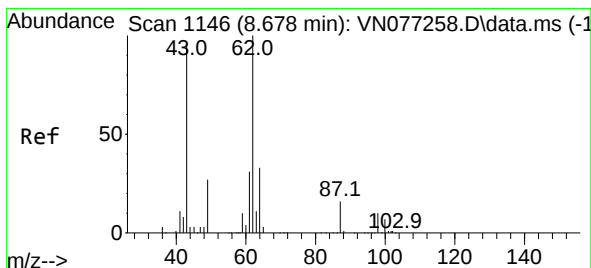
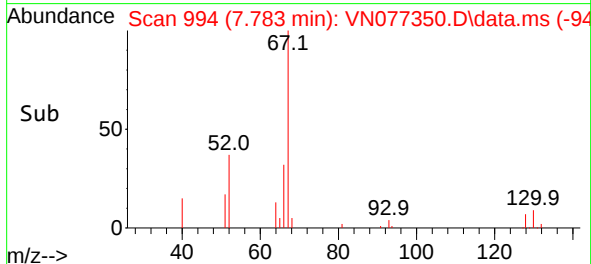
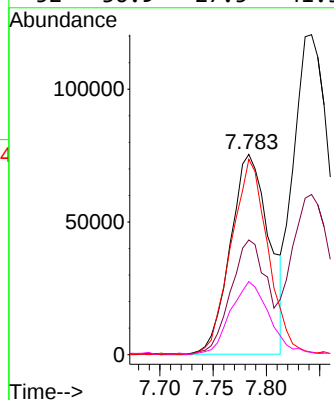
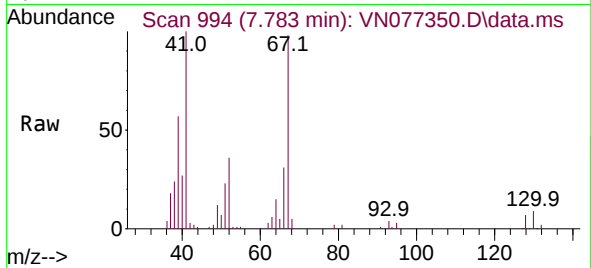
#41
Methacrylonitrile
Concen: 47.272 ug/l
RT: 7.783 min Scan# 994
Delta R.T. -0.001 min
Lab File: VN077350.D
Acq: 17 Apr 2023 10:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 19205
Ion Ratio Lower Upper
41 100
39 51.9 44.1 66.1
67 93.1 71.4 107.2
52 36.9 27.5 41.3

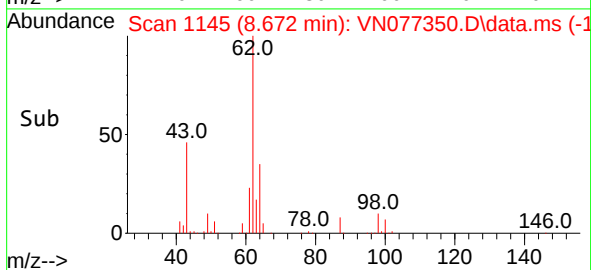
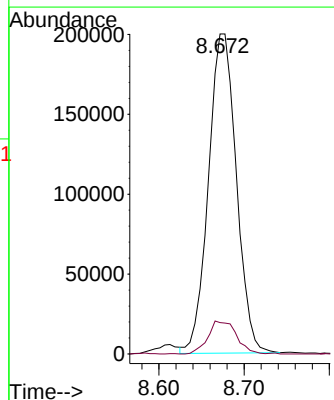
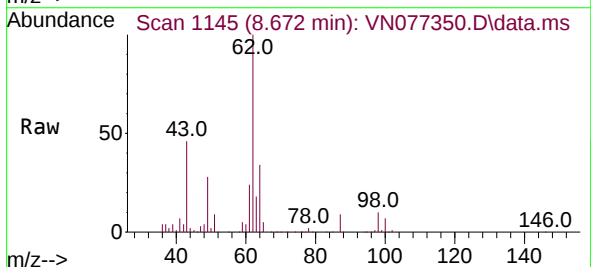
Manual Integrations
APPROVED

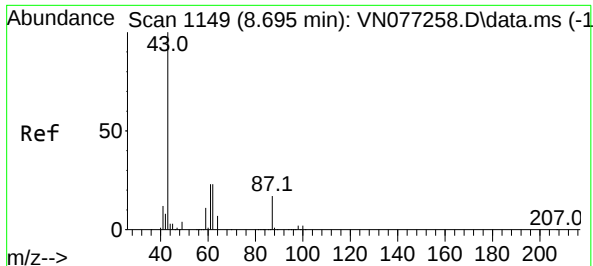
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#42
1,2-Dichloroethane
Concen: 56.274 ug/l
RT: 8.672 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN077350.D
Acq: 17 Apr 2023 10:50

Tgt Ion: 62 Resp: 456365
Ion Ratio Lower Upper
62 100
98 10.5 0.0 20.2





#43

Isopropyl Acetate

Concen: 46.232 ug/l

RT: 8.689 min Scan# 1149

Delta R.T. -0.006 min

Lab File: VN077350.D

Acq: 17 Apr 2023 10:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 644790

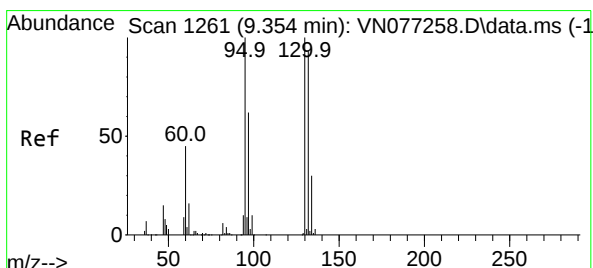
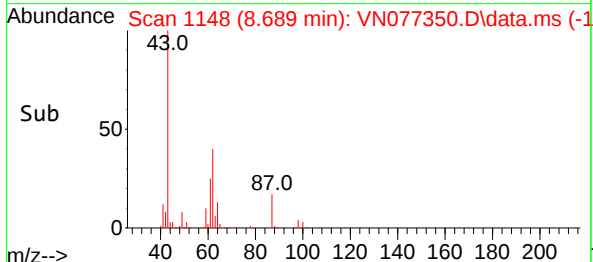
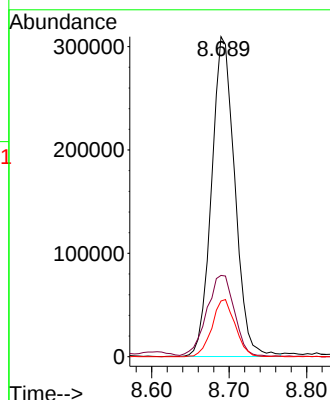
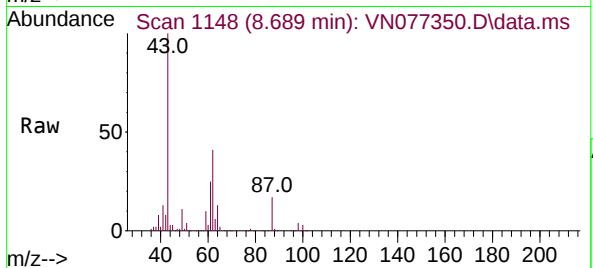
Ion	Ratio	Lower	Upper
43	100		
61	30.1	22.7	34.1
87	17.8	13.6	20.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/18/2023

Supervised By :Mahesh Dadoda 04/18/2023



#44

Trichloroethene

Concen: 57.852 ug/l

RT: 9.354 min Scan# 1261

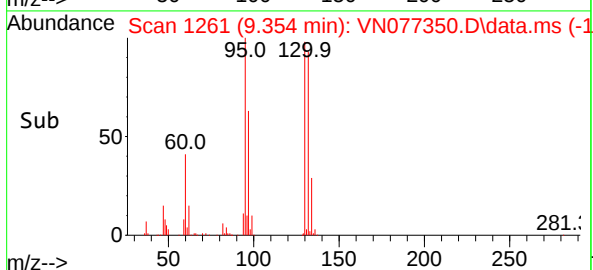
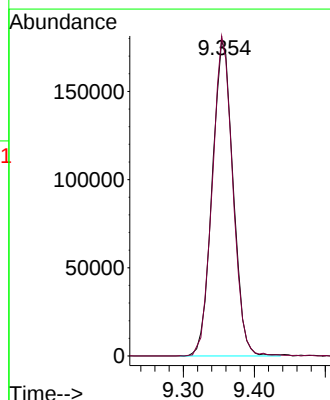
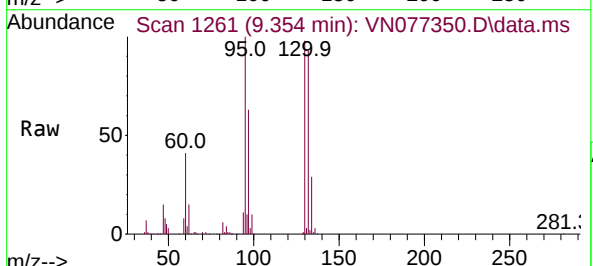
Delta R.T. -0.000 min

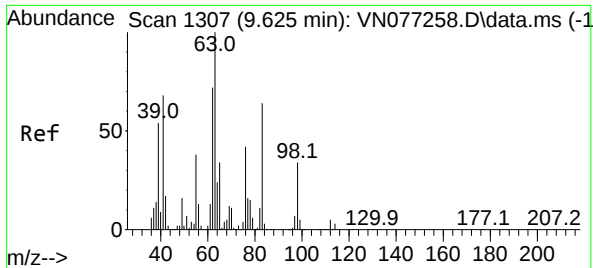
Lab File: VN077350.D

Acq: 17 Apr 2023 10:50

Tgt Ion:130 Resp: 364744

Ion	Ratio	Lower	Upper
130	100		
95	101.5	0.0	200.2





#45

1,2-Dichloropropane

Concen: 54.924 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VN077350.D

Acq: 17 Apr 2023 10:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 343714

Ion Ratio Lower Upper

63 100

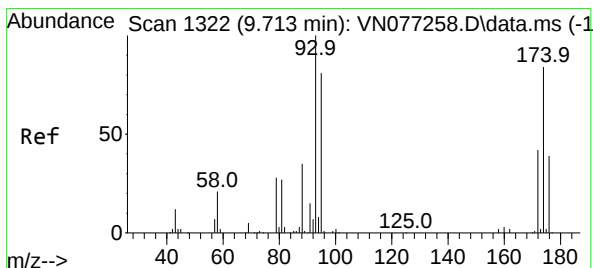
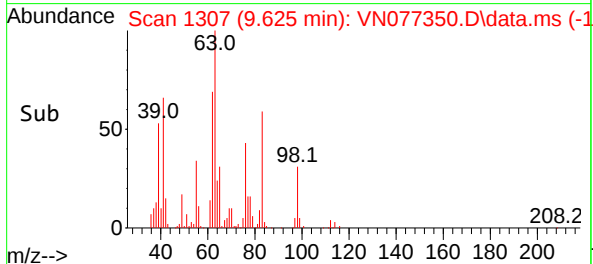
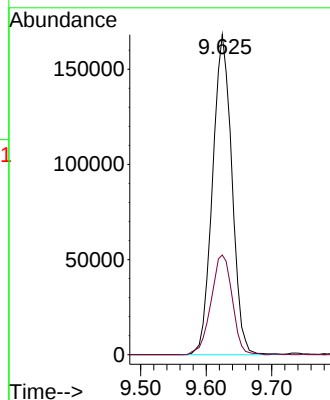
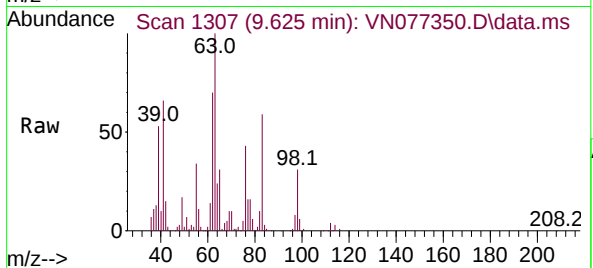
65 31.2 27.1 40.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/18/2023

Supervised By :Mahesh Dadoda 04/18/2023



#46

Dibromomethane

Concen: 55.229 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077350.D

Acq: 17 Apr 2023 10:50

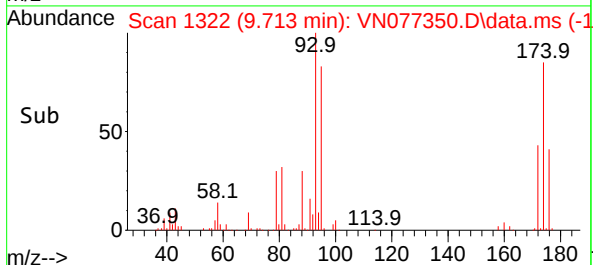
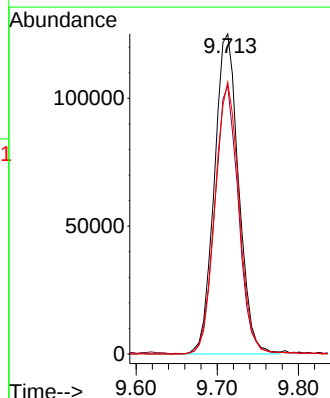
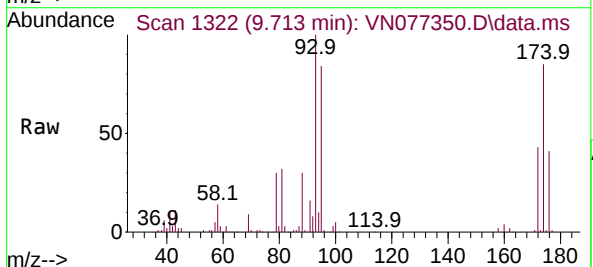
Tgt Ion: 93 Resp: 260401

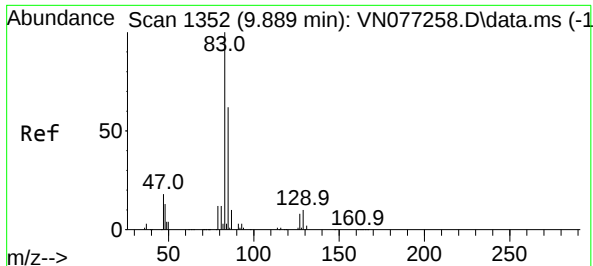
Ion Ratio Lower Upper

93 100

95 82.1 65.8 98.6

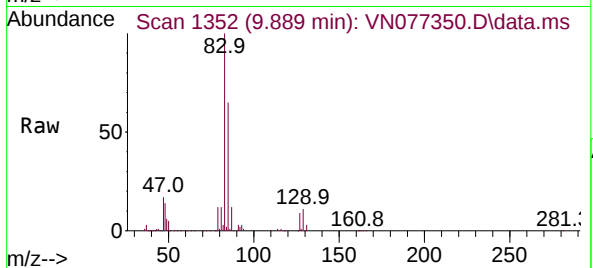
174 84.0 66.0 99.0





#47
Bromodichloromethane
Concen: 55.430 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN077350.D
Acq: 17 Apr 2023 10:50

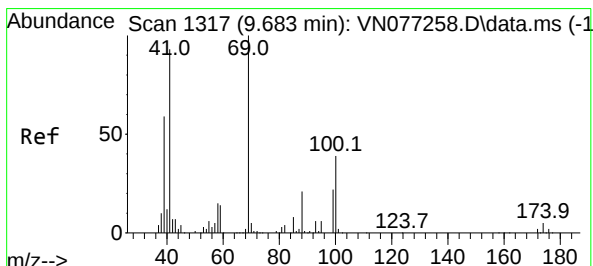
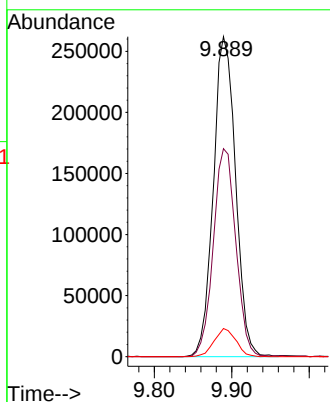
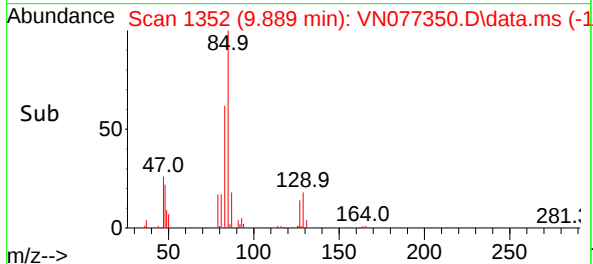
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 522370
Ion Ratio Lower Upper
83 100
85 65.0 49.8 74.8
127 8.8 6.2 9.2

