

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052323\
 Data File : VN077809.D
 Acq On : 23 May 2023 12:19
 Operator : JC\MD
 Sample : VN0523WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0523WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/25/2023
 Supervised By : Mahesh Dadoda 05/25/2023

Quant Time: May 24 02:53:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	359962	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	641508	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	562429	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	228592	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	286190	53.136	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.280%			
35) Dibromofluoromethane	8.171	113	242325	57.928	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 115.860%			
50) Toluene-d8	10.571	98	884439	54.929	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.860%			
62) 4-Bromofluorobenzene	12.859	95	292057	51.358	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.720%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	74904	18.284	ug/l	96
3) Chloromethane	2.371	50	75958	16.280	ug/l	98
4) Vinyl Chloride	2.524	62	92974	18.001	ug/l	96
5) Bromomethane	2.959	94	71881	18.817	ug/l	95
6) Chloroethane	3.130	64	65971	17.723	ug/l	99
7) Trichlorofluoromethane	3.506	101	139743	19.414	ug/l	94
8) Diethyl Ether	3.971	74	53139	20.222	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.377	101	80147	20.120	ug/l	96
10) Methyl Iodide	4.594	142	104657	22.030	ug/l	90
11) Tert butyl alcohol	5.530	59	72148	97.063	ug/l	98
12) 1,1-Dichloroethene	4.353	96	72908	19.257	ug/l	99
13) Acrolein	4.189	56	67959	133.582	ug/l	99
14) Allyl chloride	5.036	41	97477	17.526	ug/l	94
15) Acrylonitrile	5.730	53	189094	95.221	ug/l	98
16) Acetone	4.436	43	157572	92.991	ug/l	97
17) Carbon Disulfide	4.724	76	163412	16.019	ug/l	99
18) Methyl Acetate	5.036	43	136862	19.253	ug/l	91
19) Methyl tert-butyl Ether	5.806	73	275959	20.137	ug/l	98
20) Methylene Chloride	5.289	84	95177	20.411	ug/l	86
21) trans-1,2-Dichloroethene	5.794	96	81558	19.177	ug/l	91
22) Diisopropyl ether	6.683	45	255510	19.600	ug/l #	93
23) Vinyl Acetate	6.612	43	755491	93.534	ug/l #	90
24) 1,1-Dichloroethane	6.583	63	158670	19.867	ug/l	97
25) 2-Butanone	7.488	43	243153	91.732	ug/l #	83
26) 2,2-Dichloropropane	7.500	77	130089	19.172	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	101552	19.915	ug/l	91
28) Bromochloromethane	7.824	49	62067	17.969	ug/l	90
29) Tetrahydrofuran	7.841	42	152824	88.050	ug/l	87
30) Chloroform	7.971	83	174244	19.833	ug/l	94
31) Cyclohexane	8.265	56	129922	17.748	ug/l	93
32) 1,1,1-Trichloroethane	8.177	97	148579	19.891	ug/l	97
36) 1,1-Dichloropropene	8.377	75	119662	19.557	ug/l	97
37) Ethyl Acetate	7.571	43	100312	18.394	ug/l	96
38) Carbon Tetrachloride	8.371	117	130055	21.050	ug/l	98
39) Methylcyclohexane	9.606	83	141640	18.909	ug/l	89
40) Benzene	8.612	78	362222	20.061	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	54094	18.625	ug/l	92
42) 1,2-Dichloroethane	8.677	62	133801	20.400	ug/l	98
43) Isopropyl Acetate	8.694	43	178021	19.985	ug/l	96
44) Trichloroethene	9.359	130	97130	21.245	ug/l	96
45) 1,2-Dichloropropane	9.629	63	97226	21.111	ug/l	95
46) Dibromomethane	9.712	93	66548	20.193	ug/l	93
47) Bromodichloromethane	9.894	83	136847	21.690	ug/l	93
48) Methyl methacrylate	9.688	41	78710	18.637	ug/l	91
49) 1,4-Dioxane	9.700	88	33175	415.894	ug/l #	86
51) 4-Methyl-2-Pentanone	10.453	43	519281	98.072	ug/l	92
52) Toluene	10.635	92	234132	20.829	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	137806	20.625	ug/l	95
54) cis-1,3-Dichloropropene	10.318	75	146530	19.901	ug/l	96
55) 1,1,2-Trichloroethane	11.023	97	100462	22.509	ug/l	99
56) Ethyl methacrylate	10.882	69	135423	20.068	ug/l	93
57) 1,3-Dichloropropane	11.170	76	160418	20.966	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	287240	86.520	ug/l	93
59) 2-Hexanone	11.200	43	355593	90.795	ug/l	94
60) Dibromochloromethane	11.370	129	102607	22.269	ug/l	99
61) 1,2-Dibromoethane	11.476	107	95901	21.538	ug/l	96
64) Tetrachloroethene	11.112	164	96306	24.485	ug/l	98
65) Chlorobenzene	11.900	112	253624	20.801	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	96874	22.962	ug/l	99
67) Ethyl Benzene	11.970	91	439998	20.137	ug/l	99
68) m/p-Xylenes	12.076	106	343041	41.434	ug/l	99
69) o-Xylene	12.406	106	175844	21.597	ug/l	98
70) Styrene	12.417	104	264799	20.473	ug/l	98
71) Bromoform	12.582	173	64523	22.990	ug/l #	98
73) Isopropylbenzene	12.700	105	443250	22.495	ug/l	98
74) N-amyl acetate	12.500	43	134886	18.520	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.947	83	127035	20.956	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	93308m	16.299	ug/l	
77) Bromobenzene	12.988	156	98903	21.994	ug/l	97
78) n-propylbenzene	13.041	91	498504	21.459	ug/l	99
79) 2-Chlorotoluene	13.129	91	302324	21.809	ug/l	98
80) 1,3,5-Trimethylbenzene	13.182	105	372309	22.481	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.747	75	37973	21.203	ug/l	94
82) 4-Chlorotoluene	13.229	91	281574	20.415	ug/l	97
83) tert-Butylbenzene	13.447	119	327825	22.675	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	369799	22.704	ug/l	99
85) sec-Butylbenzene	13.623	105	457654	22.274	ug/l	100
86) p-Isopropyltoluene	13.735	119	383412	23.406	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	175249	21.074	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	165309	20.032	ug/l	97
89) n-Butylbenzene	14.064	91	311807	20.695	ug/l	99
90) Hexachloroethane	14.341	117	62117	23.083	ug/l	90
91) 1,2-Dichlorobenzene	14.111	146	175226	22.555	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.729	75	21254	18.110	ug/l	97
93) 1,2,4-Trichlorobenzene	15.400	180	71825	15.821	ug/l	100
94) Hexachlorobutadiene	15.511	225	42239	22.408	ug/l	97
95) Naphthalene	15.647	128	205223	13.133	ug/l	97
96) 1,2,3-Trichlorobenzene	15.853	180	77470	17.428	ug/l	98

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ALS Vial : 6 Sample Multiplier: 1

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ClientSampleId :
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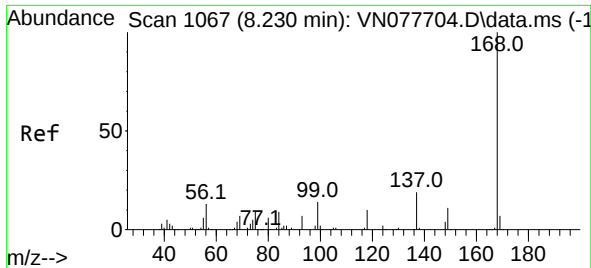
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

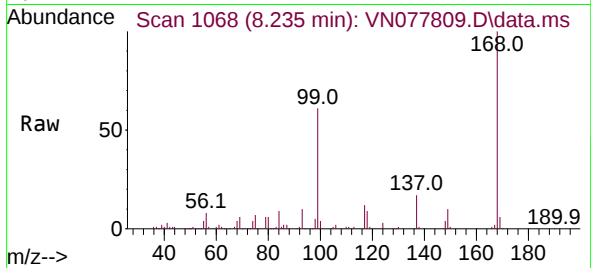
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN077809.D
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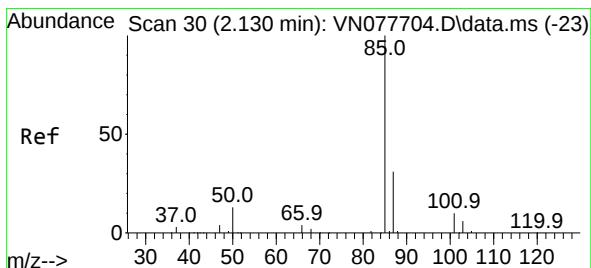
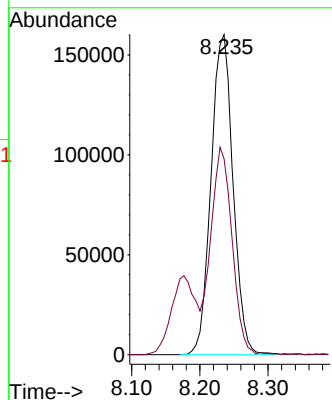
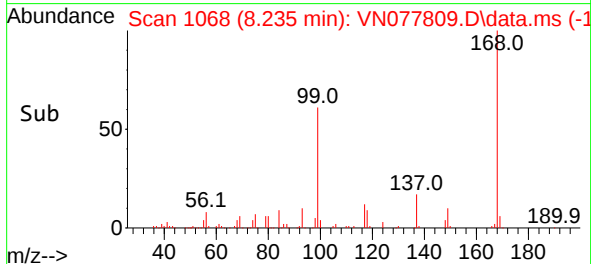
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBSD01



