

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041723\
 Data File : VN077353.D
 Acq On : 17 Apr 2023 12:59
 Operator : JC\MD
 Sample : VN0417WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0417WBS01

Quant Time: Apr 18 04:40:18 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

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	575997	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1080561	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.872	117	982845	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	424854	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	427251	54.272	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.540%			
35) Dibromofluoromethane	8.172	113	382927	55.357	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.720%			
50) Toluene-d8	10.572	98	1553016	55.769	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 111.540%			
62) 4-Bromofluorobenzene	12.848	95	528196	57.031	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 114.060%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.137	85	134786	18.334	ug/l	98
3) Chloromethane	2.372	50	125181	13.740	ug/l	94
4) Vinyl Chloride	2.525	62	184241	14.915	ug/l	95
5) Bromomethane	2.966	94	139753	15.606	ug/l	98
6) Chloroethane	3.131	64	128860	14.618	ug/l	95
7) Trichlorofluoromethane	3.507	101	210700	19.672	ug/l	98
8) Diethyl Ether	3.972	74	79381	17.686	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.384	101	130072	19.844	ug/l	98
10) Methyl Iodide	4.601	142	155972	19.565	ug/l	94
11) Tert butyl alcohol	5.531	59	114952	71.561	ug/l	98
12) 1,1-Dichloroethene	4.349	96	120658	17.882	ug/l	87
13) Acrolein	4.190	56	97656	64.189	ug/l	96
14) Allyl chloride	5.037	41	150500	14.768	ug/l	91
15) Acrylonitrile	5.731	53	278615	78.455	ug/l	100
16) Acetone	4.437	43	241332	83.144	ug/l	97
17) Carbon Disulfide	4.725	76	304345	16.727	ug/l	96
18) Methyl Acetate	5.037	43	174218	15.760	ug/l	96
19) Methyl tert-butyl Ether	5.807	73	427699	17.864	ug/l	97
20) Methylene Chloride	5.284	84	139306	16.994	ug/l	96
21) trans-1,2-Dichloroethene	5.795	96	134487	18.204	ug/l	97
22) Diisopropyl ether	6.678	45	354448	17.349	ug/l	97
23) Vinyl Acetate	6.613	43	1279157m	92.596	ug/l	
24) 1,1-Dichloroethane	6.578	63	233589	17.705	ug/l	98
25) 2-Butanone	7.495	43	351653	74.649	ug/l	99
26) 2,2-Dichloropropane	7.495	77	233594	19.309	ug/l	98
27) cis-1,2-Dichloroethene	7.495	96	165250	18.317	ug/l	98
28) Bromochloromethane	7.819	49	95046	17.909	ug/l	92
29) Tetrahydrofuran	7.842	42	221732	73.222	ug/l	95
30) Chloroform	7.972	83	259916	18.474	ug/l	93
31) Cyclohexane	8.260	56	202188	16.529	ug/l	90
32) 1,1,1-Trichloroethane	8.178	97	238716	18.656	ug/l	93
36) 1,1-Dichloropropene	8.378	75	192097	18.776	ug/l	98
37) Ethyl Acetate	7.566	43	147008	16.060	ug/l	99
38) Carbon Tetrachloride	8.366	117	209719	20.008	ug/l	97
39) Methylcyclohexane	9.607	83	255662	18.532	ug/l	97
40) Benzene	8.613	78	585602	18.351	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	70054	14.238	ug/l	88
42) 1,2-Dichloroethane	8.678	62	189388	19.283	ug/l	97
43) Isopropyl Acetate	8.695	43	263329	15.590	ug/l	96
44) Trichloroethene	9.354	130	150415	19.699	ug/l	97
45) 1,2-Dichloropropane	9.625	63	139919	18.462	ug/l	99
46) Dibromomethane	9.713	93	107348	18.800	ug/l	99
47) Bromodichloromethane	9.889	83	215004	18.838	ug/l	96
48) Methyl methacrylate	9.683	41	111824	15.519	ug/l	94
49) 1,4-Dioxane	9.701	88	54561	312.327	ug/l	97
51) 4-Methyl-2-Pentanone	10.448	43	778452	79.733	ug/l	99
52) Toluene	10.636	92	397361	19.024	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	235023	18.963	ug/l	100
54) cis-1,3-Dichloropropene	10.313	75	249362	18.889	ug/l	95
55) 1,1,2-Trichloroethane	11.019	97	153056	18.667	ug/l	96
56) Ethyl methacrylate	10.878	69	226061	17.701	ug/l	96
57) 1,3-Dichloropropane	11.166	76	254922	18.819	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.166	63	265167	69.750	ug/l	96
59) 2-Hexanone	11.201	43	584591	80.372	ug/l	100
60) Dibromochloromethane	11.360	129	170010	20.132	ug/l	99
61) 1,2-Dibromoethane	11.472	107	157233	19.213	ug/l	100
64) Tetrachloroethene	11.107	164	119870	19.743	ug/l	97
65) Chlorobenzene	11.895	112	423504	19.572	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.960	131	156090	19.065	ug/l	99
67) Ethyl Benzene	11.966	91	773162	19.363	ug/l	96
68) m/p-Xylenes	12.072	106	597991	38.115	ug/l	100
69) o-Xylene	12.401	106	297158	19.199	ug/l	100
70) Styrene	12.413	104	479069	19.234	ug/l	98
71) Bromoform	12.583	173	107100	18.583	ug/l #	98
73) Isopropylbenzene	12.701	105	771731	18.701	ug/l	99
74) N-amyl acetate	12.495	43	231162	14.782	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.942	83	226817	17.515	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	158635m	15.680	ug/l	
77) Bromobenzene	12.983	156	162339	19.348	ug/l	91
78) n-propylbenzene	13.042	91	867691	19.030	ug/l	100
79) 2-Chlorotoluene	13.130	91	510365	18.589	ug/l	99
80) 1,3,5-Trimethylbenzene	13.177	105	626814	19.018	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.736	75	80155	17.829	ug/l	87
82) 4-Chlorotoluene	13.224	91	491179	18.975	ug/l	100
83) tert-Butylbenzene	13.442	119	545936	18.609	ug/l	100
84) 1,2,4-Trimethylbenzene	13.489	105	600098	18.430	ug/l	99
85) sec-Butylbenzene	13.618	105	791248	19.353	ug/l	100
86) p-Isopropyltoluene	13.736	119	630266	19.615	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	301713	19.436	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	300688	19.642	ug/l	99
89) n-Butylbenzene	14.060	91	512867	19.226	ug/l	99
90) Hexachloroethane	14.336	117	128816	18.335	ug/l	99
91) 1,2-Dichlorobenzene	14.113	146	293337	18.889	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.718	75	39088	15.927	ug/l	98
93) 1,2,4-Trichlorobenzene	15.371	180	88456	15.779	ug/l	99
94) Hexachlorobutadiene	15.465	225	63907	19.694	ug/l	99
95) Naphthalene	15.589	128	312819	14.855	ug/l	99
96) 1,2,3-Trichlorobenzene	15.760	180	79158	14.763	ug/l	99

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MSVOA_N
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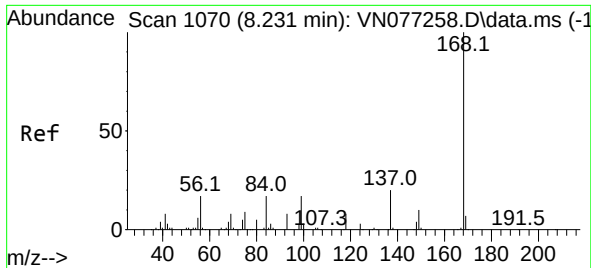
Manual Integrations
APPROVED

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

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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



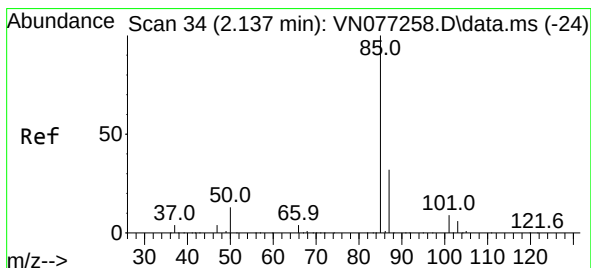
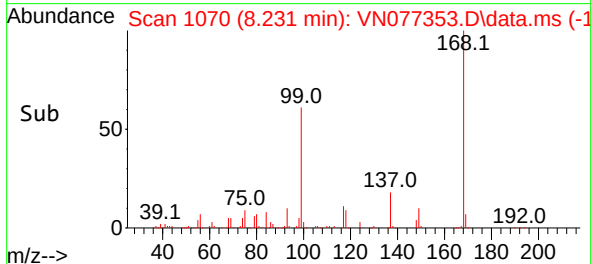
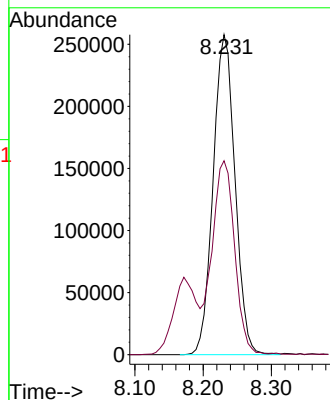
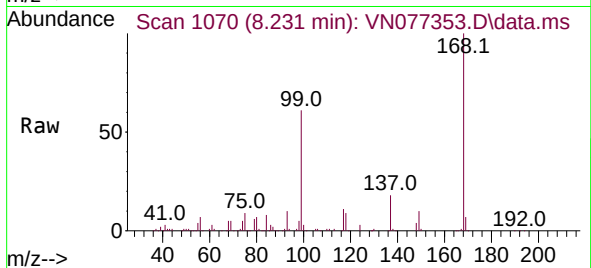
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077353.D
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Instrument :
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ClientSampleId :
VN0417WBS01

Tgt Ion:168 Resp: 57599
Ion Ratio Lower Upper
168 100
99 60.4 50.6 75.8

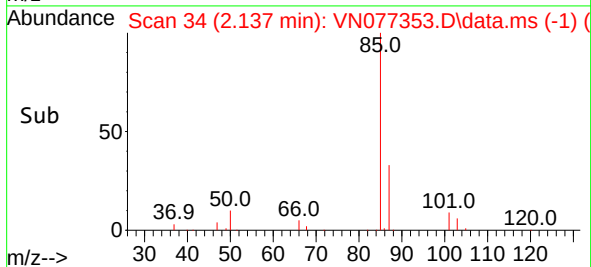
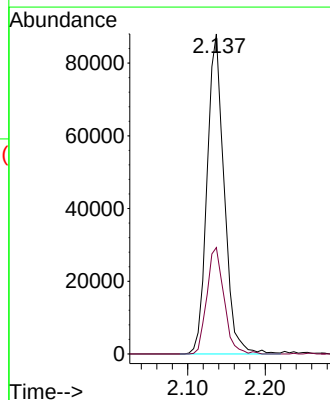
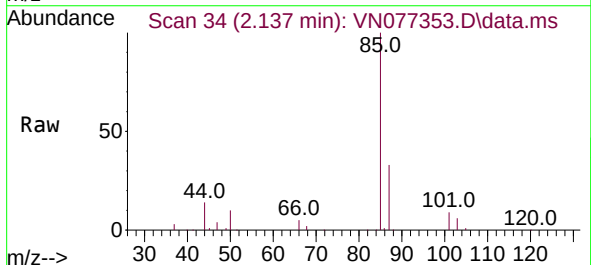
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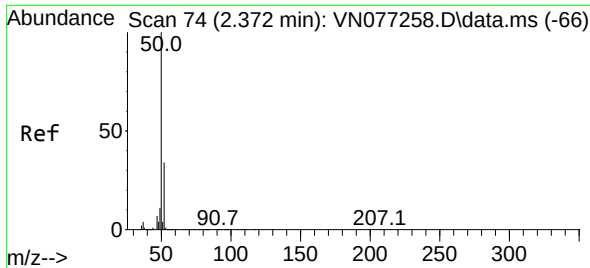
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#2
Dichlorodifluoromethane
Concen: 18.334 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077353.D
Acq: 17 Apr 2023 12:59

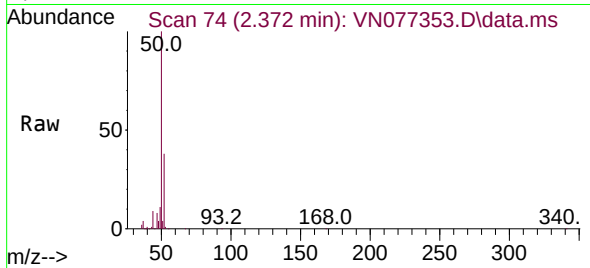
Tgt Ion: 85 Resp: 134786
Ion Ratio Lower Upper
85 100
87 33.3 16.1 48.2





#3
Chloromethane
Concen: 13.740 ug/l
RT: 2.372 min Scan# 74
Delta R.T. 0.000 min
Lab File: VN077353.D
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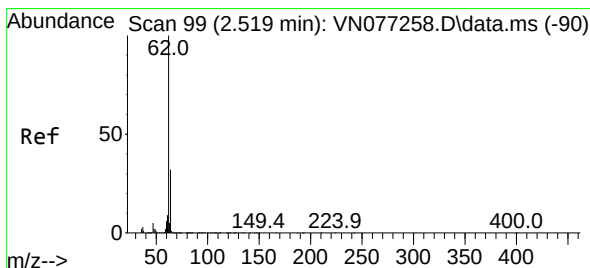
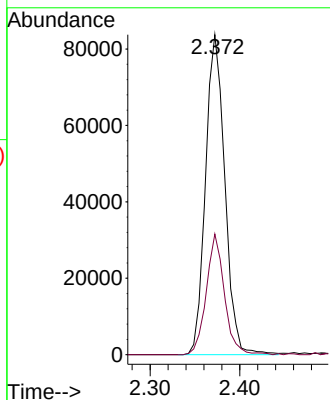
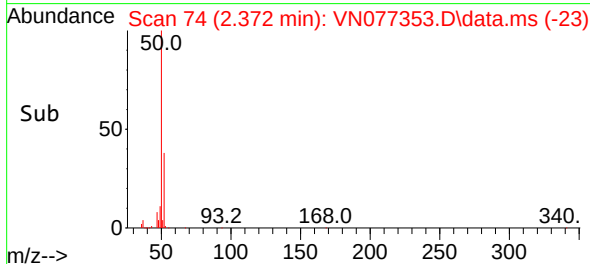
Instrument :
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ClientSampleId :
VN0417WBS01



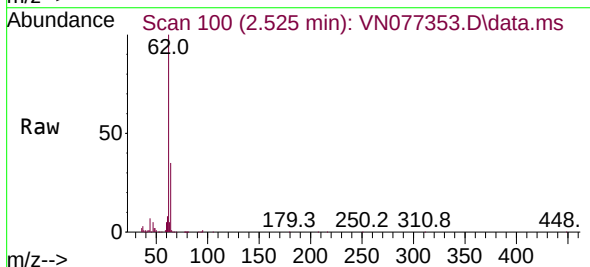
Tgt Ion: 50 Resp: 12518
Ion Ratio Lower Upper
50 100
52 37.7 27.3 40.9

Manual Integrations
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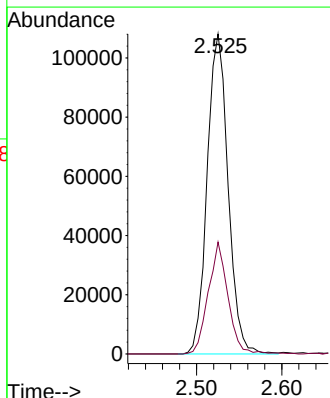
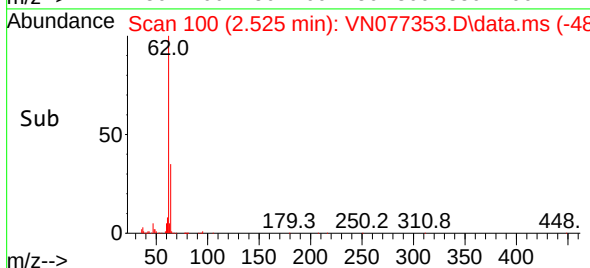
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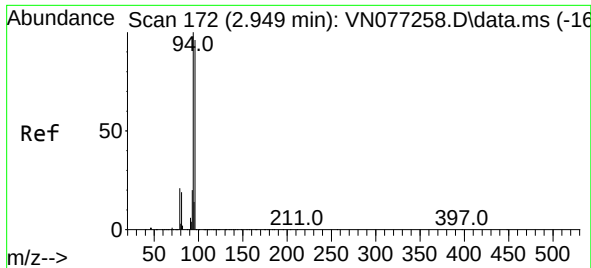


#4
Vinyl Chloride
Concen: 14.915 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.006 min
Lab File: VN077353.D
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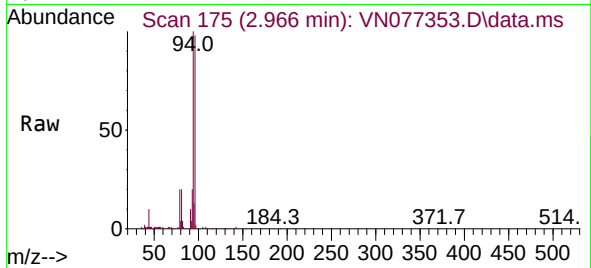
Tgt Ion: 62 Resp: 184241
Ion Ratio Lower Upper
62 100
64 34.9 25.8 38.8





#5
Bromomethane
Concen: 15.606 ug/l
RT: 2.966 min Scan# 11
Delta R.T. 0.017 min
Lab File: VN077353.D
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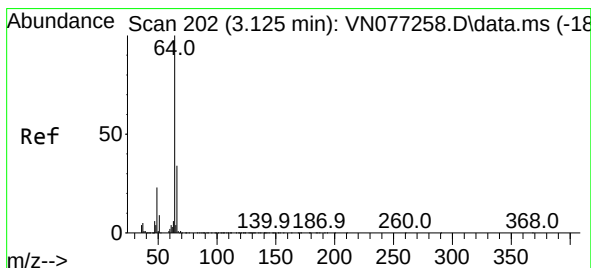
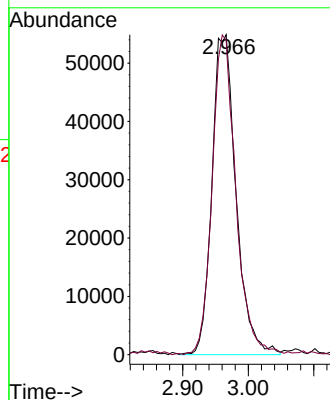
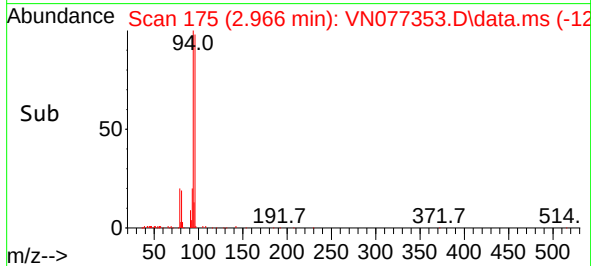
Instrument :
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Tgt Ion: 94 Resp: 13975
Ion Ratio Lower Upper
94 100
96 98.0 77.0 115.4

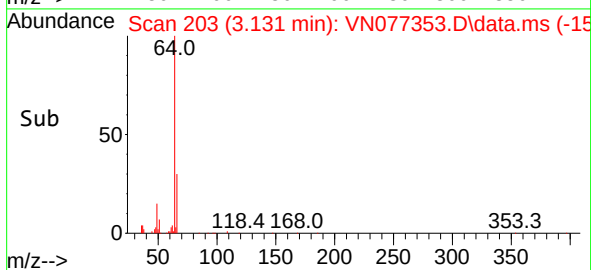
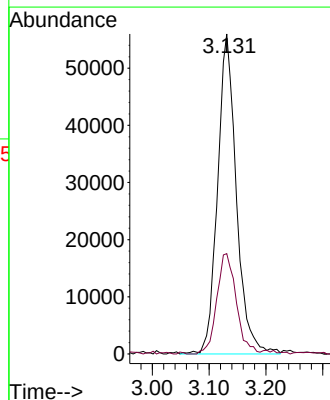
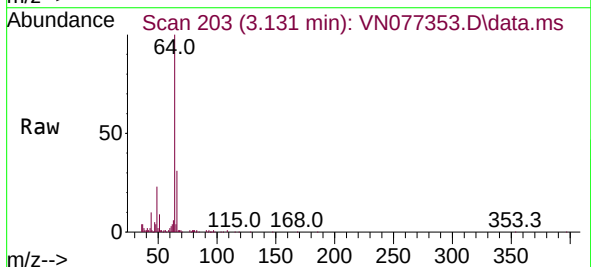
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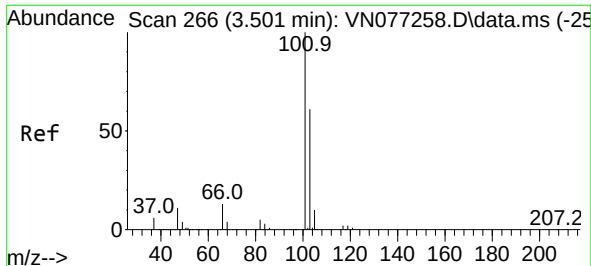
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#6
Chloroethane
Concen: 14.618 ug/l
RT: 3.131 min Scan# 203
Delta R.T. 0.006 min
Lab File: VN077353.D
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Tgt Ion: 64 Resp: 128860
Ion Ratio Lower Upper
64 100
66 30.9 26.9 40.3





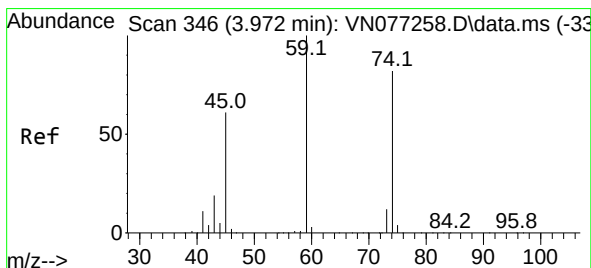
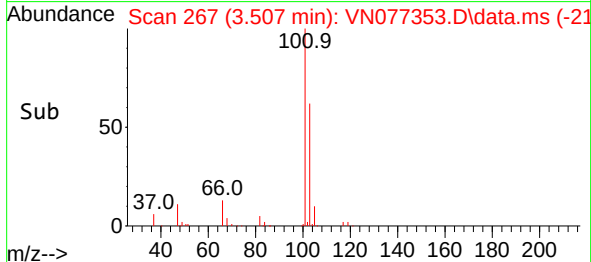
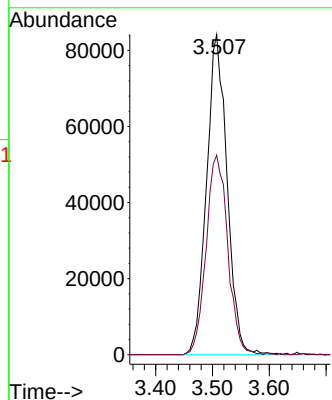
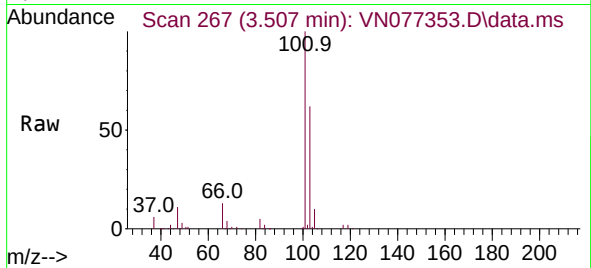
#7
Trichlorofluoromethane
Concen: 19.672 ug/l
RT: 3.507 min Scan# 210700
Delta R.T. 0.006 min
Lab File: VN077353.D
Acq: 17 Apr 2023 12:59

Instrument :
MSVOA_N
ClientSampleId :
VN0417WBS01

Tgt Ion:101 Resp: 210700
Ion Ratio Lower Upper
101 100
103 62.4 49.0 73.4

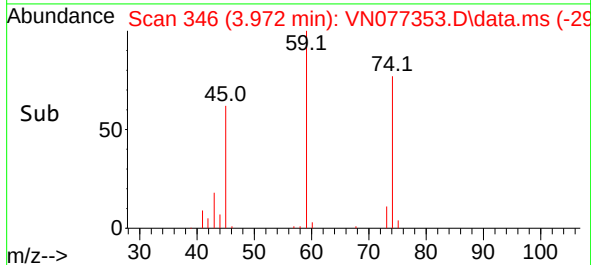
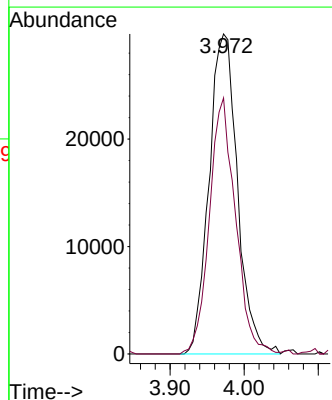
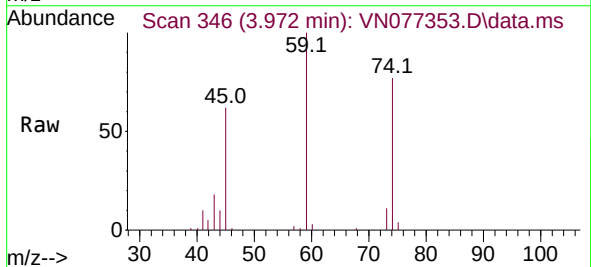
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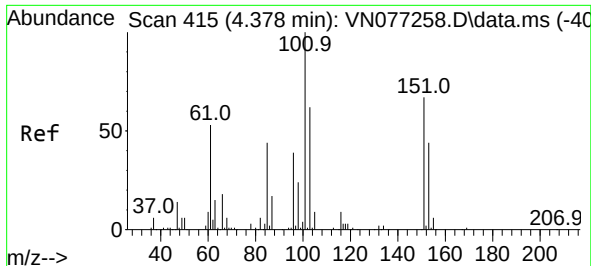
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#8
Diethyl Ether
Concen: 17.686 ug/l
RT: 3.972 min Scan# 346
Delta R.T. 0.000 min
Lab File: VN077353.D
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Tgt Ion: 74 Resp: 79381
Ion Ratio Lower Upper
74 100
45 73.5 37.8 113.4





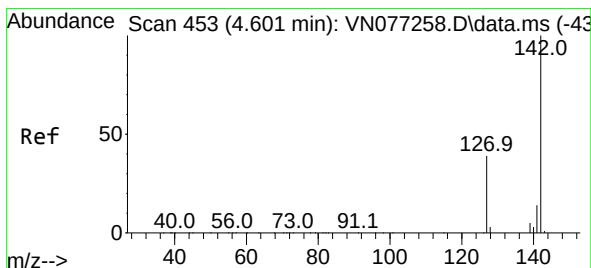
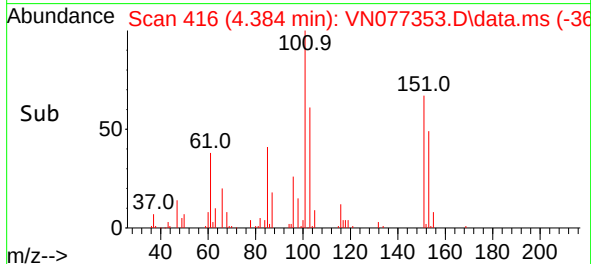
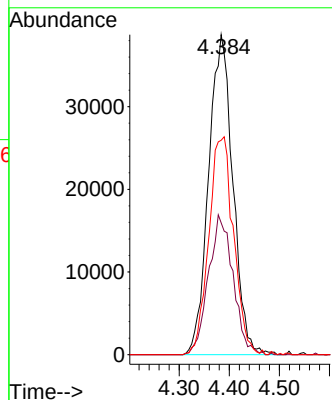
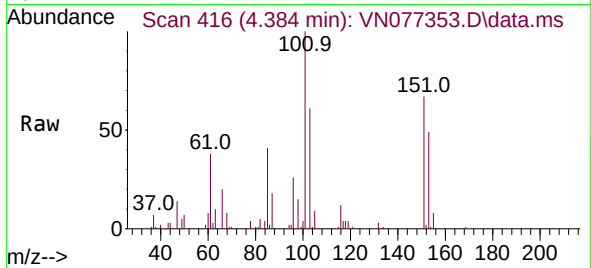
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.844 ug/l
RT: 4.384 min Scan# 415
Delta R.T. 0.006 min
Lab File: VN077353.D
Acq: 17 Apr 2023 12:59

Instrument :
MSVOA_N
ClientSampleId :
VN0417WBS01

Tgt Ion:101 Resp: 130072
Ion Ratio Lower Upper
101 100
85 44.2 37.3 55.9
151 69.6 56.3 84.5