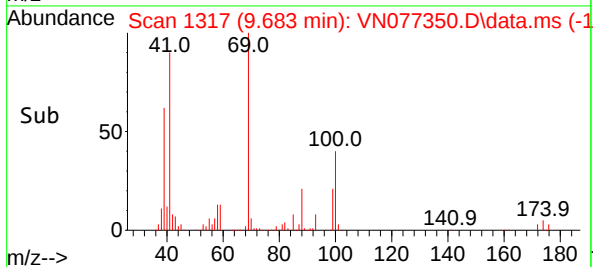
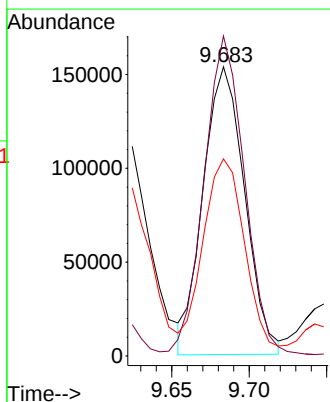
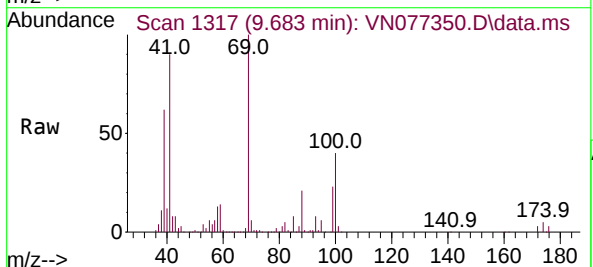
Manual Integrations
APPROVED

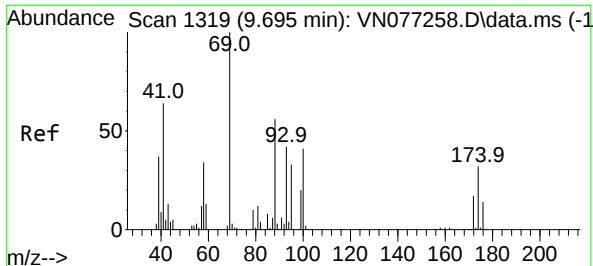
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#48
Methyl methacrylate
Concen: 48.074 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN077350.D
Acq: 17 Apr 2023 10:50

Tgt Ion: 41 Resp: 286021
Ion Ratio Lower Upper
41 100
69 107.8 85.0 127.6
39 69.4 53.5 80.3





#49

1,4-Dioxane

Concen: 963.475 ug/l

RT: 9.695 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN077350.D

Acq: 17 Apr 2023 10:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

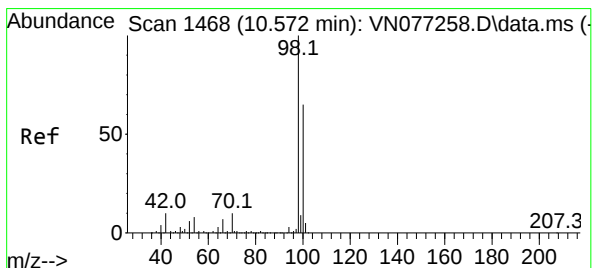
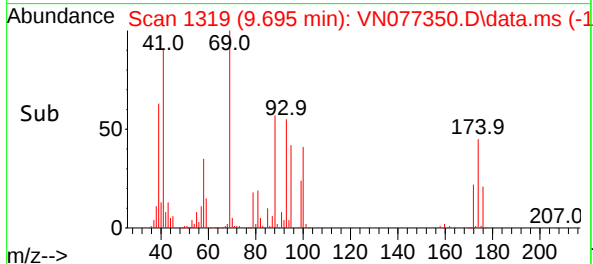
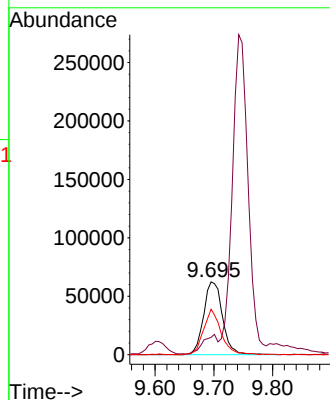
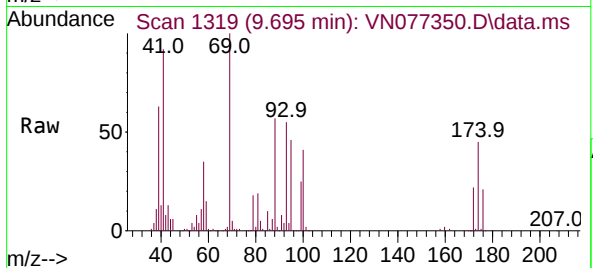
Tgt Ion: 88 Resp: 138970
 Ion Ratio Lower Upper
 88 100
 43 20.4 17.0 25.6
 58 58.0 49.8 74.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/18/2023

Supervised By :Mahesh Dadoda 04/18/2023



#50

Toluene-d8

Concen: 47.288 ug/l

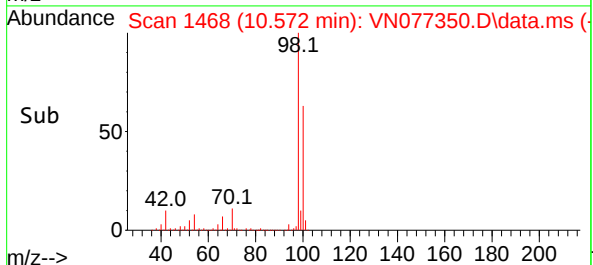
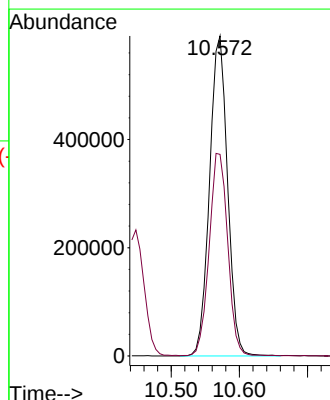
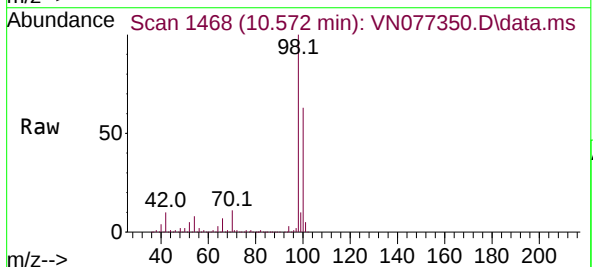
RT: 10.572 min Scan# 1468

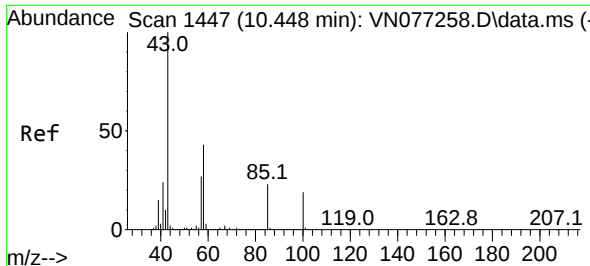
Delta R.T. -0.000 min

Lab File: VN077350.D

Acq: 17 Apr 2023 10:50

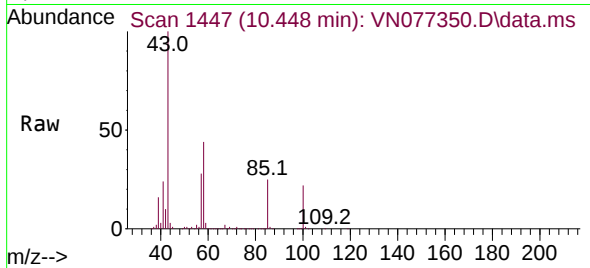
Tgt Ion: 98 Resp: 1087317
 Ion Ratio Lower Upper
 98 100
 100 65.2 51.3 76.9





#51
4-Methyl-2-Pentanone
Concen: 236.577 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077350.D
Acq: 17 Apr 2023 10:50

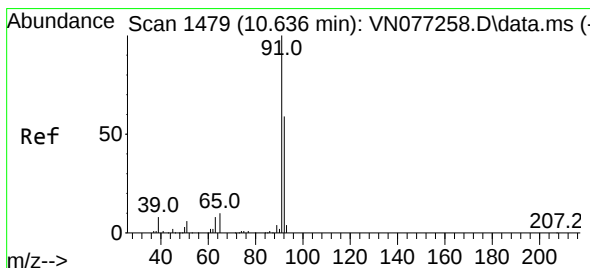
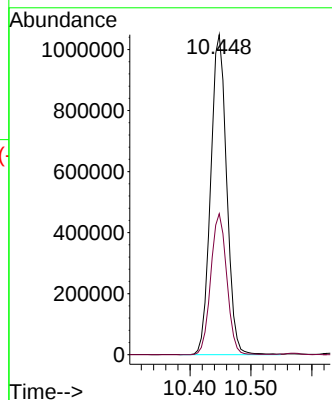
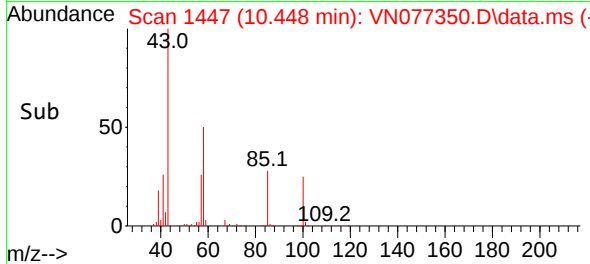
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 190718
Ion Ratio Lower Upper
43 100
58 44.2 34.6 52.0

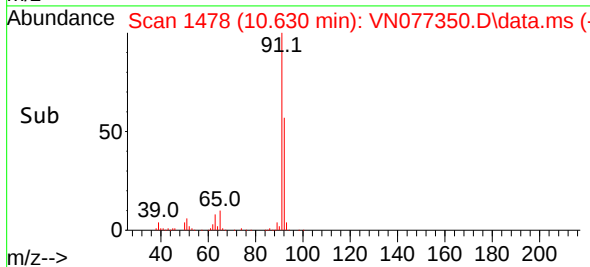
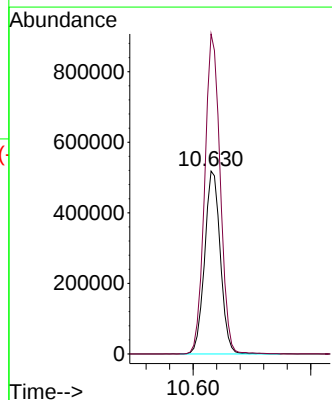
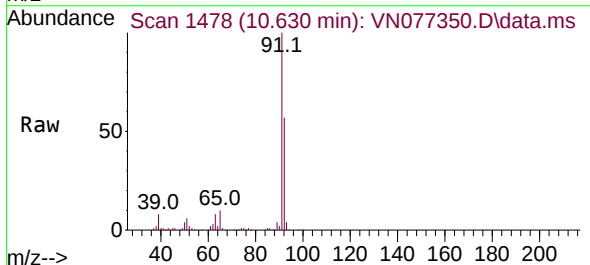
Manual Integrations
APPROVED

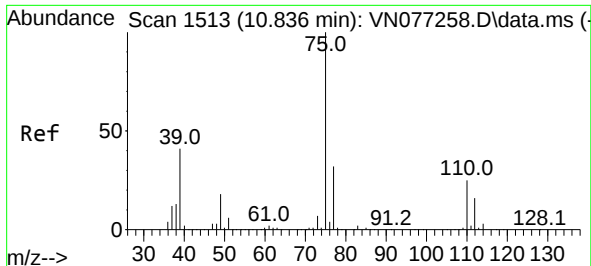
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#52
Toluene
Concen: 55.653 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. -0.006 min
Lab File: VN077350.D
Acq: 17 Apr 2023 10:50

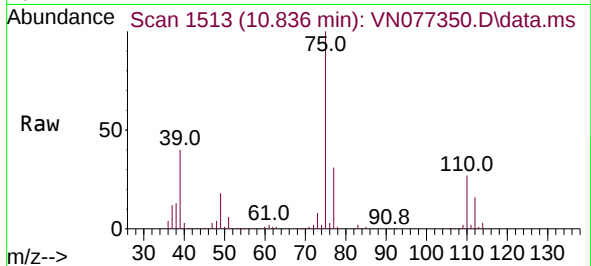
Tgt Ion: 92 Resp: 959840
Ion Ratio Lower Upper
92 100
91 173.2 138.0 207.0





#53
t-1,3-Dichloropropene
Concen: 56.576 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN077350.D
Acq: 17 Apr 2023 10:50

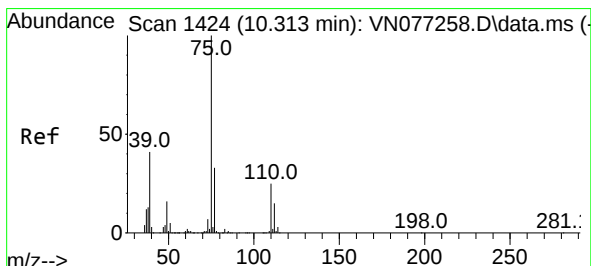
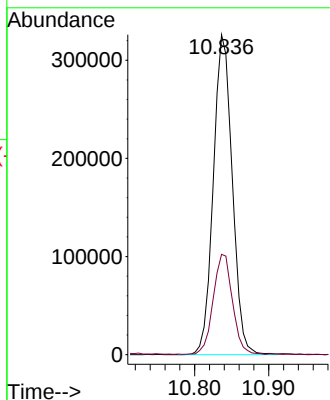
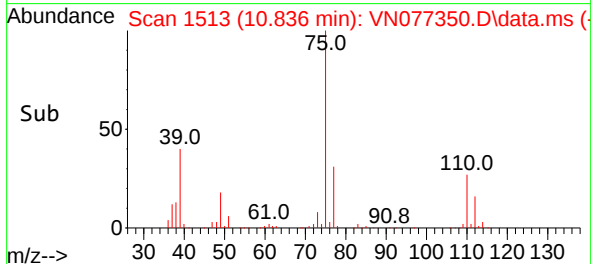
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 578972
Ion Ratio Lower Upper
75 100
77 31.1 25.4 38.0

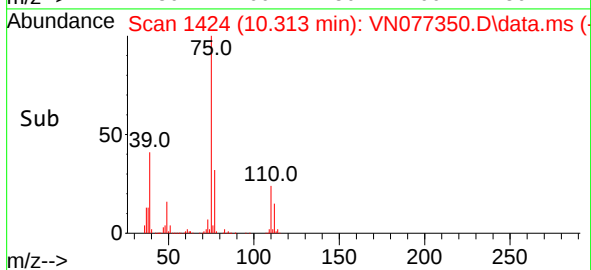
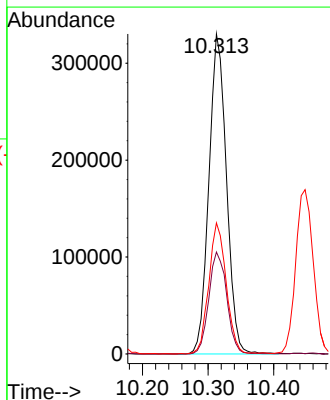
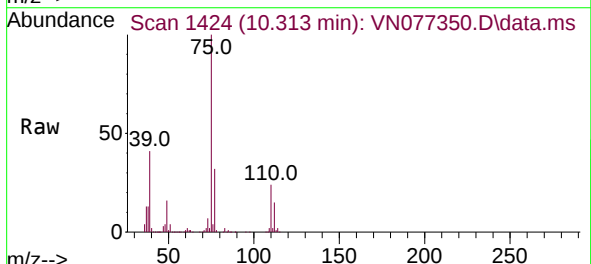
Manual Integrations
APPROVED