Tgt Ion:168 Resp: 35996
Ion Ratio Lower Upper
168 100
99 61.2 53.0 79.6

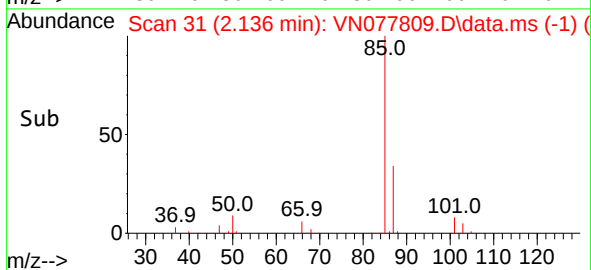
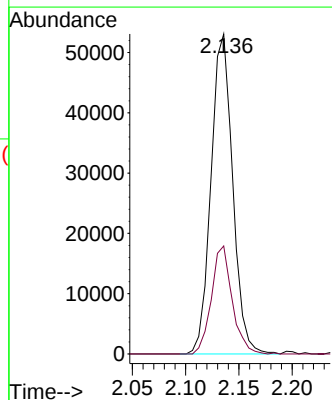
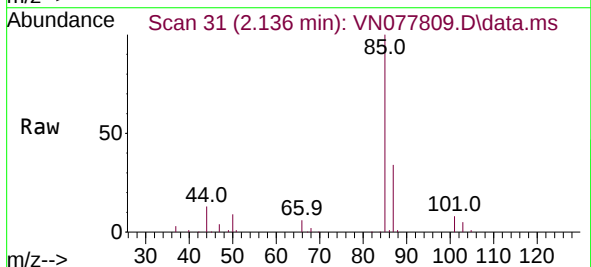
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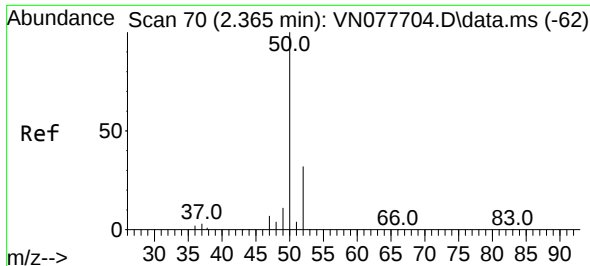
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#2
Dichlorodifluoromethane
Concen: 18.284 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN077809.D
Acq: 23 May 2023 12:19

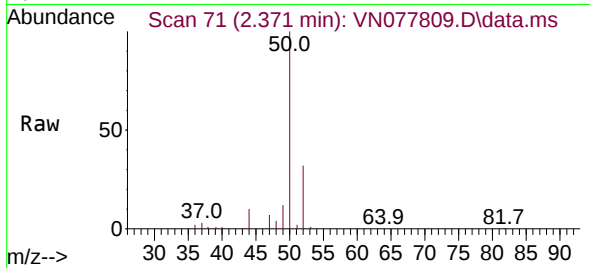
Tgt Ion: 85 Resp: 74904
Ion Ratio Lower Upper
85 100
87 33.8 15.8 47.4





#3
Chloromethane
Concen: 16.280 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN077809.D
Acq: 23 May 2023 12:19

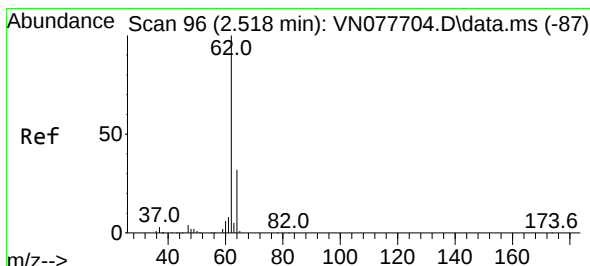
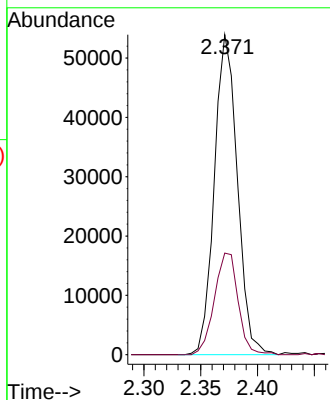
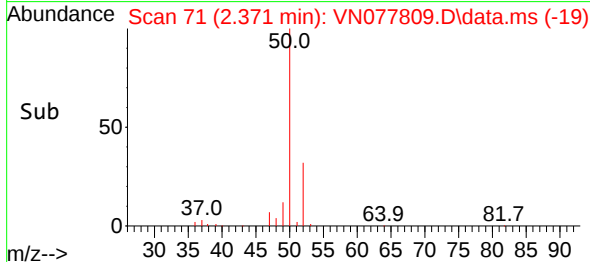
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Tgt Ion: 50 Resp: 75958
Ion Ratio Lower Upper
50 100
52 31.8 26.5 39.7

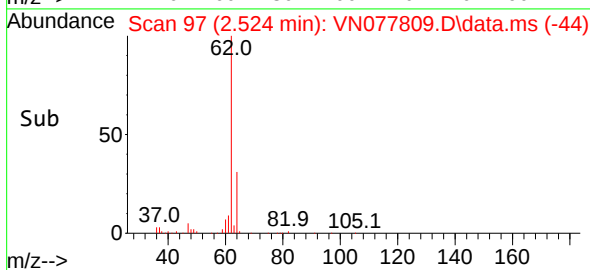
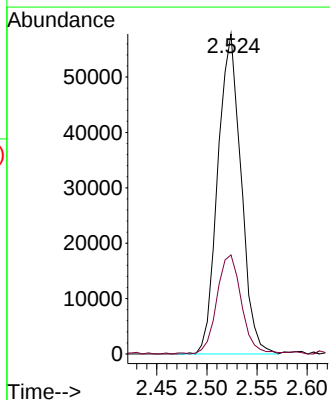
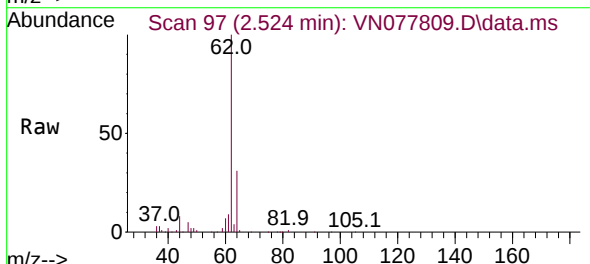
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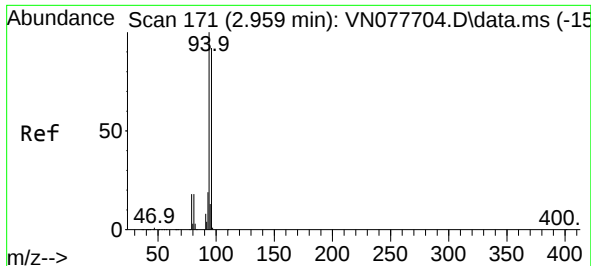
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#4
Vinyl Chloride
Concen: 18.001 ug/l
RT: 2.524 min Scan# 97
Delta R.T. 0.012 min
Lab File: VN077809.D
Acq: 23 May 2023 12:19

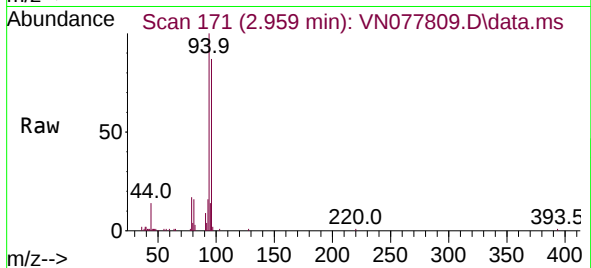
Tgt Ion: 62 Resp: 92974
Ion Ratio Lower Upper
62 100
64 30.7 26.2 39.2





#5
Bromomethane
Concen: 18.817 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN077809.D
Acq: 23 May 2023 12:19

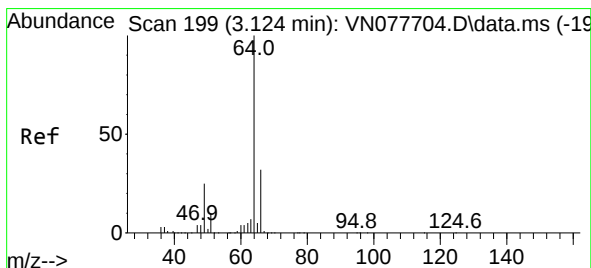
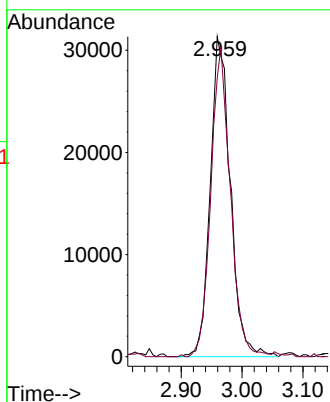
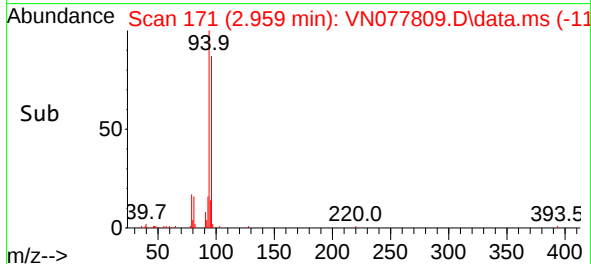
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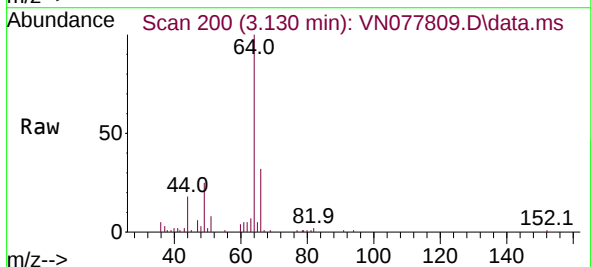
Tgt Ion: 94 Resp: 7188
Ion Ratio Lower Upper
94 100
96 87.0 73.1 109.7

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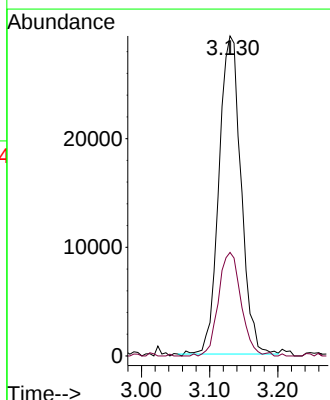
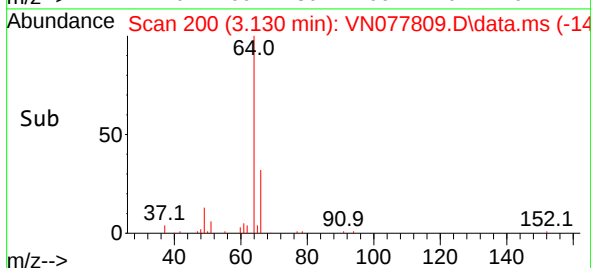
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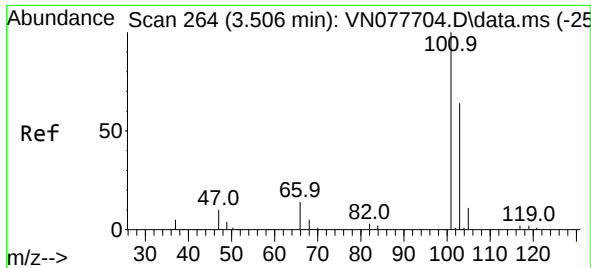