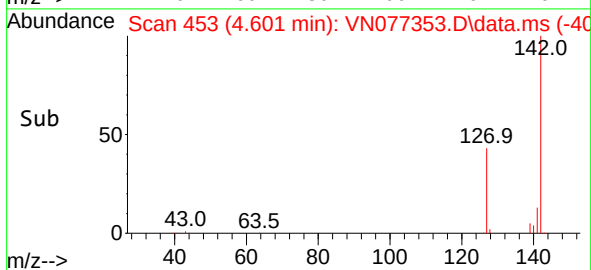
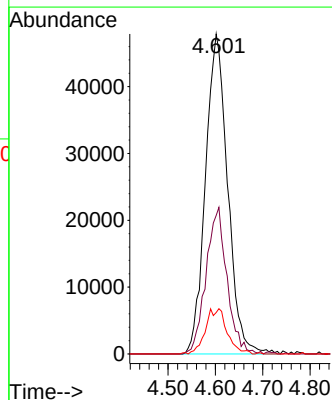
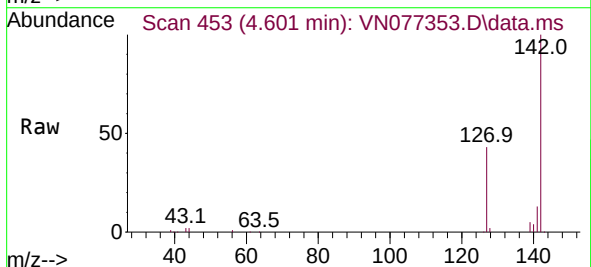
Manual Integrations
APPROVED

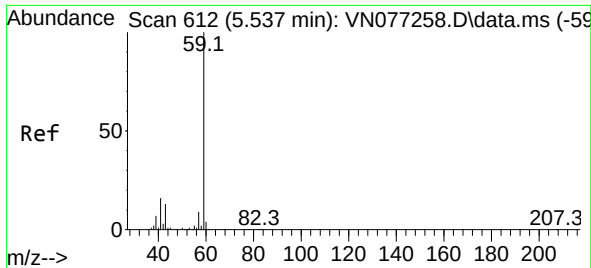
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#10
Methyl Iodide
Concen: 19.565 ug/l
RT: 4.601 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN077353.D
Acq: 17 Apr 2023 12:59

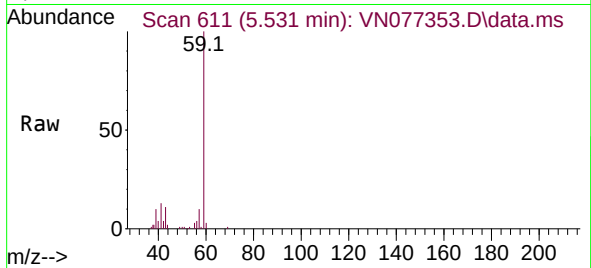
Tgt Ion:142 Resp: 155972
Ion Ratio Lower Upper
142 100
127 43.3 31.5 47.3
141 12.9 11.4 17.2





#11
Tert butyl alcohol
Concen: 71.561 ug/l
RT: 5.531 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN077353.D
Acq: 17 Apr 2023 12:59

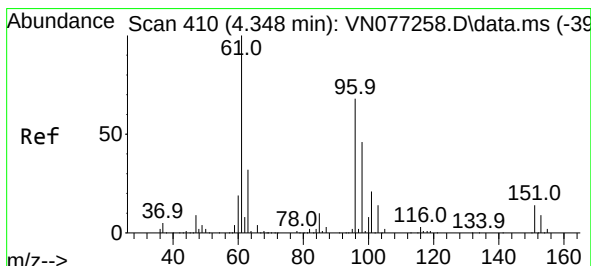
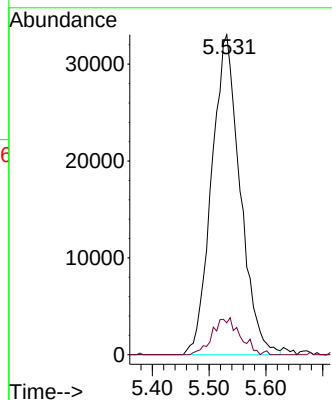
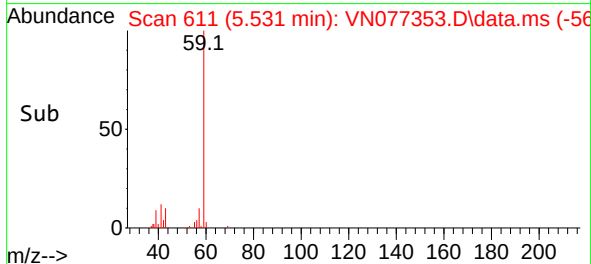
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBS01



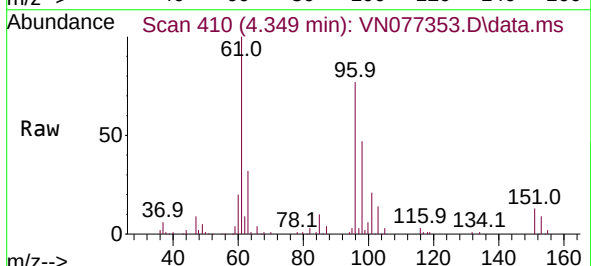
Tgt Ion: 59 Resp: 114952
Ion Ratio Lower Upper
59 100
57 11.1 8.3 12.5

Manual Integrations
APPROVED

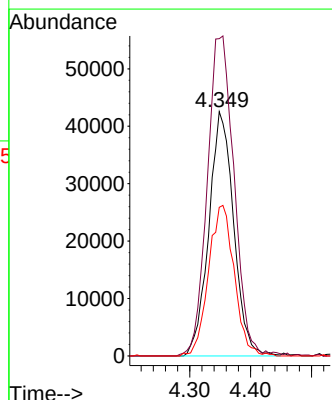
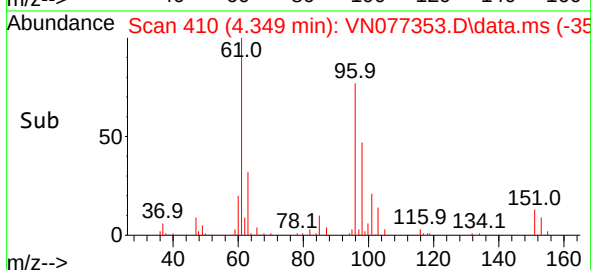
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023

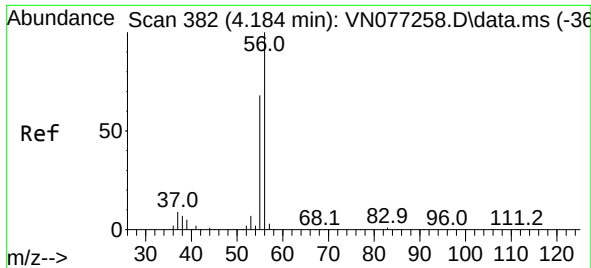


#12
1,1-Dichloroethene
Concen: 17.882 ug/l
RT: 4.349 min Scan# 410
Delta R.T. 0.001 min
Lab File: VN077353.D
Acq: 17 Apr 2023 12:59



Tgt Ion: 96 Resp: 120658
Ion Ratio Lower Upper
96 100
61 129.2 118.3 177.5
98 60.9 54.5 81.7





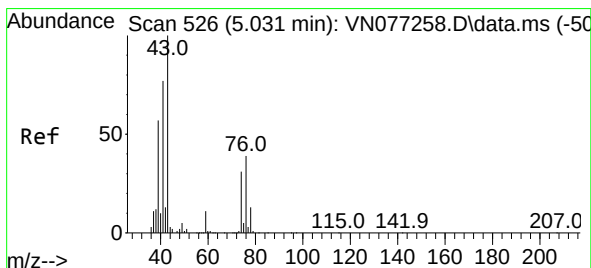
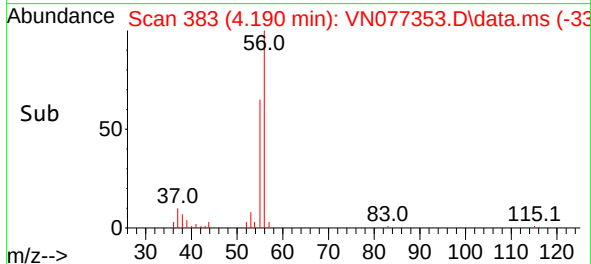
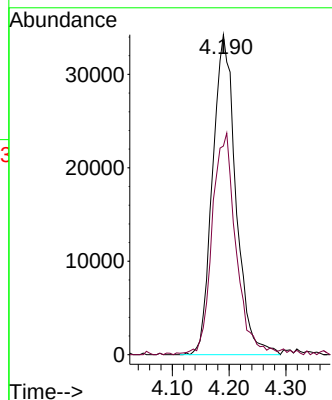
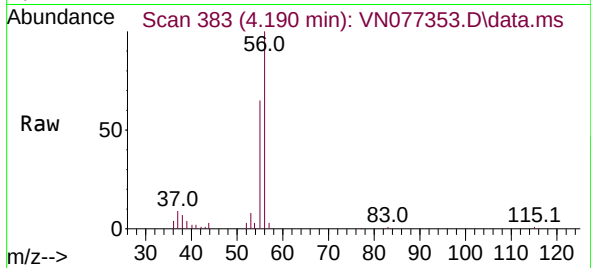
#13
Acrolein
Concen: 64.189 ug/l
RT: 4.190 min Scan# 382
Delta R.T. 0.006 min
Lab File: VN077353.D
Acq: 17 Apr 2023 12:59

Instrument :
MSVOA_N
ClientSampleId :
VN0417WBS01

Tgt Ion: 56 Resp: 97650
Ion Ratio Lower Upper
56 100
55 70.7 54.2 81.2

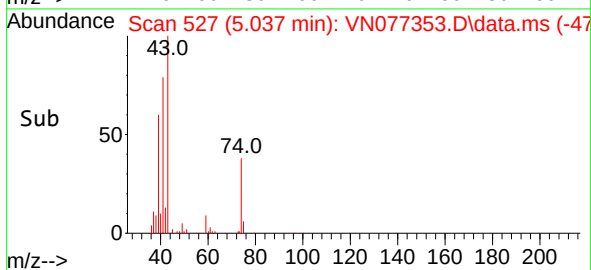
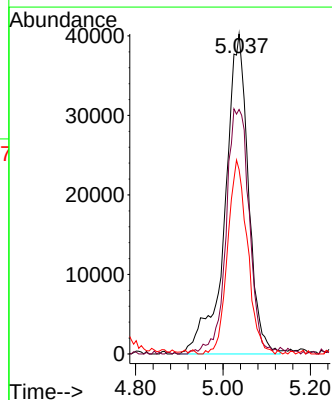
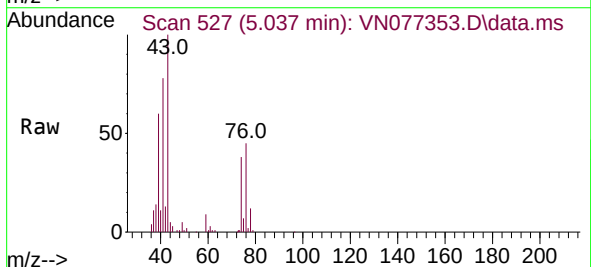
Manual Integrations
APPROVED

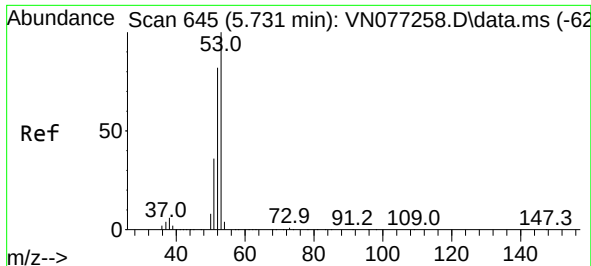
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#14
Allyl chloride
Concen: 14.768 ug/l
RT: 5.037 min Scan# 527
Delta R.T. 0.006 min
Lab File: VN077353.D
Acq: 17 Apr 2023 12:59

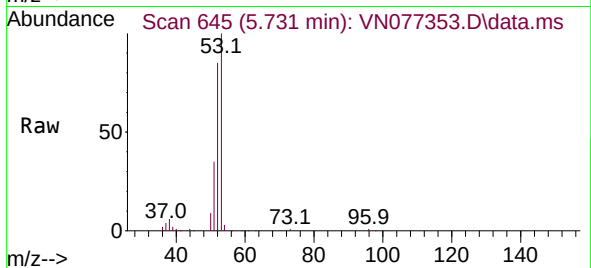
Tgt Ion: 41 Resp: 150500
Ion Ratio Lower Upper
41 100
39 75.6 55.0 82.4
76 51.2 35.4 53.2





#15
Acrylonitrile
Concen: 78.455 ug/l
RT: 5.731 min Scan# 645
Delta R.T. -0.000 min
Lab File: VN077353.D
Acq: 17 Apr 2023 12:59

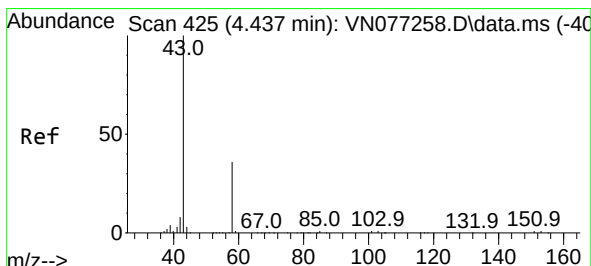
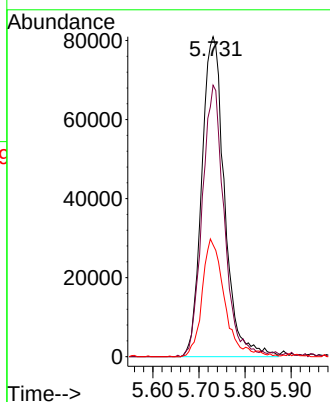
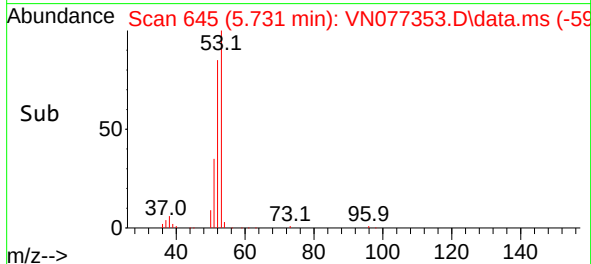
Instrument : MSVOA_N
ClientSampleId : VN0417WBS01



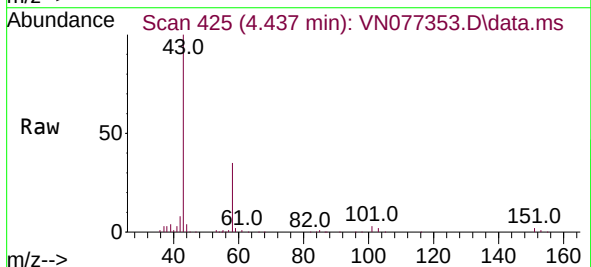
Tgt Ion: 53 Resp: 27861
Ion Ratio Lower Upper
53 100
52 81.5 65.2 97.8
51 35.5 28.1 42.1

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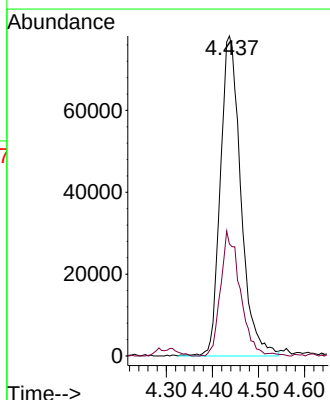
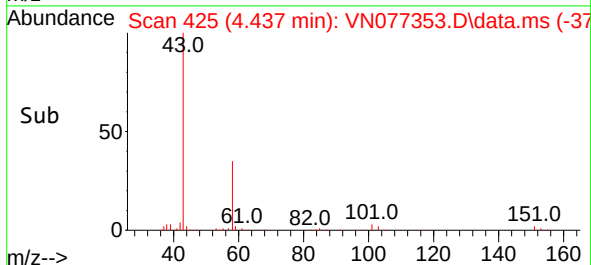
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023

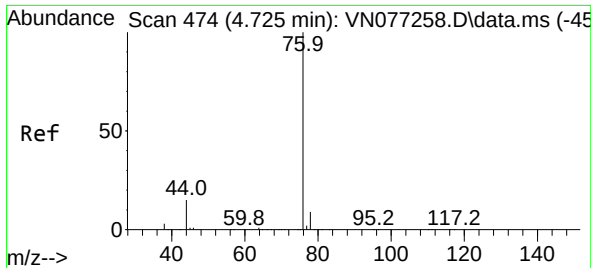


#16
Acetone
Concen: 83.144 ug/l
RT: 4.437 min Scan# 425
Delta R.T. -0.000 min
Lab File: VN077353.D
Acq: 17 Apr 2023 12:59



Tgt Ion: 43 Resp: 241332
Ion Ratio Lower Upper
43 100
58 34.5 29.0 43.6





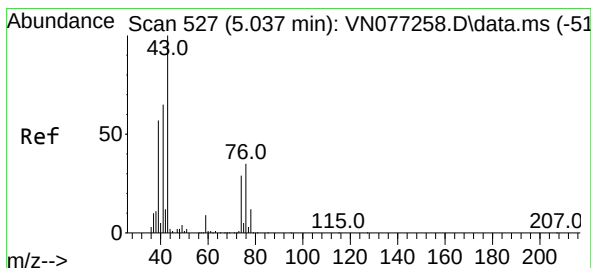
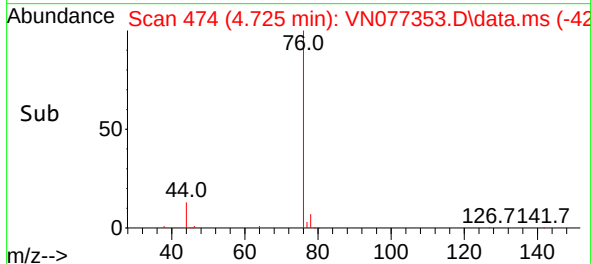
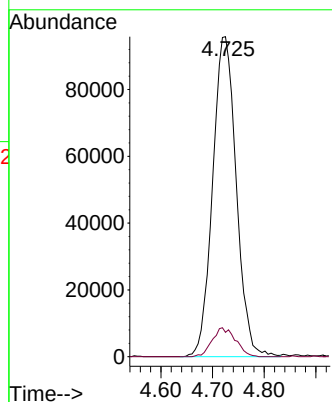
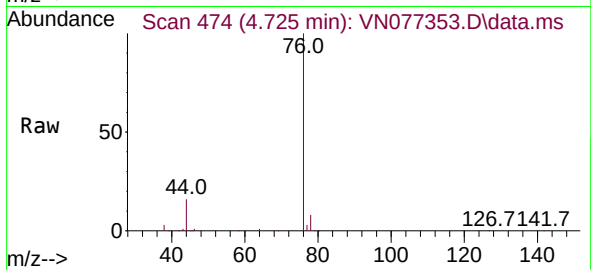
#17
Carbon Disulfide
Concen: 16.727 ug/l
RT: 4.725 min Scan# 474
Delta R.T. -0.000 min
Lab File: VN077353.D
Acq: 17 Apr 2023 12:59

Instrument :
MSVOA_N
ClientSampleId :
VN0417WBS01

Tgt Ion: 76 Resp: 30434
Ion Ratio Lower Upper
76 100
78 7.6 7.3 10.9

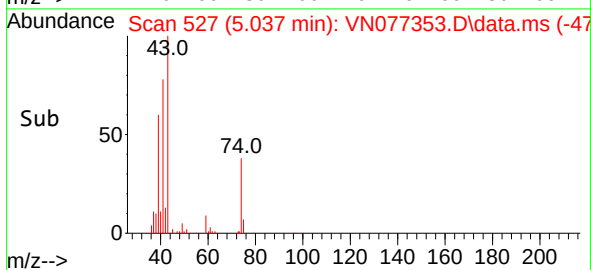
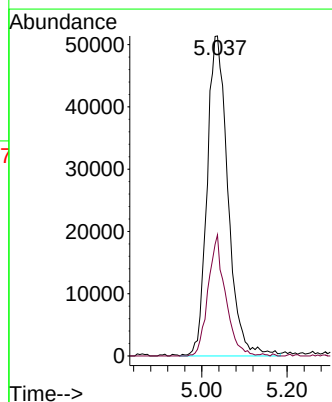
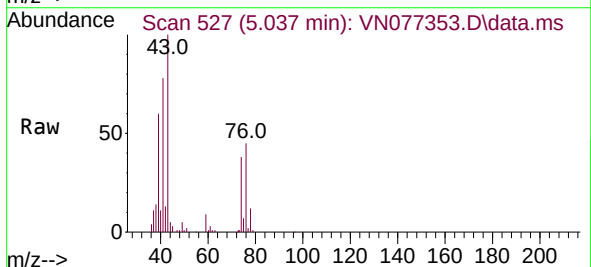
Manual Integrations
APPROVED

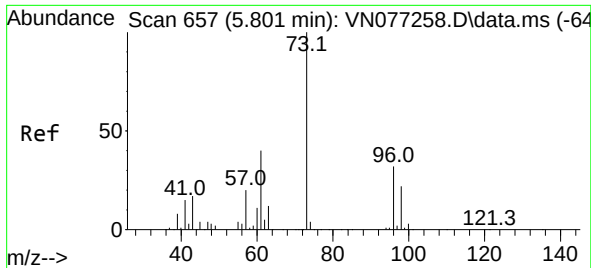
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#18
Methyl Acetate
Concen: 15.760 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN077353.D
Acq: 17 Apr 2023 12:59

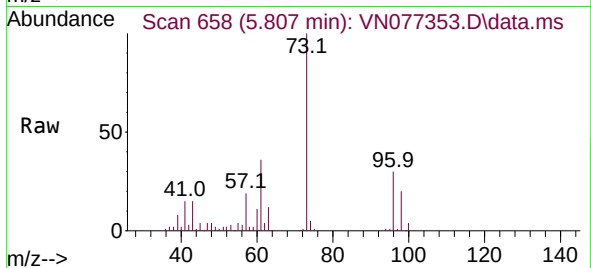
Tgt Ion: 43 Resp: 174218
Ion Ratio Lower Upper
43 100
74 31.5 23.4 35.2





#19
Methyl tert-butyl Ether
Concen: 17.864 ug/l
RT: 5.807 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN077353.D
Acq: 17 Apr 2023 12:59

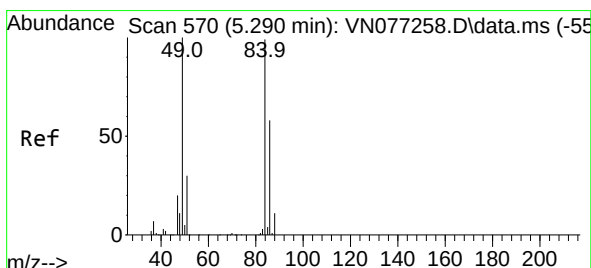
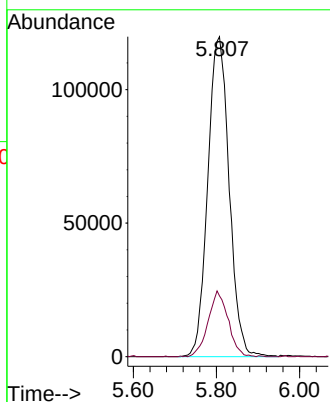
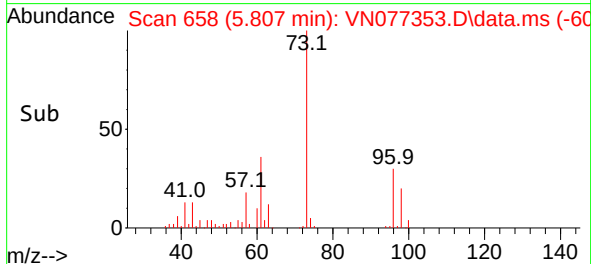
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBS01



Tgt Ion: 73 Resp: 427699
Ion Ratio Lower Upper
73 100
57 19.0 16.2 24.4

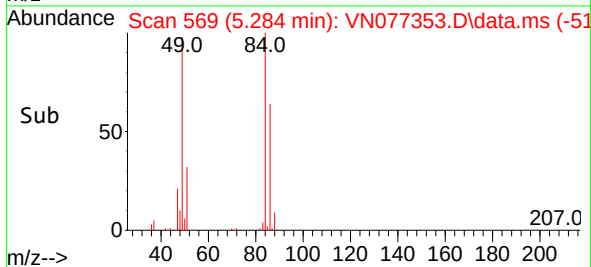
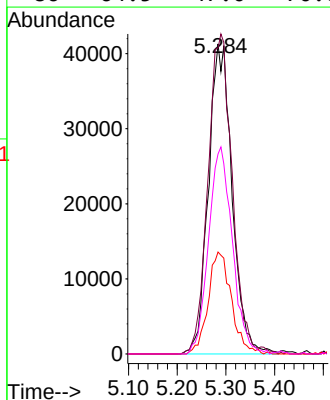
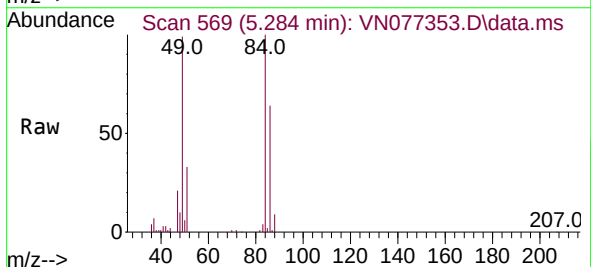
Manual Integrations
APPROVED

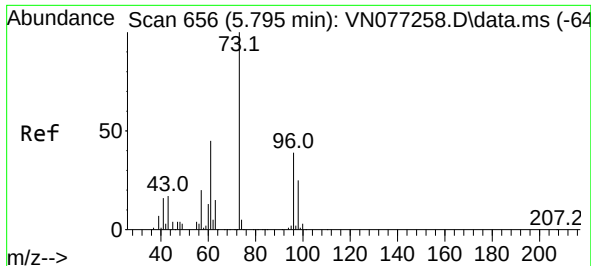
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#20
Methylene Chloride
Concen: 16.994 ug/l
RT: 5.284 min Scan# 569
Delta R.T. -0.006 min
Lab File: VN077353.D
Acq: 17 Apr 2023 12:59

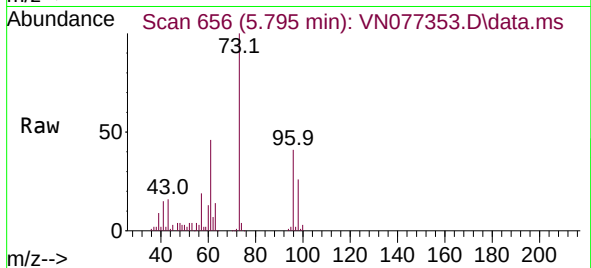
Tgt Ion: 84 Resp: 139306
Ion Ratio Lower Upper
84 100
49 98.7 80.6 121.0
51 32.9 24.4 36.6
86 64.5 47.0 70.6





#21
trans-1,2-Dichloroethene
Concen: 18.204 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077353.D
Acq: 17 Apr 2023 12:59

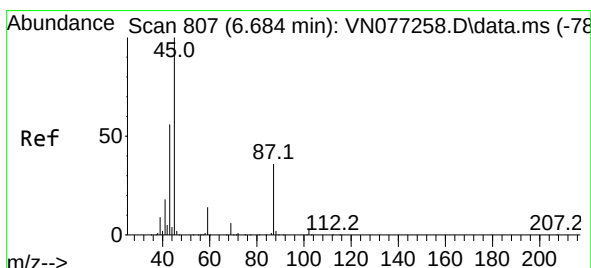
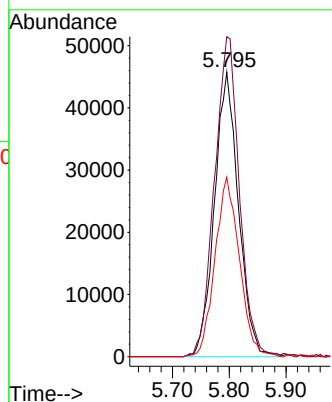
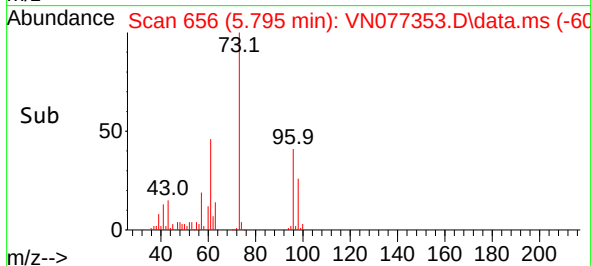
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBS01



Tgt Ion: 96 Resp: 13448
Ion Ratio Lower Upper
96 100
61 112.5 93.8 140.6
98 63.1 50.9 76.3

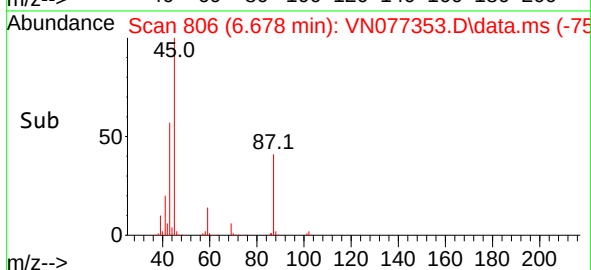
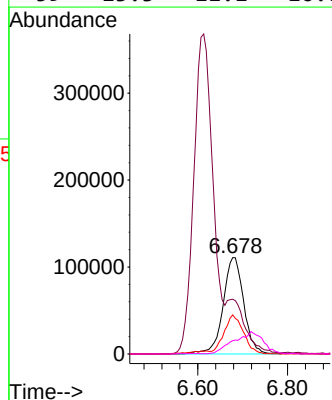
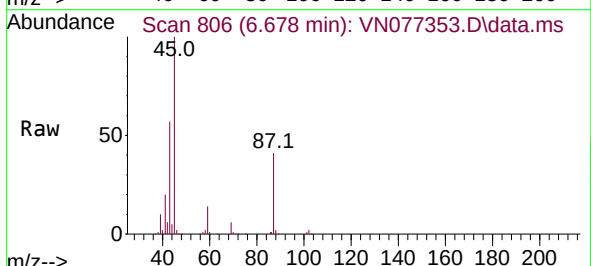
Manual Integrations
APPROVED