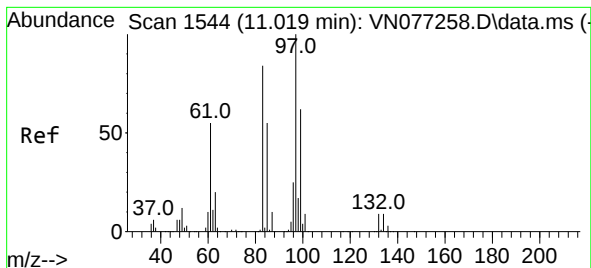
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#54
cis-1,3-Dichloropropene
Concen: 56.375 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VN077350.D
Acq: 17 Apr 2023 10:50

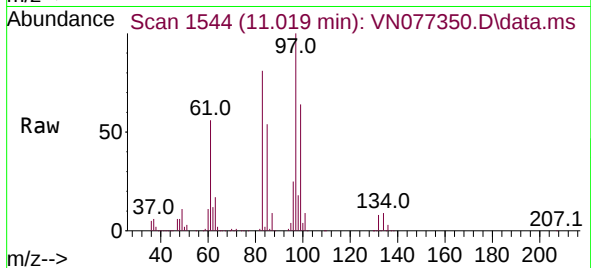
Tgt Ion: 75 Resp: 614516
Ion Ratio Lower Upper
75 100
77 31.9 26.7 40.1
39 40.9 32.8 49.2





#55
1,1,2-Trichloroethane
Concen: 55.723 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN077350.D
Acq: 17 Apr 2023 10:50

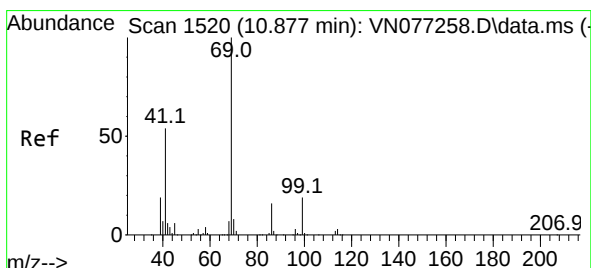
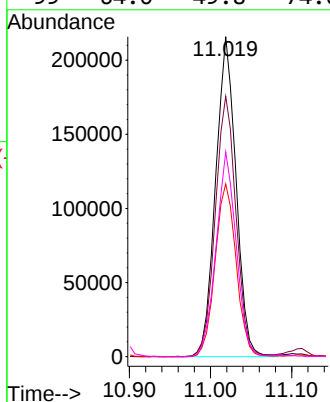
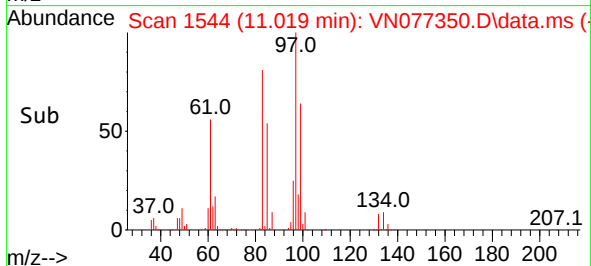
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



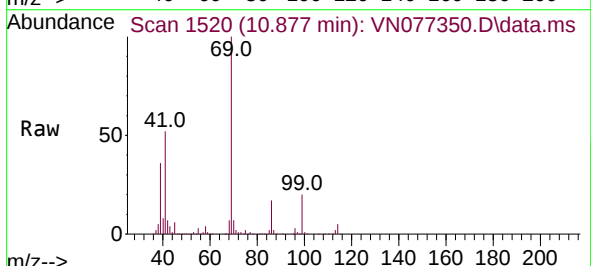
Tgt Ion: 97 Resp: 377254
Ion Ratio Lower Upper
97 100
83 81.3 67.4 101.2
85 54.0 44.1 66.1
99 64.0 49.8 74.6

Manual Integrations
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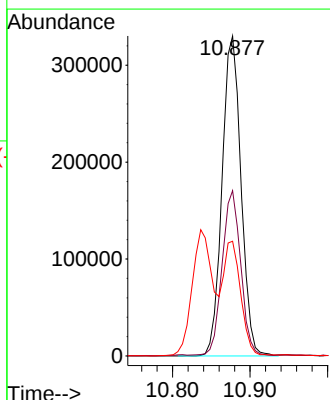
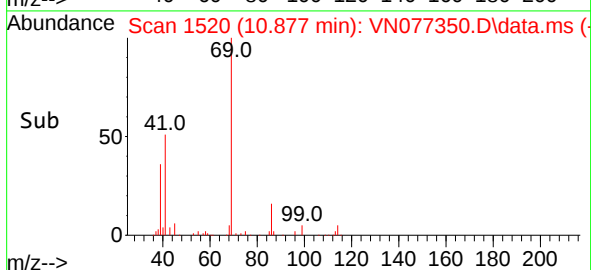
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023

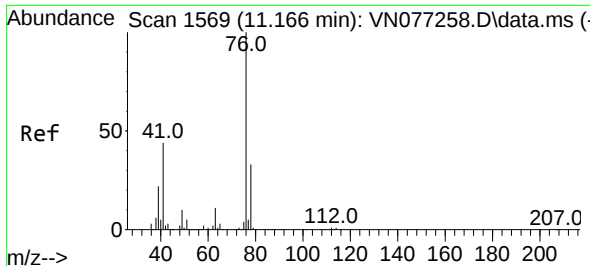


#56
Ethyl methacrylate
Concen: 53.253 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VN077350.D
Acq: 17 Apr 2023 10:50



Tgt Ion: 69 Resp: 561558
Ion Ratio Lower Upper
69 100
41 50.4 42.8 64.2
39 31.8 27.0 40.4





#57

1,3-Dichloropropane

Concen: 55.507 ug/l

RT: 11.166 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VN077350.D

Acq: 17 Apr 2023 10:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 62084

Ion Ratio Lower Upper

76 100

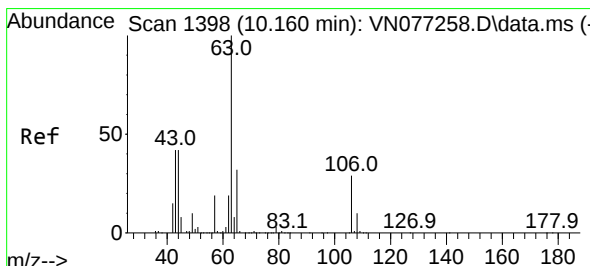
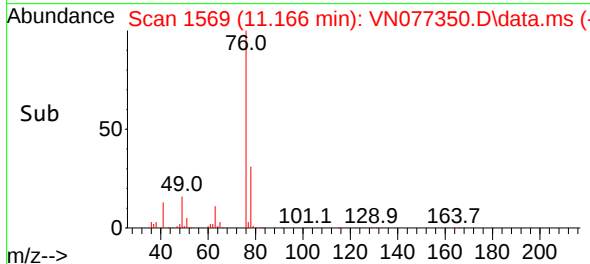
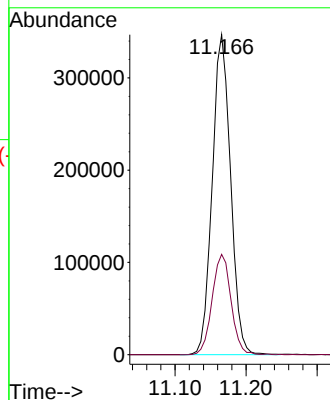
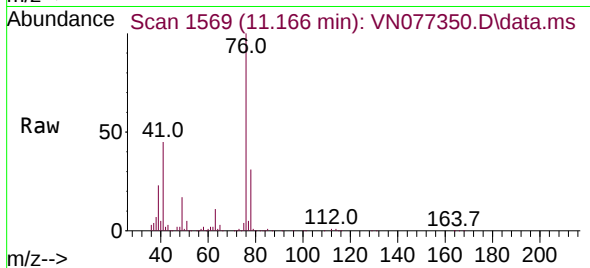
78 32.2 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/18/2023

Supervised By :Mahesh Dadoda 04/18/2023



#58

2-Chloroethyl Vinyl ether

Concen: 311.671 ug/l

RT: 10.160 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VN077350.D

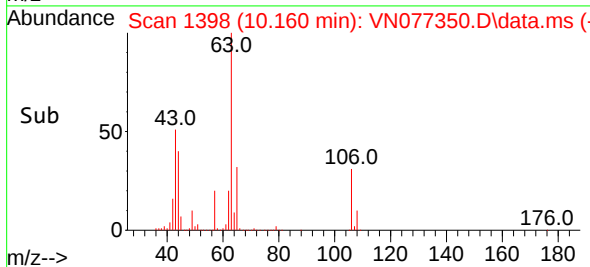
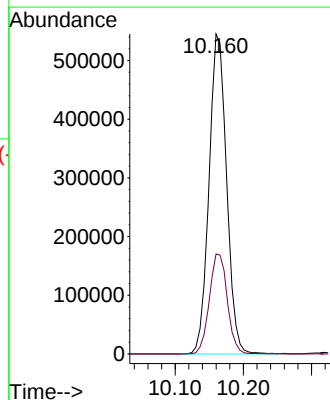
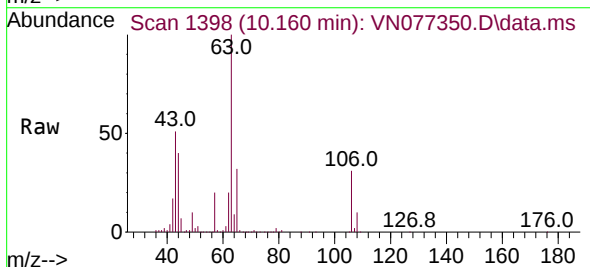
Acq: 17 Apr 2023 10:50

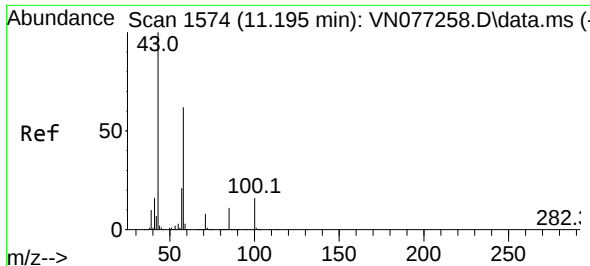
Tgt Ion: 63 Resp: 978355

Ion Ratio Lower Upper

63 100

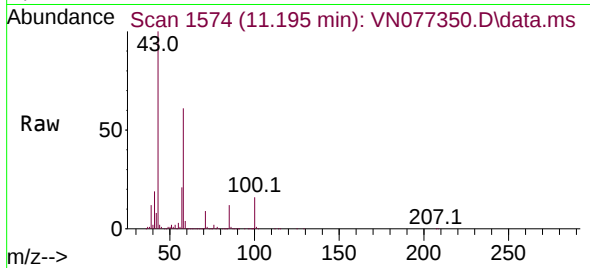
106 31.9 24.1 36.1





#59
2-Hexanone
Concen: 234.702 ug/l
RT: 11.195 min Scan# 1119
Delta R.T. 0.000 min
Lab File: VN077350.D
Acq: 17 Apr 2023 10:50

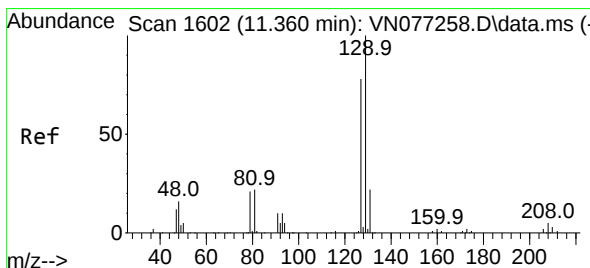
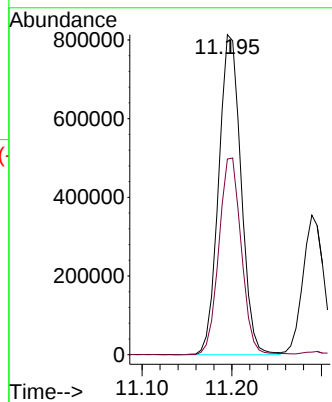
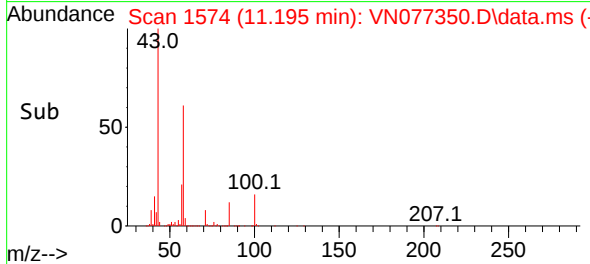
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 140959
Ion Ratio Lower Upper
43 100
58 61.5 30.9 92.5

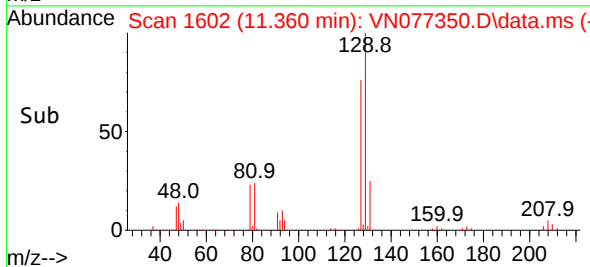
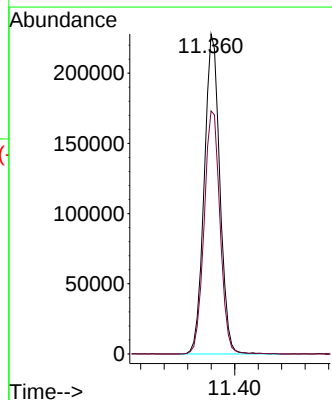
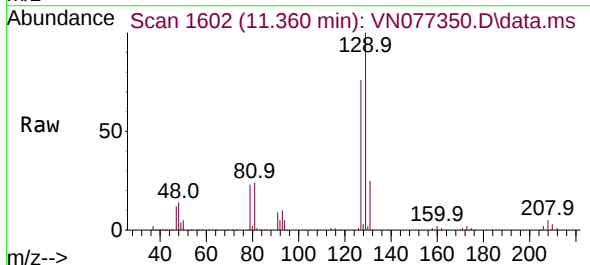
Manual Integrations
APPROVED

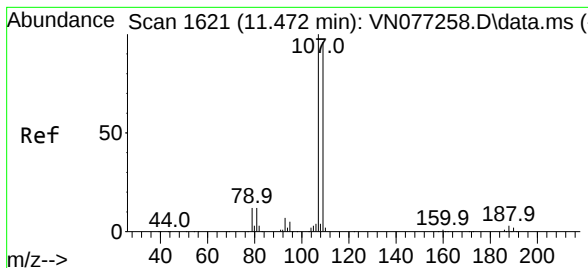
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#60
Dibromochloromethane
Concen: 60.115 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077350.D
Acq: 17 Apr 2023 10:50

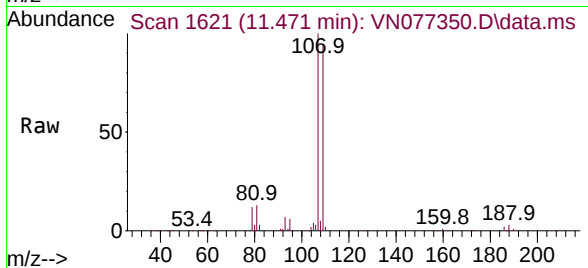
Tgt Ion:129 Resp: 419171
Ion Ratio Lower Upper
129 100
127 77.5 38.1 114.5





#61
1,2-Dibromoethane
Concen: 57.134 ug/l
RT: 11.471 min Scan# 1621
Delta R.T. -0.001 min
Lab File: VN077350.D
Acq: 17 Apr 2023 10:50

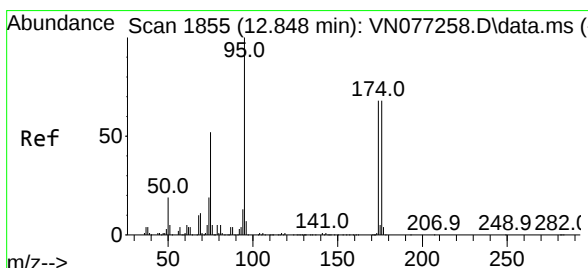
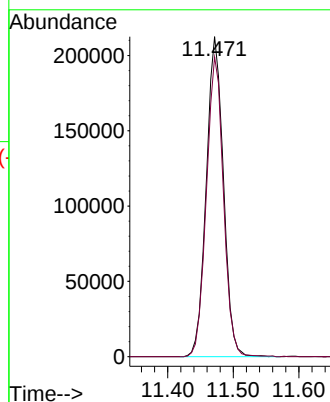
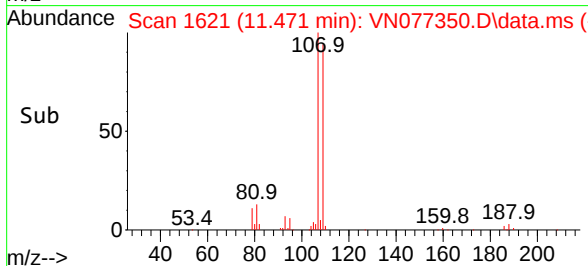
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