#6
Chloroethane
Concen: 17.723 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.006 min
Lab File: VN077809.D
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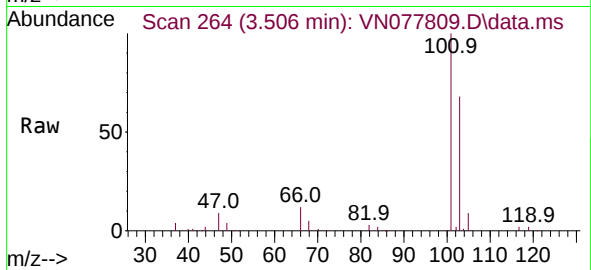
Tgt Ion: 64 Resp: 65971
Ion Ratio Lower Upper
64 100
66 32.6 25.4 38.2





#7
Trichlorofluoromethane
Concen: 19.414 ug/l
RT: 3.506 min Scan# 264
Delta R.T. 0.006 min
Lab File: VN077809.D
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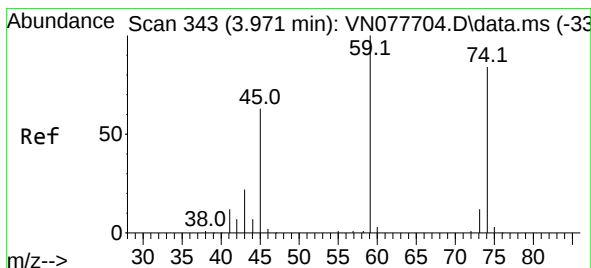
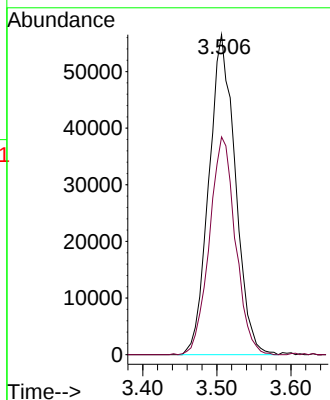
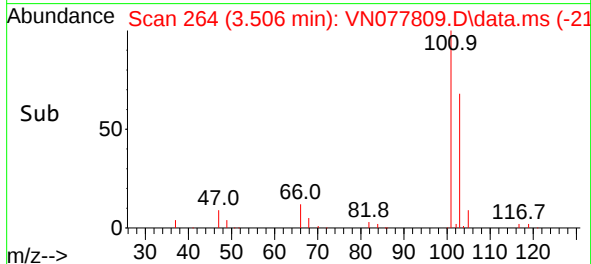
Instrument :
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Tgt Ion:101 Resp: 13974
Ion Ratio Lower Upper
101 100
103 68.0 50.7 76.1

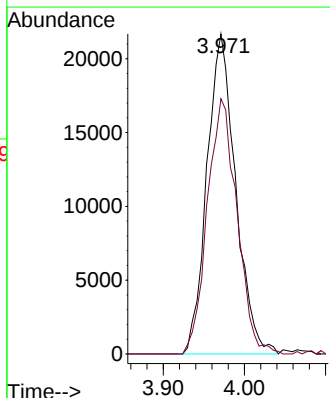
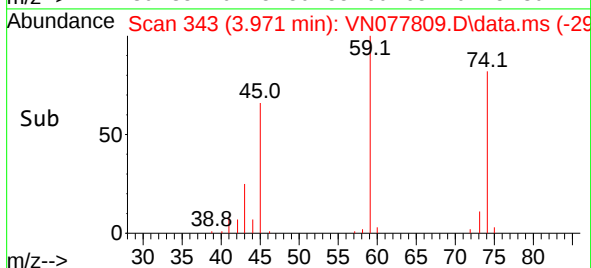
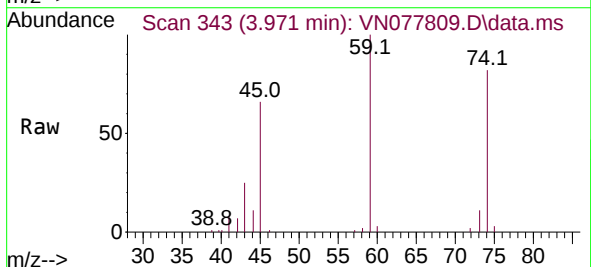
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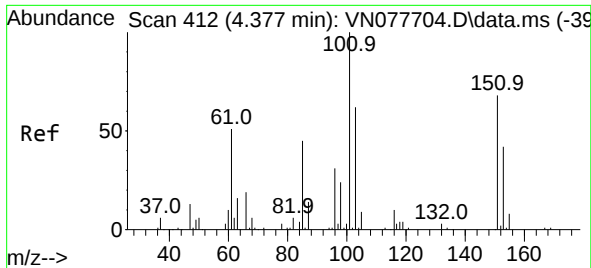
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#8
Diethyl Ether
Concen: 20.222 ug/l
RT: 3.971 min Scan# 343
Delta R.T. 0.006 min
Lab File: VN077809.D
Acq: 23 May 2023 12:19

Tgt Ion: 74 Resp: 53139
Ion Ratio Lower Upper
74 100
45 82.7 34.4 103.3





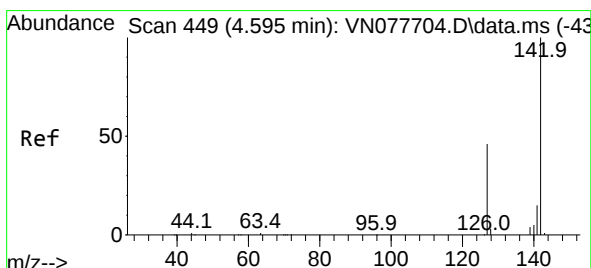
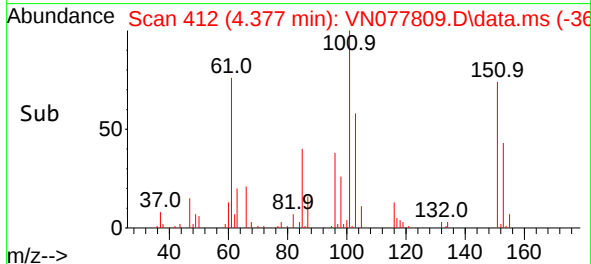
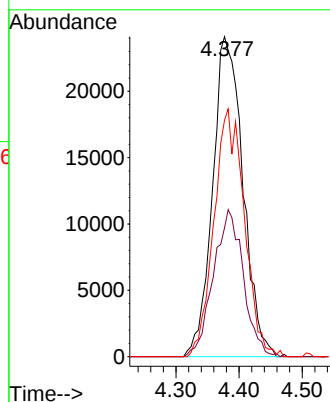
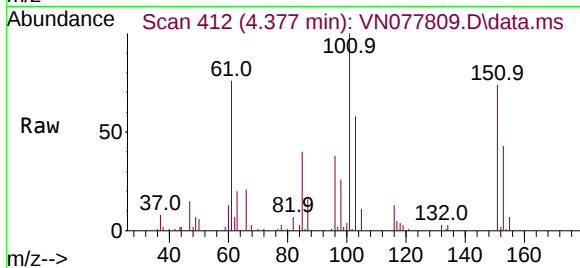
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.120 ug/l
RT: 4.377 min Scan# 412
Delta R.T. -0.000 min
Lab File: VN077809.D
Acq: 23 May 2023 12:19

Instrument :
MSVOA_N
ClientSampleId :
VN0523WBSD01

Tgt Ion:101 Resp: 8014
Ion Ratio Lower Upper
101 100
85 45.5 36.6 55.0
151 77.8 57.6 86.4

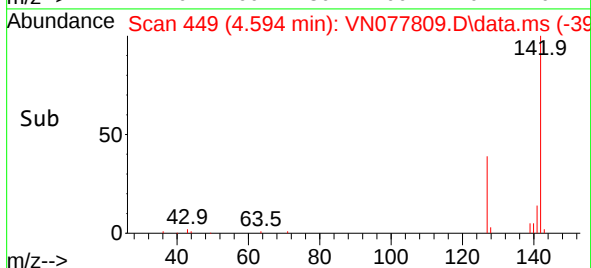
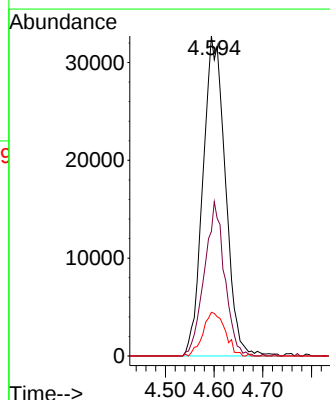
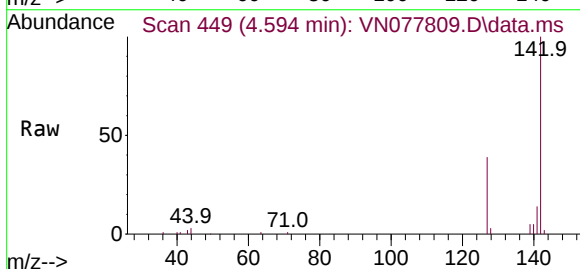
Manual Integrations
APPROVED

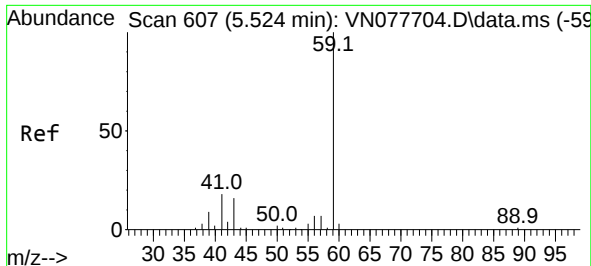
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#10
Methyl Iodide
Concen: 22.030 ug/l
RT: 4.594 min Scan# 449
Delta R.T. 0.000 min
Lab File: VN077809.D
Acq: 23 May 2023 12:19