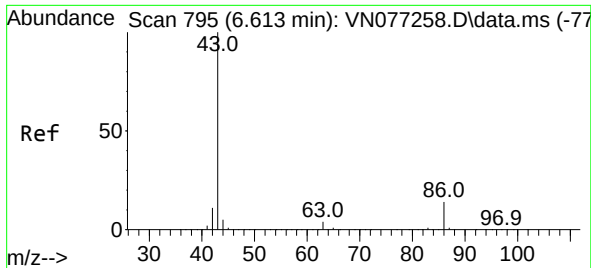
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#22
Diisopropyl ether
Concen: 17.349 ug/l
RT: 6.678 min Scan# 806
Delta R.T. -0.006 min
Lab File: VN077353.D
Acq: 17 Apr 2023 12:59

Tgt Ion: 45 Resp: 354448
Ion Ratio Lower Upper
45 100
43 55.6 44.6 66.8
87 40.6 28.4 42.6
59 13.3 11.1 16.7





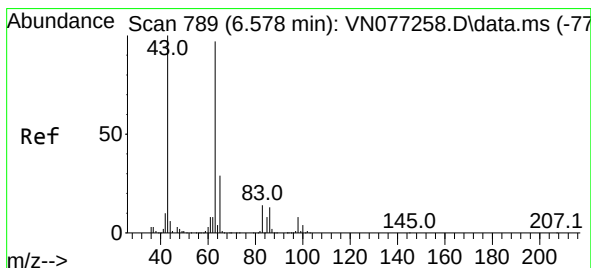
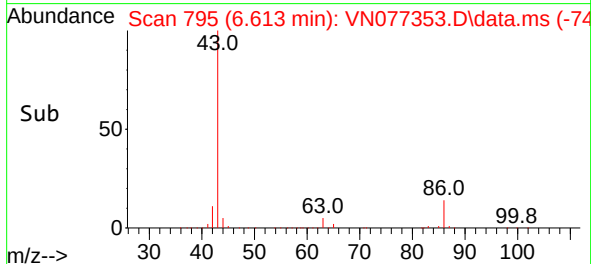
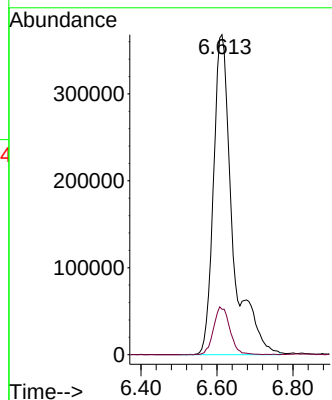
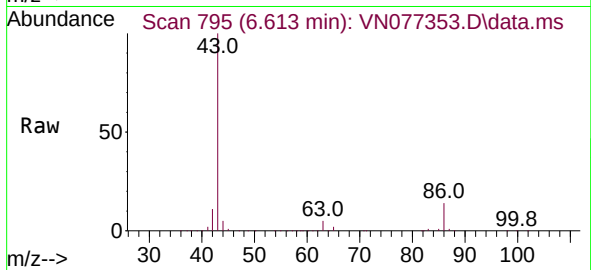
#23
 Vinyl Acetate
 Concen: 92.596 ug/l m
 RT: 6.613 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: VN077353.D
 Acq: 17 Apr 2023 12:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0417WBS01

Tgt Ion: 43 Resp: 127915
 Ion Ratio Lower Upper
 43 100
 86 14.2 11.2 16.8

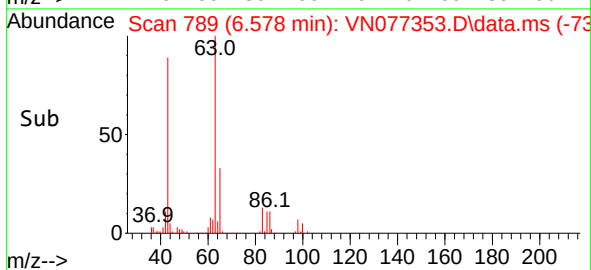
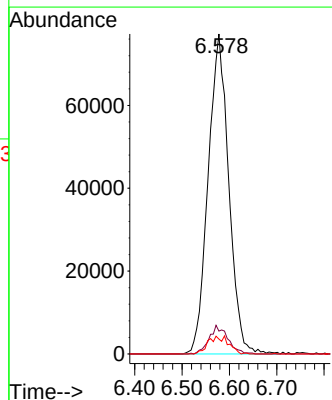
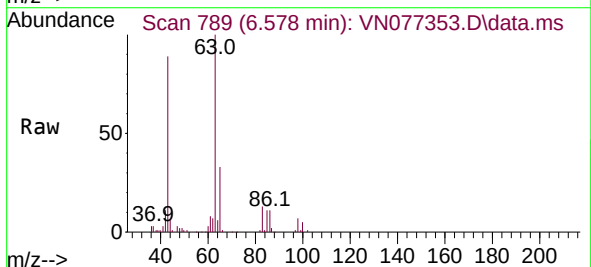
Manual Integrations
 APPROVED

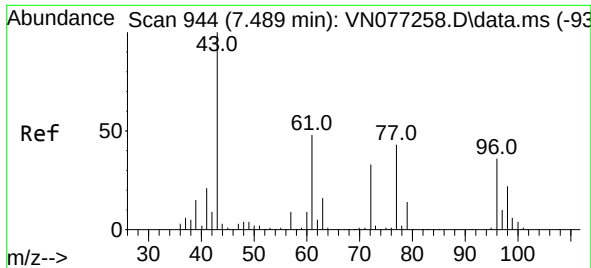
Reviewed By :John Carlone 04/18/2023
 Supervised By :Mahesh Dadoda 04/18/2023



#24
 1,1-Dichloroethane
 Concen: 17.705 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: VN077353.D
 Acq: 17 Apr 2023 12:59

Tgt Ion: 63 Resp: 233589
 Ion Ratio Lower Upper
 63 100
 98 7.1 4.0 12.0
 100 4.6 2.3 6.9





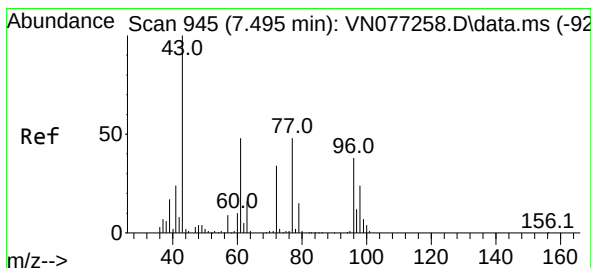
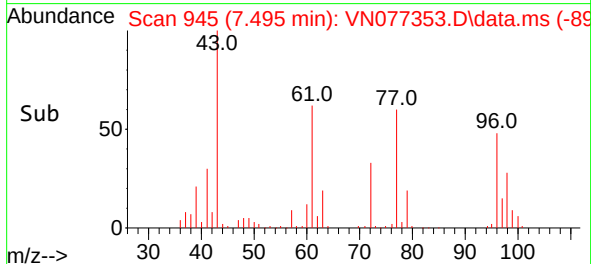
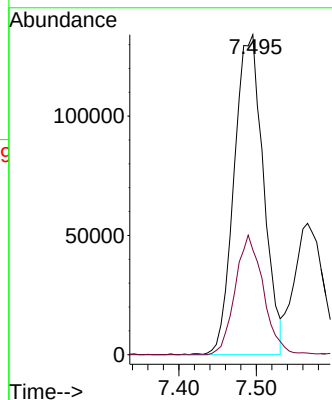
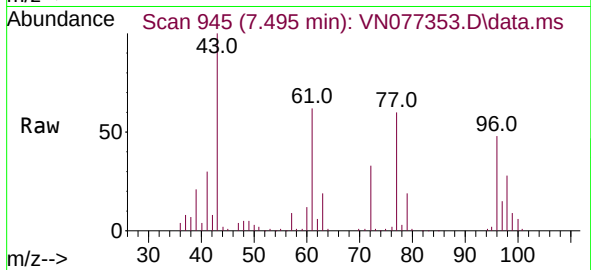
#25
2-Butanone
Concen: 74.649 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.006 min
Lab File: VN077353.D
Acq: 17 Apr 2023 12:59

Instrument :
MSVOA_N
ClientSampleId :
VN0417WBS01

Tgt Ion: 43 Resp: 35165
Ion Ratio Lower Upper
43 100
72 32.8 26.6 39.8

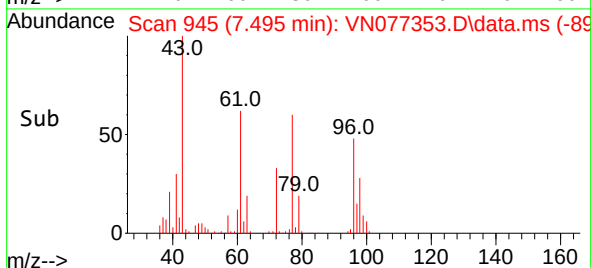
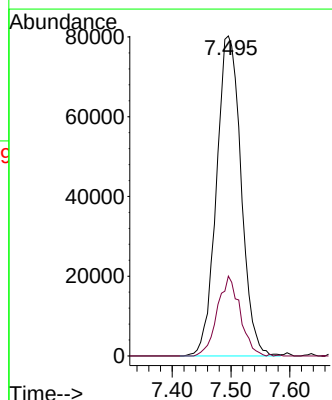
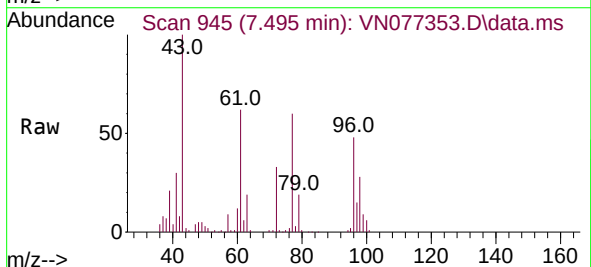
Manual Integrations
APPROVED

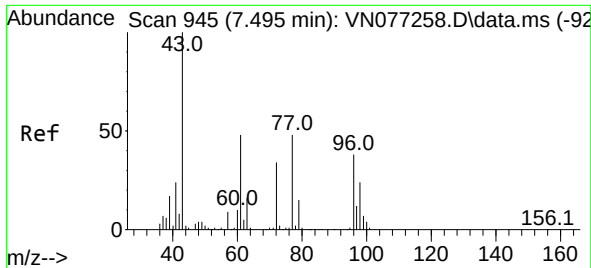
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#26
2,2-Dichloropropane
Concen: 19.309 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN077353.D
Acq: 17 Apr 2023 12:59

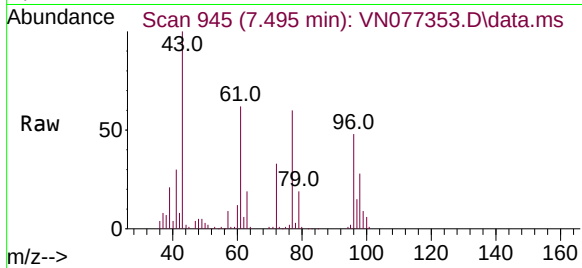
Tgt Ion: 77 Resp: 233594
Ion Ratio Lower Upper
77 100
97 23.1 12.0 36.1





#27
 cis-1,2-Dichloroethene
 Concen: 18.317 ug/l
 RT: 7.495 min Scan# 945
 Delta R.T. 0.000 min
 Lab File: VN077353.D
 Acq: 17 Apr 2023 12:59

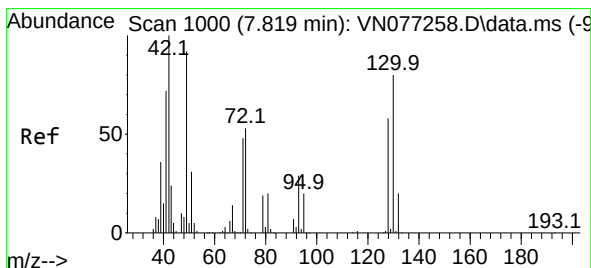
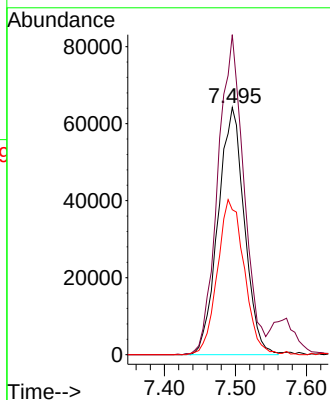
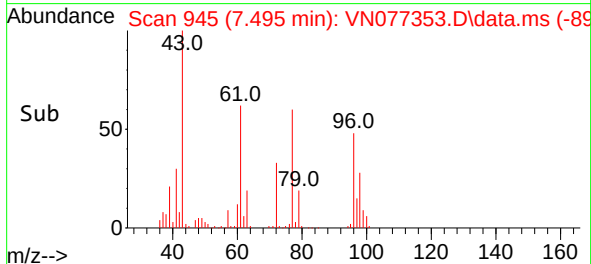
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0417WBS01



Tgt Ion: 96 Resp: 165250
 Ion Ratio Lower Upper
 96 100
 61 127.9 0.0 261.0
 98 63.9 0.0 128.0

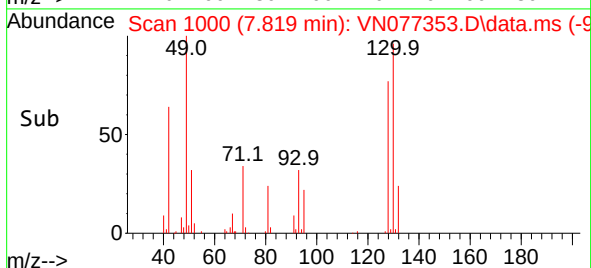
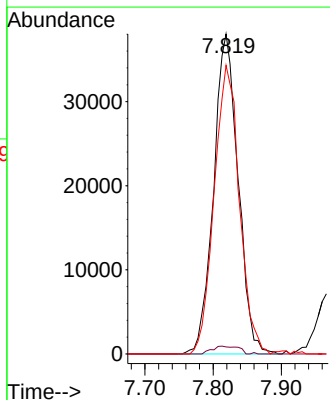
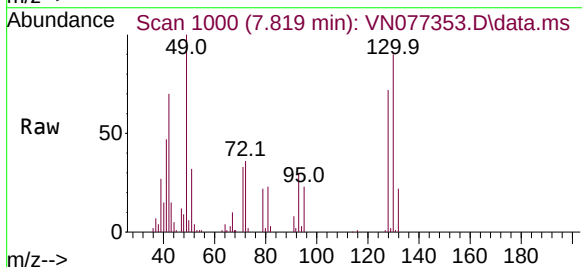
Manual Integrations
 APPROVED

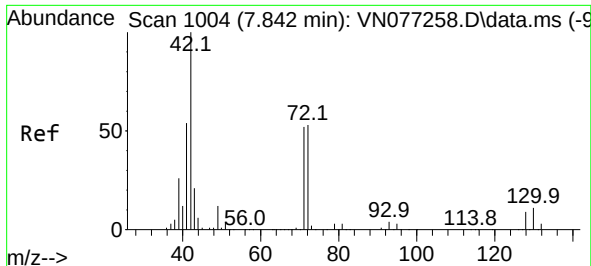
Reviewed By :John Carlone 04/18/2023
 Supervised By :Mahesh Dadoda 04/18/2023



#28
 Bromochloromethane
 Concen: 17.909 ug/l
 RT: 7.819 min Scan# 1000
 Delta R.T. -0.000 min
 Lab File: VN077353.D
 Acq: 17 Apr 2023 12:59

Tgt Ion: 49 Resp: 95046
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 4.4
 130 93.0 68.4 102.6





#29

Tetrahydrofuran

Concen: 73.222 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VN077353.D

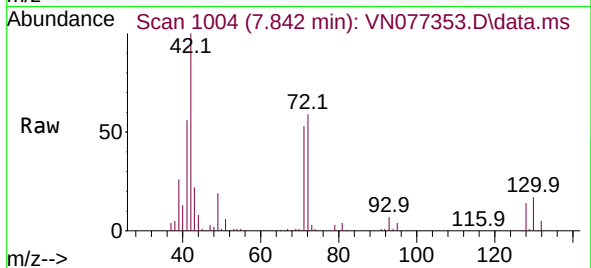
Acq: 17 Apr 2023 12:59

Instrument :

MSVOA_N

ClientSampleId :

VN0417WBS01



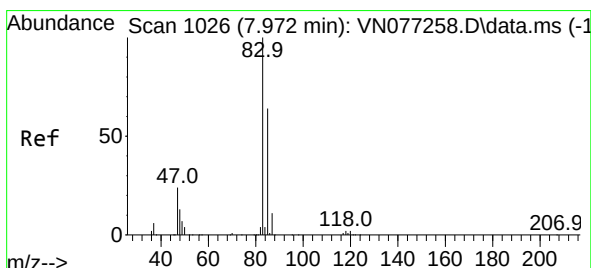
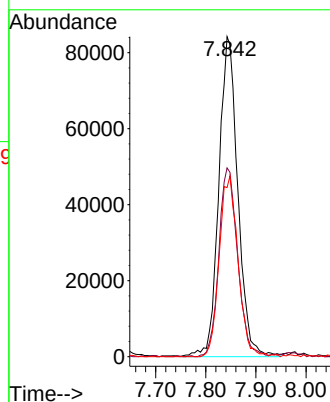
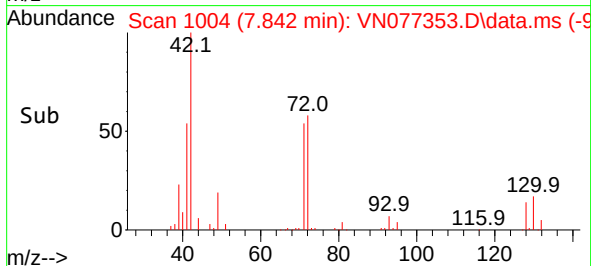
Tgt Ion:	42	72	71
Ratio	100	58.4	55.7
Lower		44.6	41.3
Upper		66.8	61.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/18/2023

Supervised By :Mahesh Dadoda 04/18/2023



#30

Chloroform

Concen: 18.474 ug/l

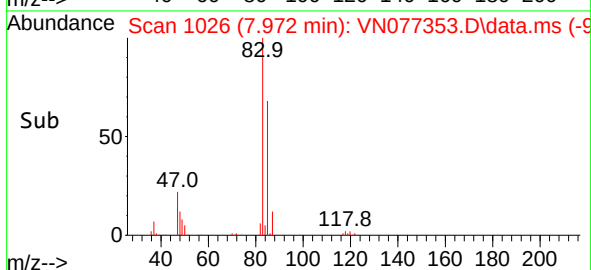
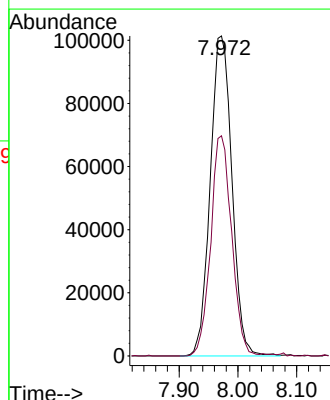
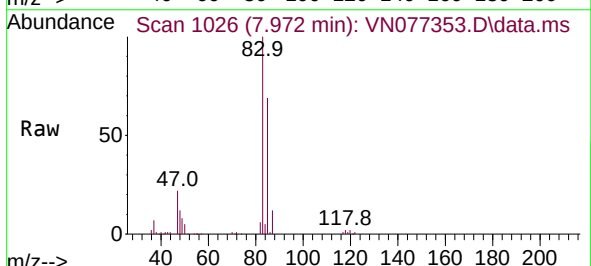
RT: 7.972 min Scan# 1026

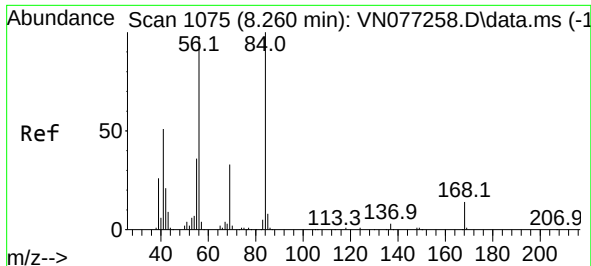
Delta R.T. -0.000 min

Lab File: VN077353.D

Acq: 17 Apr 2023 12:59

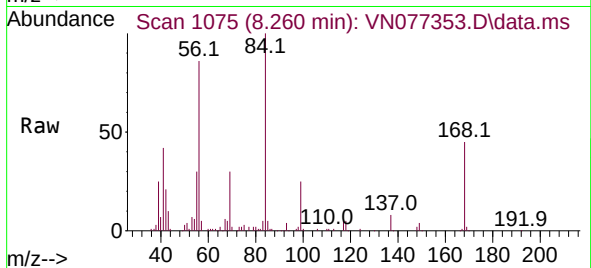
Tgt Ion:	83	85
Ratio	100	68.8
Lower		50.9
Upper		76.3





#31
Cyclohexane
Concen: 16.529 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. 0.000 min
Lab File: VN077353.D
Acq: 17 Apr 2023 12:59

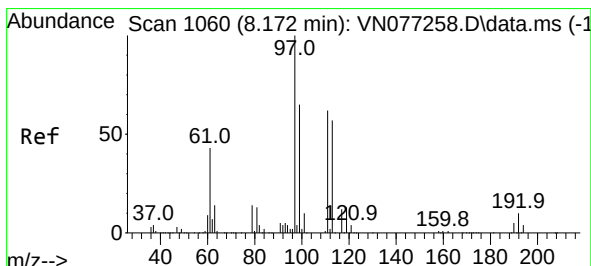
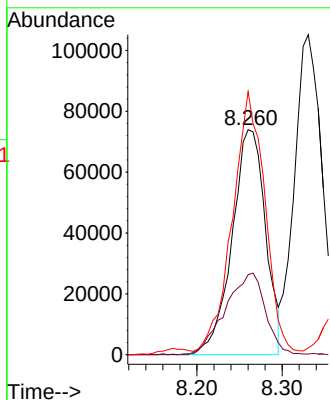
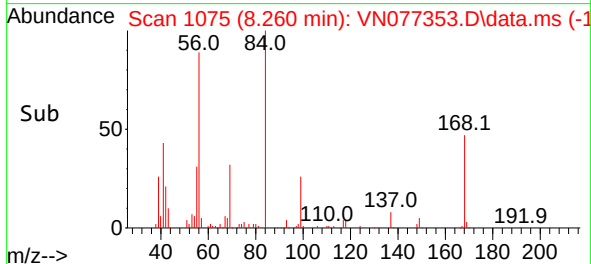
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBS01



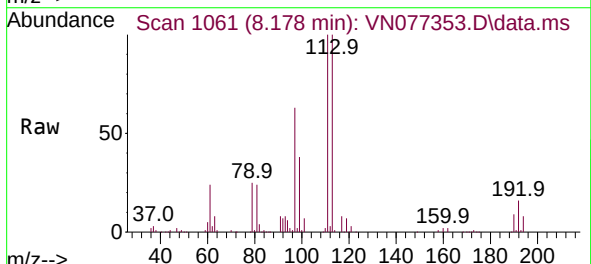
Tgt Ion: 56 Resp: 202188
Ion Ratio Lower Upper
56 100
69 35.5 26.6 40.0
84 114.3 81.8 122.8

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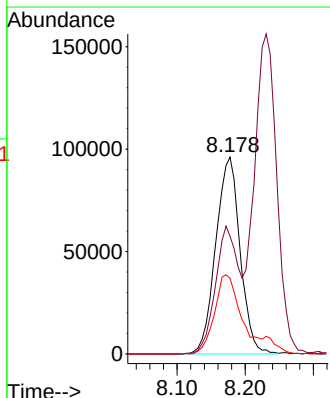
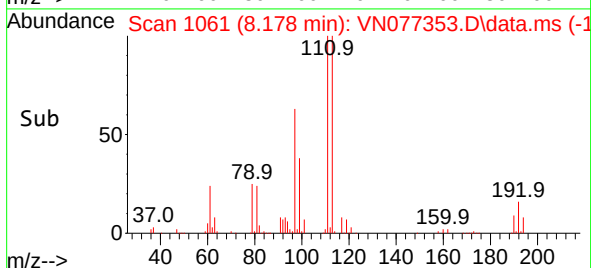
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023

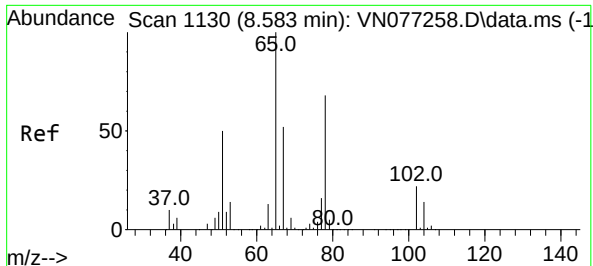


#32
1,1,1-Trichloroethane
Concen: 18.656 ug/l
RT: 8.178 min Scan# 1061
Delta R.T. 0.006 min
Lab File: VN077353.D
Acq: 17 Apr 2023 12:59



Tgt Ion: 97 Resp: 238716
Ion Ratio Lower Upper
97 100
99 61.0 54.2 81.4
61 48.6 35.8 53.6





#33

1,2-Dichloroethane-d4

Concen: 54.272 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. 0.001 min

Lab File: VN077353.D

Acq: 17 Apr 2023 12:59

Instrument :

MSVOA_N

ClientSampleId :

VN0417WBS01

Tgt Ion: 65 Resp: 42725

Ion Ratio Lower Upper

65 100

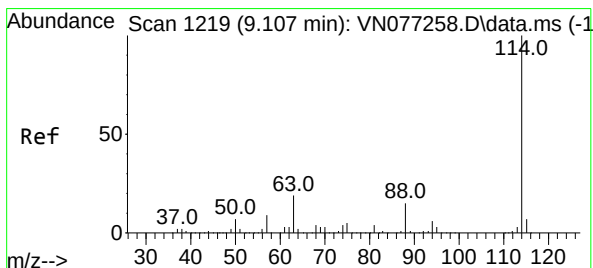
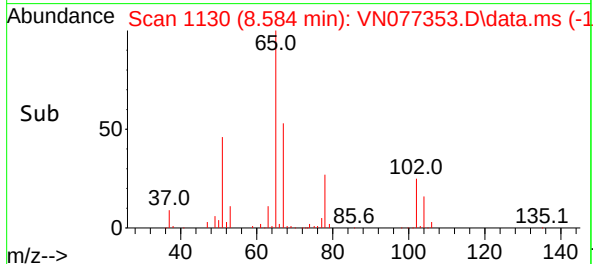
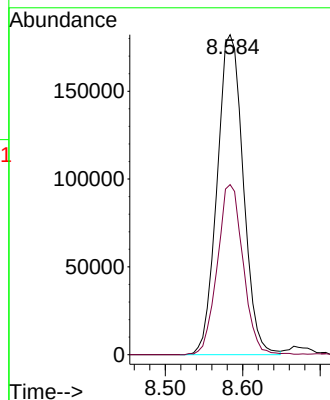
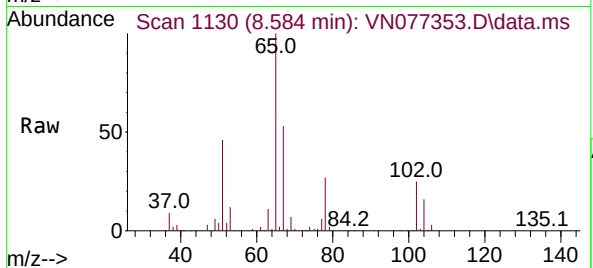
67 52.4 0.0 108.8

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: VN077353.D

Acq: 17 Apr 2023 12:59

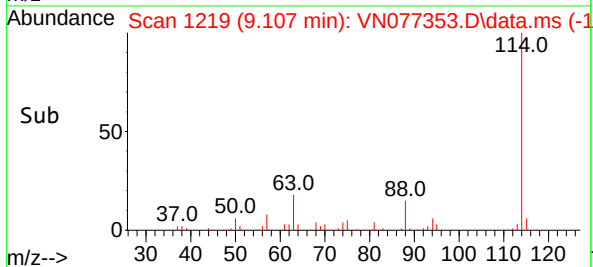
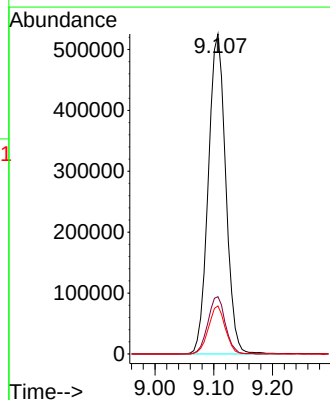
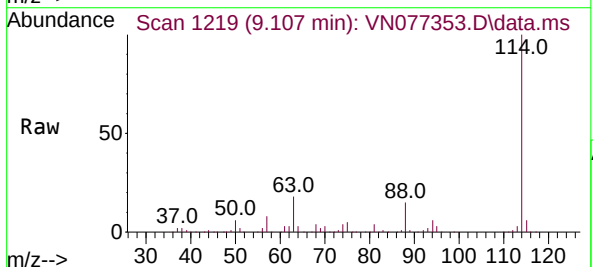
Tgt Ion:114 Resp: 1080561