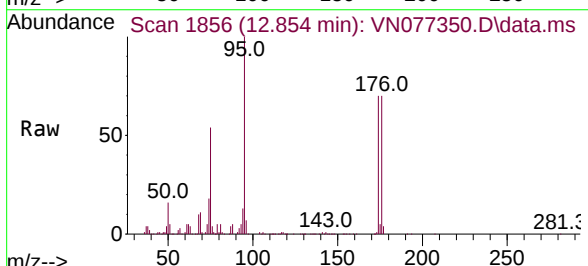
Tgt Ion: 107 Resp: 386085
Ion Ratio Lower Upper
107 100
109 93.3 75.2 112.8

Manual Integrations
APPROVED

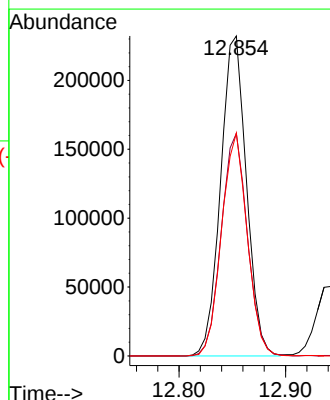
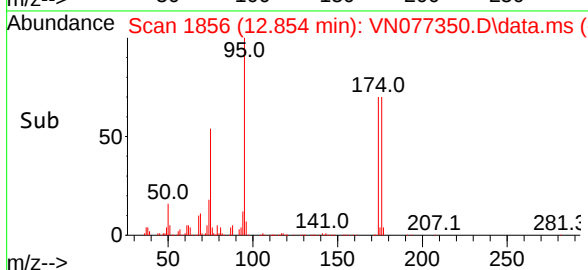
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023

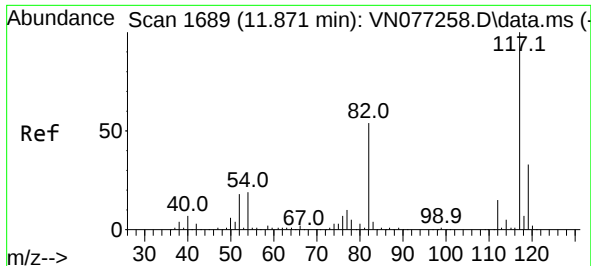


#62
4-Bromofluorobenzene
Concen: 51.137 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077350.D
Acq: 17 Apr 2023 10:50



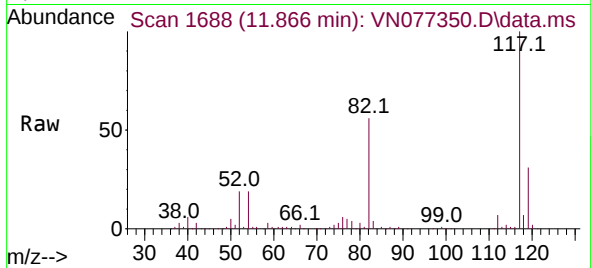
Tgt Ion: 95 Resp: 391065
Ion Ratio Lower Upper
95 100
174 70.3 0.0 146.8
176 69.2 0.0 139.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.005 min
Lab File: VN077350.D
Acq: 17 Apr 2023 10:50

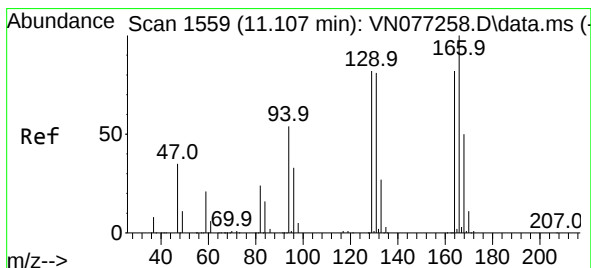
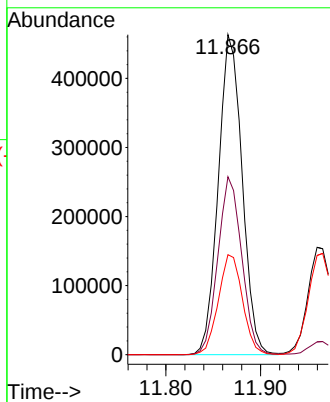
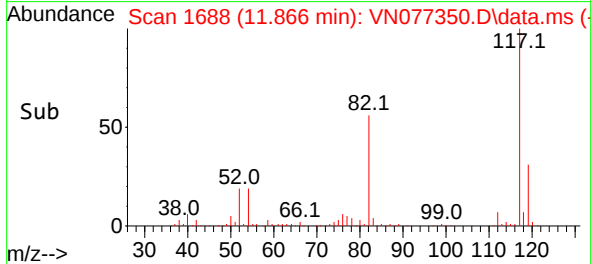
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 811514
Ion Ratio Lower Upper
117 100
82 55.6 42.9 64.3
119 31.3 26.2 39.4

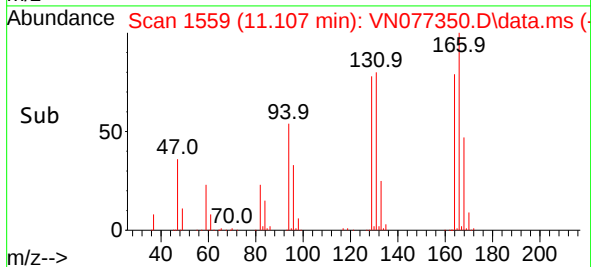
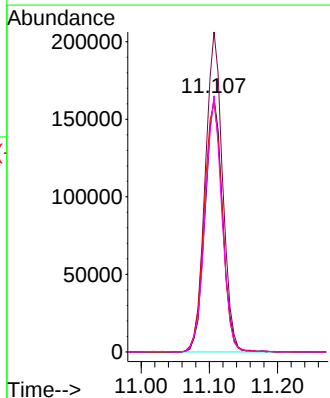
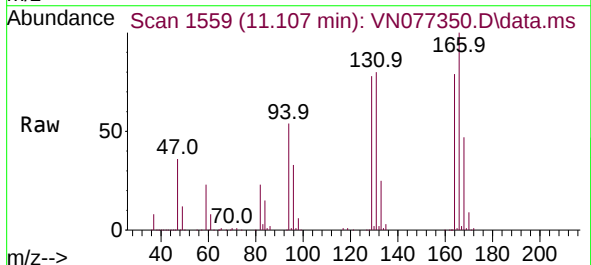
Manual Integrations
APPROVED

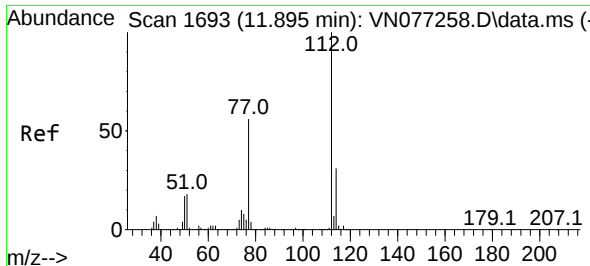
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#64
Tetrachloroethene
Concen: 57.970 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077350.D
Acq: 17 Apr 2023 10:50

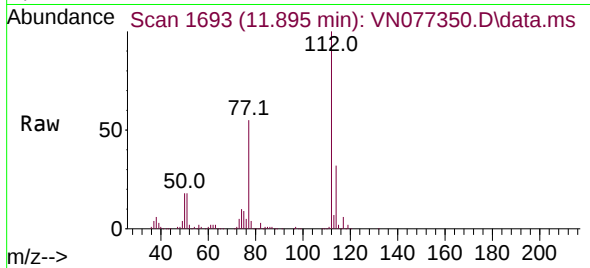
Tgt Ion:164 Resp: 290616
Ion Ratio Lower Upper
164 100
166 126.1 97.8 146.6
129 98.3 80.1 120.1
131 100.9 79.4 119.0





#65
Chlorobenzene
Concen: 58.474 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VN077350.D
Acq: 17 Apr 2023 10:50

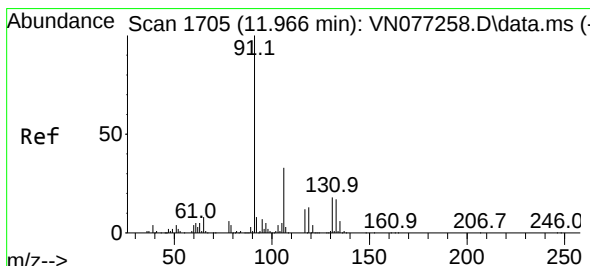
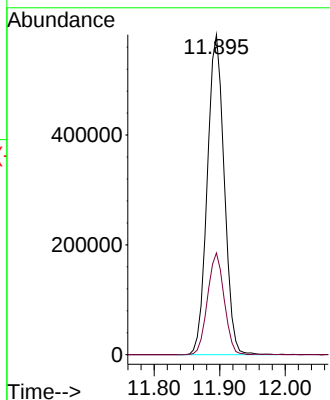
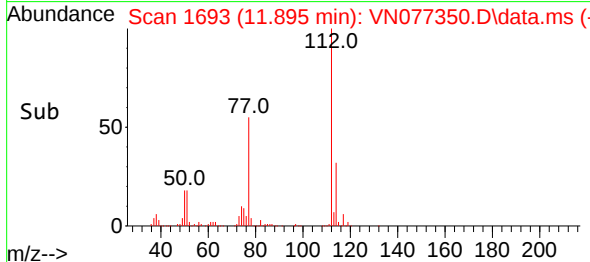
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



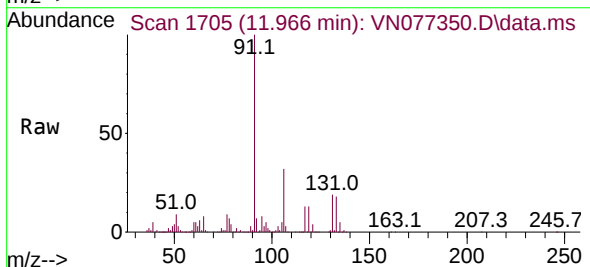
Tgt Ion:112 Resp: 1044718
Ion Ratio Lower Upper
112 100
114 31.8 24.6 36.8

Manual Integrations
APPROVED

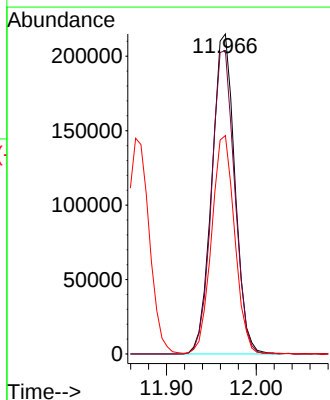
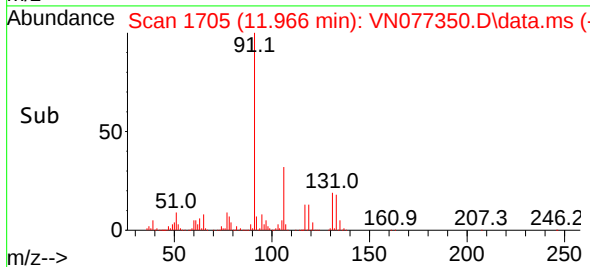
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023

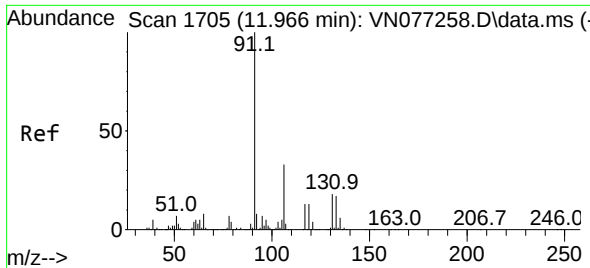


#66
1,1,1,2-Tetrachloroethane
Concen: 56.700 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077350.D
Acq: 17 Apr 2023 10:50



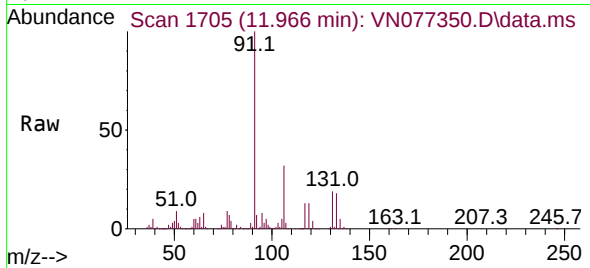
Tgt Ion:131 Resp: 383297
Ion Ratio Lower Upper
131 100
133 94.8 46.9 140.6
119 68.2 34.0 102.0





#67
Ethyl Benzene
Concen: 57.587 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077350.D
Acq: 17 Apr 2023 10:50

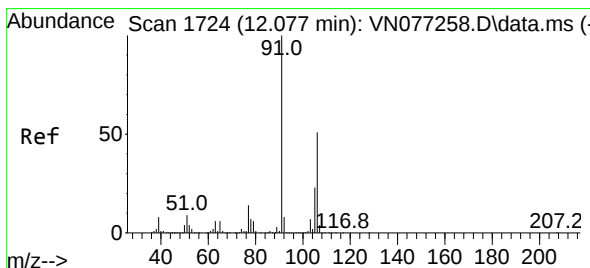
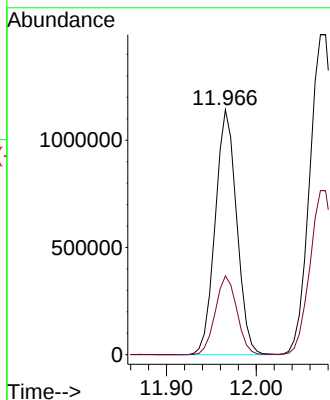
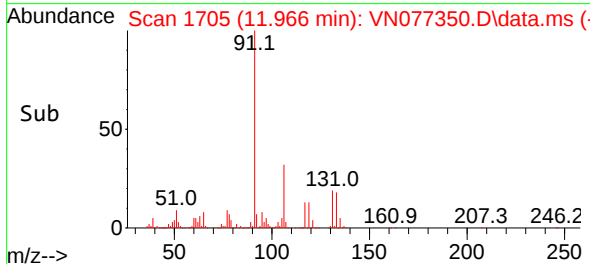
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



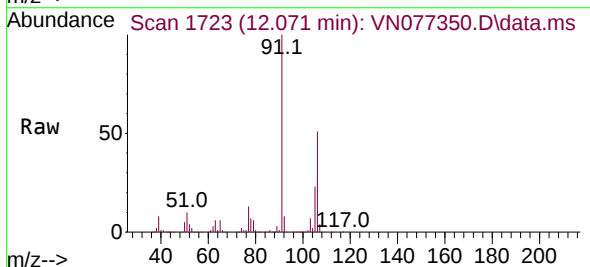
Tgt Ion: 91 Resp: 1898598
Ion Ratio Lower Upper
91 100
106 32.2 26.2 39.2

Manual Integrations
APPROVED

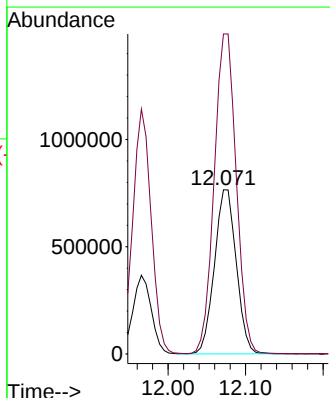
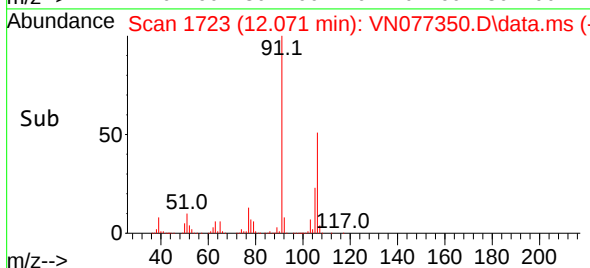
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023