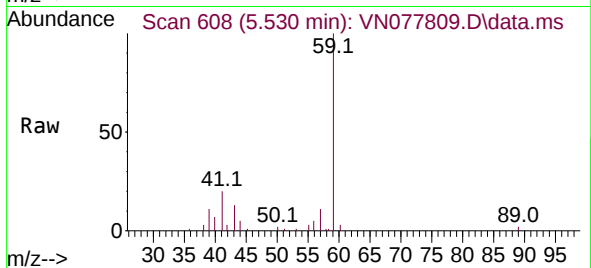
Tgt Ion:142 Resp: 104657
Ion Ratio Lower Upper
142 100
127 38.9 37.6 56.4
141 13.7 11.4 17.0





#11
Tert butyl alcohol
Concen: 97.063 ug/l
RT: 5.530 min Scan# 607
Delta R.T. -0.000 min
Lab File: VN077809.D
Acq: 23 May 2023 12:19

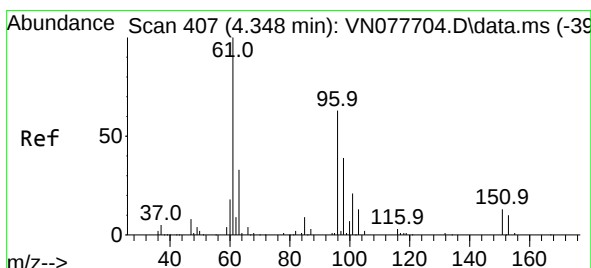
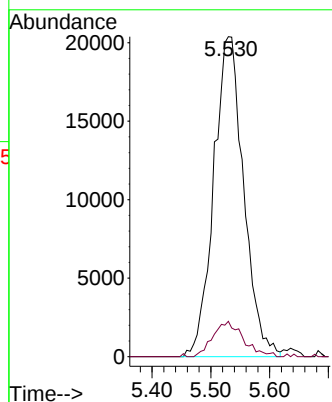
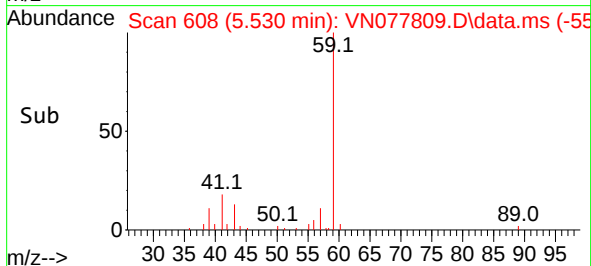
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBSD01



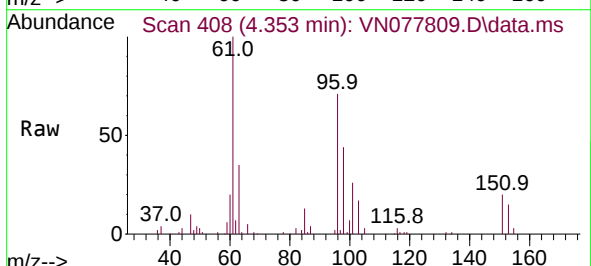
Tgt Ion: 59 Resp: 72148
Ion Ratio Lower Upper
59 100
57 11.1 8.2 12.4

Manual Integrations
APPROVED

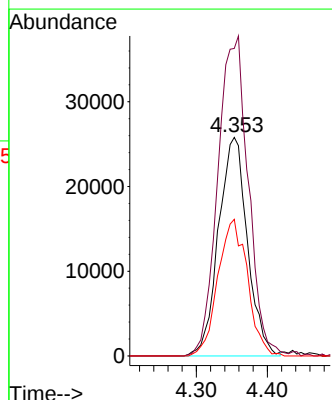
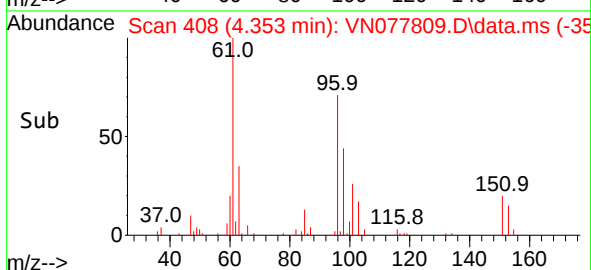
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

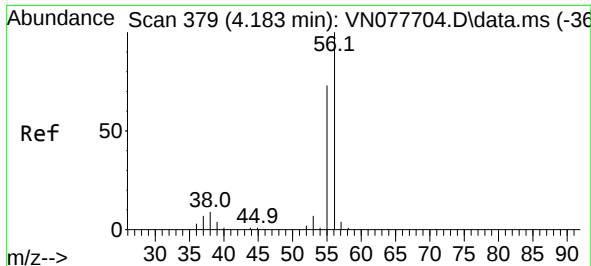


#12
1,1-Dichloroethene
Concen: 19.257 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.006 min
Lab File: VN077809.D
Acq: 23 May 2023 12:19



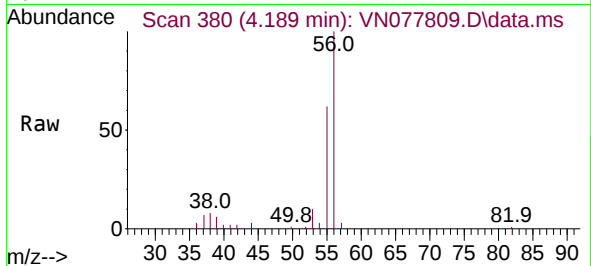
Tgt Ion: 96 Resp: 72908
Ion Ratio Lower Upper
96 100
61 140.7 112.7 169.1
98 62.5 51.2 76.8





#13
Acrolein
Concen: 133.582 ug/l
RT: 4.189 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN077809.D
Acq: 23 May 2023 12:19

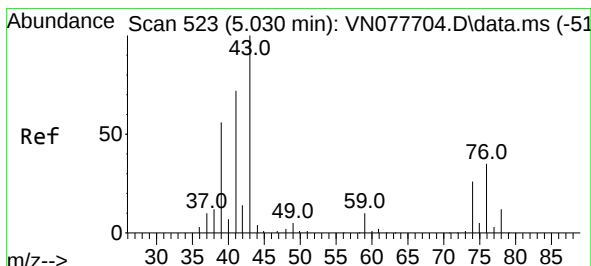
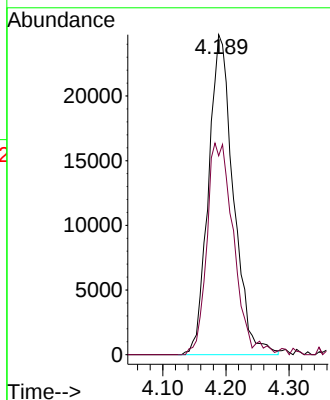
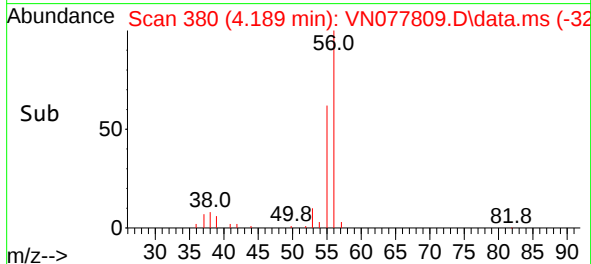
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBSD01



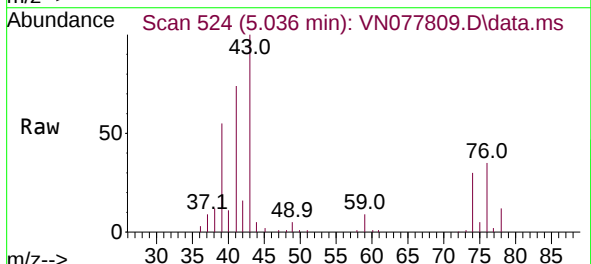
Tgt Ion: 56 Resp: 67959
Ion Ratio Lower Upper
56 100
55 69.3 54.5 81.7

Manual Integrations
APPROVED

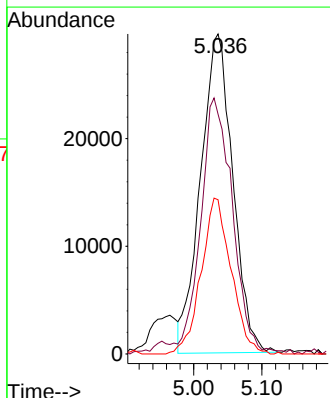
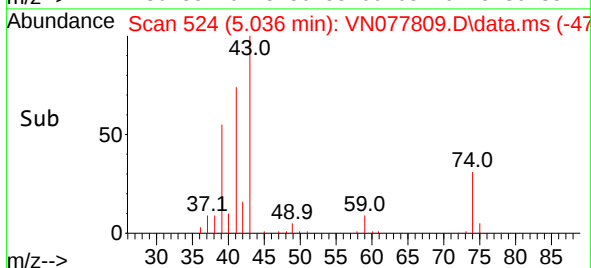
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

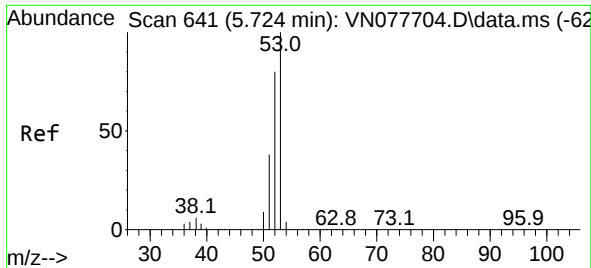


#14
Allyl chloride
Concen: 17.526 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.012 min
Lab File: VN077809.D
Acq: 23 May 2023 12:19