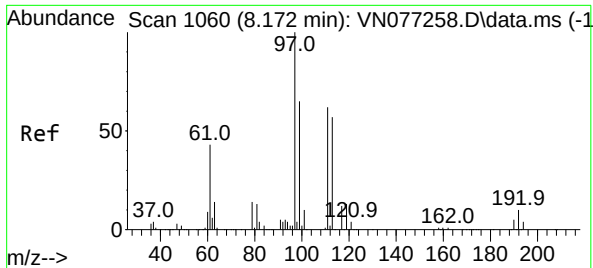
Ion Ratio Lower Upper

114 100

63 17.9 0.0 37.8

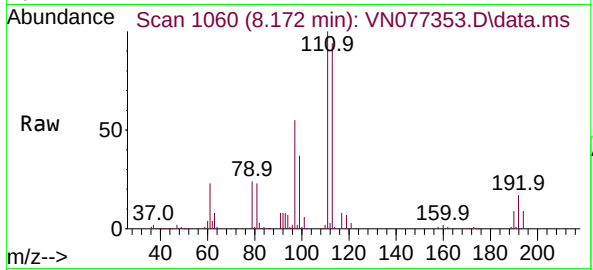
88 15.0 0.0 29.4





#35
Dibromofluoromethane
Concen: 55.357 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077353.D
Acq: 17 Apr 2023 12:59

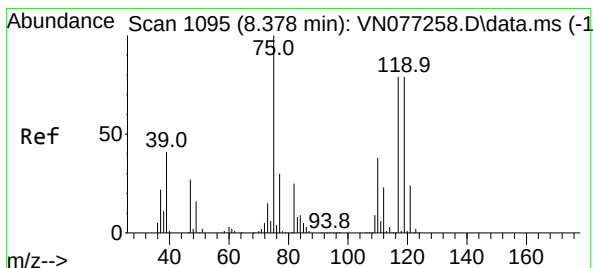
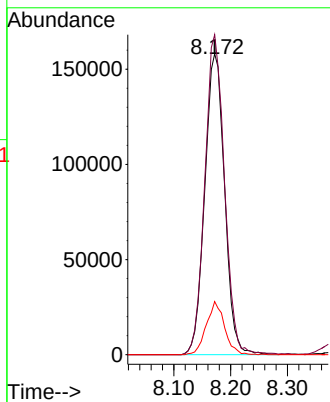
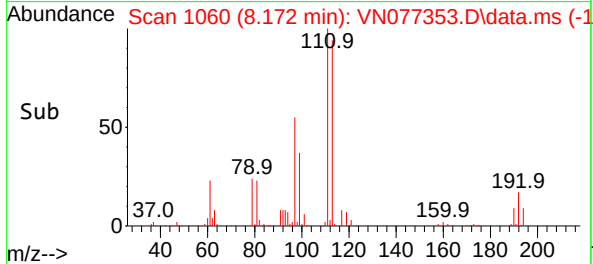
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBS01



Tgt Ion: 113 Resp: 38292
Ion Ratio Lower Upper
113 100
111 105.6 83.4 125.0
192 16.2 13.5 20.3

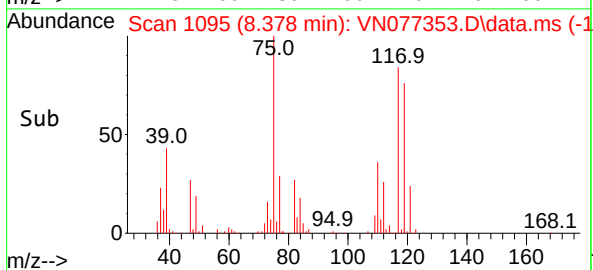
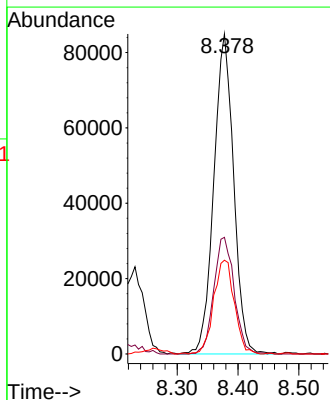
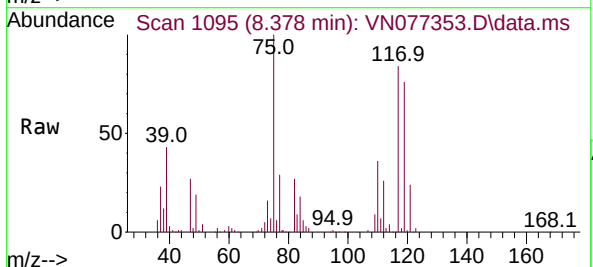
Manual Integrations
APPROVED

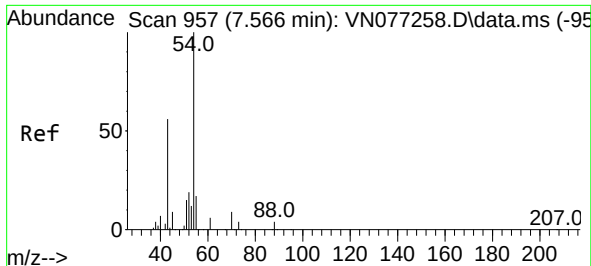
Reviewed By : John Carlone 04/18/2023
Supervised By : Mahesh Dadoda 04/18/2023



#36
1,1-Dichloropropene
Concen: 18.776 ug/l
RT: 8.378 min Scan# 1095
Delta R.T. -0.000 min
Lab File: VN077353.D
Acq: 17 Apr 2023 12:59

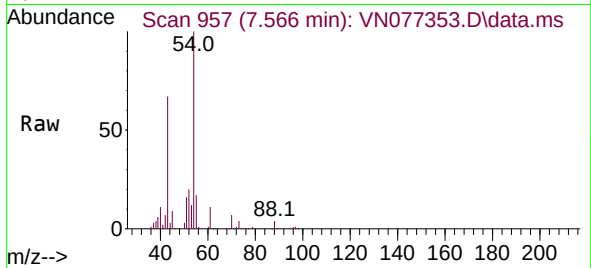
Tgt Ion: 75 Resp: 192097
Ion Ratio Lower Upper
75 100
110 37.5 17.8 53.5
77 30.5 25.0 37.4





#37
Ethyl Acetate
Concen: 16.060 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN077353.D
Acq: 17 Apr 2023 12:59

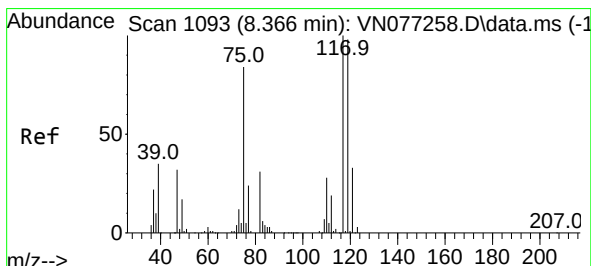
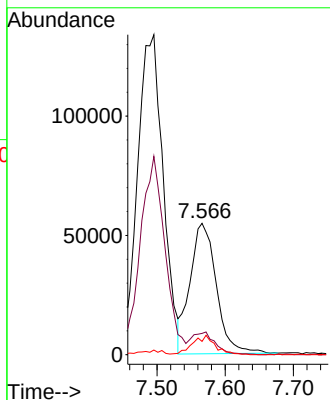
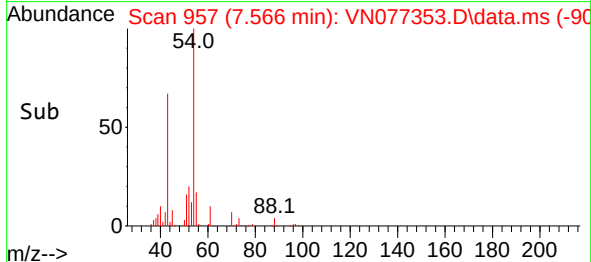
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBS01



Tgt Ion: 43 Resp: 147008
Ion Ratio Lower Upper
43 100
61 15.5 12.2 18.2
70 12.7 10.0 15.0

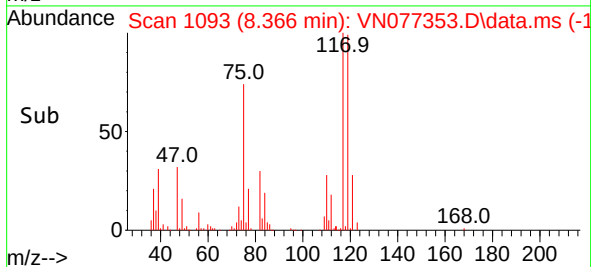
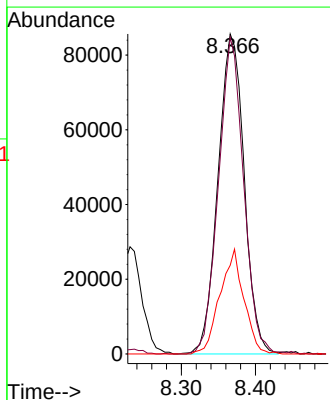
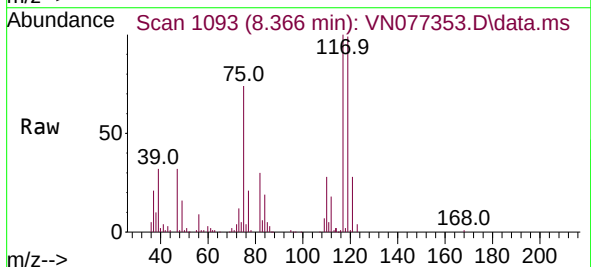
Manual Integrations
APPROVED

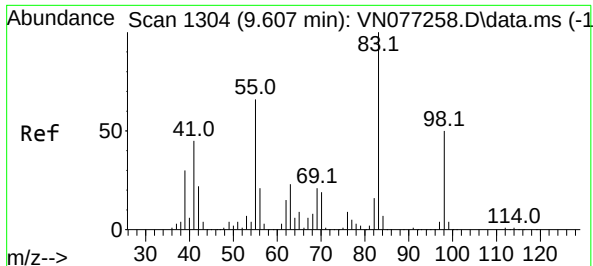
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#38
Carbon Tetrachloride
Concen: 20.008 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.000 min
Lab File: VN077353.D
Acq: 17 Apr 2023 12:59

Tgt Ion:117 Resp: 209719
Ion Ratio Lower Upper
117 100
119 98.8 78.5 117.7
121 27.7 26.6 40.0





#39

Methylcyclohexane

Concen: 18.532 ug/l

RT: 9.607 min Scan# 11304

Delta R.T. 0.000 min

Lab File: VN077353.D

Acq: 17 Apr 2023 12:59

Instrument :

MSVOA_N

ClientSampleId :

VN0417WBS01

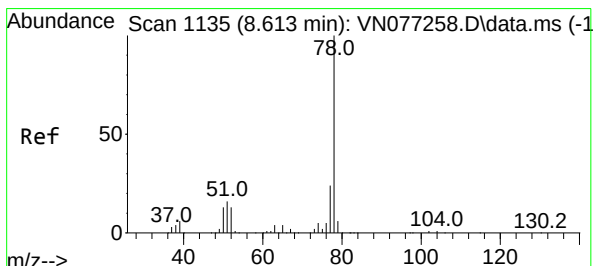
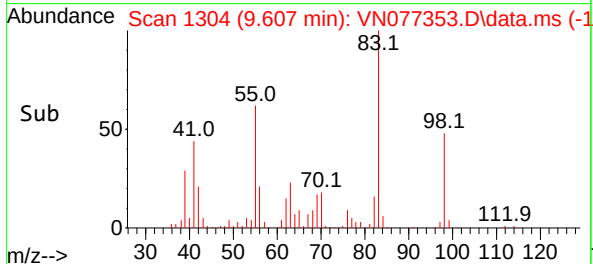
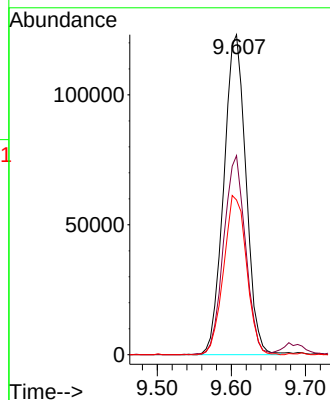
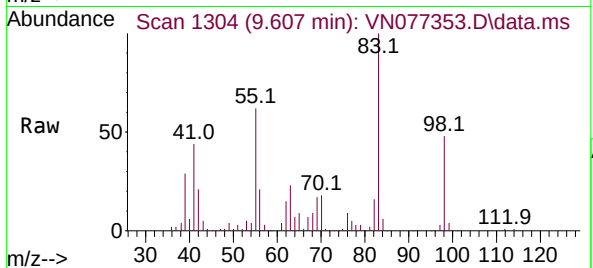
Tgt Ion:	83	Resp:	255662
Ion	Ratio	Lower	Upper
83	100		
55	62.2	52.4	78.6
98	48.4	39.8	59.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/18/2023

Supervised By :Mahesh Dadoda 04/18/2023



#40

Benzene

Concen: 18.351 ug/l

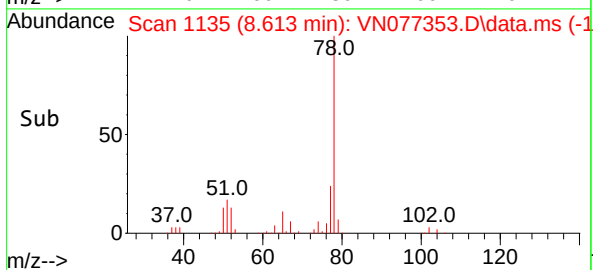
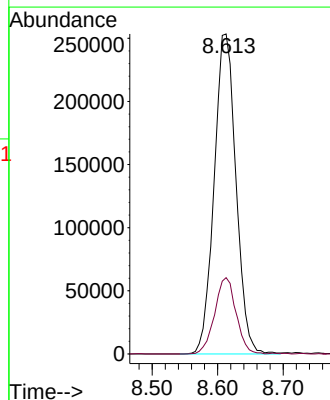
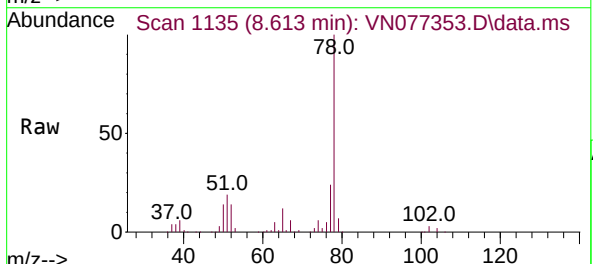
RT: 8.613 min Scan# 1135

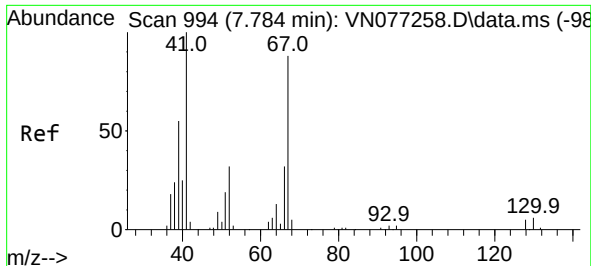
Delta R.T. -0.000 min

Lab File: VN077353.D

Acq: 17 Apr 2023 12:59

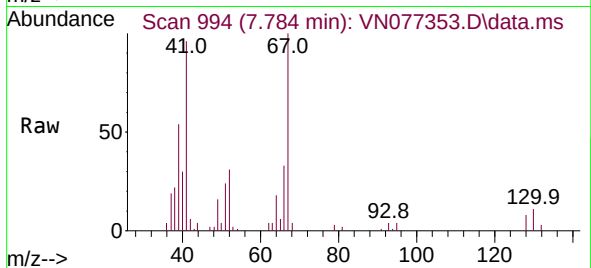
Tgt Ion:	78	Resp:	585602
Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.5	29.3





#41
Methacrylonitrile
Concen: 14.238 ug/l
RT: 7.784 min Scan# 994
Delta R.T. -0.000 min
Lab File: VN077353.D
Acq: 17 Apr 2023 12:59

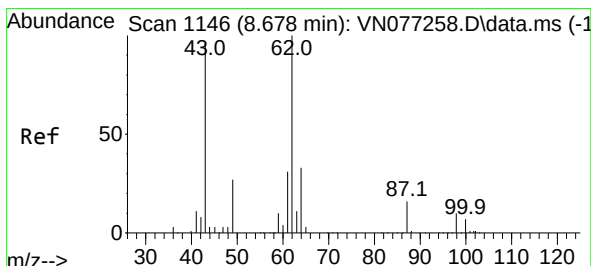
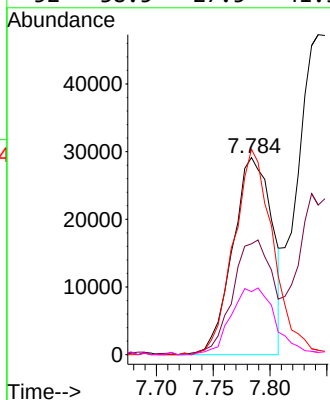
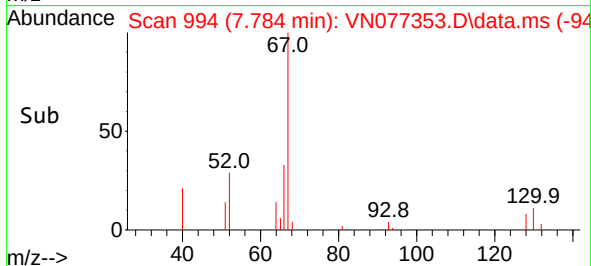
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBS01



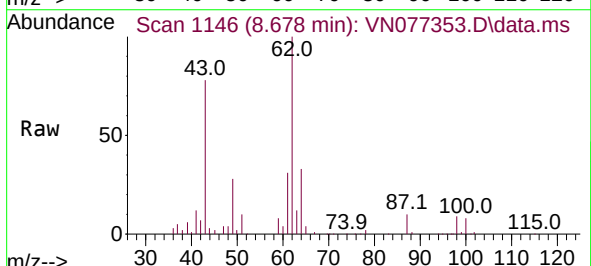
Tgt Ion: 41 Resp: 70054
Ion Ratio Lower Upper
41 100
39 58.7 44.1 66.1
67 105.6 71.4 107.2
52 38.5 27.5 41.3

Manual Integrations
APPROVED

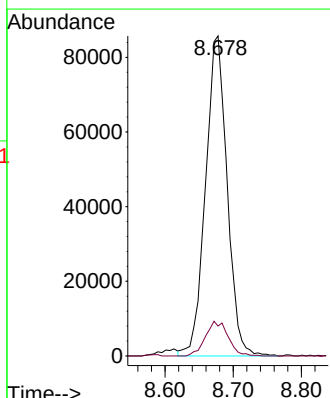
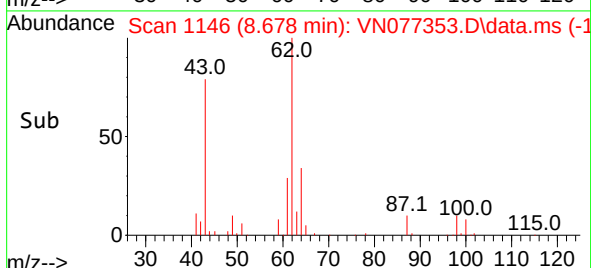
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023

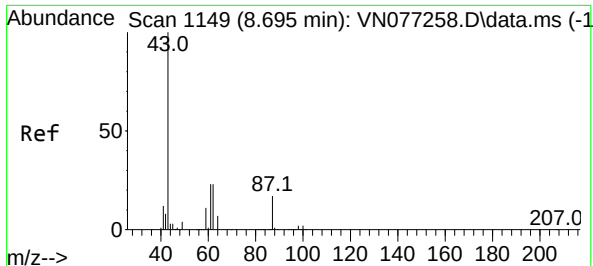


#42
1,2-Dichloroethane
Concen: 19.283 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN077353.D
Acq: 17 Apr 2023 12:59



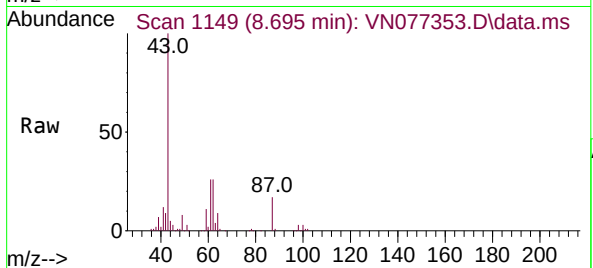
Tgt Ion: 62 Resp: 189388
Ion Ratio Lower Upper
62 100
98 11.4 0.0 20.2





#43
Isopropyl Acetate
Concen: 15.590 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077353.D
Acq: 17 Apr 2023 12:59

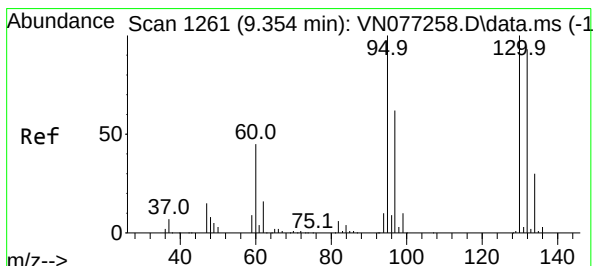
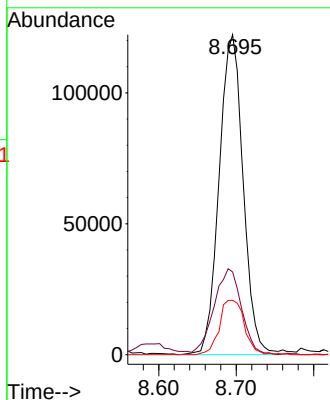
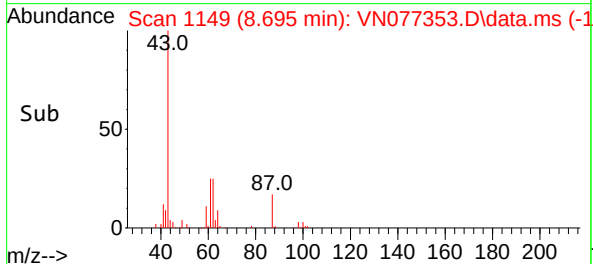
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBS01



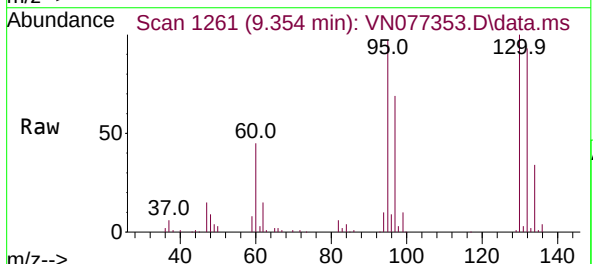
Tgt Ion: 43 Resp: 263329
Ion Ratio Lower Upper
43 100
61 30.8 22.7 34.1
87 17.8 13.6 20.4

Manual Integrations
APPROVED

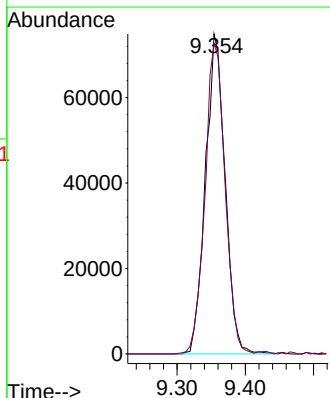
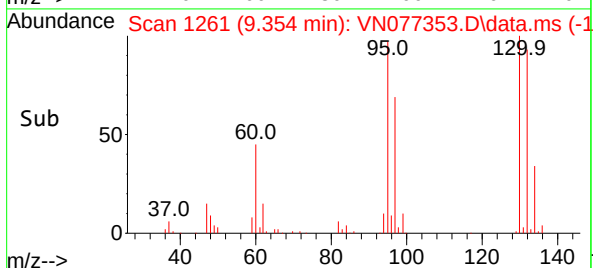
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023

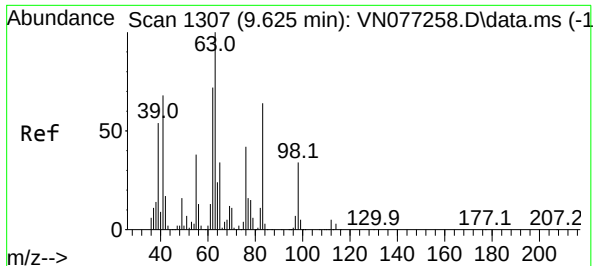


#44
Trichloroethene
Concen: 19.699 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VN077353.D
Acq: 17 Apr 2023 12:59



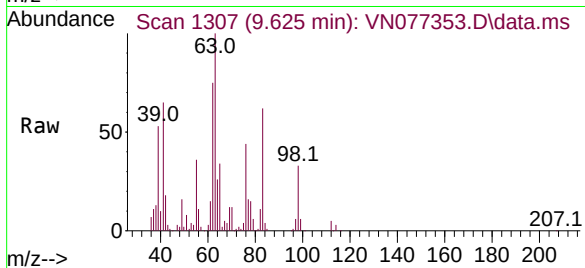
Tgt Ion:130 Resp: 150415
Ion Ratio Lower Upper
130 100
95 96.8 0.0 200.2





#45
1,2-Dichloropropane
Concen: 18.462 ug/l
RT: 9.625 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VN077353.D
Acq: 17 Apr 2023 12:59

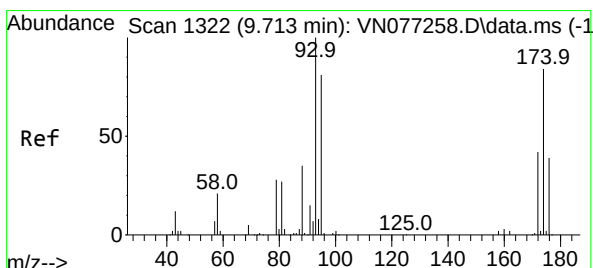
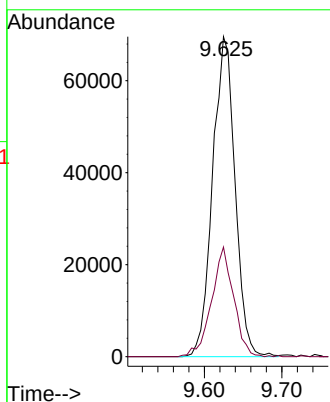
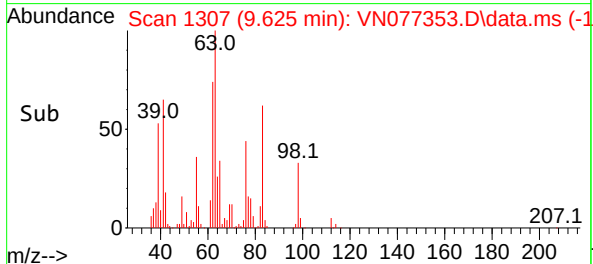
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBS01



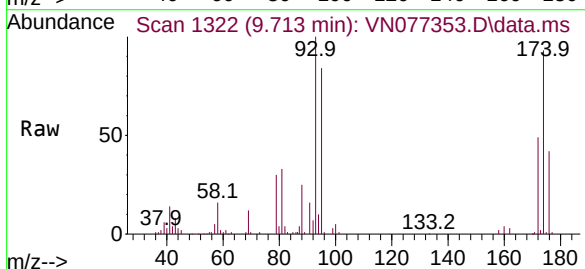
Tgt Ion: 63 Resp: 139919
Ion Ratio Lower Upper
63 100
65 34.2 27.1 40.7

Manual Integrations
APPROVED

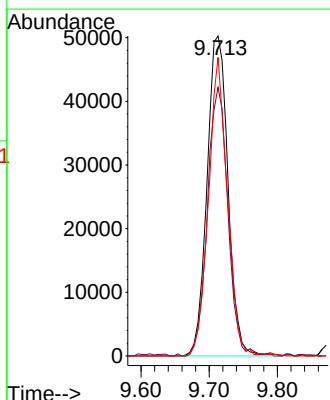
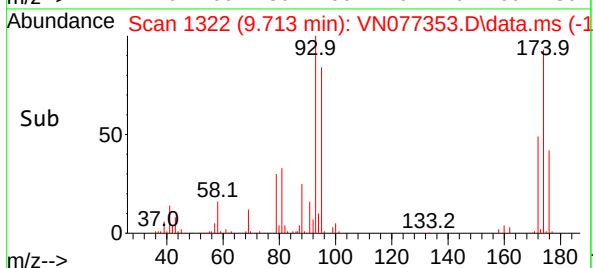
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023