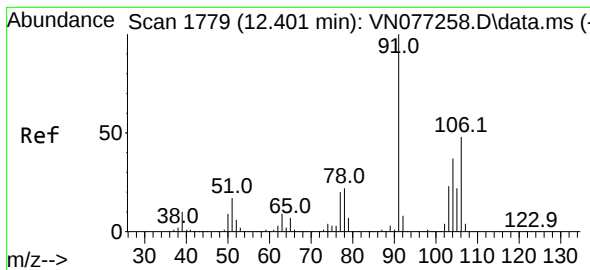


#68
m/p-Xylenes
Concen: 115.606 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. -0.006 min
Lab File: VN077350.D
Acq: 17 Apr 2023 10:50



Tgt Ion:106 Resp: 1497593
Ion Ratio Lower Upper
106 100
91 197.2 158.7 238.1





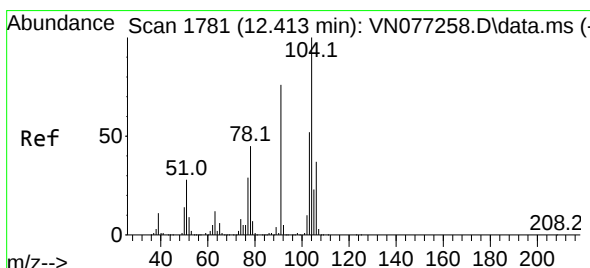
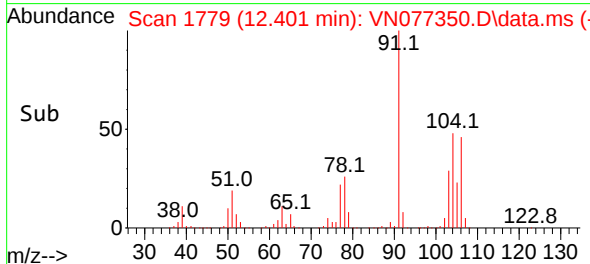
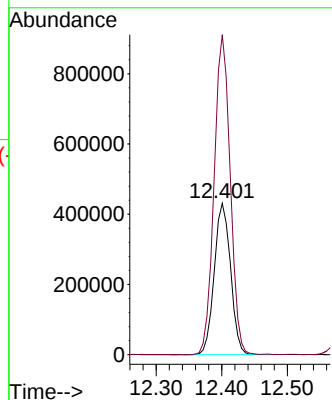
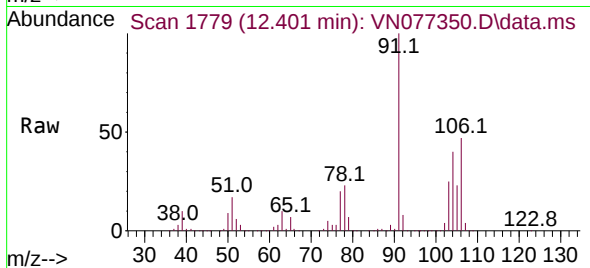
#69
o-Xylene
Concen: 58.188 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077350.D
Acq: 17 Apr 2023 10:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 743629
Ion Ratio Lower Upper
106 100
91 209.2 104.0 312.0

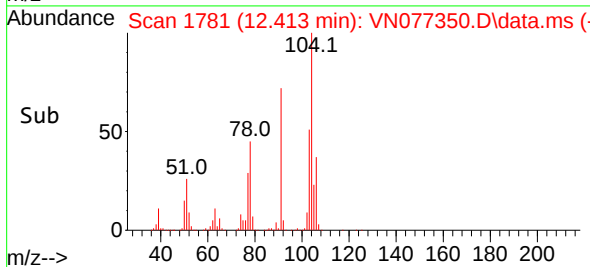
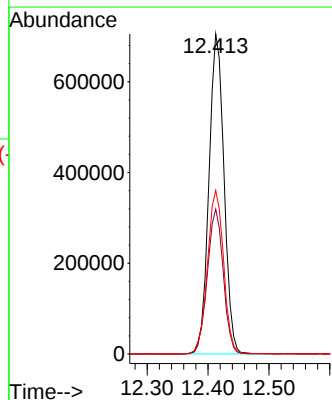
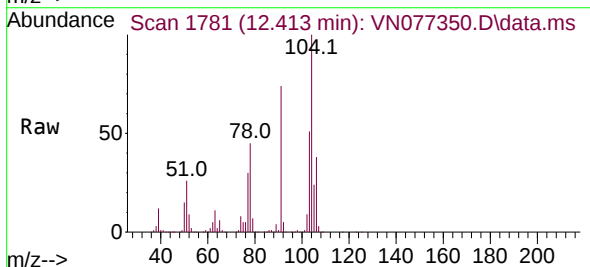
Manual Integrations
APPROVED

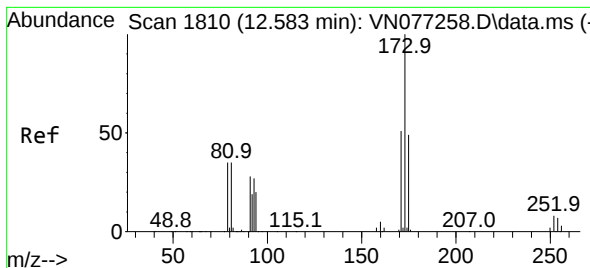
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#70
Styrene
Concen: 59.063 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN077350.D
Acq: 17 Apr 2023 10:50

Tgt Ion:104 Resp: 1214658
Ion Ratio Lower Upper
104 100
78 48.2 38.0 57.0
103 54.4 43.1 64.7





#71

Bromoform

Concen: 57.046 ug/l

RT: 12.577 min Scan# 1809

Delta R.T. -0.006 min

Lab File: VN077350.D

Acq: 17 Apr 2023 10:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 27146

Ion Ratio Lower Upper

173 100

175 49.9 24.1 72.4

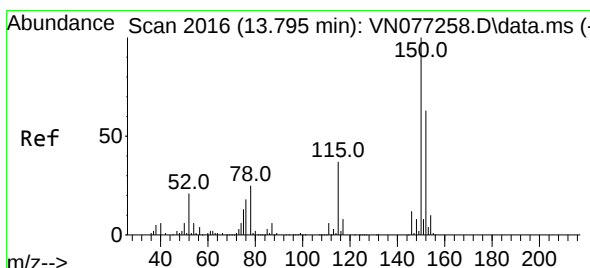
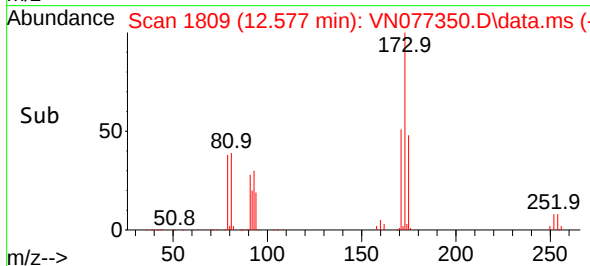
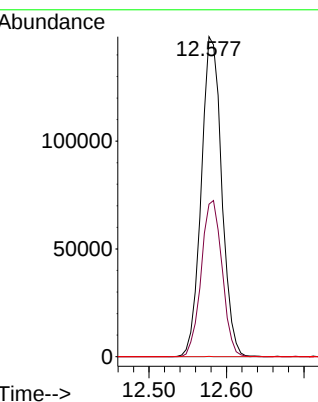
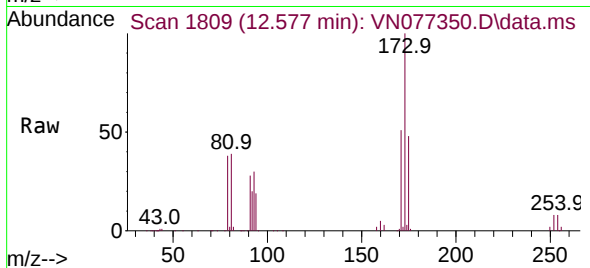
254 0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/18/2023

Supervised By :Mahesh Dadoda 04/18/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN077350.D

Acq: 17 Apr 2023 10:50

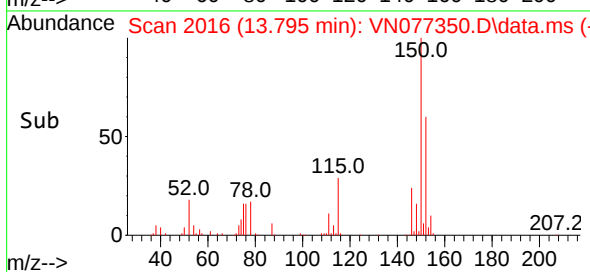
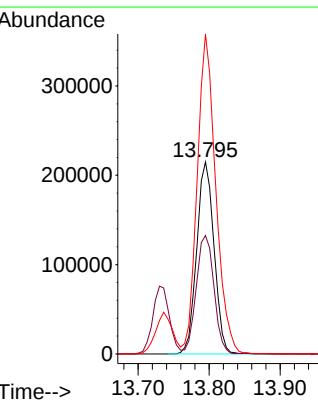
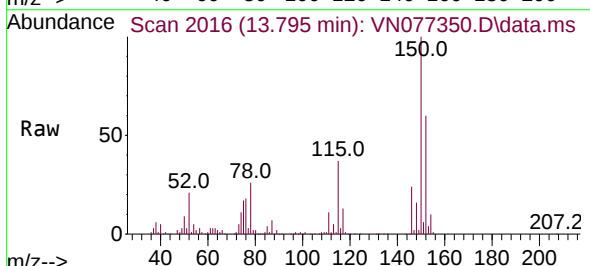
Tgt Ion:152 Resp: 364828

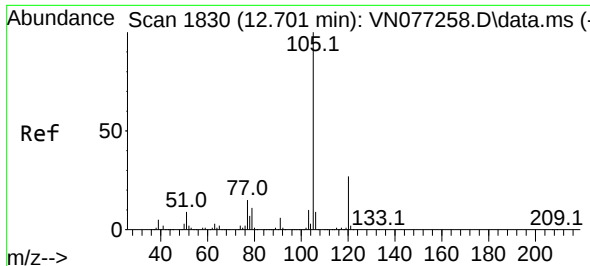
Ion Ratio Lower Upper

152 100

115 63.4 32.1 96.3

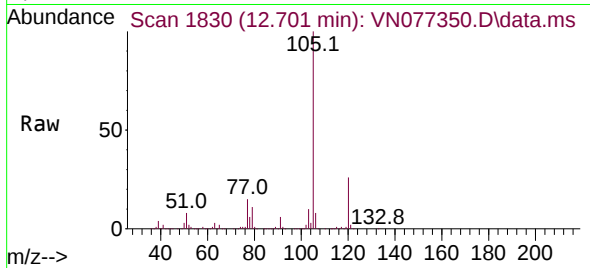
150 178.2 0.0 354.8





#73
Isopropylbenzene
Concen: 54.481 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN077350.D
Acq: 17 Apr 2023 10:50

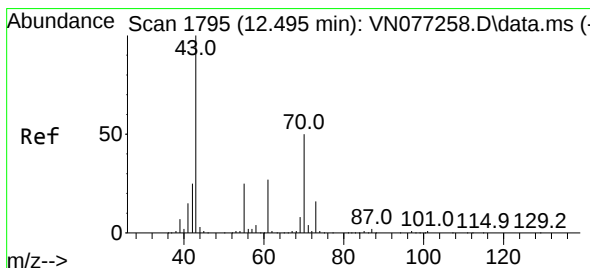
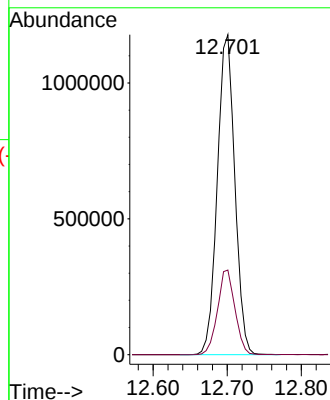
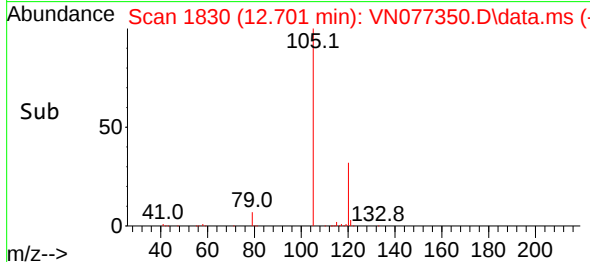
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 105 Resp: 1930552
Ion Ratio Lower Upper
105 100
120 26.3 13.2 39.6

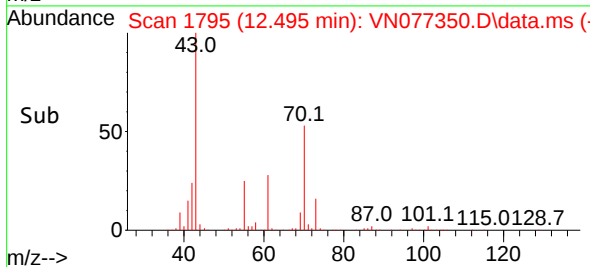
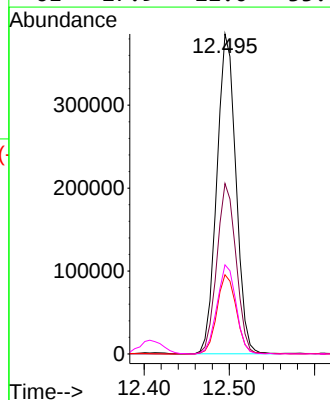
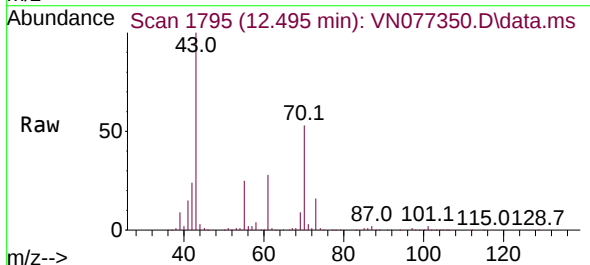
Manual Integrations
APPROVED

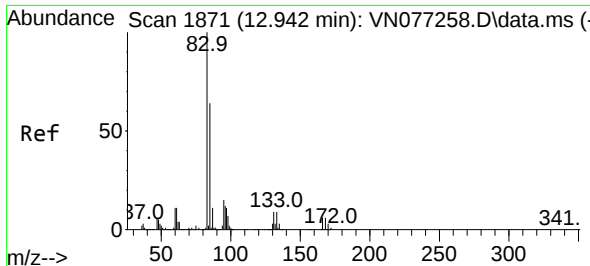
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#74
N-ethyl acetate
Concen: 44.797 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN077350.D
Acq: 17 Apr 2023 10:50

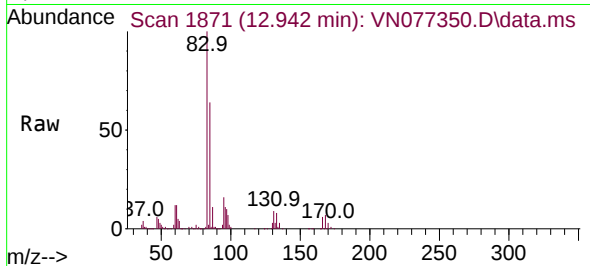
Tgt Ion: 43 Resp: 601575
Ion Ratio Lower Upper
43 100
70 53.8 41.0 61.6
55 25.2 19.3 28.9
61 27.9 22.0 33.0





#75
1,1,2,2-Tetrachloroethane
Concen: 49.497 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN077350.D
Acq: 17 Apr 2023 10:50