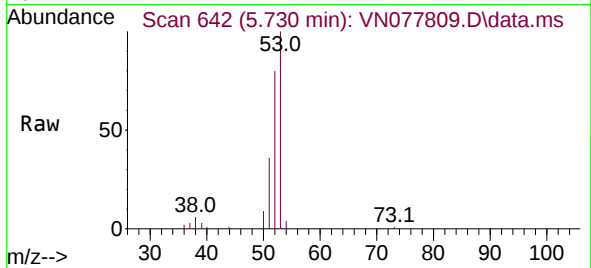
Tgt Ion: 41 Resp: 97477
Ion Ratio Lower Upper
41 100
39 79.8 58.8 88.2
76 45.5 39.1 58.7





#15
Acrylonitrile
Concen: 95.221 ug/l
RT: 5.730 min Scan# 641
Delta R.T. 0.012 min
Lab File: VN077809.D
Acq: 23 May 2023 12:19

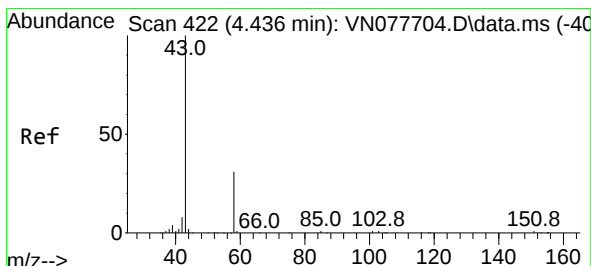
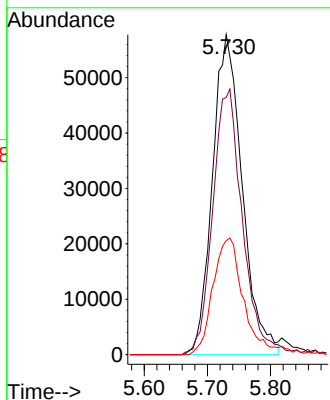
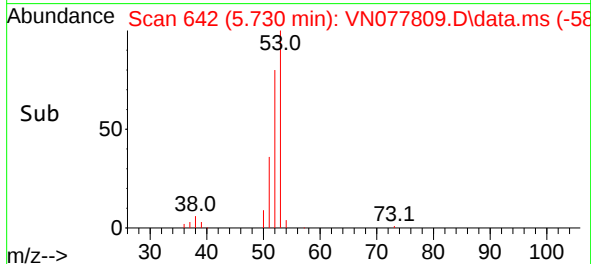
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBSD01



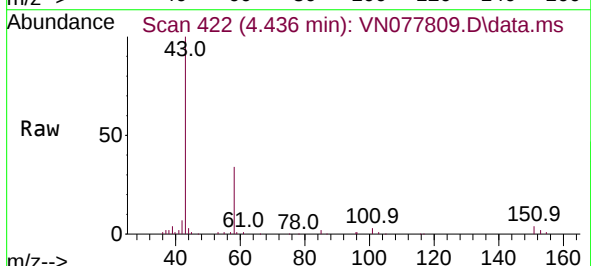
Tgt Ion: 53 Resp: 189094
Ion Ratio Lower Upper
53 100
52 83.0 65.3 97.9
51 37.9 28.9 43.3

Manual Integrations
APPROVED

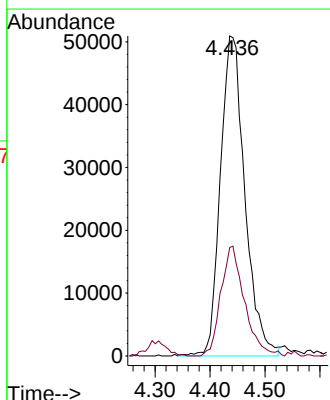
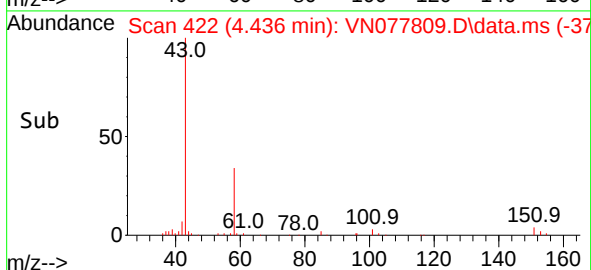
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

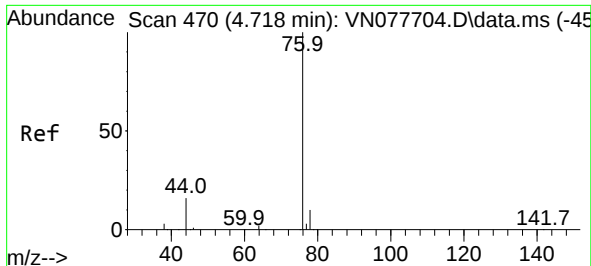


#16
Acetone
Concen: 92.991 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN077809.D
Acq: 23 May 2023 12:19



Tgt Ion: 43 Resp: 157572
Ion Ratio Lower Upper
43 100
58 33.5 28.0 42.0





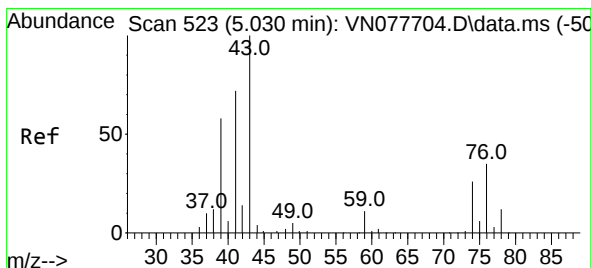
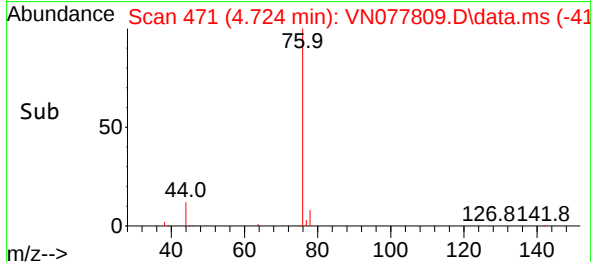
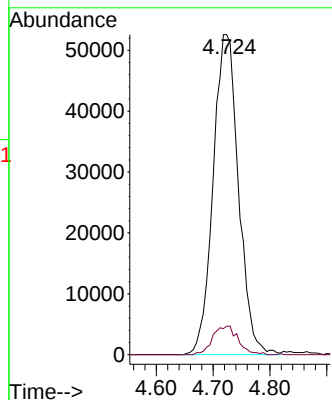
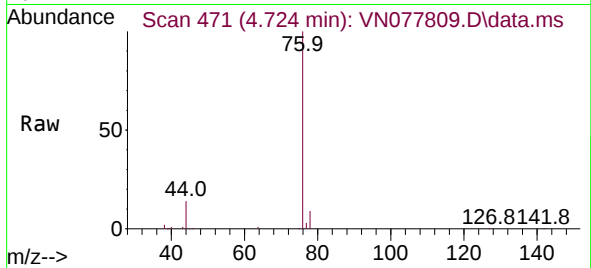
#17
Carbon Disulfide
Concen: 16.019 ug/l
RT: 4.724 min Scan# 471
Delta R.T. 0.012 min
Lab File: VN077809.D
Acq: 23 May 2023 12:19

Instrument :
MSVOA_N
ClientSampleId :
VN0523WBSD01

Tgt Ion: 76 Resp: 16341
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0

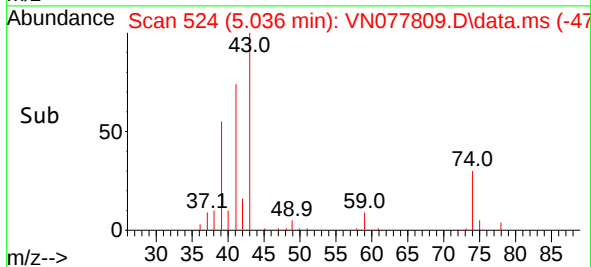
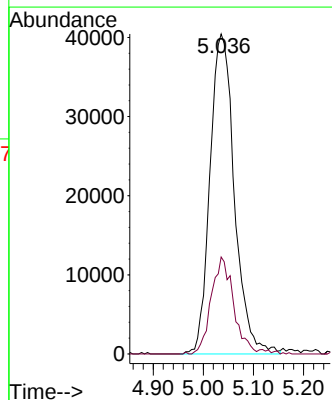
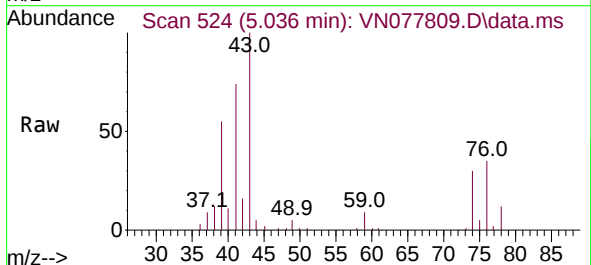
Manual Integrations
APPROVED

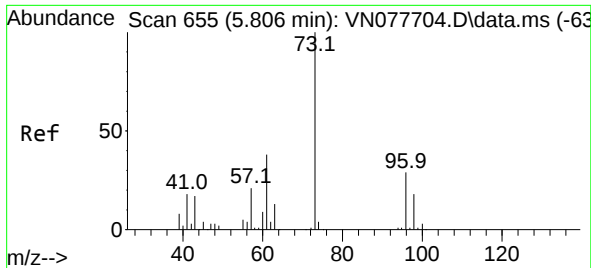
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#18
Methyl Acetate
Concen: 19.253 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN077809.D
Acq: 23 May 2023 12:19