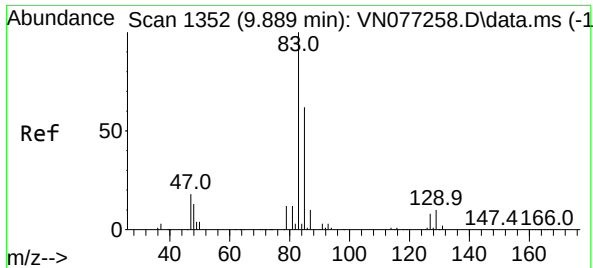


#46
Dibromomethane
Concen: 18.800 ug/l
RT: 9.713 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VN077353.D
Acq: 17 Apr 2023 12:59



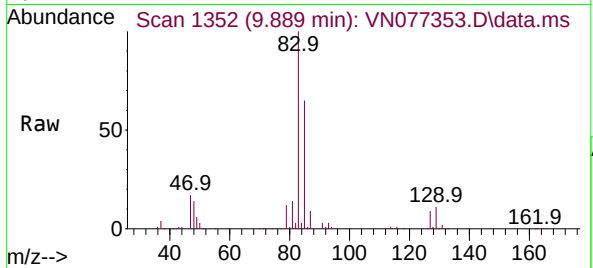
Tgt Ion: 93 Resp: 107348
Ion Ratio Lower Upper
93 100
95 82.0 65.8 98.6
174 84.3 66.0 99.0





#47
Bromodichloromethane
Concen: 18.838 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN077353.D
Acq: 17 Apr 2023 12:59

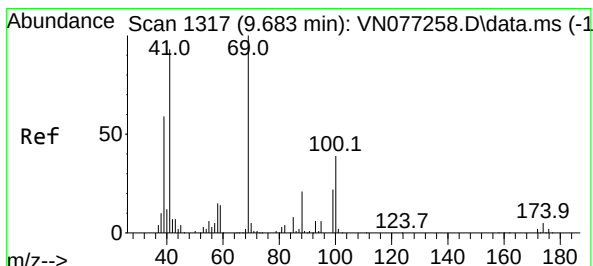
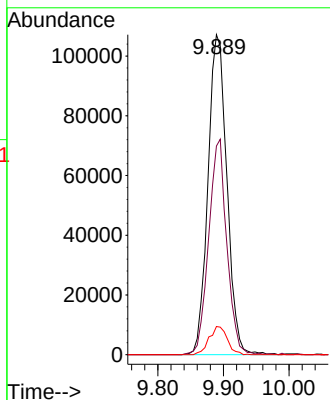
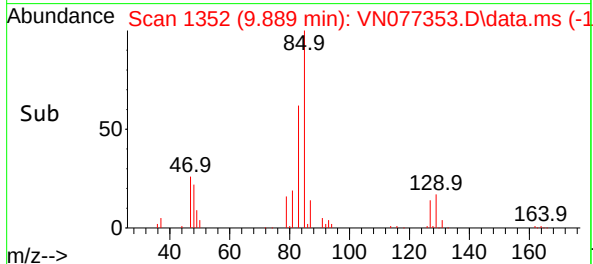
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBS01



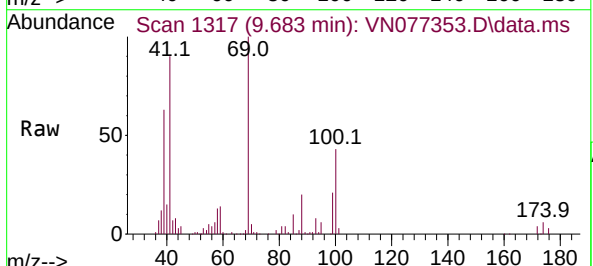
Tgt Ion: 83 Resp: 215004
Ion Ratio Lower Upper
83 100
85 65.2 49.8 74.8
127 8.8 6.2 9.2

Manual Integrations
APPROVED

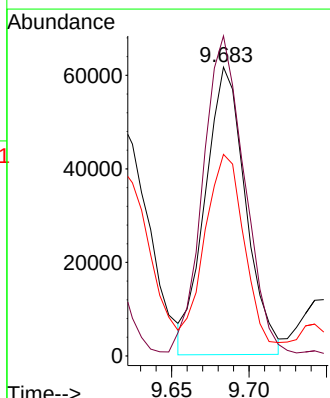
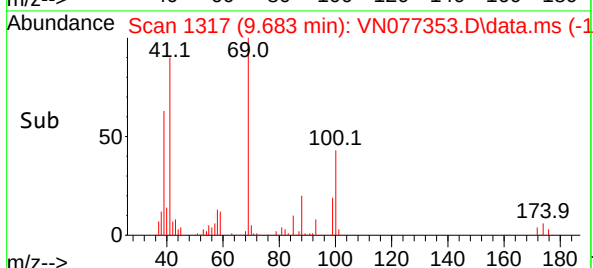
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023

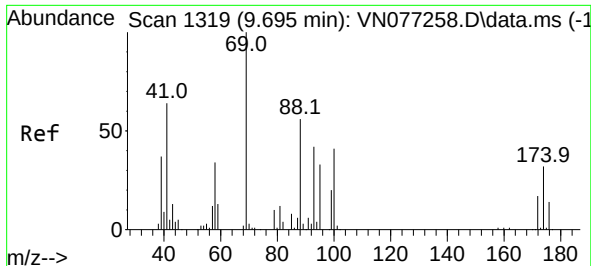


#48
Methyl methacrylate
Concen: 15.519 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN077353.D
Acq: 17 Apr 2023 12:59



Tgt Ion: 41 Resp: 111824
Ion Ratio Lower Upper
41 100
69 112.9 85.0 127.6
39 70.9 53.5 80.3





#49

1,4-Dioxane

Concen: 312.327 ug/l

RT: 9.701 min Scan# 1319

Delta R.T. 0.006 min

Lab File: VN077353.D

Acq: 17 Apr 2023 12:59

Instrument :

MSVOA_N

ClientSampleId :

VN0417WBS01

Tgt Ion: 88 Resp: 5456

Ion Ratio Lower Upper

88 100

43 17.1 17.0 25.6

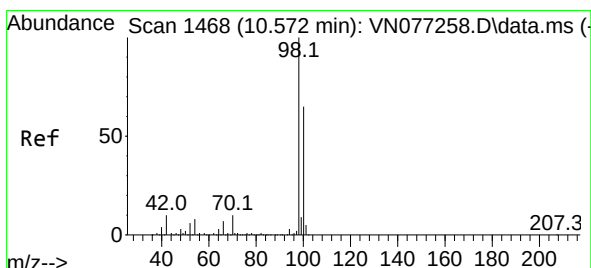
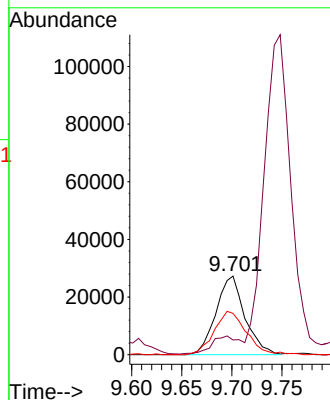
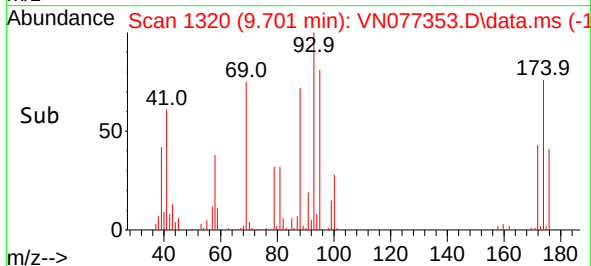
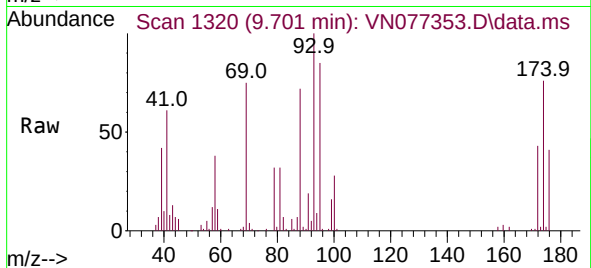
58 61.7 49.8 74.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/18/2023

Supervised By :Mahesh Dadoda 04/18/2023



#50

Toluene-d8

Concen: 55.769 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VN077353.D

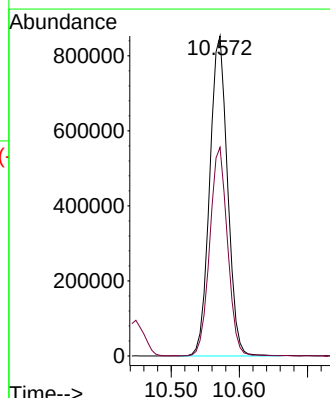
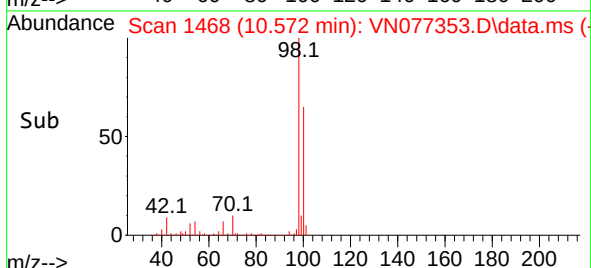
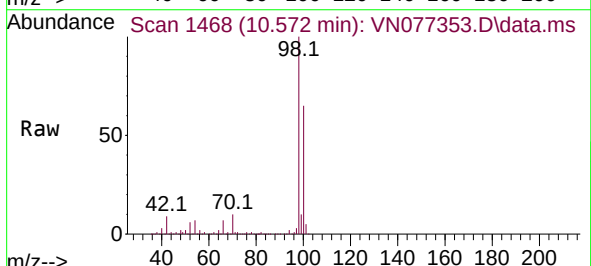
Acq: 17 Apr 2023 12:59

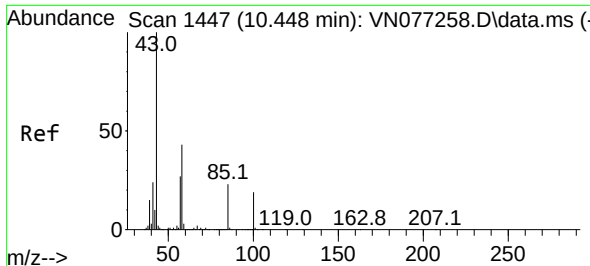
Tgt Ion: 98 Resp: 1553016

Ion Ratio Lower Upper

98 100

100 64.8 51.3 76.9





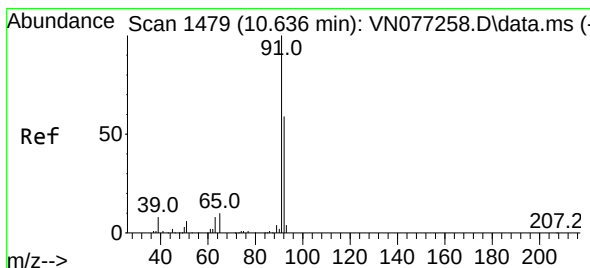
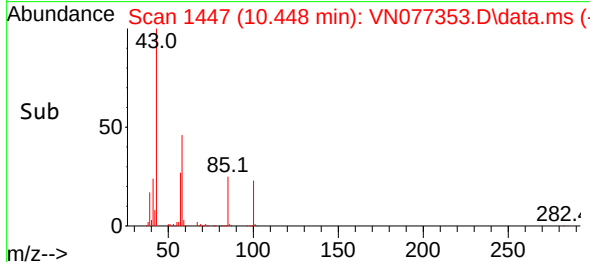
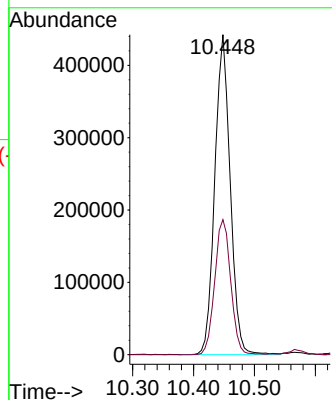
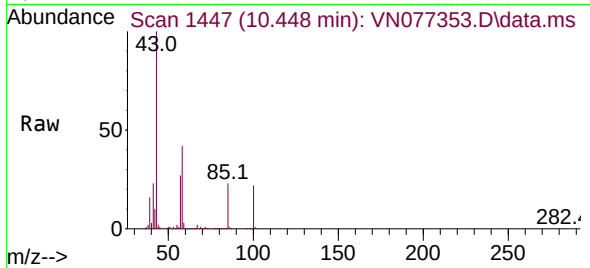
#51
4-Methyl-2-Pentanone
Concen: 79.733 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077353.D
Acq: 17 Apr 2023 12:59

Instrument :
MSVOA_N
ClientSampleId :
VN0417WBS01

Tgt Ion: 43 Resp: 778452
Ion Ratio Lower Upper
43 100
58 43.8 34.6 52.0

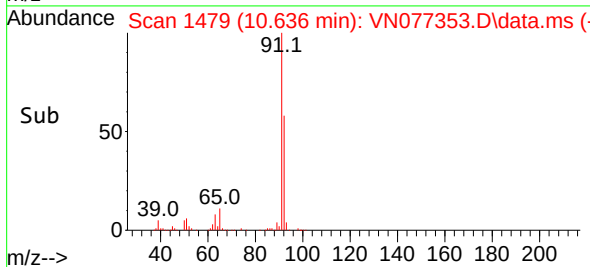
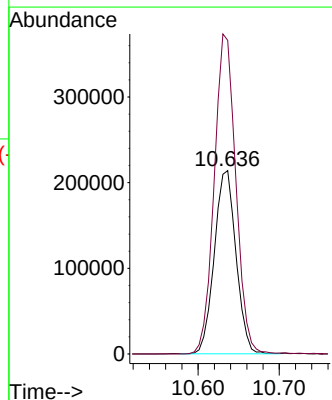
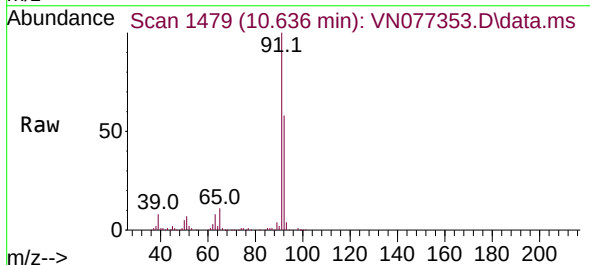
Manual Integrations
APPROVED

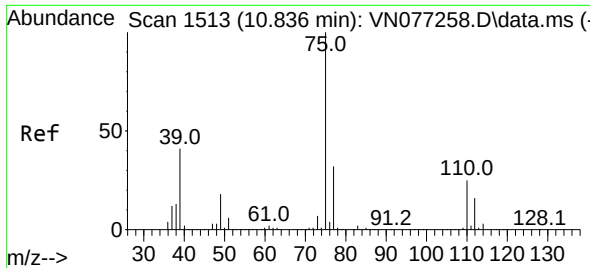
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#52
Toluene
Concen: 19.024 ug/l
RT: 10.636 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VN077353.D
Acq: 17 Apr 2023 12:59

Tgt Ion: 92 Resp: 397361
Ion Ratio Lower Upper
92 100
91 174.2 138.0 207.0





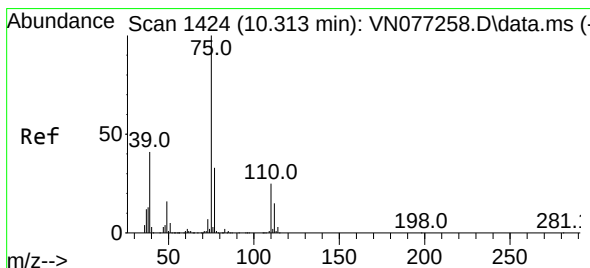
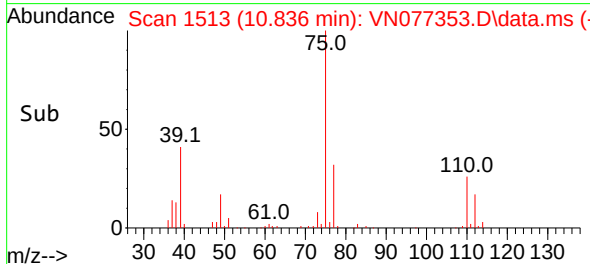
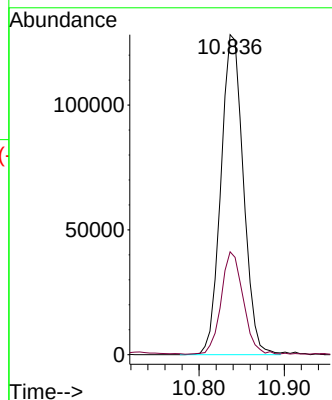
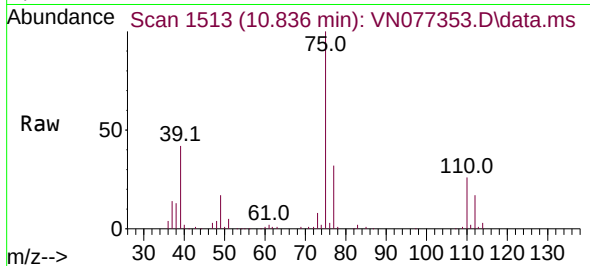
#53
t-1,3-Dichloropropene
Concen: 18.963 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN077353.D
Acq: 17 Apr 2023 12:59

Instrument :
MSVOA_N
ClientSampleId :
VN0417WBS01

Tgt Ion: 75 Resp: 23502
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.0

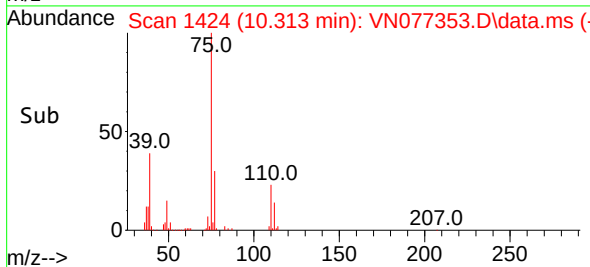
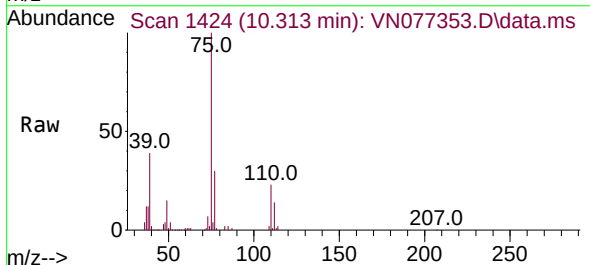
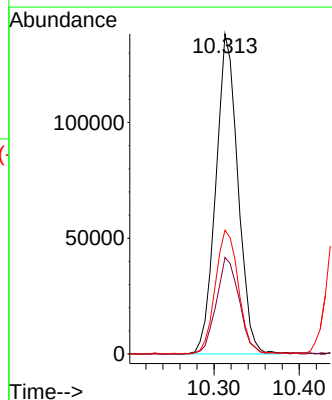
Manual Integrations
APPROVED

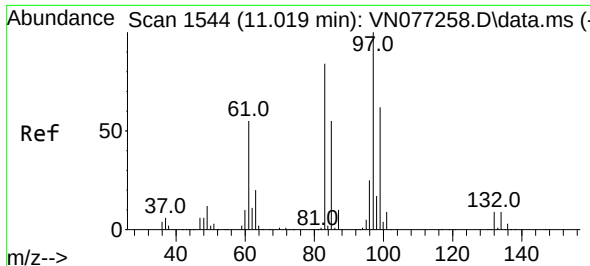
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#54
cis-1,3-Dichloropropene
Concen: 18.889 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VN077353.D
Acq: 17 Apr 2023 12:59

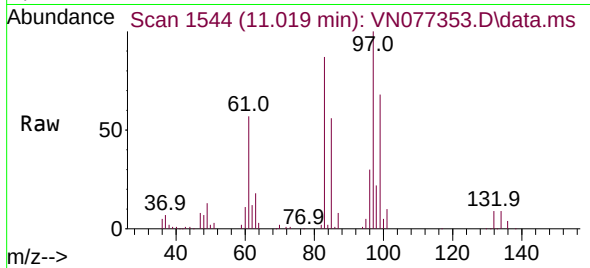
Tgt Ion: 75 Resp: 249362
Ion Ratio Lower Upper
75 100
77 30.1 26.7 40.1
39 38.6 32.8 49.2





#55
1,1,2-Trichloroethane
Concen: 18.667 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN077353.D
Acq: 17 Apr 2023 12:59

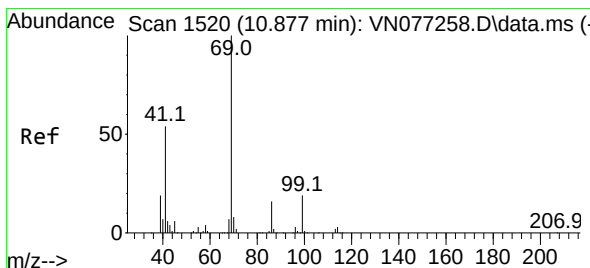
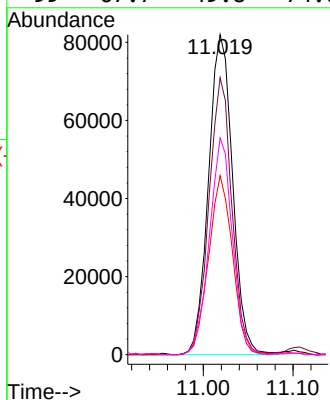
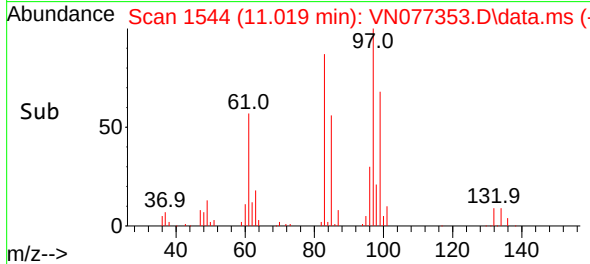
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBS01



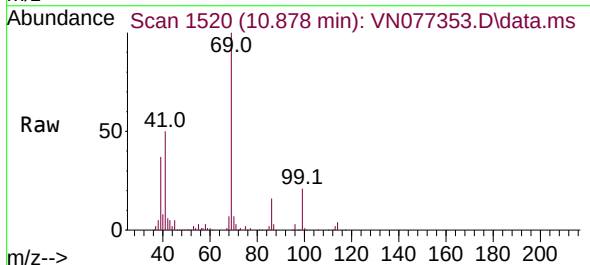
Tgt Ion:	97	Resp:	15305
Ion Ratio	100	Lower	Upper
83	86.6	67.4	101.2
85	55.9	44.1	66.1
99	67.7	49.8	74.6

Manual Integrations
APPROVED

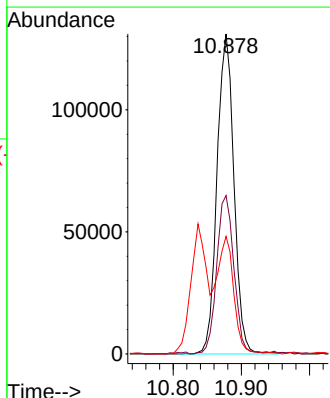
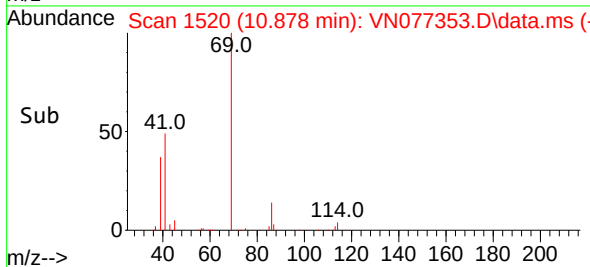
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023

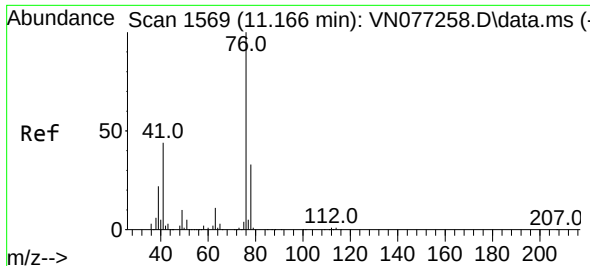


#56
Ethyl methacrylate
Concen: 17.701 ug/l
RT: 10.878 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VN077353.D
Acq: 17 Apr 2023 12:59



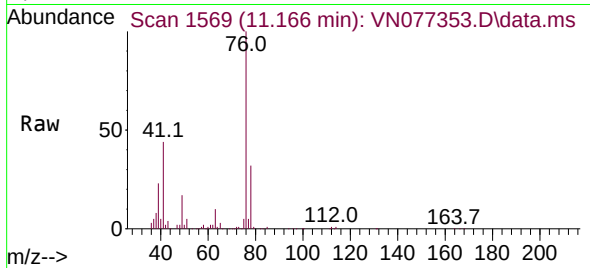
Tgt Ion:	69	Resp:	226061
Ion Ratio	100	Lower	Upper
41	50.6	42.8	64.2
39	32.2	27.0	40.4





#57
1,3-Dichloropropane
Concen: 18.819 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN077353.D
Acq: 17 Apr 2023 12:59

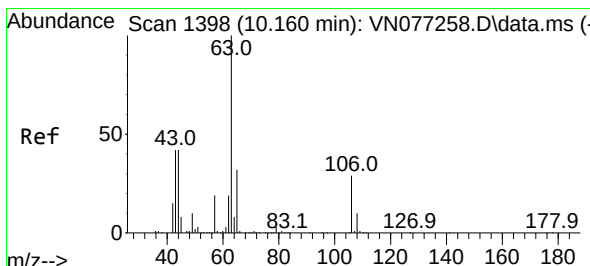
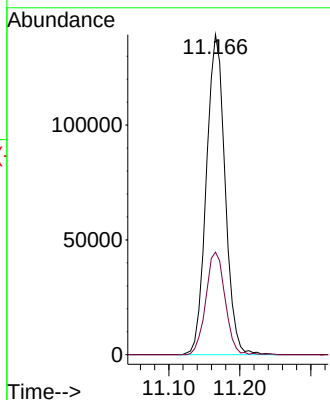
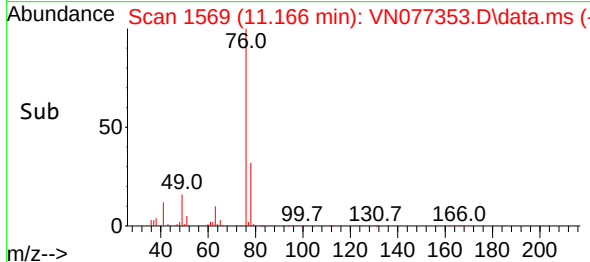
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBS01



Tgt Ion: 76 Resp: 25492
Ion Ratio Lower Upper
76 100
78 33.1 26.2 39.4

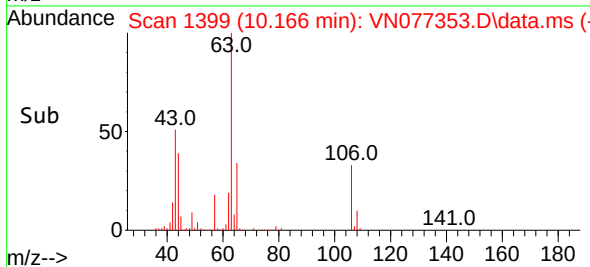
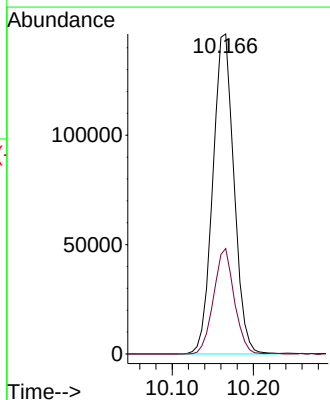
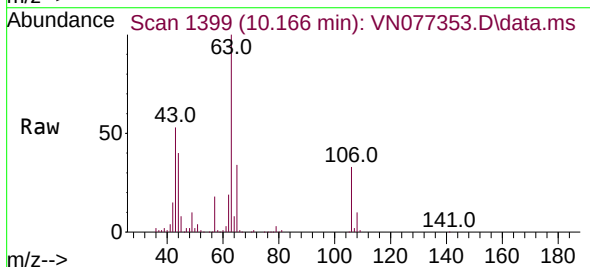
Manual Integrations
APPROVED

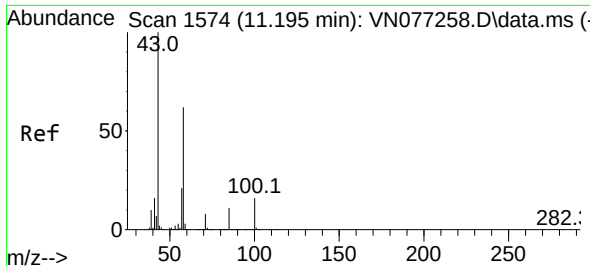
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#58
2-Chloroethyl Vinyl ether
Concen: 69.750 ug/l
RT: 10.166 min Scan# 1399
Delta R.T. 0.006 min
Lab File: VN077353.D
Acq: 17 Apr 2023 12:59