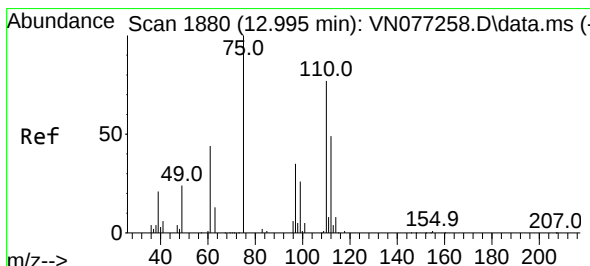
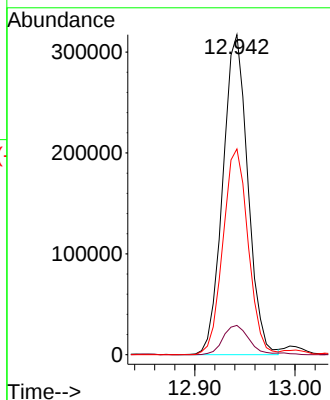
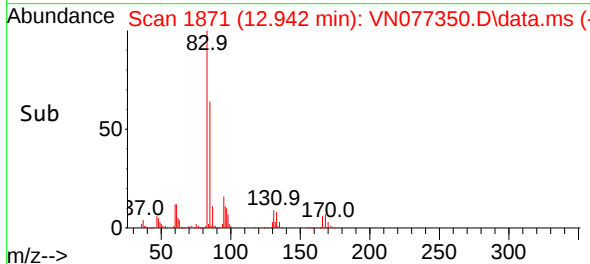
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 550433
Ion Ratio Lower Upper
83 100
131 9.8 4.9 14.6
85 64.7 32.1 96.3

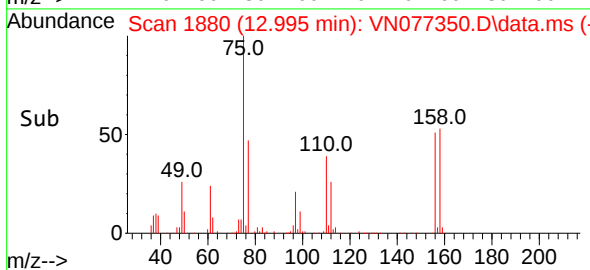
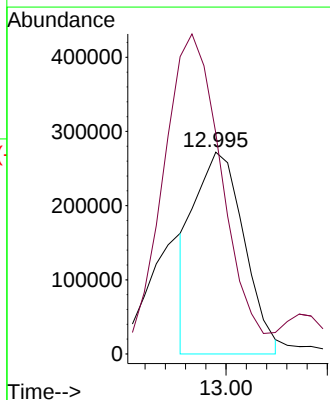
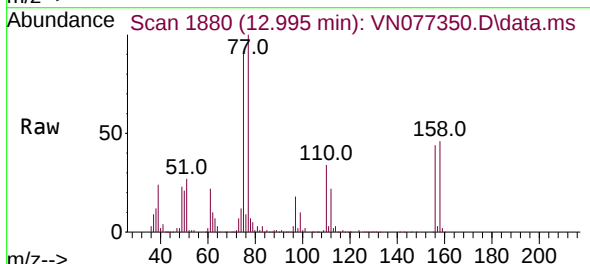
Manual Integrations
APPROVED

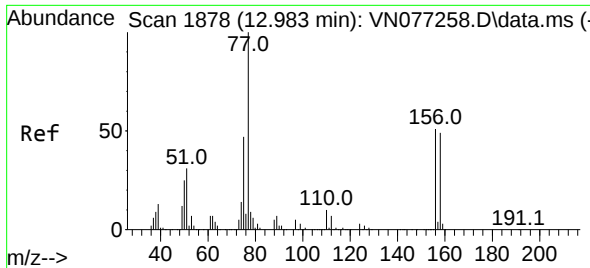
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#76
1,2,3-Trichloropropane
Concen: 53.554 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN077350.D
Acq: 17 Apr 2023 10:50

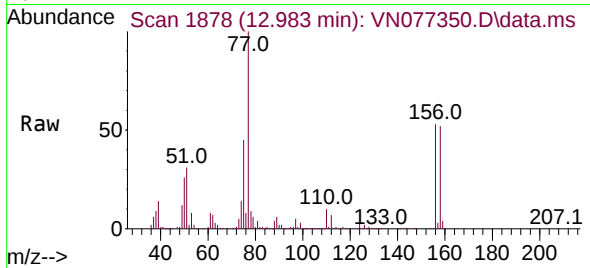
Tgt Ion: 75 Resp: 465256
Ion Ratio Lower Upper
75 100
77 188.0 88.3 264.9





#77
Bromobenzene
Concen: 55.205 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN077350.D
Acq: 17 Apr 2023 10:50

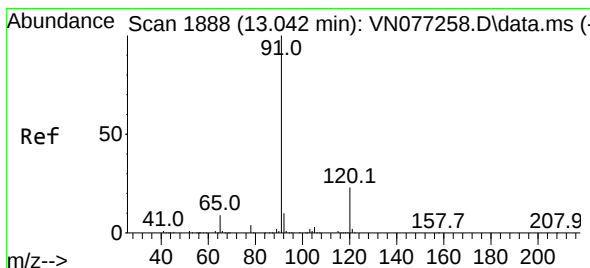
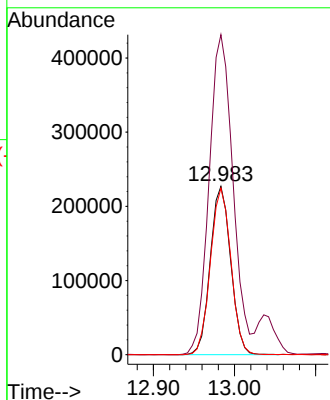
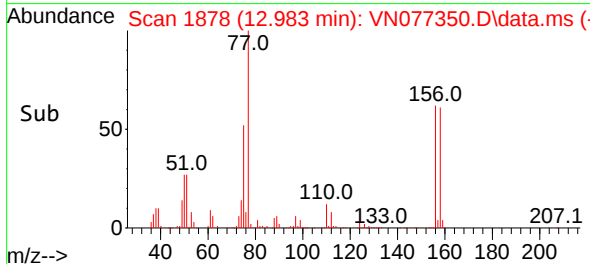
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



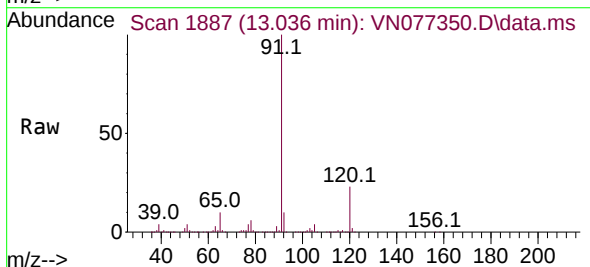
Tgt Ion:156 Resp: 397762
Ion Ratio Lower Upper
156 100
77 220.0 115.3 345.8
158 98.9 49.3 147.8

Manual Integrations
APPROVED

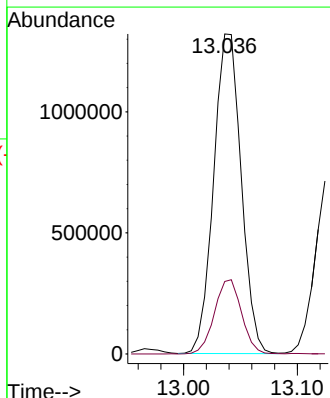
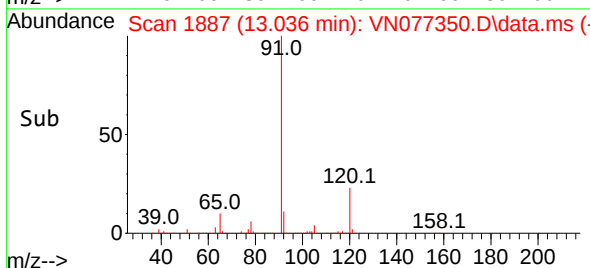
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023

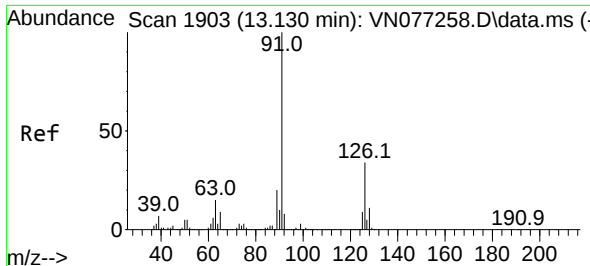


#78
n-propylbenzene
Concen: 56.733 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. -0.006 min
Lab File: VN077350.D
Acq: 17 Apr 2023 10:50



Tgt Ion: 91 Resp: 2221287
Ion Ratio Lower Upper
91 100
120 22.9 11.5 34.5





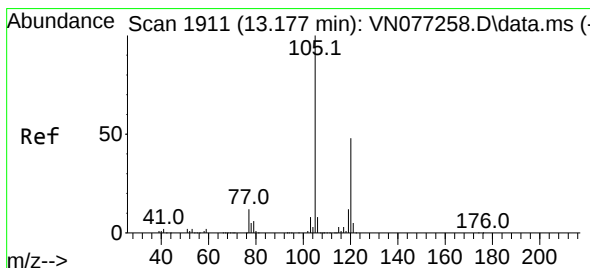
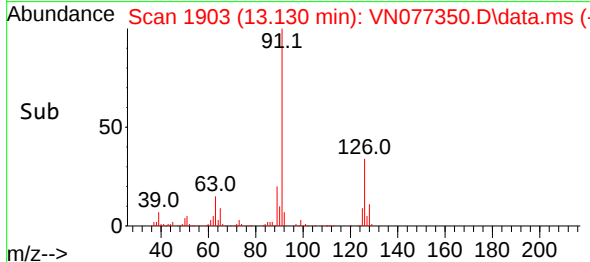
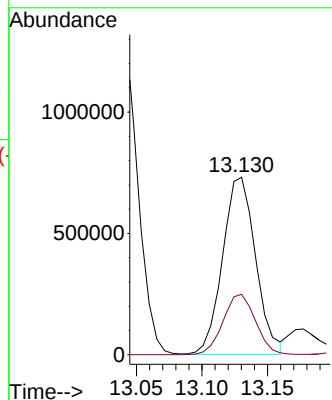
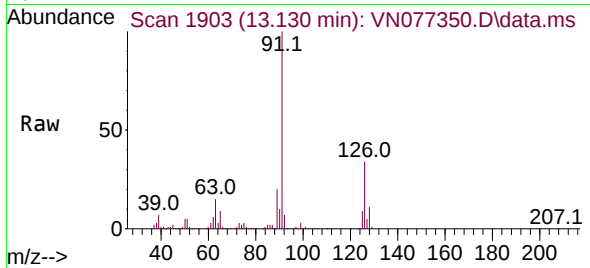
#79
2-Chlorotoluene
Concen: 54.309 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN077350.D
Acq: 17 Apr 2023 10:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 1280362
Ion Ratio Lower Upper
91 100
126 33.5 16.8 50.4

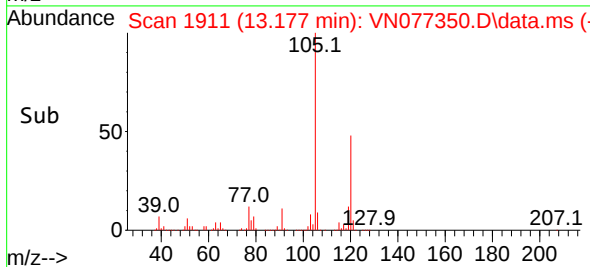
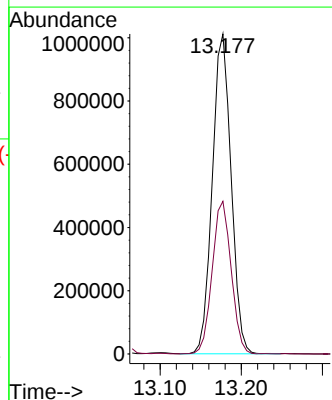
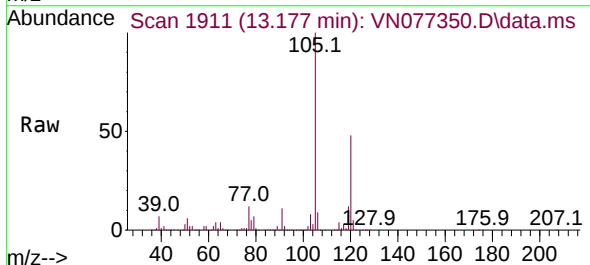
Manual Integrations
APPROVED

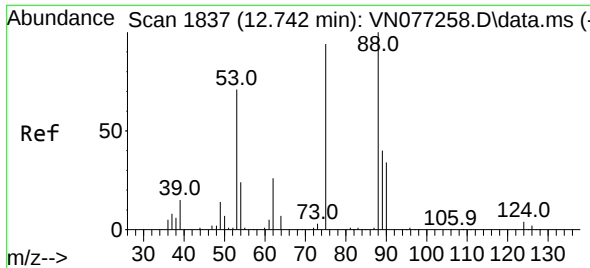
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#80
1,3,5-Trimethylbenzene
Concen: 57.356 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077350.D
Acq: 17 Apr 2023 10:50

Tgt Ion:105 Resp: 1623319
Ion Ratio Lower Upper
105 100
120 48.2 24.3 73.0





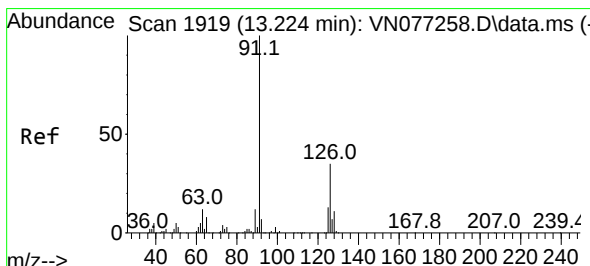
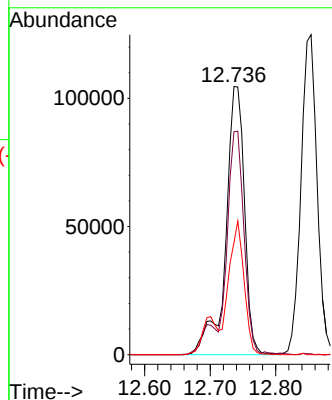
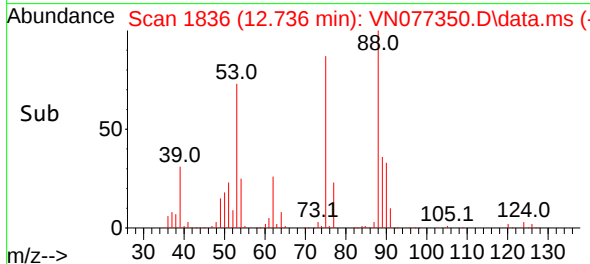
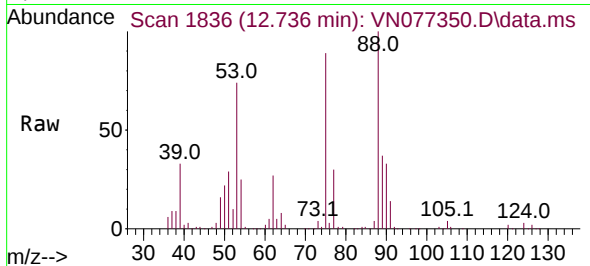
#81
trans-1,4-Dichloro-2-butene
Concen: 54.020 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. -0.006 min
Lab File: VN077350.D
Acq: 17 Apr 2023 10:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 208548
Ion Ratio Lower Upper
75 100
53 72.4 72.8 109.2
89 40.6 37.4 56.2

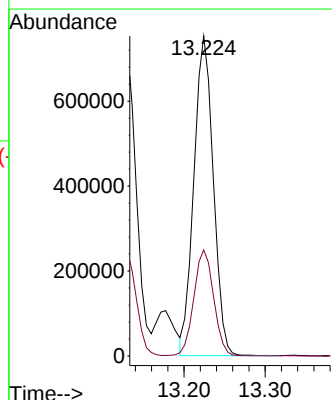
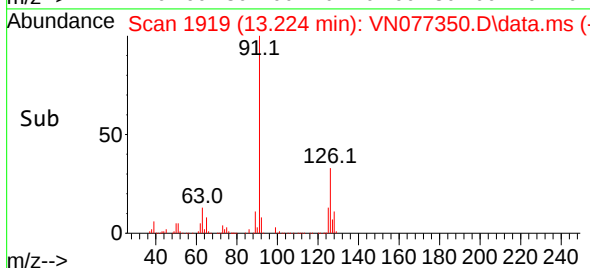
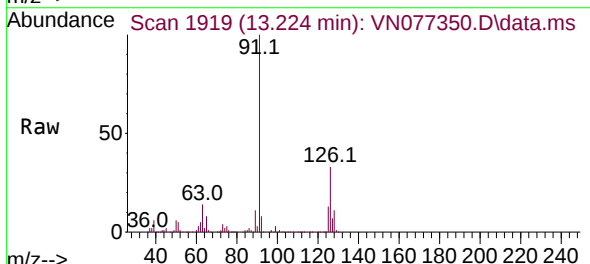
Manual Integrations
APPROVED