Tgt Ion: 43 Resp: 136862
Ion Ratio Lower Upper
43 100
74 27.5 26.2 39.4





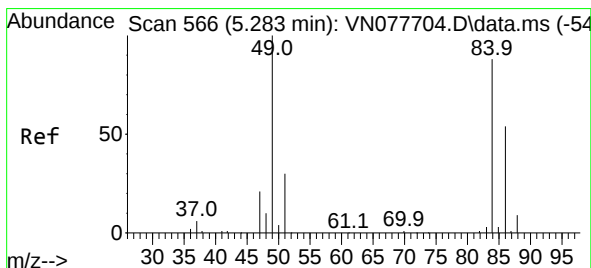
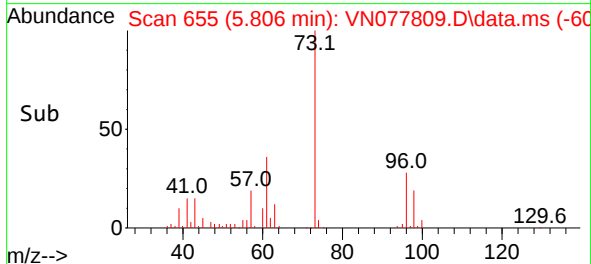
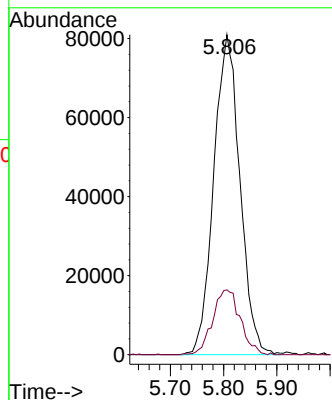
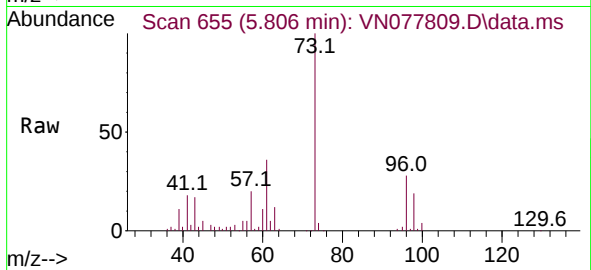
#19
Methyl tert-butyl Ether
Concen: 20.137 ug/l
RT: 5.806 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN077809.D
Acq: 23 May 2023 12:19

Instrument :
MSVOA_N
ClientSampleId :
VN0523WBSD01

Tgt Ion: 73 Resp: 275959
Ion Ratio Lower Upper
73 100
57 20.2 15.6 23.4

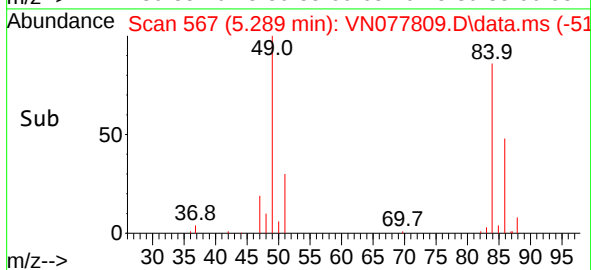
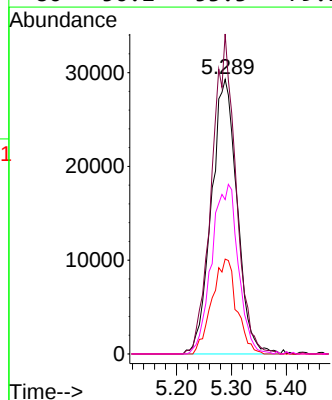
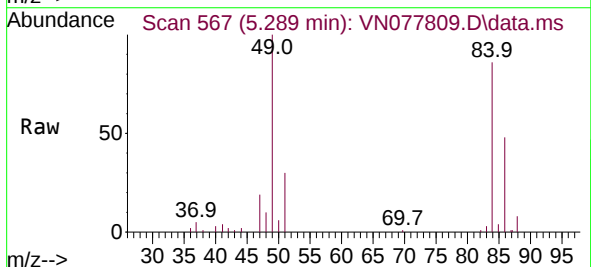
Manual Integrations
APPROVED

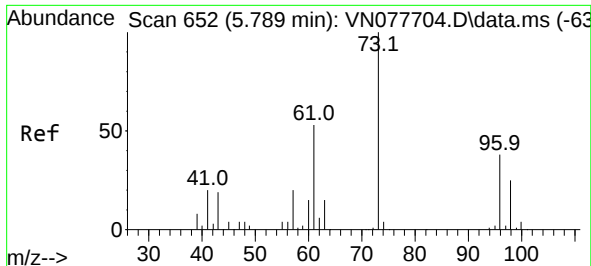
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#20
Methylene Chloride
Concen: 20.411 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN077809.D
Acq: 23 May 2023 12:19

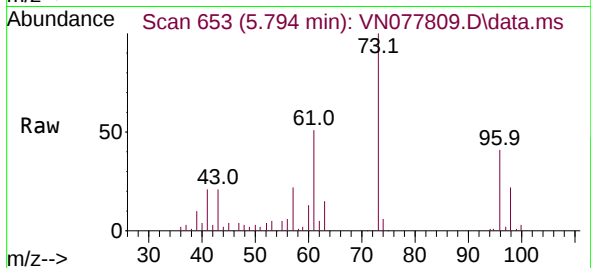
Tgt Ion: 84 Resp: 95177
Ion Ratio Lower Upper
84 100
49 116.5 79.7 119.5
51 34.5 25.2 37.8
86 56.2 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 19.177 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077809.D
Acq: 23 May 2023 12:19

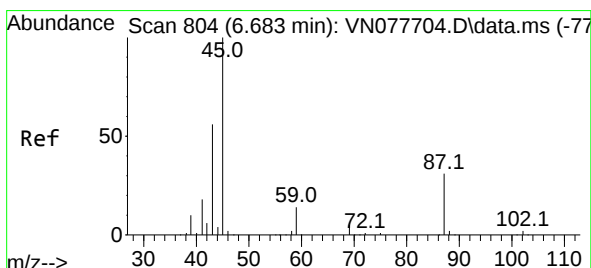
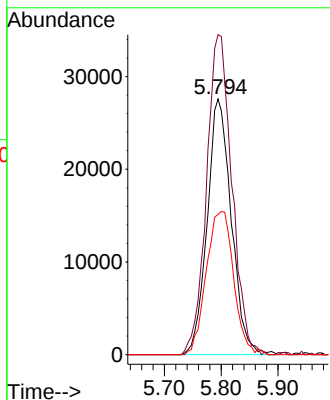
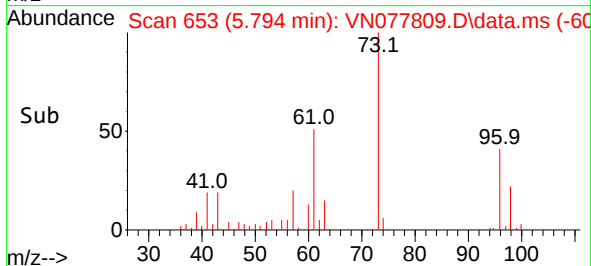
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBSD01



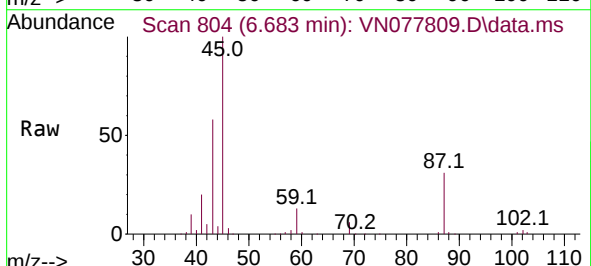
Tgt Ion: 96 Resp: 81558
Ion Ratio Lower Upper
96 100
61 125.2 90.1 135.1
98 54.9 46.4 69.6

Manual Integrations
APPROVED

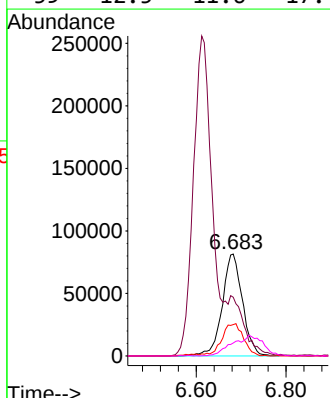
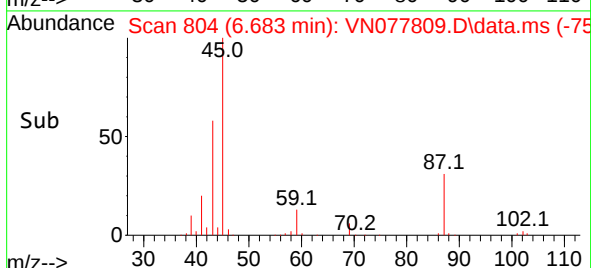
Reviewed By :John Carbone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

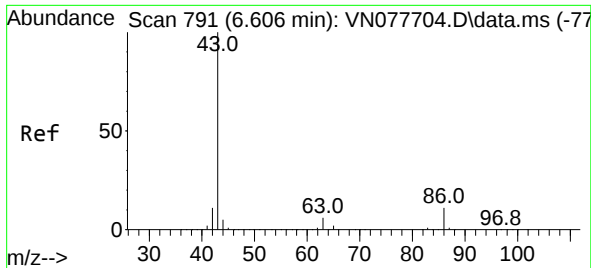


#22
Diisopropyl ether
Concen: 19.600 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.006 min
Lab File: VN077809.D
Acq: 23 May 2023 12:19



Tgt Ion: 45 Resp: 255510
Ion Ratio Lower Upper
45 100
43 56.3 45.5 68.3
87 30.3 31.8 47.8#
59 12.5 11.6 17.4





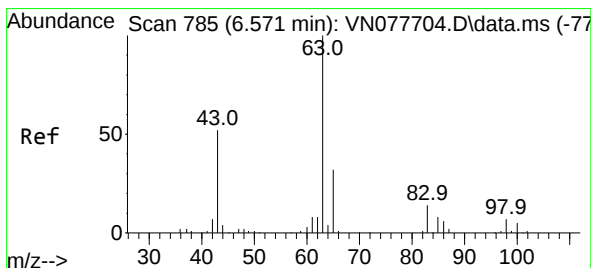
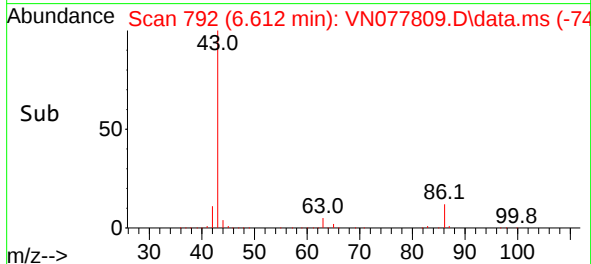
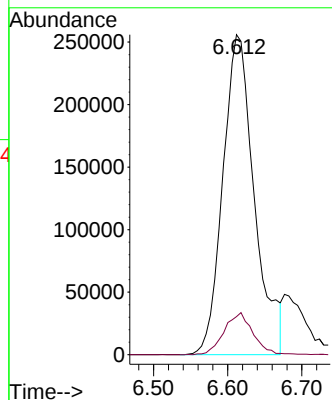
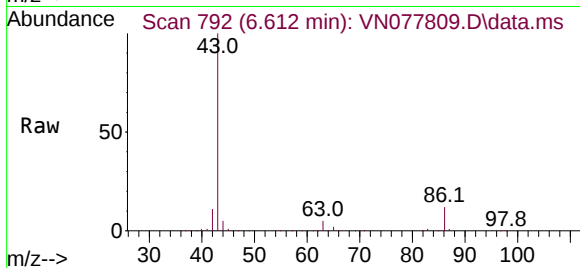
#23
 Vinyl Acetate
 Concen: 93.534 ug/l
 RT: 6.612 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN077809.D
 Acq: 23 May 2023 12:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0523WBSD01