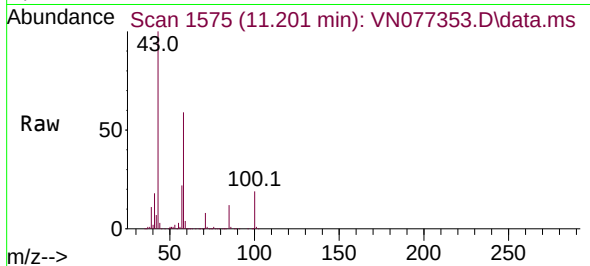
Tgt Ion: 63 Resp: 265167
Ion Ratio Lower Upper
63 100
106 32.2 24.1 36.1





#59
2-Hexanone
Concen: 80.372 ug/l
RT: 11.201 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077353.D
Acq: 17 Apr 2023 12:59

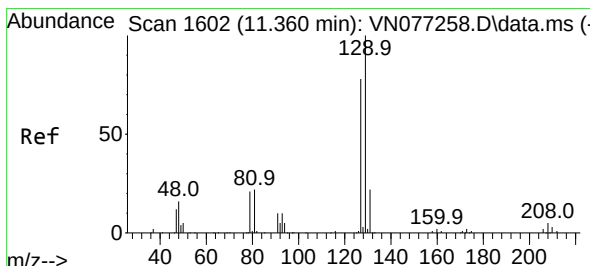
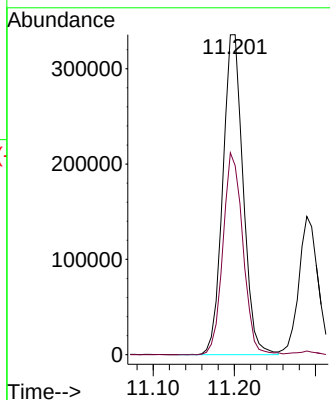
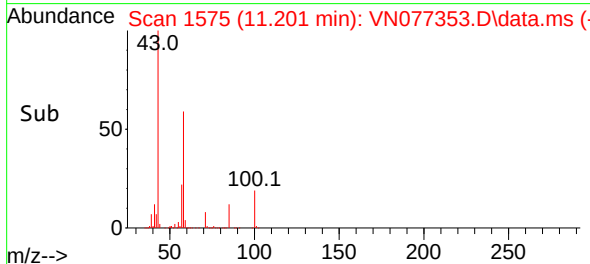
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBS01



Tgt Ion: 43 Resp: 58459
Ion Ratio Lower Upper
43 100
58 61.9 30.9 92.5

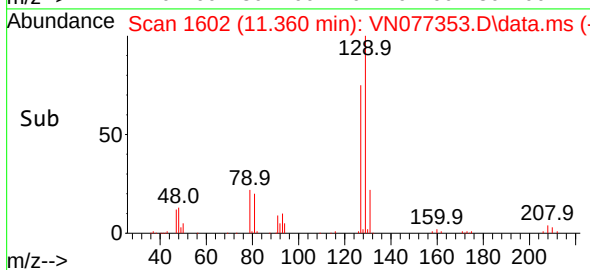
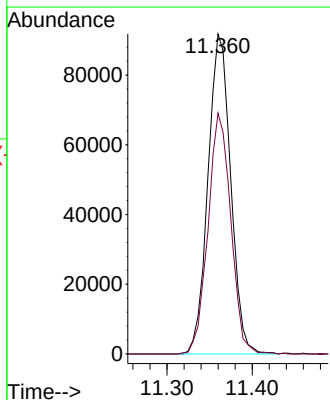
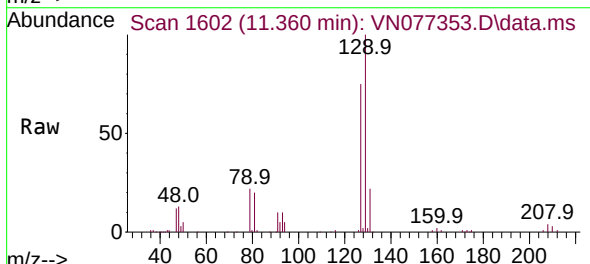
Manual Integrations
APPROVED

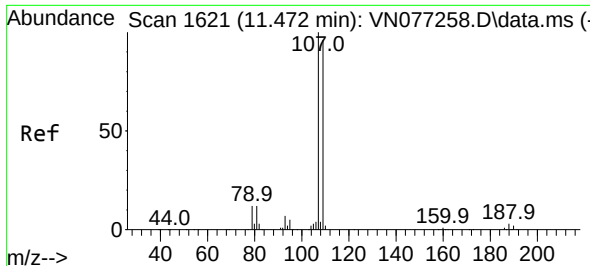
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#60
Dibromochloromethane
Concen: 20.132 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077353.D
Acq: 17 Apr 2023 12:59

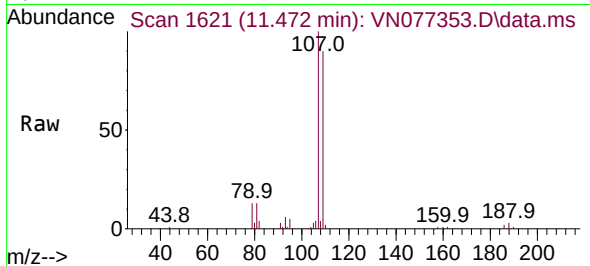
Tgt Ion:129 Resp: 170010
Ion Ratio Lower Upper
129 100
127 75.6 38.1 114.5





#61
1,2-Dibromoethane
Concen: 19.213 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN077353.D
Acq: 17 Apr 2023 12:59

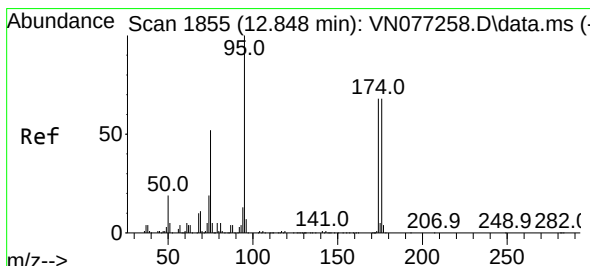
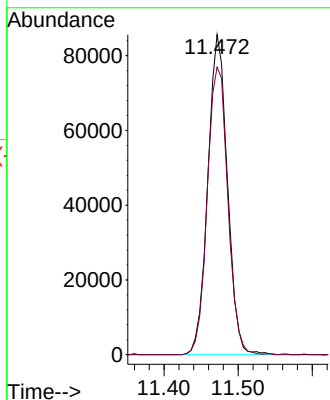
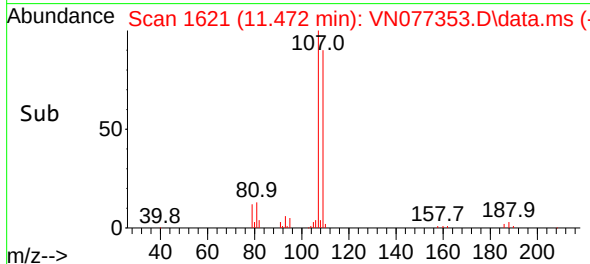
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBS01



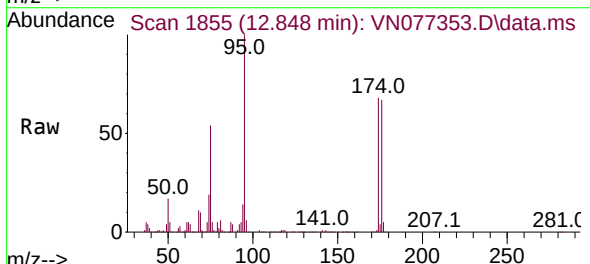
Tgt Ion: 107 Resp: 15723
Ion Ratio Lower Upper
107 100
109 94.2 75.2 112.8

Manual Integrations
APPROVED

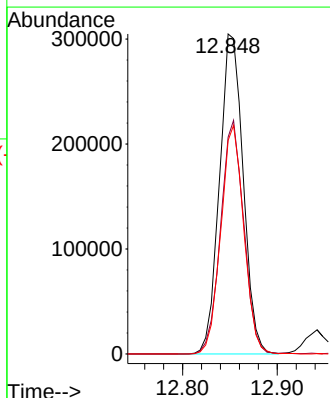
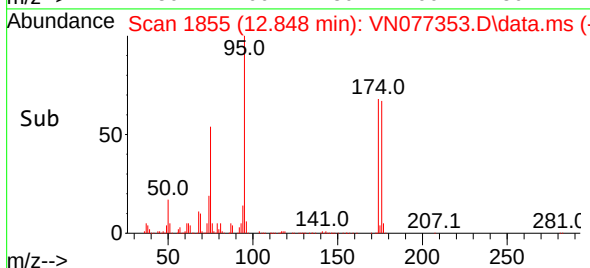
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023

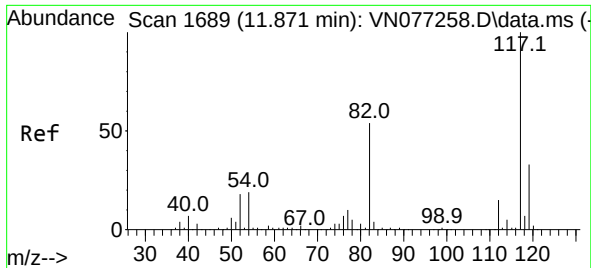


#62
4-Bromofluorobenzene
Concen: 57.031 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN077353.D
Acq: 17 Apr 2023 12:59



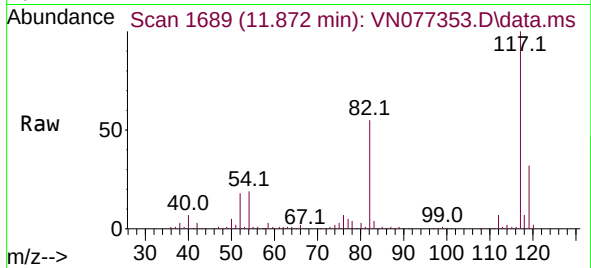
Tgt Ion: 95 Resp: 528196
Ion Ratio Lower Upper
95 100
174 71.4 0.0 146.8
176 69.3 0.0 139.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.872 min Scan# 1689
Delta R.T. 0.001 min
Lab File: VN077353.D
Acq: 17 Apr 2023 12:59

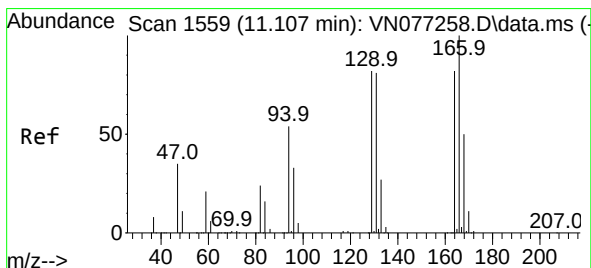
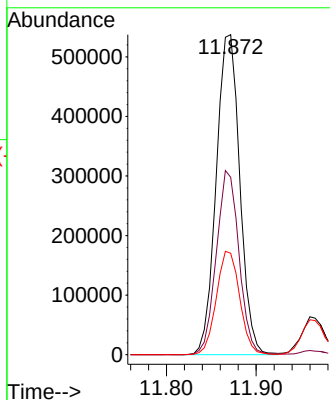
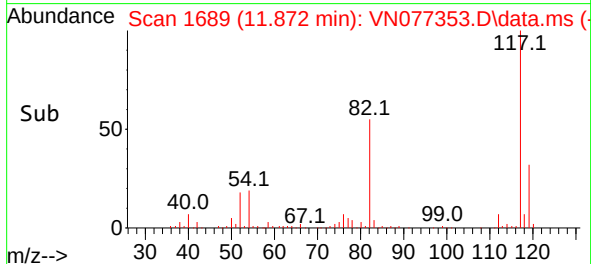
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBS01



Tgt Ion:117 Resp: 98284
Ion Ratio Lower Upper
117 100
82 55.5 42.9 64.3
119 31.7 26.2 39.4

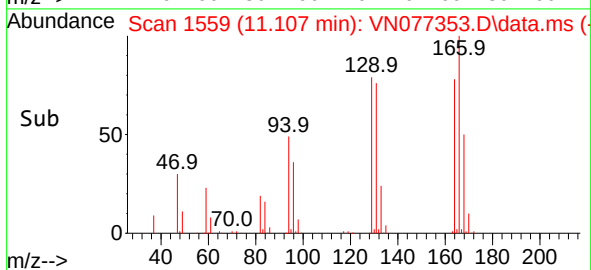
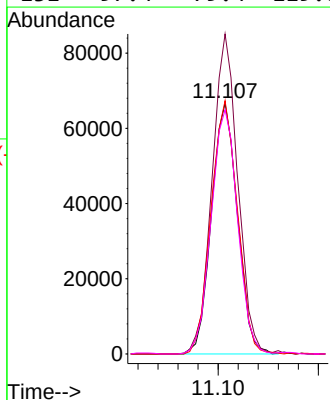
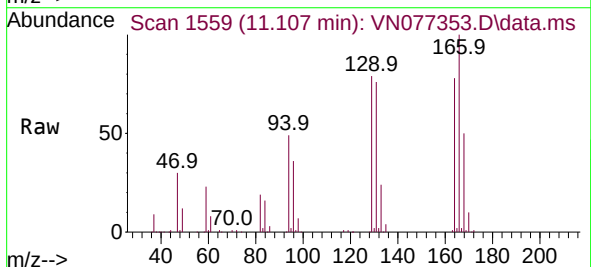
Manual Integrations
APPROVED

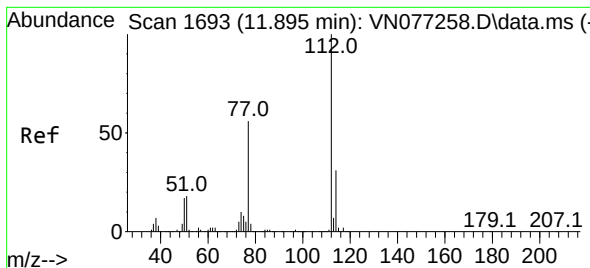
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#64
Tetrachloroethene
Concen: 19.743 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077353.D
Acq: 17 Apr 2023 12:59

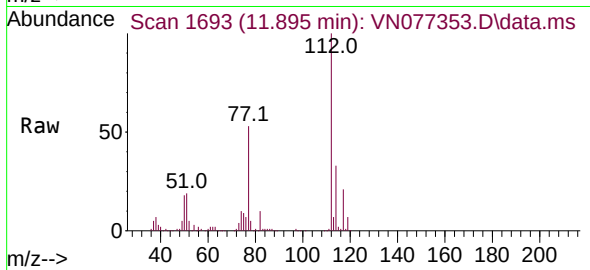
Tgt Ion:164 Resp: 119870
Ion Ratio Lower Upper
164 100
166 127.6 97.8 146.6
129 101.0 80.1 120.1
131 97.4 79.4 119.0





#65
Chlorobenzene
Concen: 19.572 ug/l
RT: 11.895 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077353.D
Acq: 17 Apr 2023 12:59

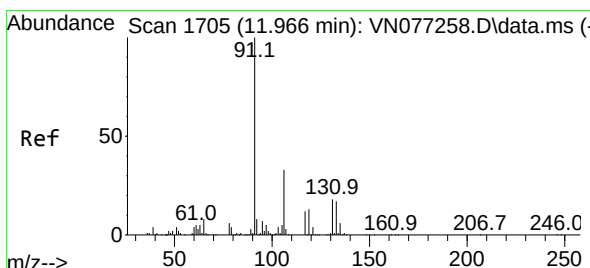
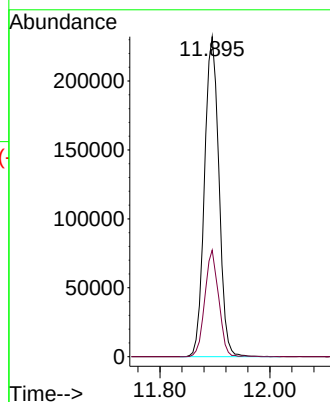
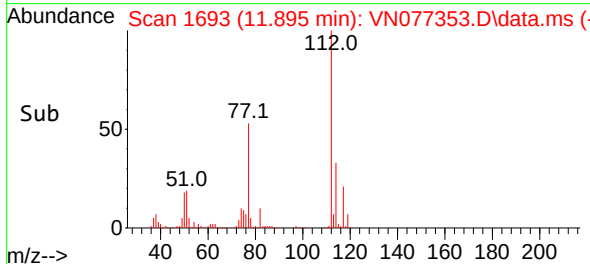
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBS01



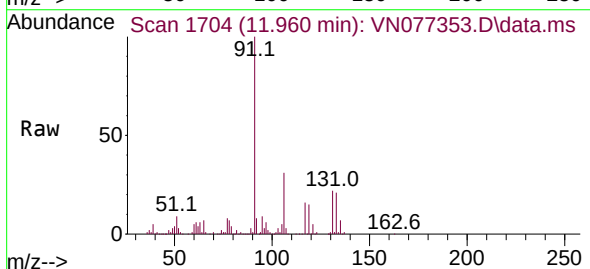
Tgt Ion:112 Resp: 423504
Ion Ratio Lower Upper
112 100
114 33.3 24.6 36.8

Manual Integrations
APPROVED

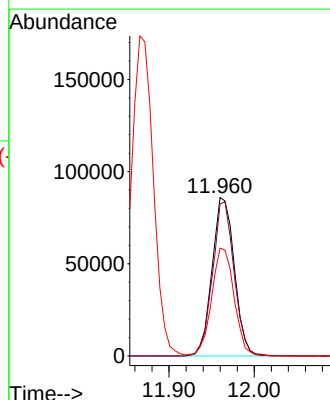
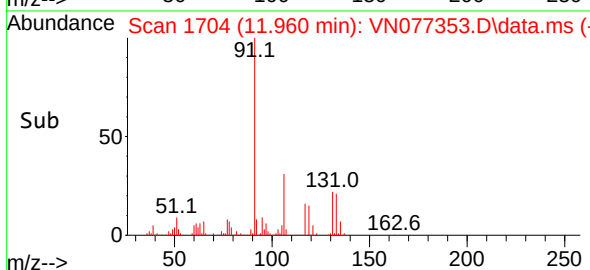
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023

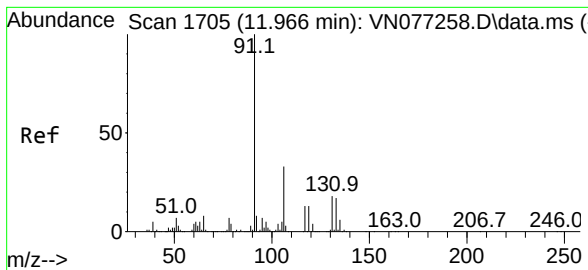


#66
1,1,1,2-Tetrachloroethane
Concen: 19.065 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.006 min
Lab File: VN077353.D
Acq: 17 Apr 2023 12:59



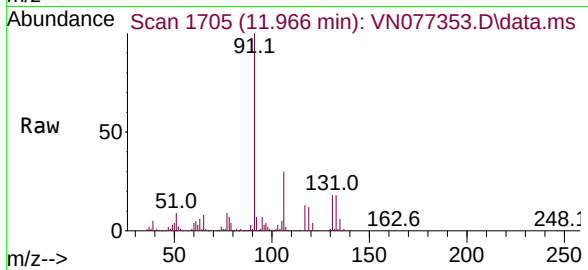
Tgt Ion:131 Resp: 156090
Ion Ratio Lower Upper
131 100
133 94.2 46.9 140.6
119 68.5 34.0 102.0





#67
Ethyl Benzene
Concen: 19.363 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077353.D
Acq: 17 Apr 2023 12:59

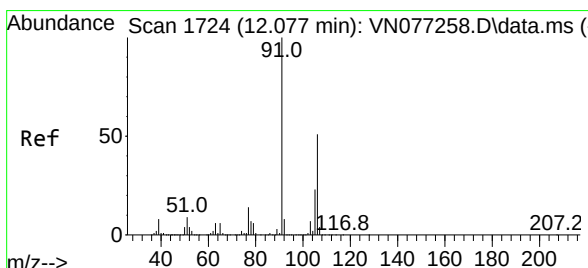
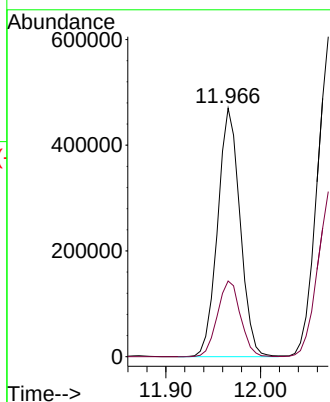
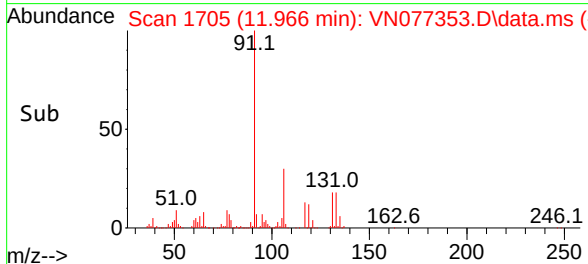
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBS01



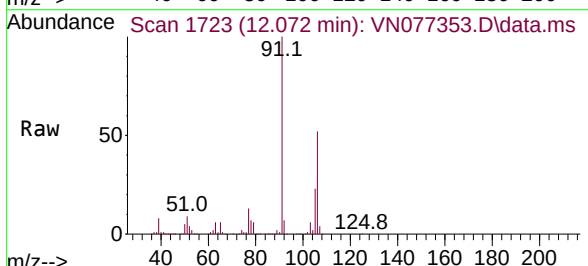
Tgt Ion: 91 Resp: 773162
Ion Ratio Lower Upper
91 100
106 30.5 26.2 39.2

Manual Integrations
APPROVED

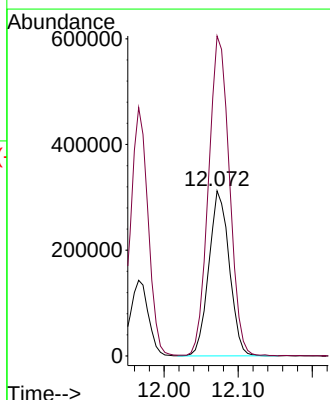
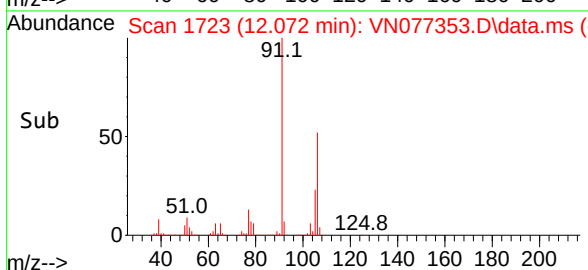
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023

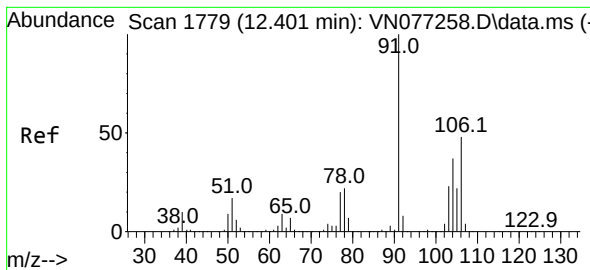


#68
m/p-Xylenes
Concen: 38.115 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. -0.005 min
Lab File: VN077353.D
Acq: 17 Apr 2023 12:59



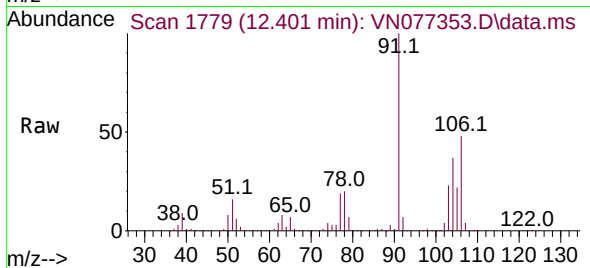
Tgt Ion:106 Resp: 597991
Ion Ratio Lower Upper
106 100
91 198.3 158.7 238.1





#69
o-Xylene
Concen: 19.199 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077353.D
Acq: 17 Apr 2023 12:59

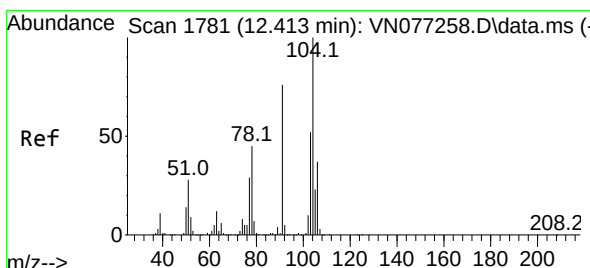
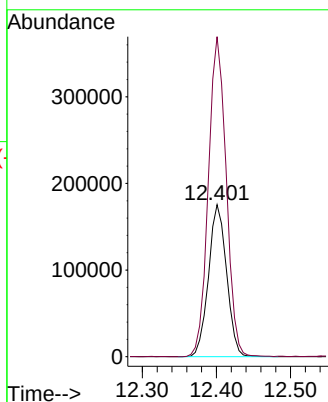
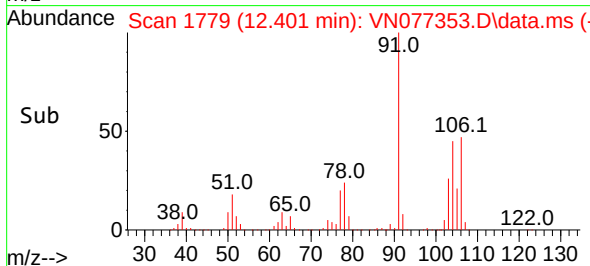
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBS01



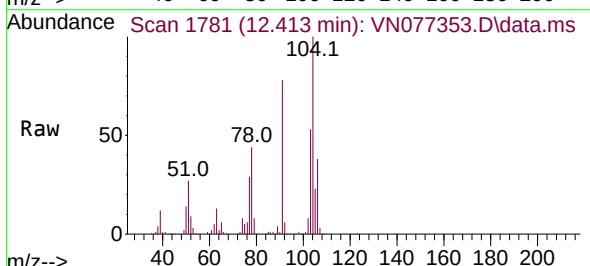
Tgt Ion:106 Resp: 297158
Ion Ratio Lower Upper
106 100
91 208.3 104.0 312.0

Manual Integrations
APPROVED

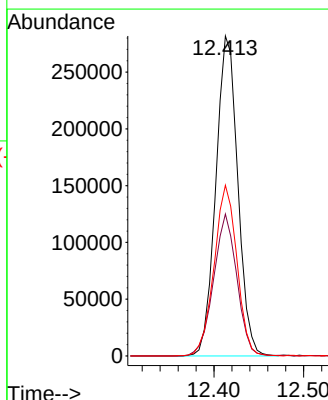
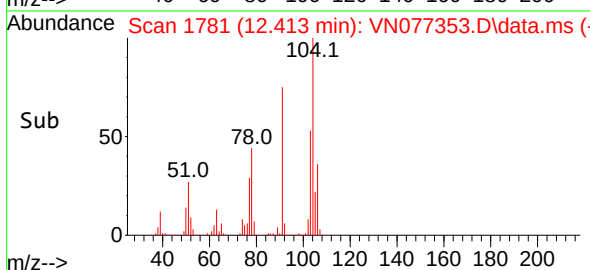
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023

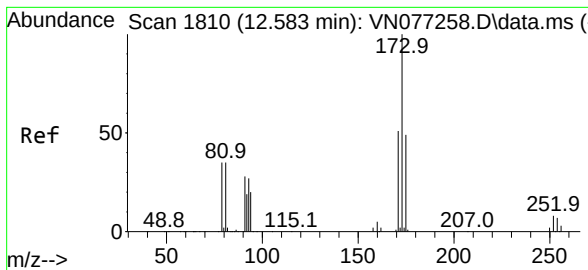


#70
Styrene
Concen: 19.234 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN077353.D
Acq: 17 Apr 2023 12:59



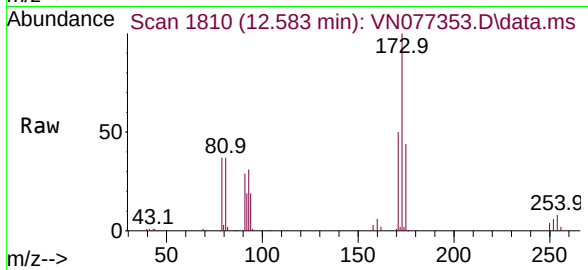
Tgt Ion:104 Resp: 479069
Ion Ratio Lower Upper
104 100
78 46.9 38.0 57.0
103 55.5 43.1 64.7





#71
Bromoform
Concen: 18.583 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN077353.D
Acq: 17 Apr 2023 12:59