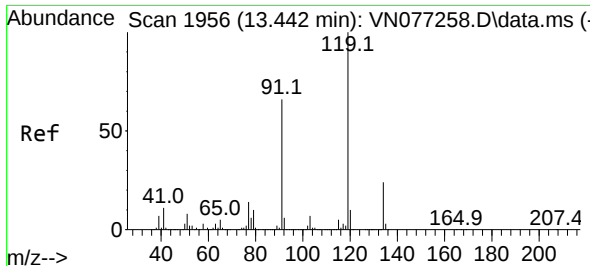
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#82
4-Chlorotoluene
Concen: 56.313 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077350.D
Acq: 17 Apr 2023 10:50

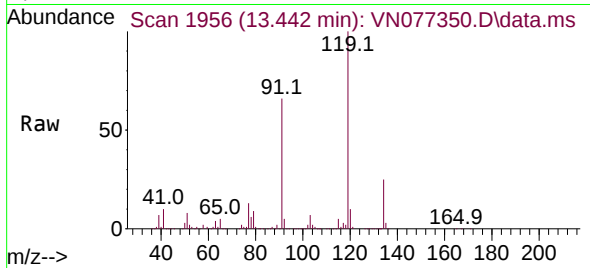
Tgt Ion: 91 Resp: 1251721
Ion Ratio Lower Upper
91 100
126 33.8 16.9 50.7





#83
tert-Butylbenzene
Concen: 55.208 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN077350.D
Acq: 17 Apr 2023 10:50

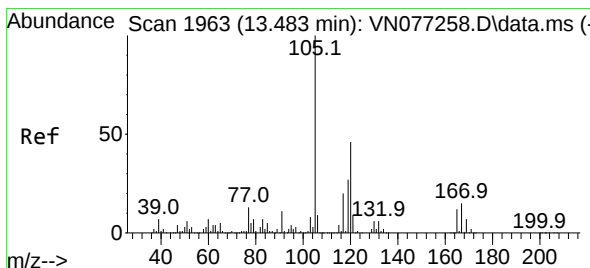
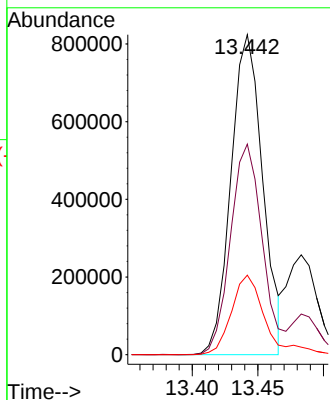
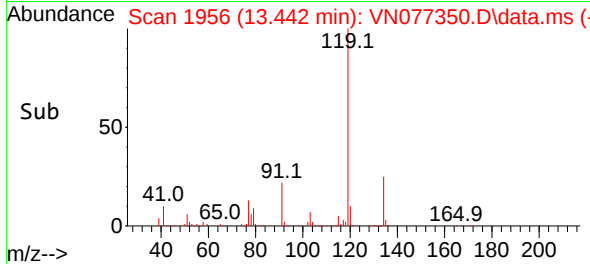
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



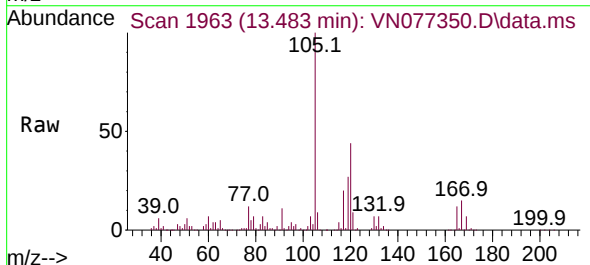
Tgt Ion:119 Resp: 1390811
Ion Ratio Lower Upper
119 100
91 66.3 33.5 100.4
134 26.3 13.3 39.9

Manual Integrations
APPROVED

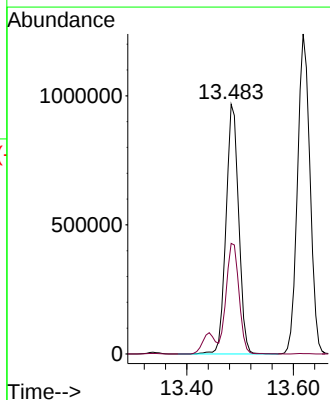
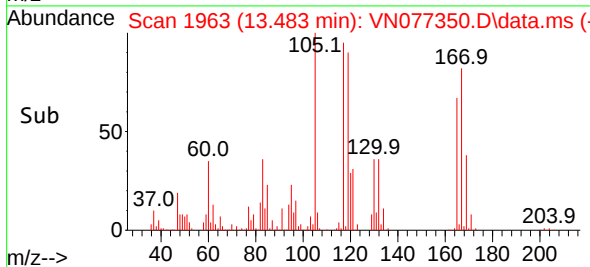
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023

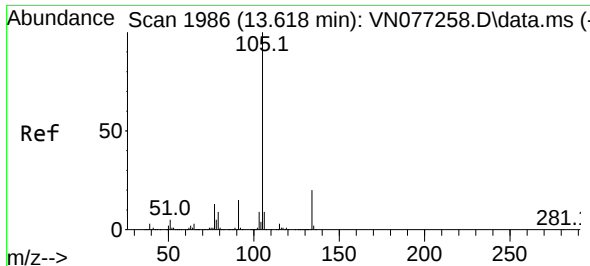


#84
1,2,4-Trimethylbenzene
Concen: 57.103 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN077350.D
Acq: 17 Apr 2023 10:50



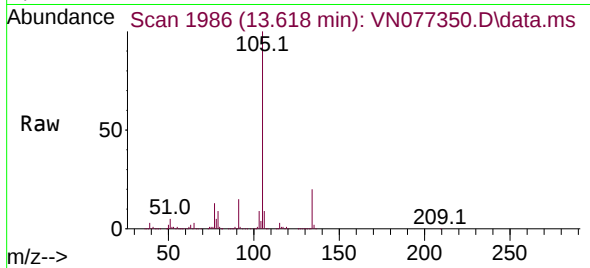
Tgt Ion:105 Resp: 1596663
Ion Ratio Lower Upper
105 100
120 44.9 22.5 67.5





#85
 sec-Butylbenzene
 Concen: 57.395 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN077350.D
 Acq: 17 Apr 2023 10:50

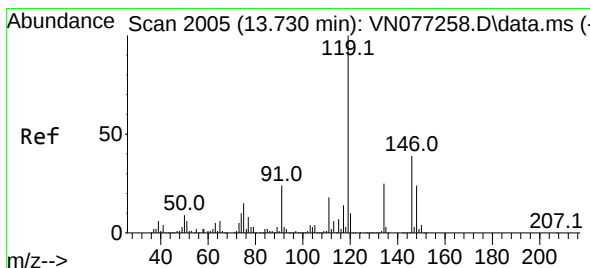
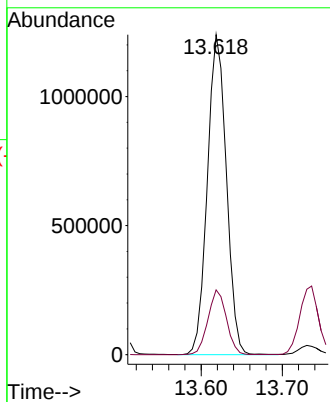
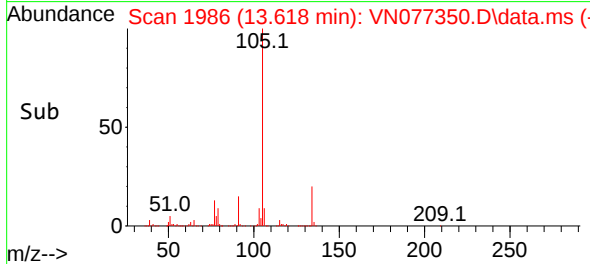
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



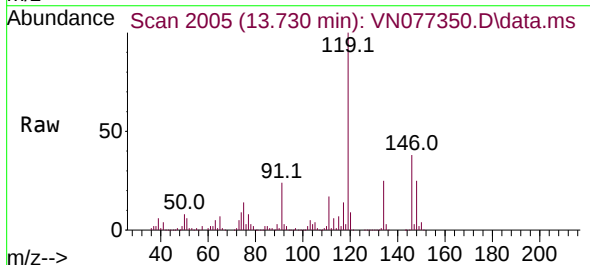
Tgt Ion:105 Resp: 201507
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.4

Manual Integrations
 APPROVED

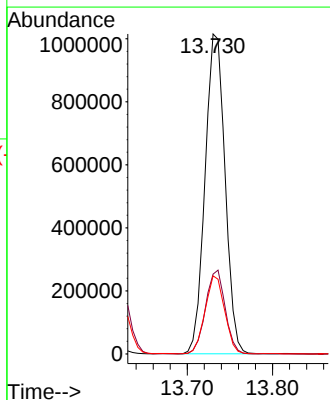
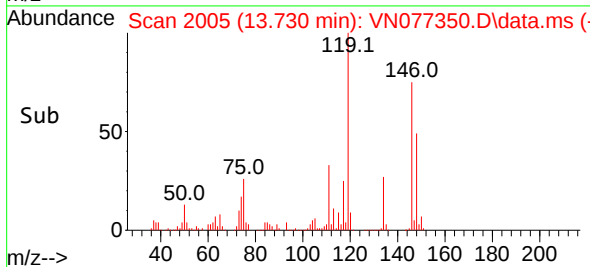
Reviewed By :John Carlone 04/18/2023
 Supervised By :Mahesh Dadoda 04/18/2023

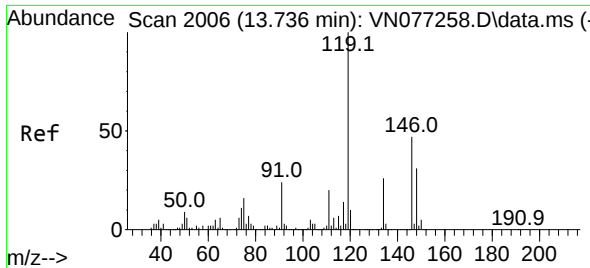


#86
 p-Isopropyltoluene
 Concen: 59.899 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN077350.D
 Acq: 17 Apr 2023 10:50



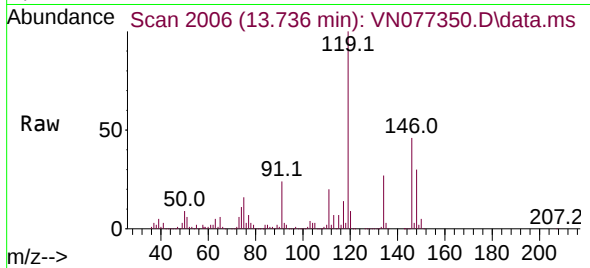
Tgt Ion:119 Resp: 1652774
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.9 38.6
 91 23.8 12.3 36.8





#87
1,3-Dichlorobenzene
Concen: 58.292 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN077350.D
Acq: 17 Apr 2023 10:50

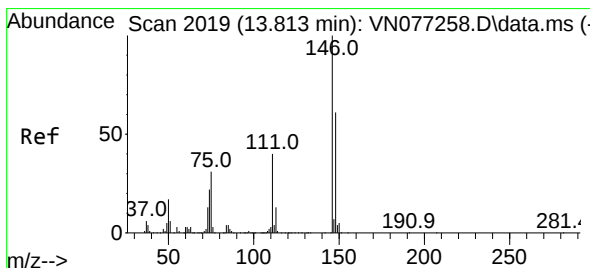
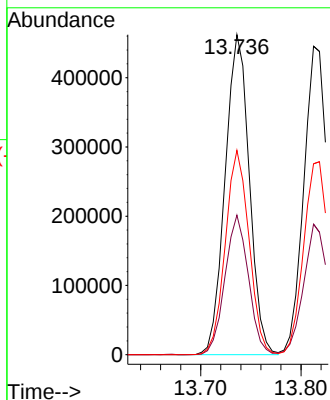
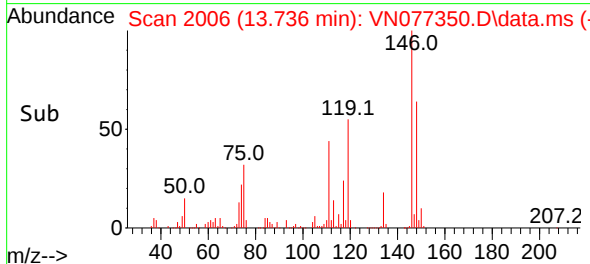
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



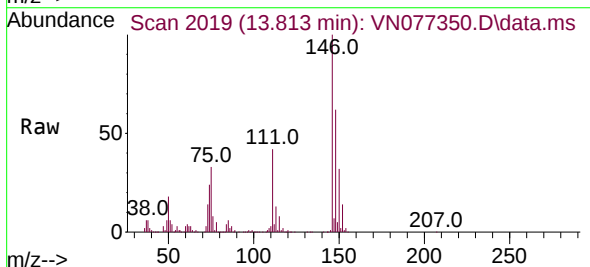
Tgt Ion:146 Resp: 777030
Ion Ratio Lower Upper
146 100
111 42.1 21.8 65.4
148 62.5 31.7 95.1

Manual Integrations
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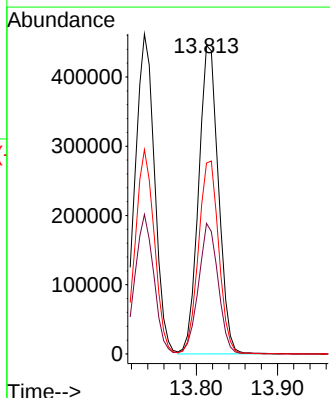
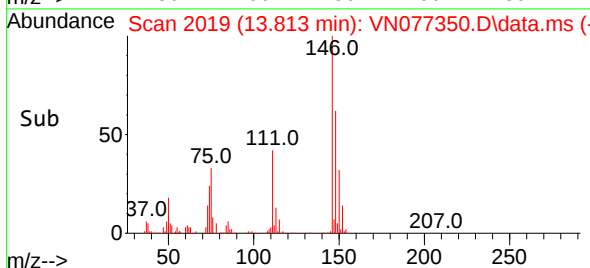
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023

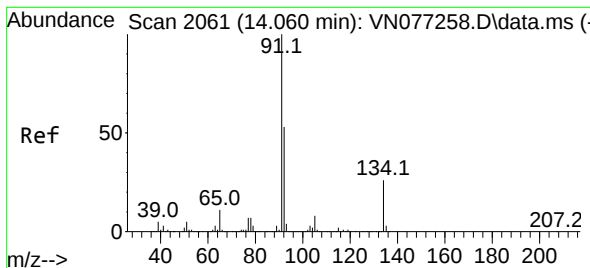


#88
1,4-Dichlorobenzene
Concen: 57.514 ug/l
RT: 13.813 min Scan# 2019
Delta R.T. -0.001 min
Lab File: VN077350.D
Acq: 17 Apr 2023 10:50



Tgt Ion:146 Resp: 756036
Ion Ratio Lower Upper
146 100
111 42.2 20.4 61.2
148 64.0 31.6 95.0