Tgt Ion: 43 Resp: 75549
 Ion Ratio Lower Upper
 43 100
 86 11.9 13.0 19.6

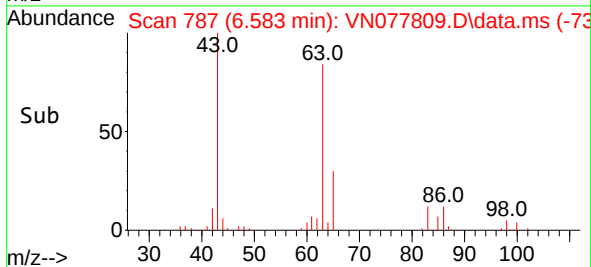
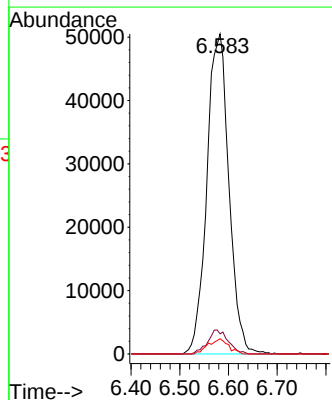
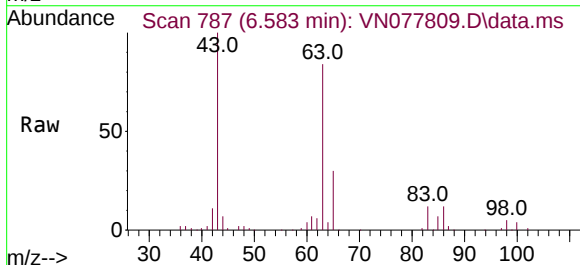
Manual Integrations
 APPROVED

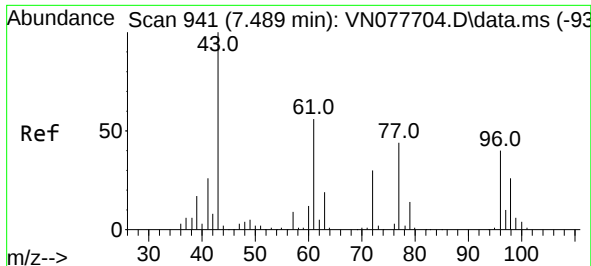
Reviewed By :John Carlone 05/25/2023
 Supervised By :Mahesh Dadoda 05/25/2023



#24
 1,1-Dichloroethane
 Concen: 19.867 ug/l
 RT: 6.583 min Scan# 787
 Delta R.T. 0.012 min
 Lab File: VN077809.D
 Acq: 23 May 2023 12:19

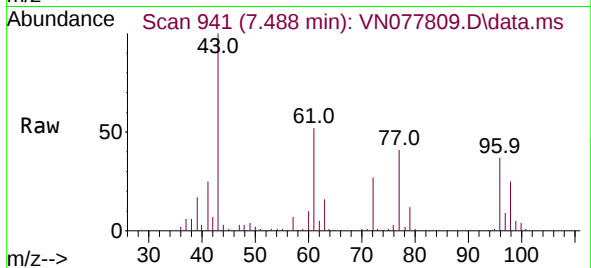
Tgt Ion: 63 Resp: 158670
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.9 11.7
 100 4.8 2.5 7.4





#25
2-Butanone
Concen: 91.732 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN077809.D
Acq: 23 May 2023 12:19

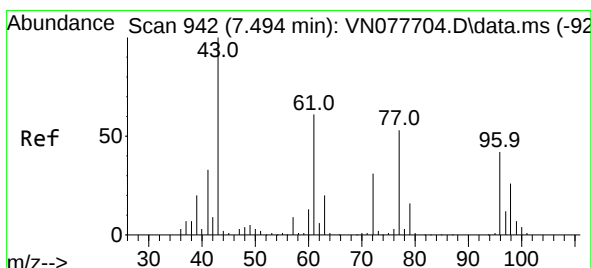
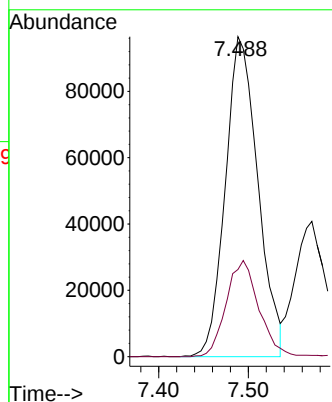
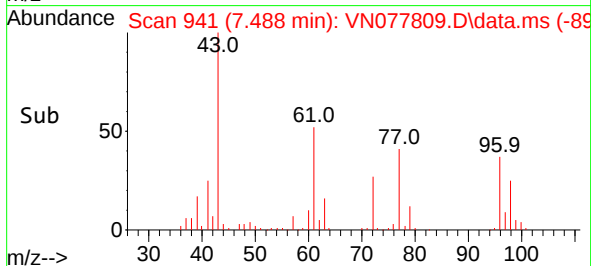
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBSD01



Tgt Ion: 43 Resp: 24315
Ion Ratio Lower Upper
43 100
72 27.2 30.2 45.2

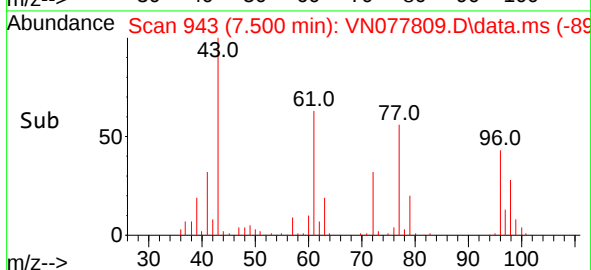
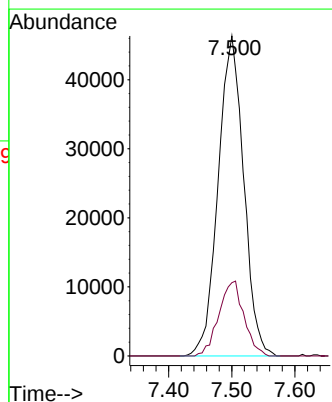
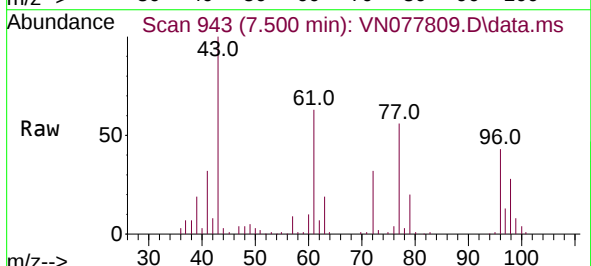
Manual Integrations
APPROVED

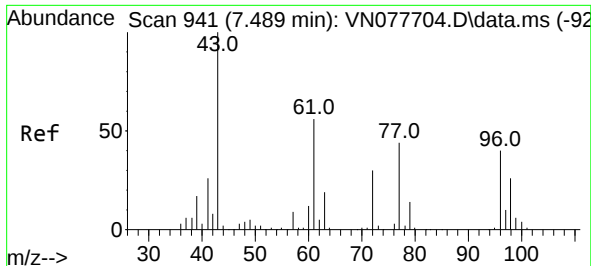
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#26
2,2-Dichloropropane
Concen: 19.172 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN077809.D
Acq: 23 May 2023 12:19

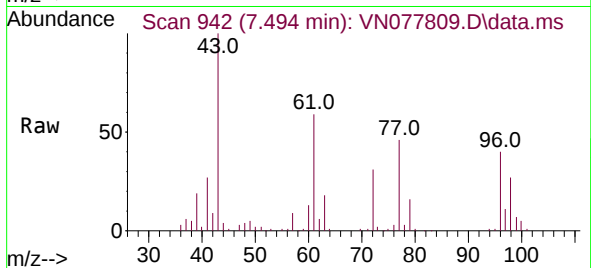
Tgt Ion: 77 Resp: 130089
Ion Ratio Lower Upper
77 100
97 23.0 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 19.915 ug/l
 RT: 7.494 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN077809.D
 Acq: 23 May 2023 12:19

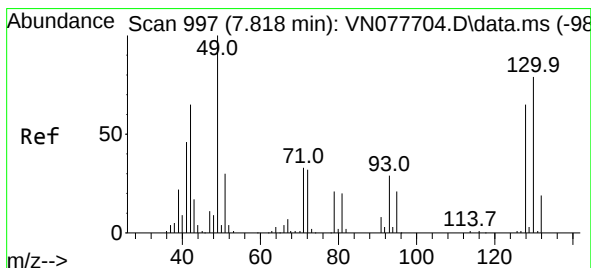
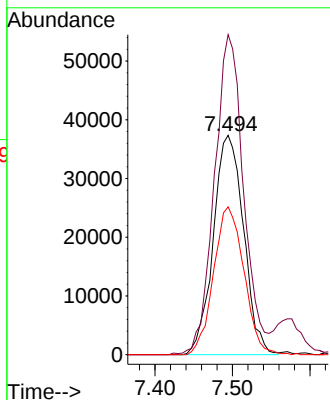
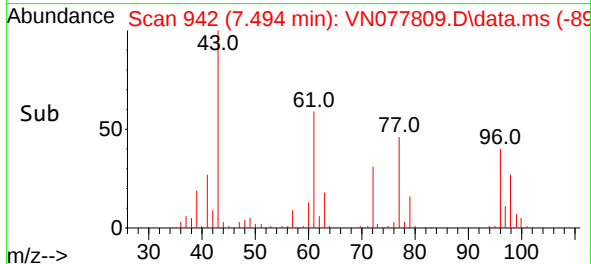
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0523WBSD01