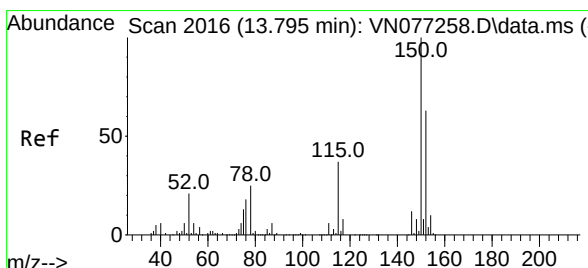
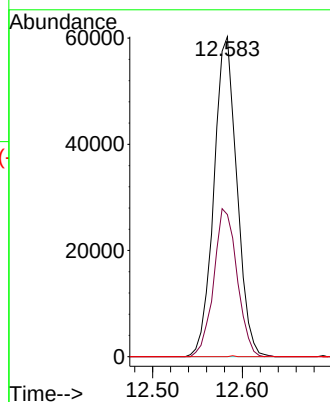
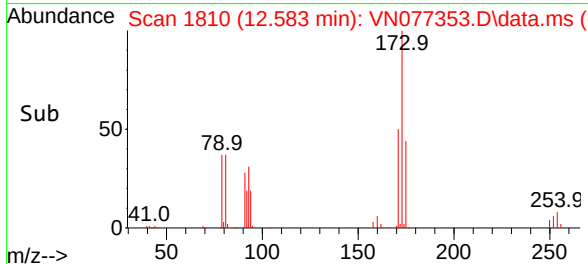
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBS01



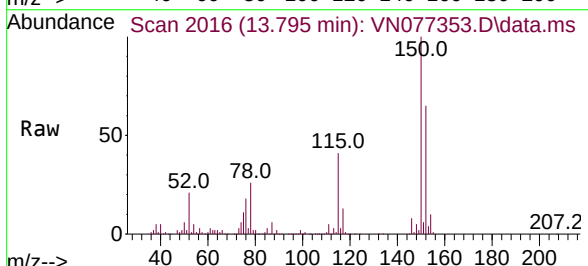
Tgt Ion:173 Resp: 107100
Ion Ratio Lower Upper
173 100
175 47.1 24.1 72.4
254 0.1 0.1 0.1

Manual Integrations
APPROVED

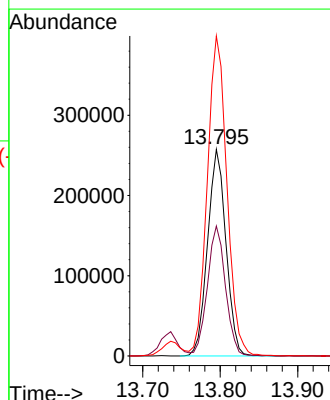
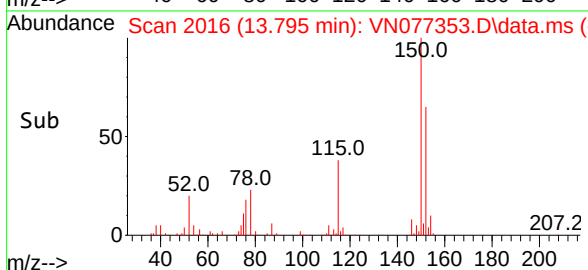
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023

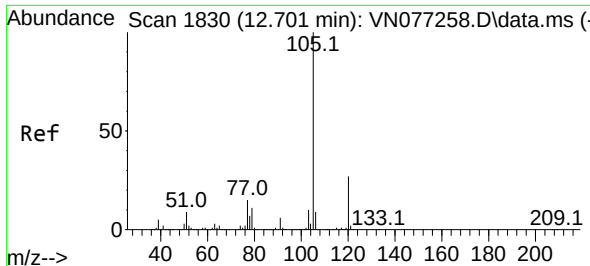


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077353.D
Acq: 17 Apr 2023 12:59



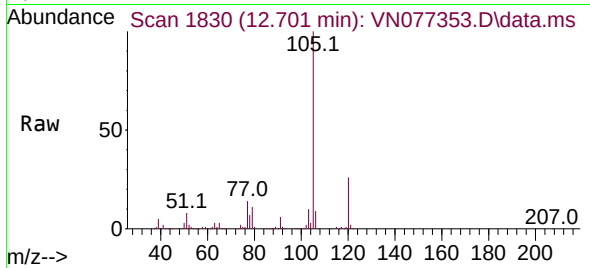
Tgt Ion:152 Resp: 424854
Ion Ratio Lower Upper
152 100
115 62.1 32.1 96.3
150 164.6 0.0 354.8





#73
Isopropylbenzene
Concen: 18.701 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN077353.D
Acq: 17 Apr 2023 12:59

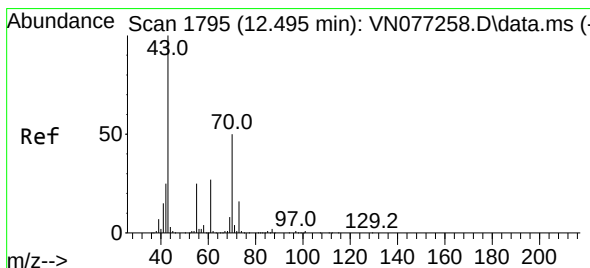
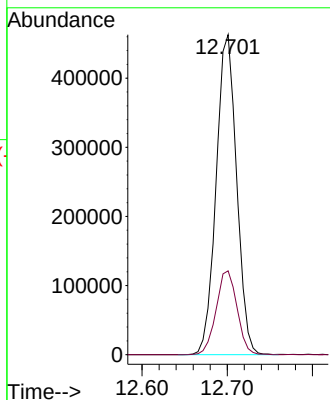
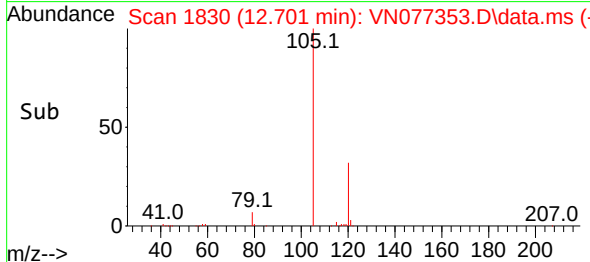
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBS01



Tgt Ion:105 Resp: 771733
Ion Ratio Lower Upper
105 100
120 26.8 13.2 39.6

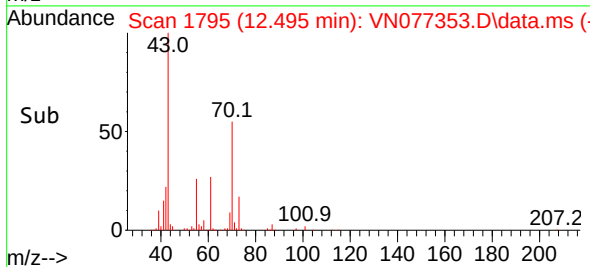
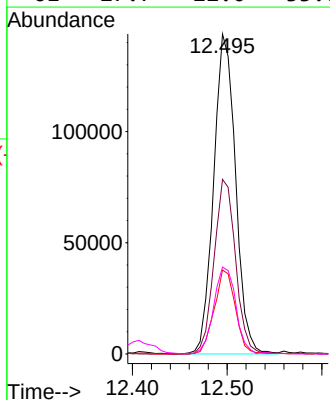
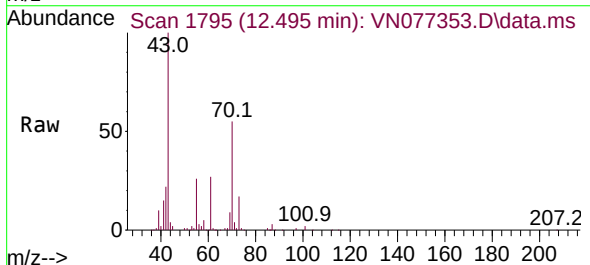
Manual Integrations
APPROVED

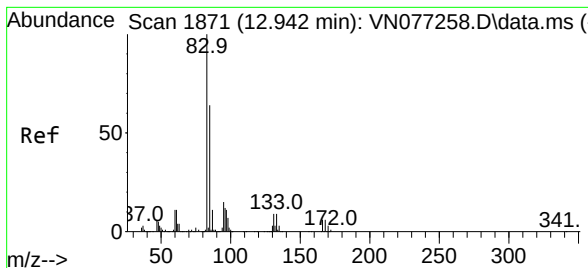
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#74
N-ethyl acetate
Concen: 14.782 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VN077353.D
Acq: 17 Apr 2023 12:59

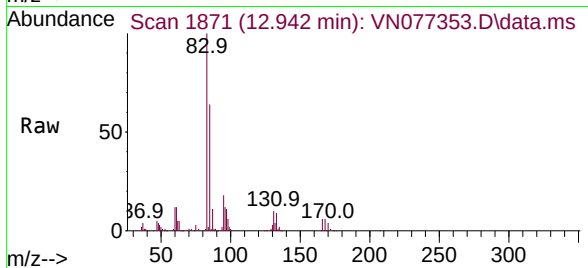
Tgt Ion: 43 Resp: 231162
Ion Ratio Lower Upper
43 100
70 53.6 41.0 61.6
55 25.5 19.3 28.9
61 27.7 22.0 33.0





#75
1,1,2,2-Tetrachloroethane
Concen: 17.515 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN077353.D
Acq: 17 Apr 2023 12:59

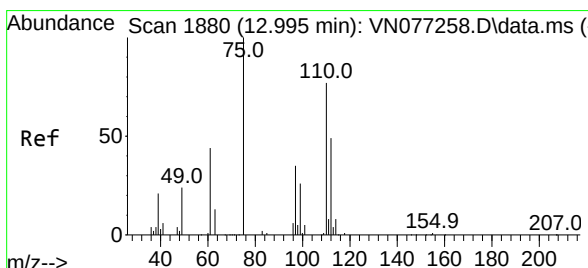
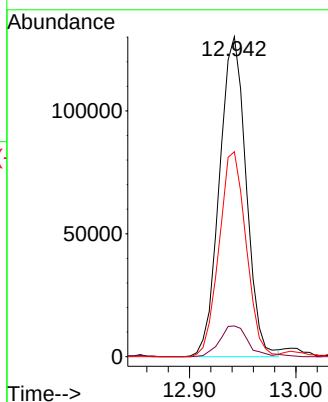
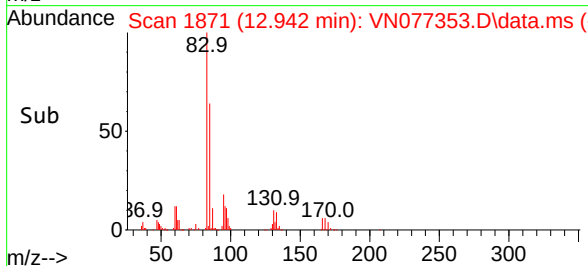
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBS01



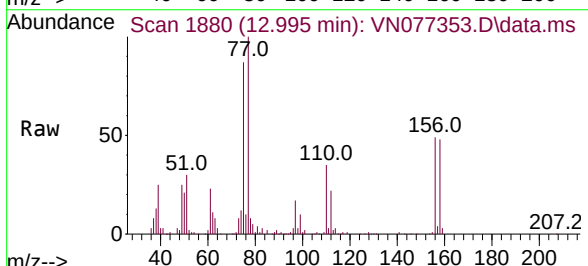
Tgt Ion: 83 Resp: 22681
Ion Ratio Lower Upper
83 100
131 10.4 4.9 14.6
85 64.8 32.1 96.3

Manual Integrations
APPROVED

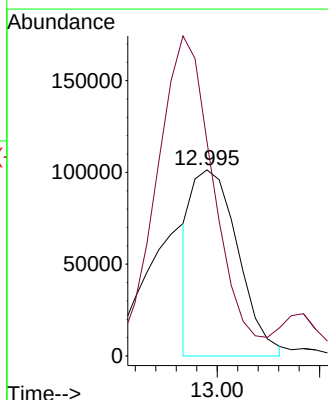
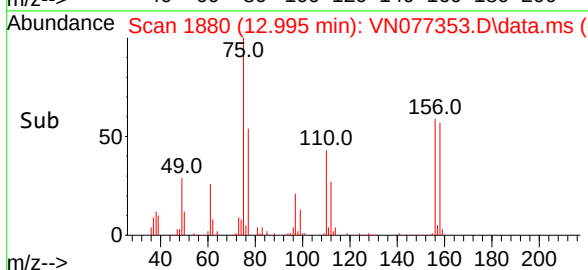
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023

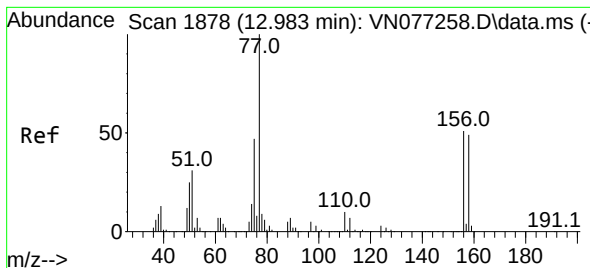


#76
1,2,3-Trichloropropane
Concen: 15.680 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN077353.D
Acq: 17 Apr 2023 12:59



Tgt Ion: 75 Resp: 158635
Ion Ratio Lower Upper
75 100
77 214.8 88.3 264.9





#77

Bromobenzene

Concen: 19.348 ug/l

RT: 12.983 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VN077353.D

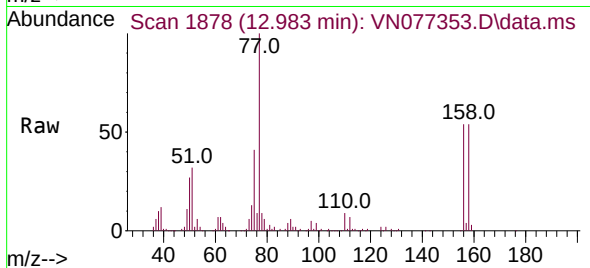
Acq: 17 Apr 2023 12:59

Instrument :

MSVOA_N

ClientSampleId :

VN0417WBS01



Tgt Ion: 156 Resp: 162339

Ion Ratio Lower Upper

156 100

77 209.9 115.3 345.8

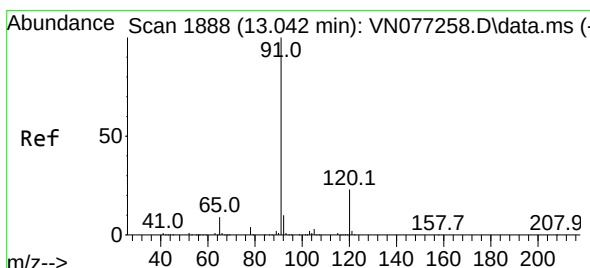
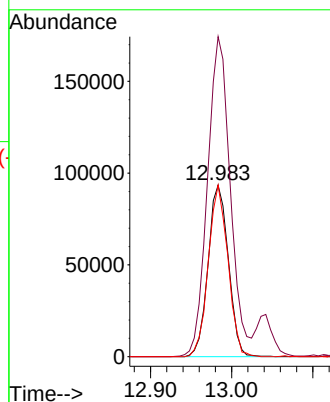
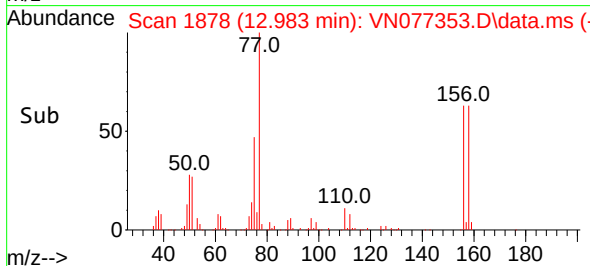
158 96.5 49.3 147.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/18/2023

Supervised By :Mahesh Dadoda 04/18/2023



#78

n-propylbenzene

Concen: 19.030 ug/l

RT: 13.042 min Scan# 1888

Delta R.T. 0.000 min

Lab File: VN077353.D

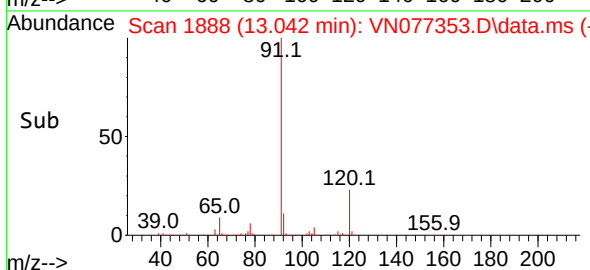
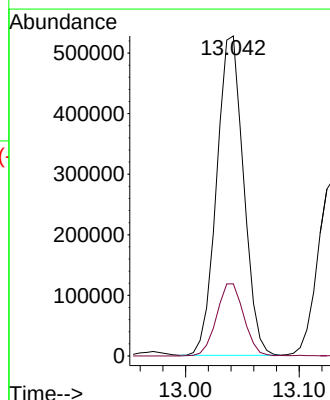
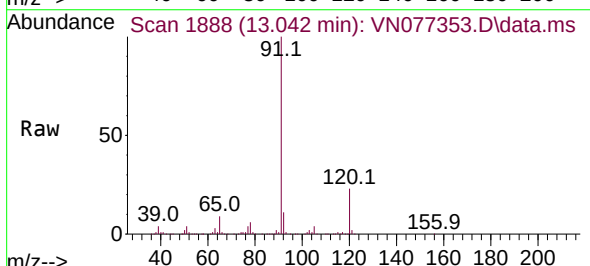
Acq: 17 Apr 2023 12:59

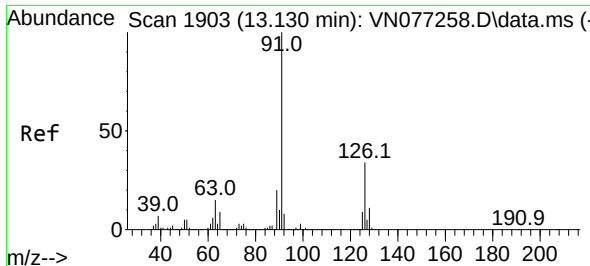
Tgt Ion: 91 Resp: 867691

Ion Ratio Lower Upper

91 100

120 22.9 11.5 34.5





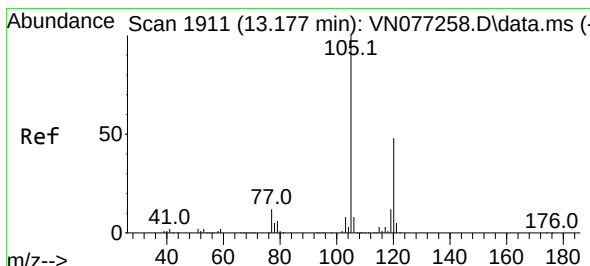
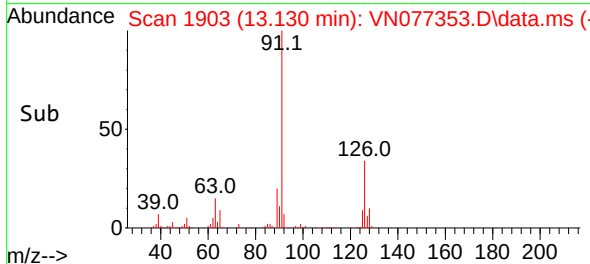
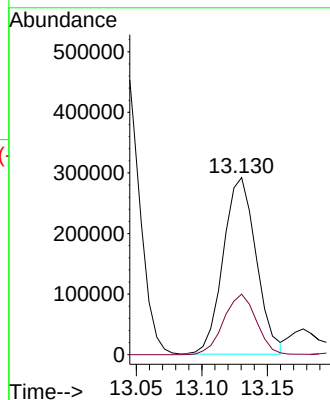
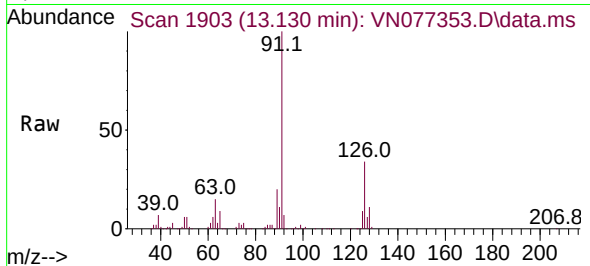
#79
2-Chlorotoluene
Concen: 18.589 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN077353.D
Acq: 17 Apr 2023 12:59

Instrument :
MSVOA_N
ClientSampleId :
VN0417WBS01

Tgt Ion: 91 Resp: 51036
Ion Ratio Lower Upper
91 100
126 34.0 16.8 50.4

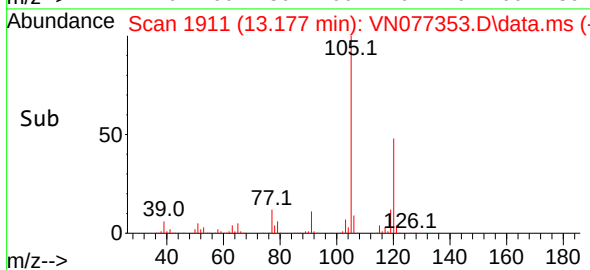
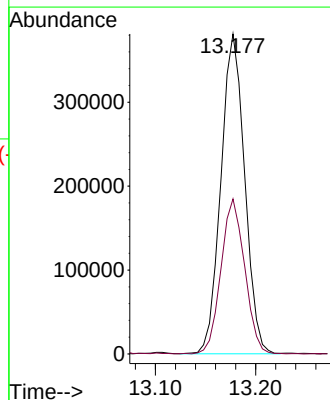
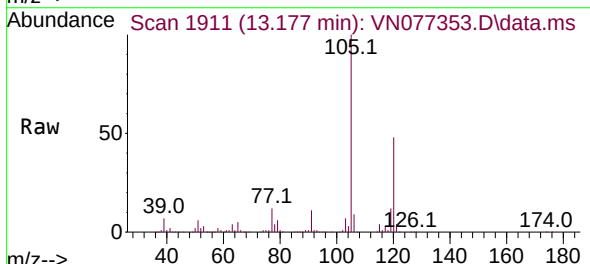
Manual Integrations
APPROVED

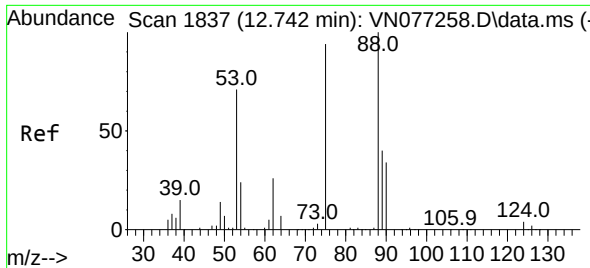
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.018 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077353.D
Acq: 17 Apr 2023 12:59

Tgt Ion:105 Resp: 626814
Ion Ratio Lower Upper
105 100
120 48.4 24.3 73.0





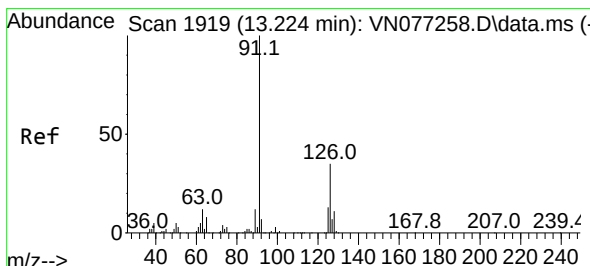
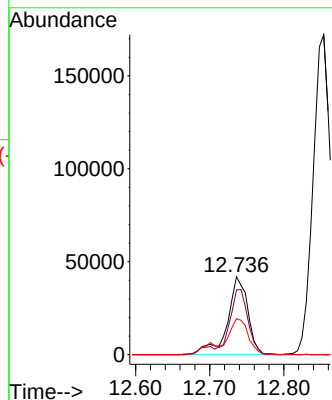
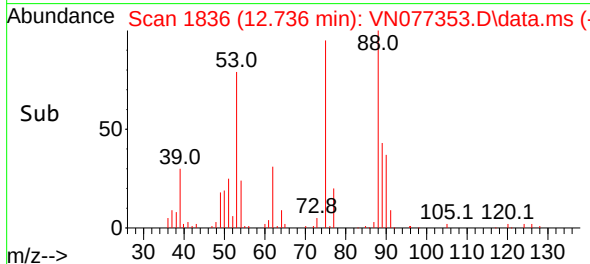
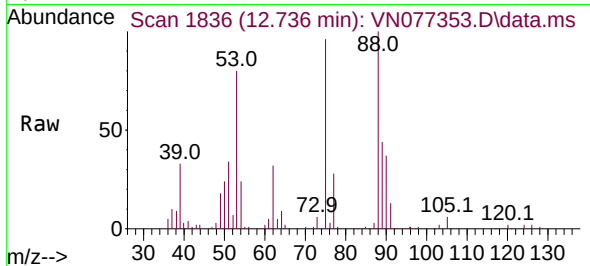
#81
trans-1,4-Dichloro-2-butene
Concen: 17.829 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. -0.006 min
Lab File: VN077353.D
Acq: 17 Apr 2023 12:59

Instrument :
MSVOA_N
ClientSampleId :
VN0417WBS01

Tgt Ion: 75 Resp: 8015
Ion Ratio Lower Upper
75 100
53 74.6 72.8 109.2
89 43.0 37.4 56.2

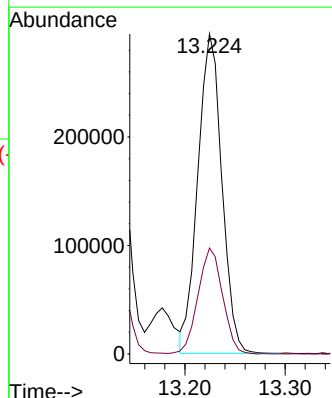
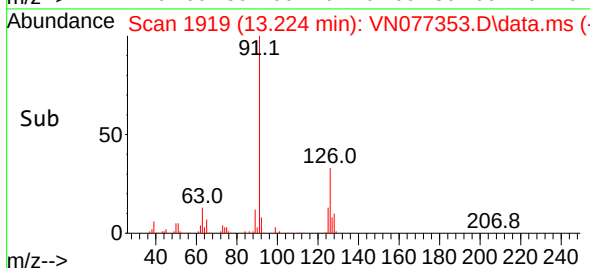
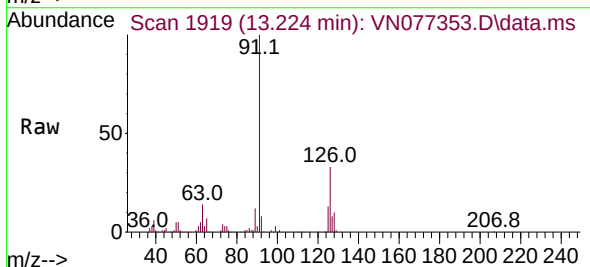
Manual Integrations
APPROVED

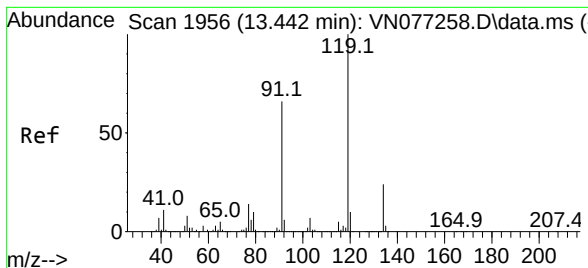
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#82
4-Chlorotoluene
Concen: 18.975 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077353.D
Acq: 17 Apr 2023 12:59

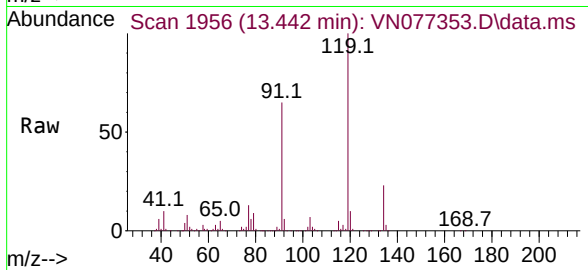
Tgt Ion: 91 Resp: 491179
Ion Ratio Lower Upper
91 100
126 33.9 16.9 50.7





#83
tert-Butylbenzene
Concen: 18.609 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN077353.D
Acq: 17 Apr 2023 12:59

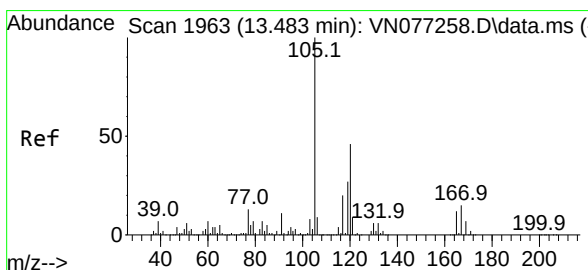
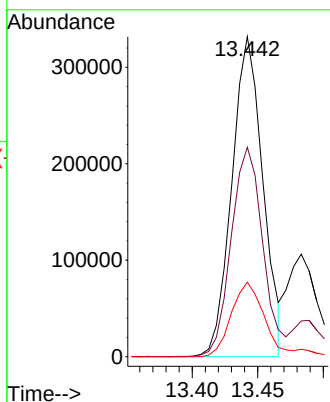
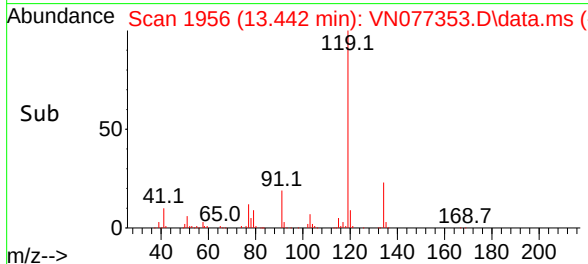
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBS01



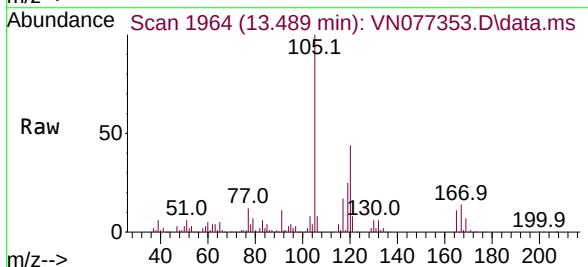
Tgt Ion:119 Resp: 545930
Ion Ratio Lower Upper
119 100
91 67.0 33.5 100.4
134 25.9 13.3 39.9