#89

n-Butylbenzene

Concen: 62.033 ug/l

RT: 14.060 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VN077350.D

Acq: 17 Apr 2023 10:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

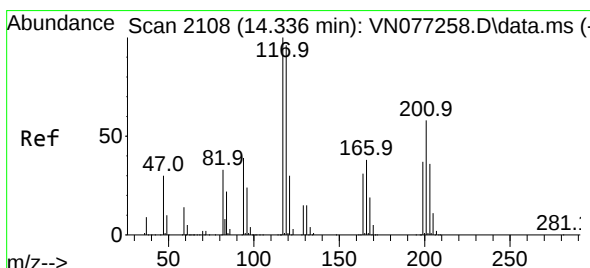
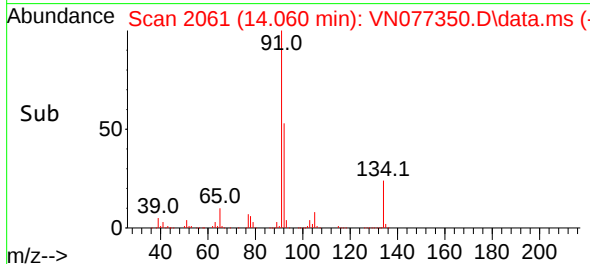
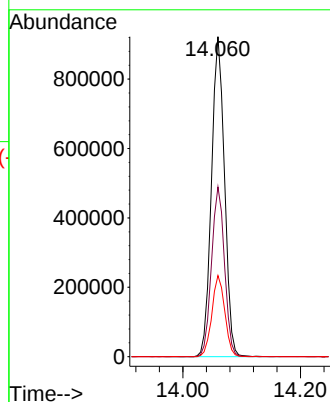
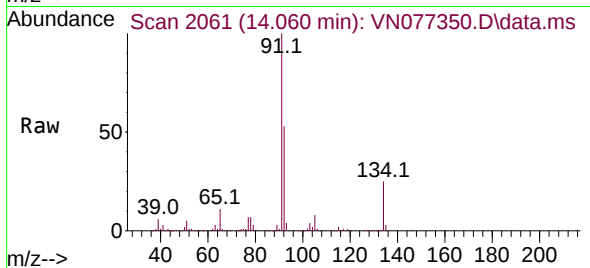
Tgt Ion: 91 Resp: 1420950
 Ion Ratio Lower Upper
 91 100
 92 52.8 26.7 80.0
 134 25.1 12.8 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/18/2023

Supervised By :Mahesh Dadoda 04/18/2023



#90

Hexachloroethane

Concen: 56.438 ug/l

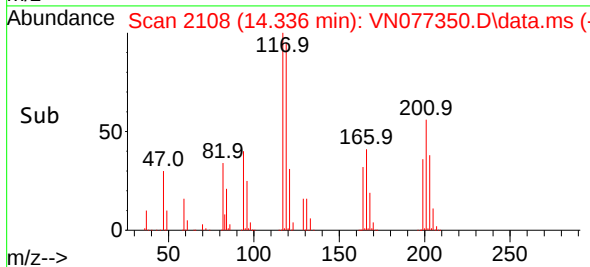
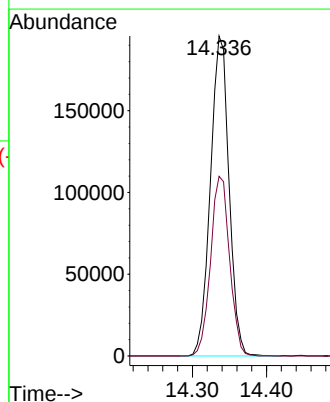
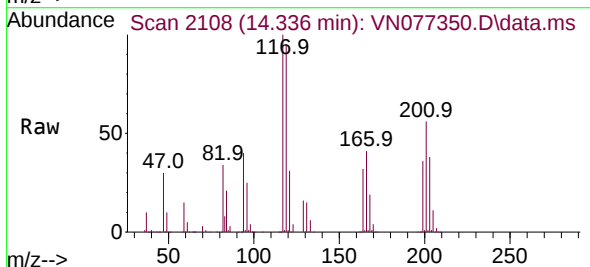
RT: 14.336 min Scan# 2108

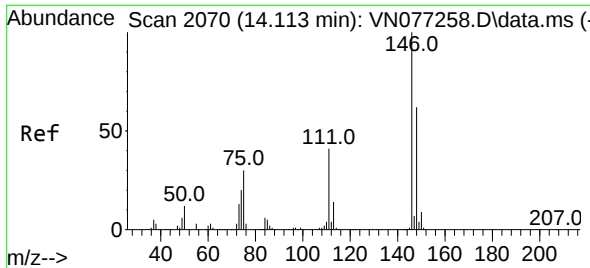
Delta R.T. 0.000 min

Lab File: VN077350.D

Acq: 17 Apr 2023 10:50

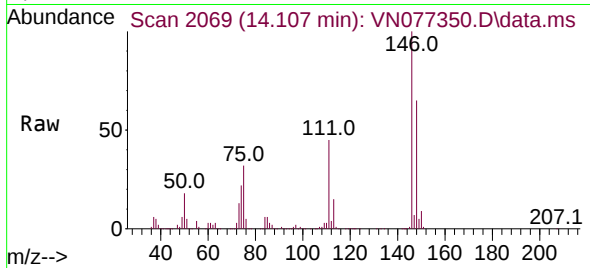
Tgt Ion:117 Resp: 340495
 Ion Ratio Lower Upper
 117 100
 201 57.4 29.8 89.5





#91
1,2-Dichlorobenzene
Concen: 57.231 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.006 min
Lab File: VN077350.D
Acq: 17 Apr 2023 10:50

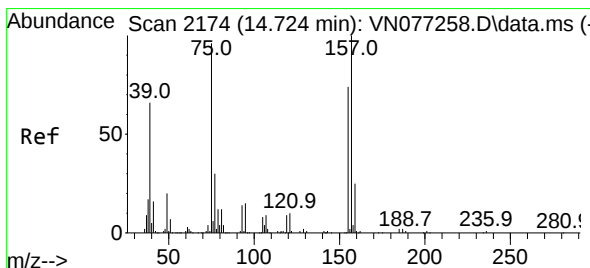
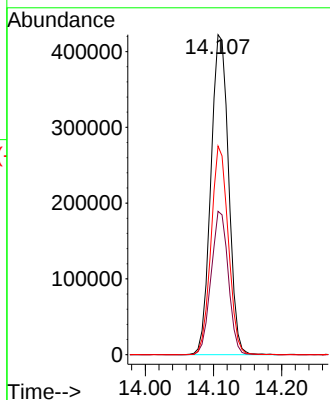
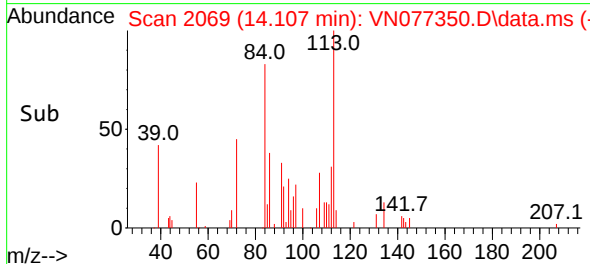
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



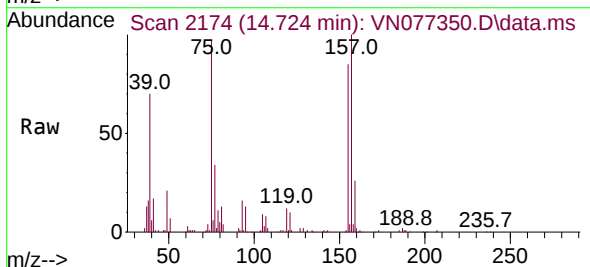
Tgt Ion:146 Resp: 763184
Ion Ratio Lower Upper
146 100
111 43.6 21.9 65.5
148 63.5 31.9 95.5

Manual Integrations
APPROVED

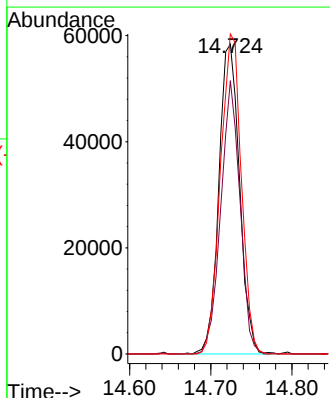
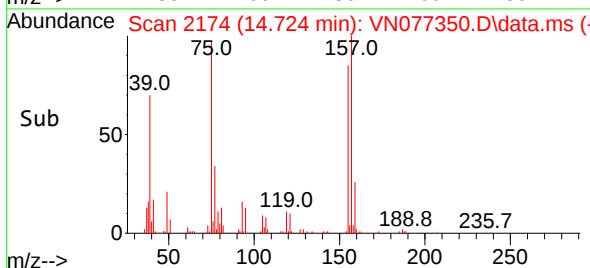
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023

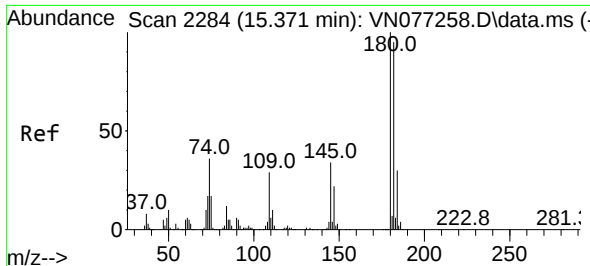


#92
1,2-Dibromo-3-Chloropropane
Concen: 49.075 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN077350.D
Acq: 17 Apr 2023 10:50



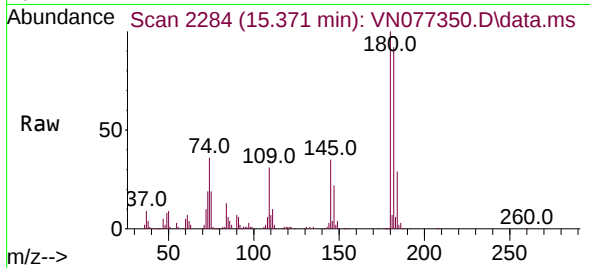
Tgt Ion: 75 Resp: 103425
Ion Ratio Lower Upper
75 100
155 81.6 41.0 123.2
157 104.4 54.0 162.0





#93
1,2,4-Trichlorobenzene
Concen: 62.054 ug/l
RT: 15.371 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN077350.D
Acq: 17 Apr 2023 10:50

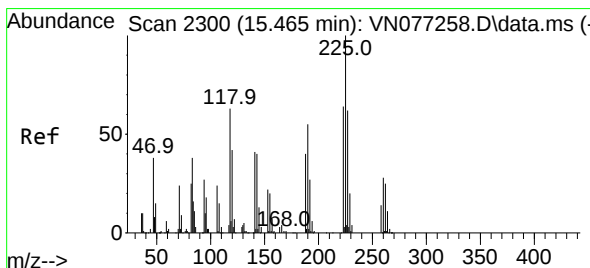
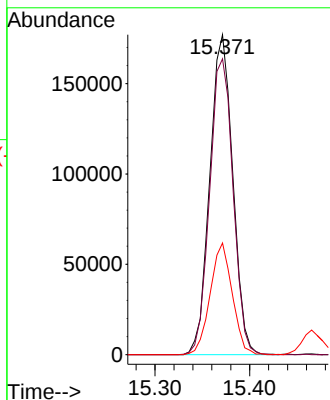
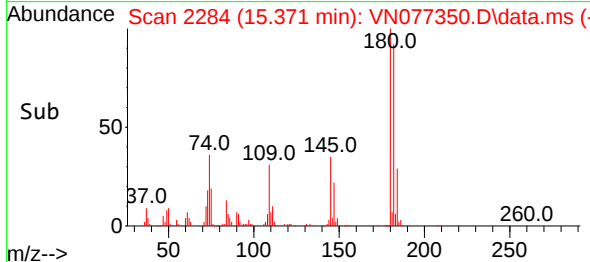
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:180 Resp: 29871
Ion Ratio Lower Upper
180 100
182 94.2 46.7 140.0
145 33.6 16.6 49.8

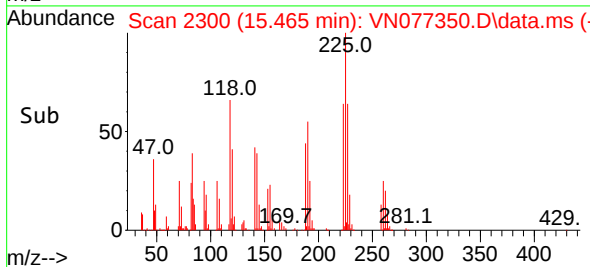
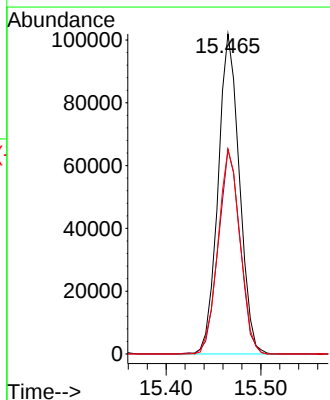
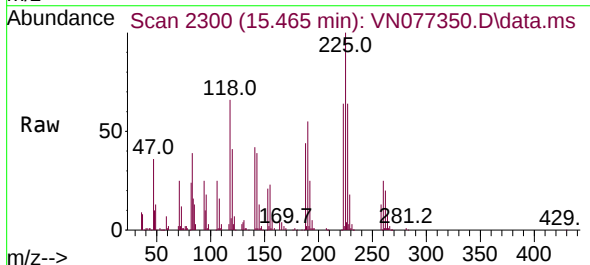
Manual Integrations
APPROVED

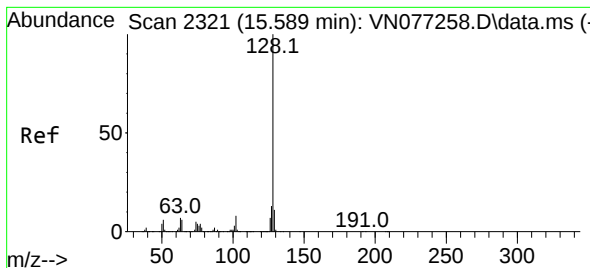
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#94
Hexachlorobutadiene
Concen: 57.172 ug/l
RT: 15.465 min Scan# 2300
Delta R.T. 0.000 min
Lab File: VN077350.D
Acq: 17 Apr 2023 10:50

Tgt Ion:225 Resp: 159310
Ion Ratio Lower Upper
225 100
223 65.0 31.7 95.1
227 66.0 31.2 93.6





#95

Naphthalene

Concen: 59.766 ug/l

RT: 15.589 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN077350.D

Acq: 17 Apr 2023 10:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:128 Resp: 1080774

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

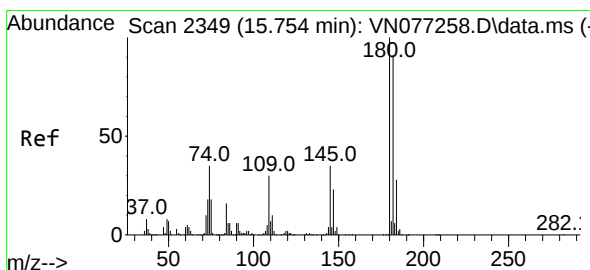
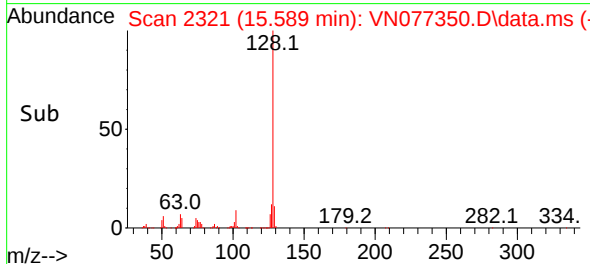
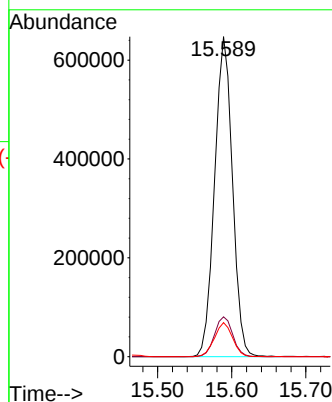
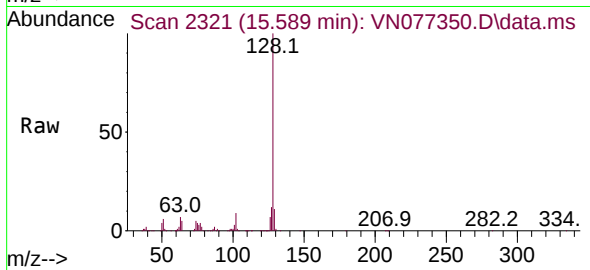
129 10.9 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/18/2023

Supervised By :Mahesh Dadoda 04/18/2023



#96

1,2,3-Trichlorobenzene

Concen: 58.764 ug/l

RT: 15.759 min Scan# 2350

Delta R.T. 0.005 min

Lab File: VN077350.D

Acq: 17 Apr 2023 10:50

Tgt Ion:180 Resp: 270577

Ion Ratio Lower Upper

180 100

182 96.1 46.9 140.8

145 36.1 17.6 52.8