Manual Integrations
APPROVED

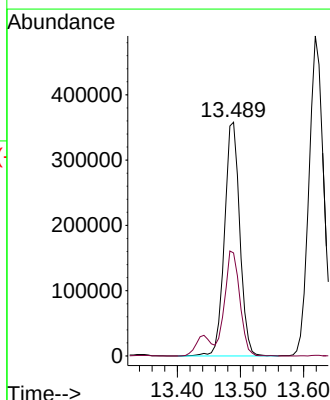
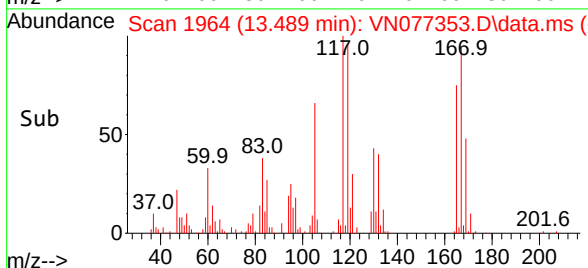
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023

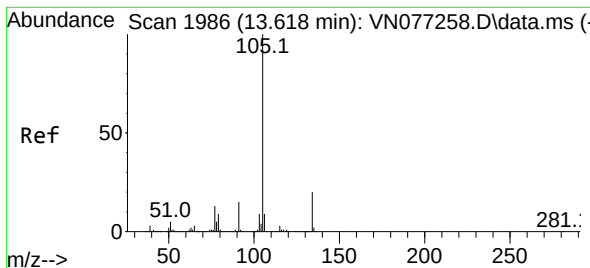


#84
1,2,4-Trimethylbenzene
Concen: 18.430 ug/l
RT: 13.489 min Scan# 1964
Delta R.T. 0.006 min
Lab File: VN077353.D
Acq: 17 Apr 2023 12:59



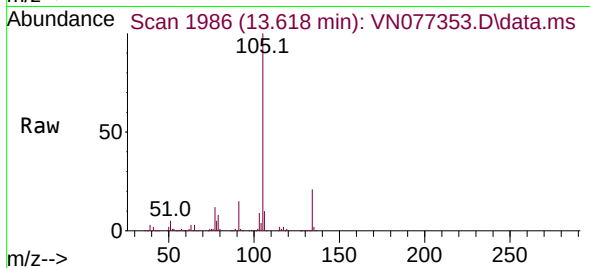
Tgt Ion:105 Resp: 600098
Ion Ratio Lower Upper
105 100
120 44.4 22.5 67.5





#85
 sec-Butylbenzene
 Concen: 19.353 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN077353.D
 Acq: 17 Apr 2023 12:59

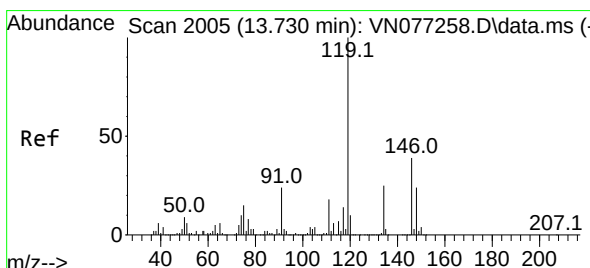
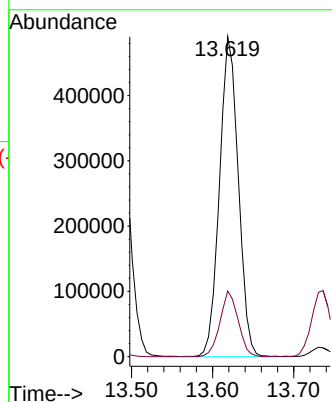
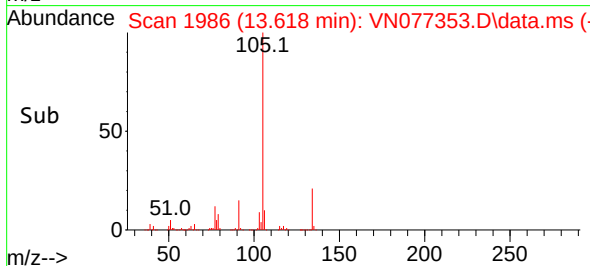
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0417WBS01



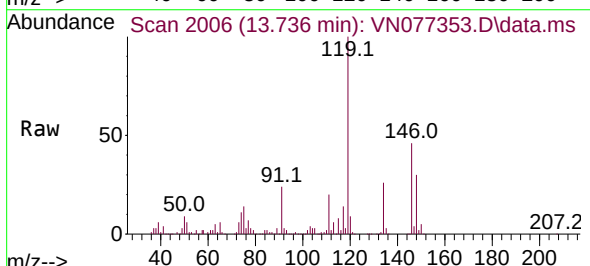
Tgt Ion:105 Resp: 791248
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.4

Manual Integrations
 APPROVED

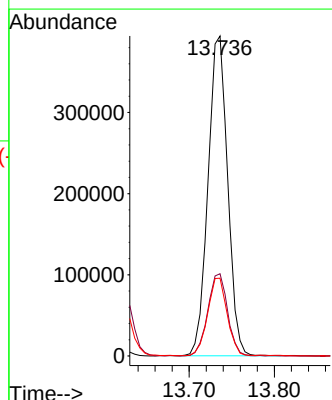
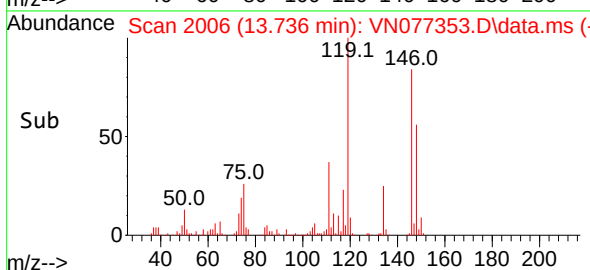
Reviewed By :John Carlone 04/18/2023
 Supervised By :Mahesh Dadoda 04/18/2023

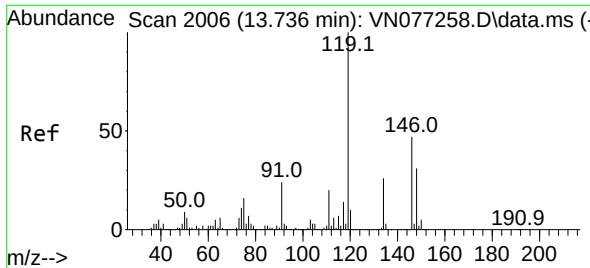


#86
 p-Isopropyltoluene
 Concen: 19.615 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. 0.006 min
 Lab File: VN077353.D
 Acq: 17 Apr 2023 12:59



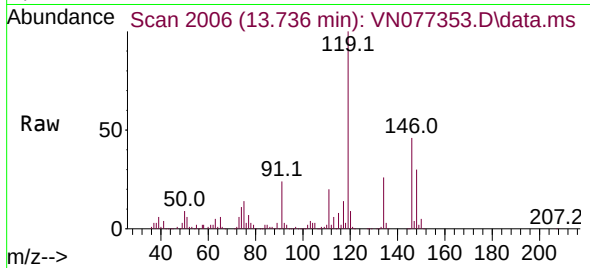
Tgt Ion:119 Resp: 630266
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.9 38.6
 91 24.0 12.3 36.8





#87
 1,3-Dichlorobenzene
 Concen: 19.436 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. 0.000 min
 Lab File: VN077353.D
 Acq: 17 Apr 2023 12:59

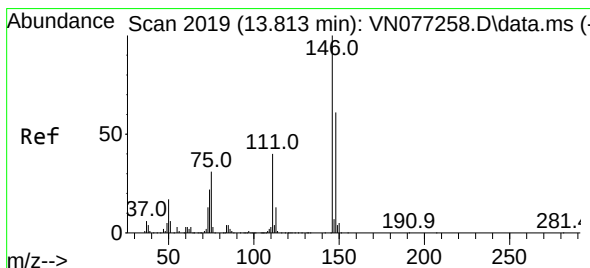
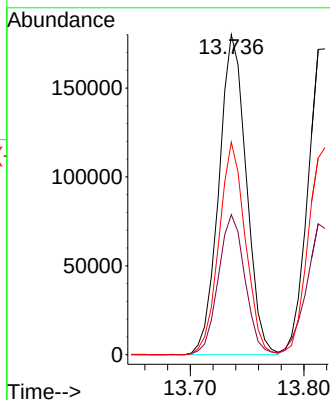
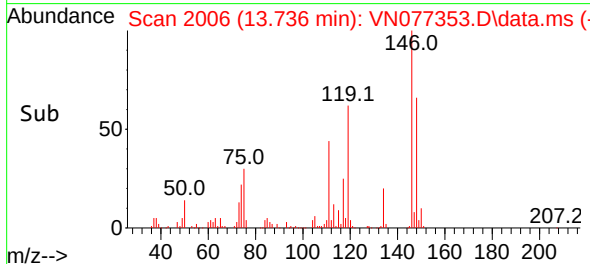
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0417WBS01



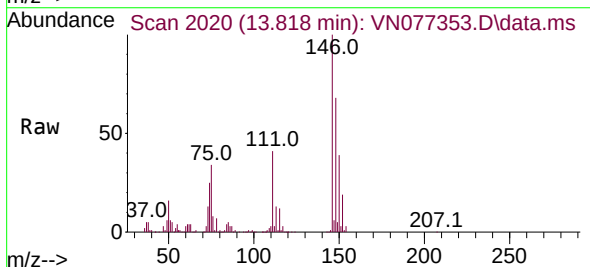
Tgt Ion:146 Resp: 30171
 Ion Ratio Lower Upper
 146 100
 111 42.7 21.8 65.4
 148 64.1 31.7 95.1

Manual Integrations
 APPROVED

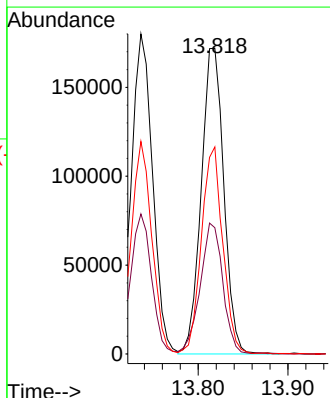
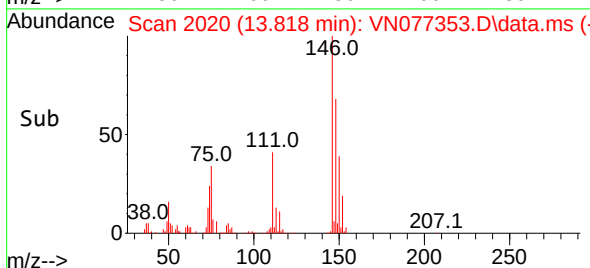
Reviewed By :John Carlone 04/18/2023
 Supervised By :Mahesh Dadoda 04/18/2023

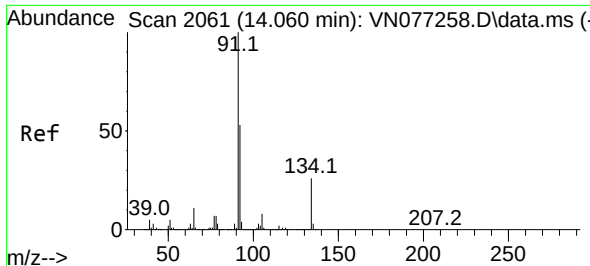


#88
 1,4-Dichlorobenzene
 Concen: 19.642 ug/l
 RT: 13.818 min Scan# 2020
 Delta R.T. 0.005 min
 Lab File: VN077353.D
 Acq: 17 Apr 2023 12:59



Tgt Ion:146 Resp: 300688
 Ion Ratio Lower Upper
 146 100
 111 42.5 20.4 61.2
 148 63.7 31.6 95.0





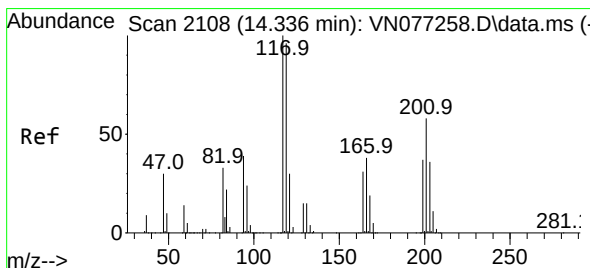
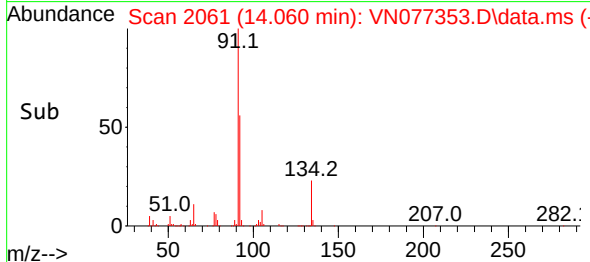
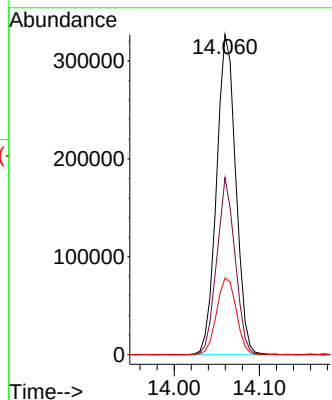
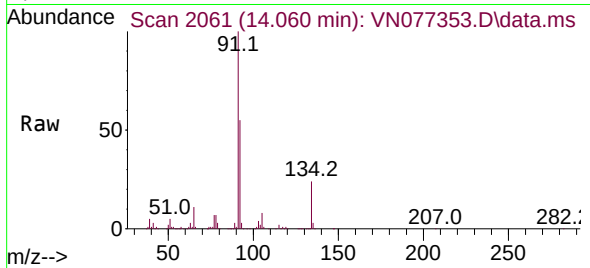
#89
n-Butylbenzene
Concen: 19.226 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN077353.D
Acq: 17 Apr 2023 12:59

Instrument :
MSVOA_N
ClientSampleId :
VN0417WBS01

Tgt Ion: 91 Resp: 51286
Ion Ratio Lower Upper
91 100
92 52.6 26.7 80.0
134 24.6 12.8 38.3

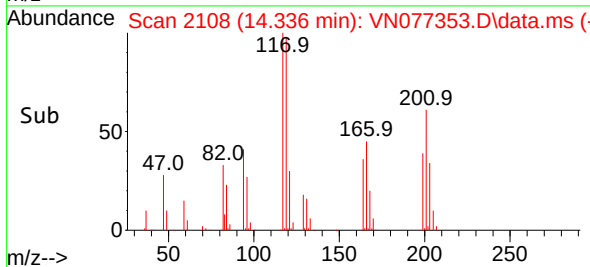
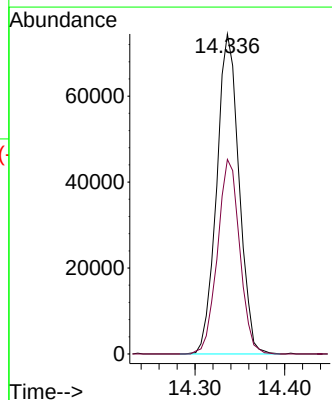
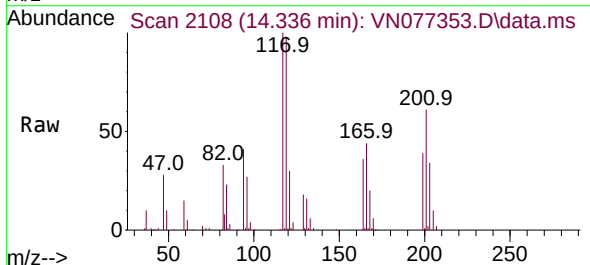
Manual Integrations
APPROVED

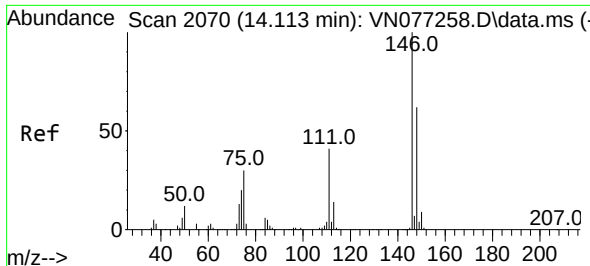
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#90
Hexachloroethane
Concen: 18.335 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN077353.D
Acq: 17 Apr 2023 12:59

Tgt Ion:117 Resp: 128816
Ion Ratio Lower Upper
117 100
201 60.4 29.8 89.5





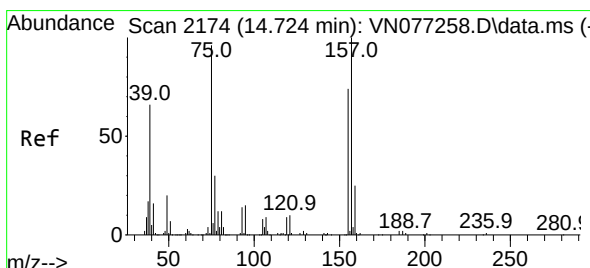
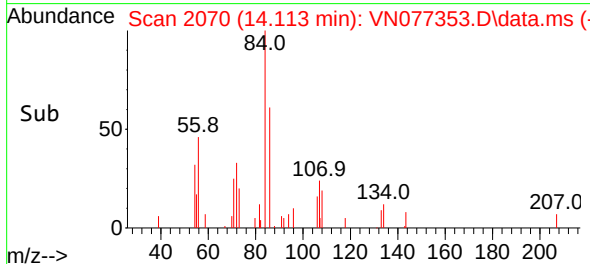
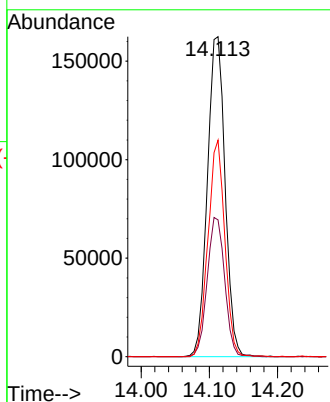
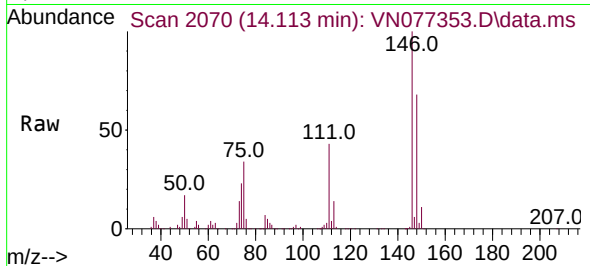
#91
1,2-Dichlorobenzene
Concen: 18.889 ug/l
RT: 14.113 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VN077353.D
Acq: 17 Apr 2023 12:59

Instrument :
MSVOA_N
ClientSampleId :
VN0417WBS01

Tgt Ion:146 Resp: 29333
Ion Ratio Lower Upper
146 100
111 43.0 21.9 65.5
148 64.0 31.9 95.5

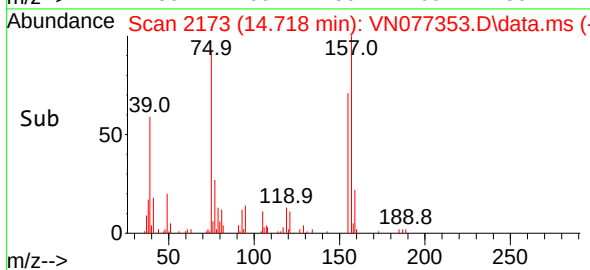
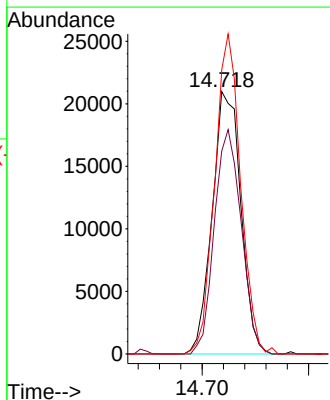
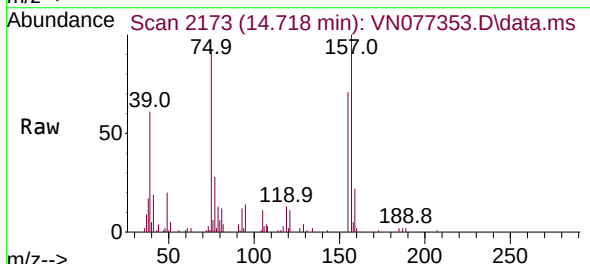
Manual Integrations
APPROVED

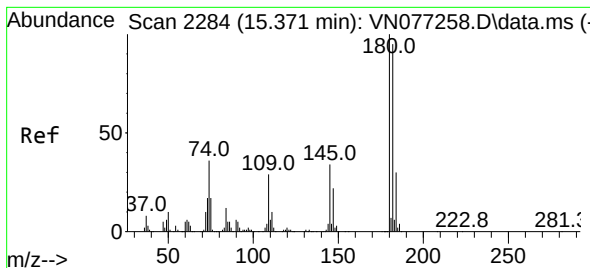
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 15.927 ug/l
RT: 14.718 min Scan# 2173
Delta R.T. -0.006 min
Lab File: VN077353.D
Acq: 17 Apr 2023 12:59

Tgt Ion: 75 Resp: 39088
Ion Ratio Lower Upper
75 100
155 80.5 41.0 123.2
157 110.5 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 15.779 ug/l

RT: 15.371 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN077353.D

Acq: 17 Apr 2023 12:59

Instrument :

MSVOA_N

ClientSampleId :

VN0417WBS01

Tgt Ion:180 Resp: 88450

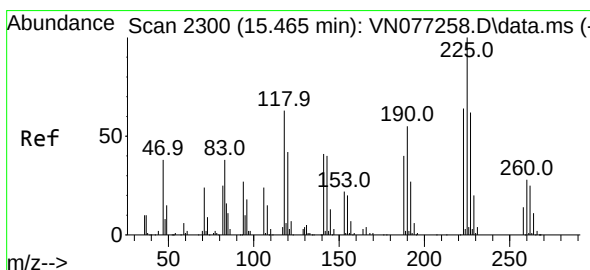
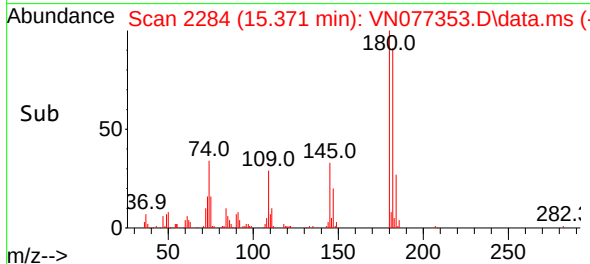
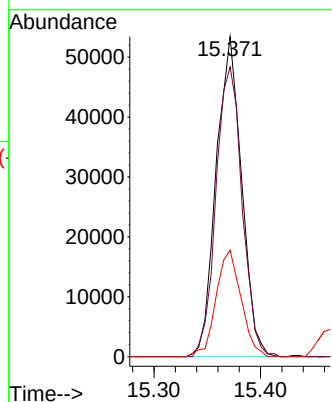
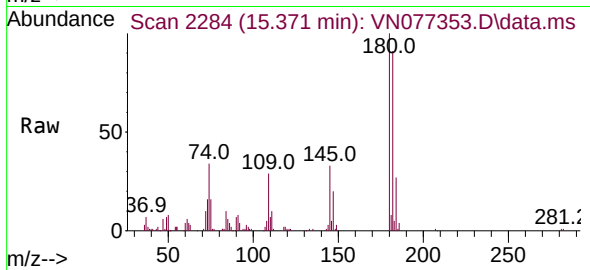
Ion	Ratio	Lower	Upper
180	100		
182	92.9	46.7	140.0
145	32.8	16.6	49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/18/2023

Supervised By :Mahesh Dadoda 04/18/2023



#94

Hexachlorobutadiene

Concen: 19.694 ug/l

RT: 15.465 min Scan# 2300

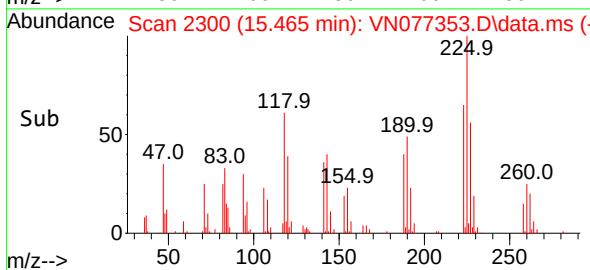
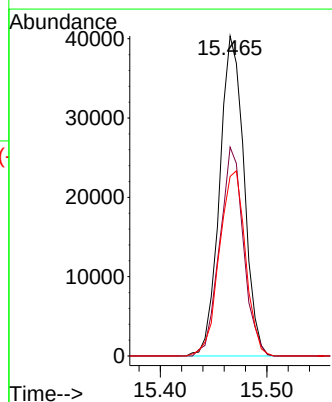
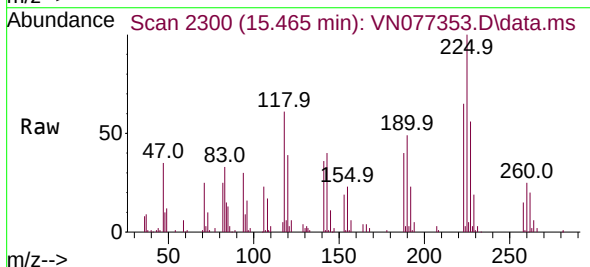
Delta R.T. 0.000 min

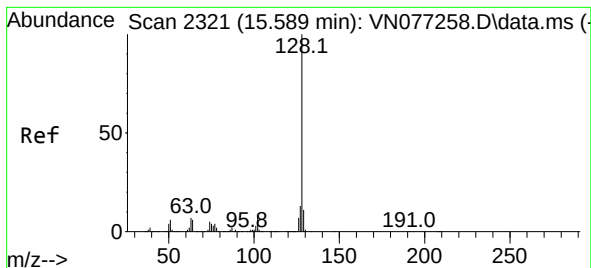
Lab File: VN077353.D

Acq: 17 Apr 2023 12:59

Tgt Ion:225 Resp: 63907

Ion	Ratio	Lower	Upper
225	100		
223	63.9	31.7	95.1
227	61.9	31.2	93.6





#95

Naphthalene

Concen: 14.855 ug/l

RT: 15.589 min Scan# 2321

Delta R.T. -0.000 min

Lab File: VN077353.D

Acq: 17 Apr 2023 12:59

Instrument :

MSVOA_N

ClientSampleId :

VN0417WBS01

Tgt Ion:128 Resp: 312819

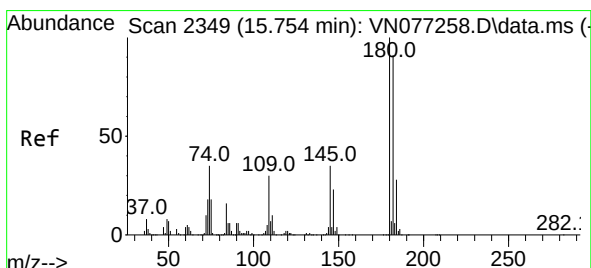
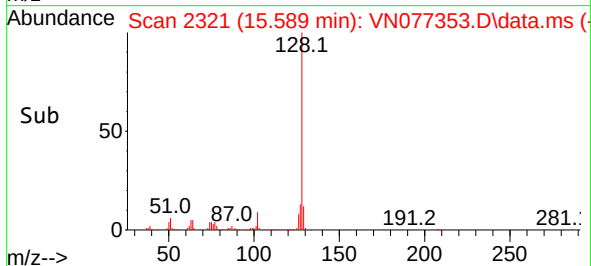
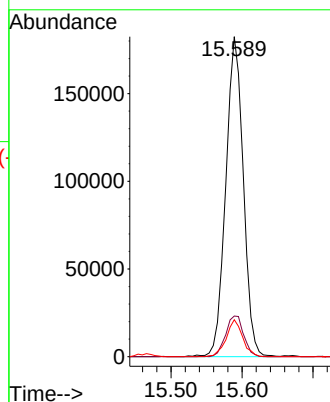
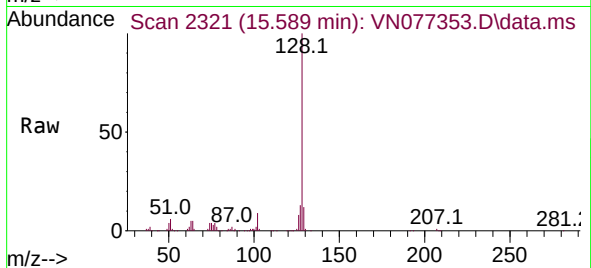
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.4
129	10.8	8.9	13.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/18/2023

Supervised By :Mahesh Dadoda 04/18/2023



#96

1,2,3-Trichlorobenzene

Concen: 14.763 ug/l

RT: 15.760 min Scan# 2350

Delta R.T. 0.006 min

Lab File: VN077353.D

Acq: 17 Apr 2023 12:59

Tgt Ion:180 Resp: 79158

Ion	Ratio	Lower	Upper
180	100		
182	94.7	46.9	140.8
145	35.9	17.6	52.8