Tgt Ion: 96 Resp: 101552
 Ion Ratio Lower Upper
 96 100
 61 140.9 0.0 255.2
 98 67.6 0.0 128.8

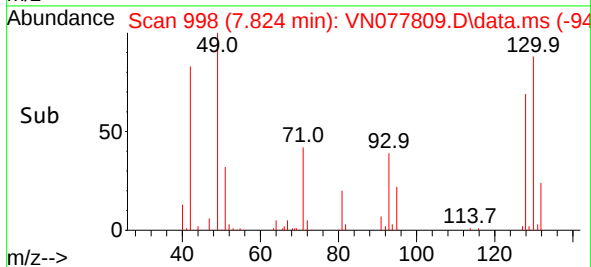
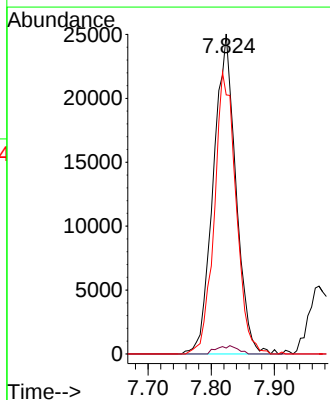
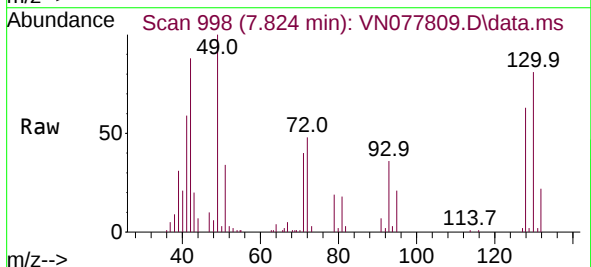
Manual Integrations
 APPROVED

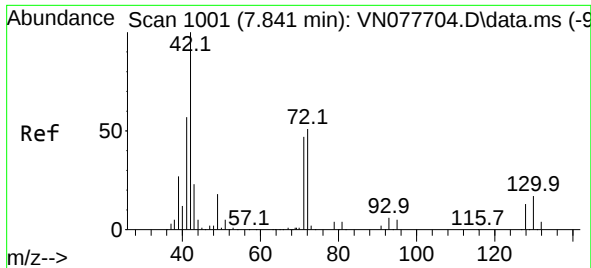
Reviewed By :John Carlone 05/25/2023
 Supervised By :Mahesh Dadoda 05/25/2023



#28
 Bromochloromethane
 Concen: 17.969 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN077809.D
 Acq: 23 May 2023 12:19

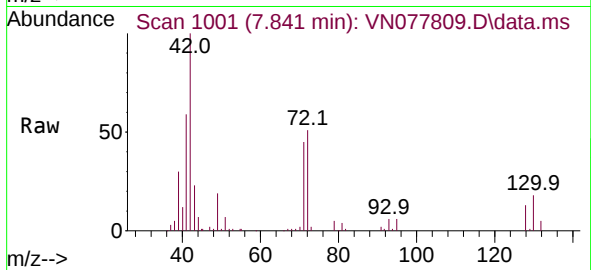
Tgt Ion: 49 Resp: 62067
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.8
 130 84.6 75.3 112.9





#29
Tetrahydrofuran
Concen: 88.050 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VN077809.D
Acq: 23 May 2023 12:19

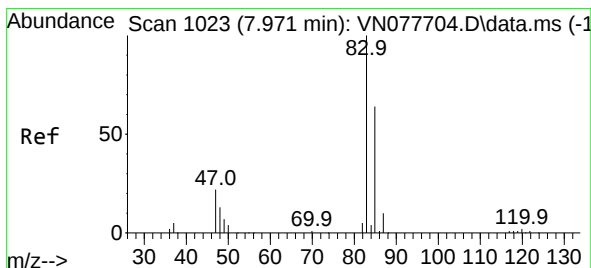
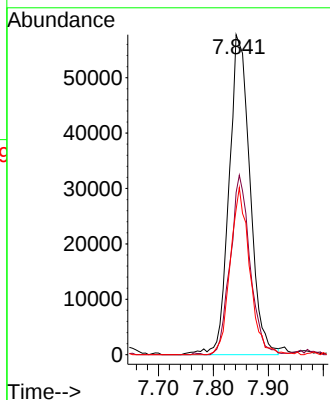
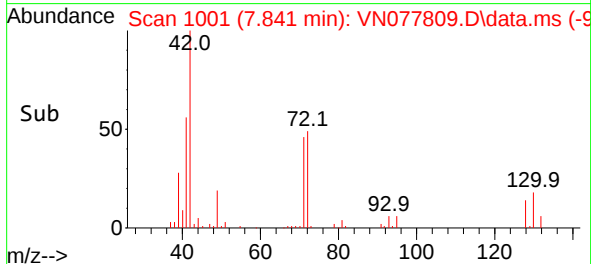
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBSD01



Tgt Ion: 42 Resp: 152824
Ion Ratio Lower Upper
42 100
72 52.9 49.8 74.6
71 48.5 47.4 71.2

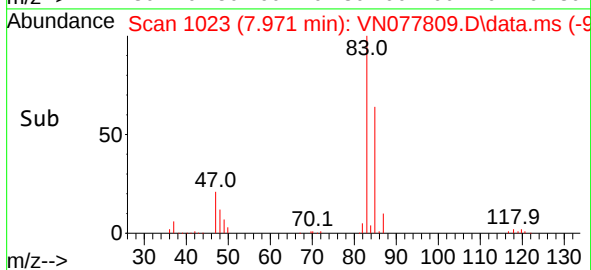
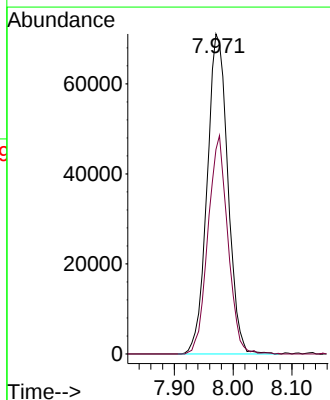
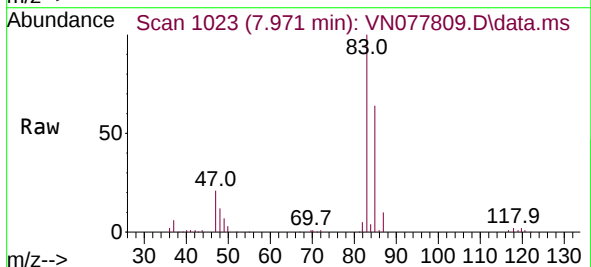
Manual Integrations
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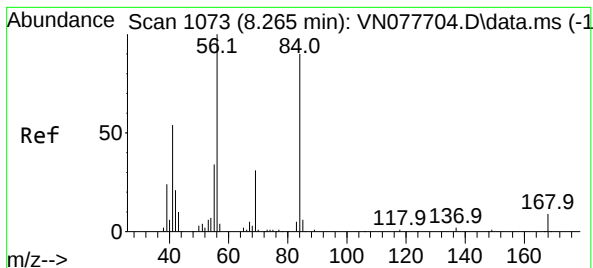
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#30
Chloroform
Concen: 19.833 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. -0.000 min
Lab File: VN077809.D
Acq: 23 May 2023 12:19

Tgt Ion: 83 Resp: 174244
Ion Ratio Lower Upper
83 100
85 63.9 55.4 83.0





#31

Cyclohexane

Concen: 17.748 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. -0.000 min

Lab File: VN077809.D

Acq: 23 May 2023 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN0523WBSD01

Tgt Ion: 56 Resp: 12992

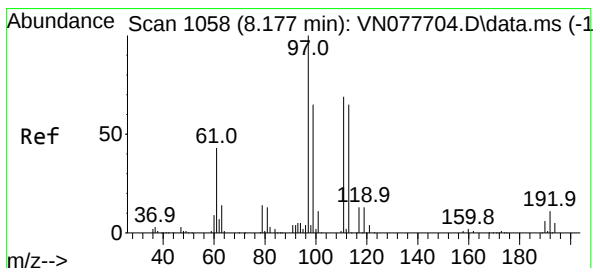
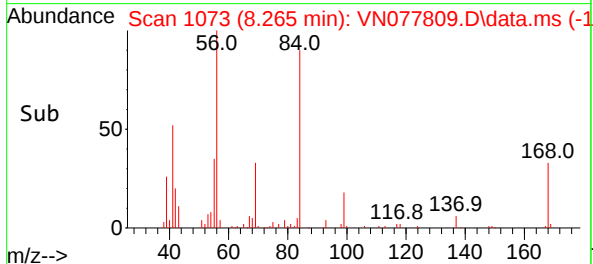
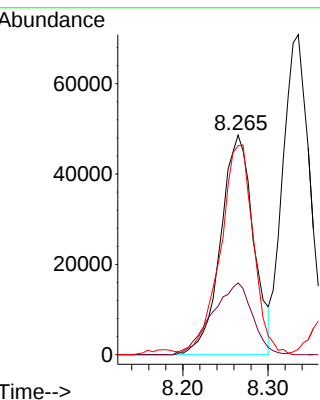
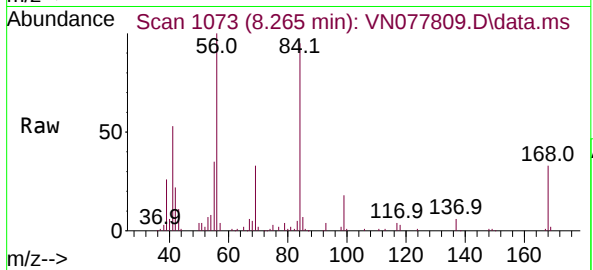
Ion	Ratio	Lower	Upper
56	100		
69	32.7	26.8	40.2
84	93.0	81.8	122.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#32

1,1,1-Trichloroethane

Concen: 19.891 ug/l

RT: 8.177 min Scan# 1058

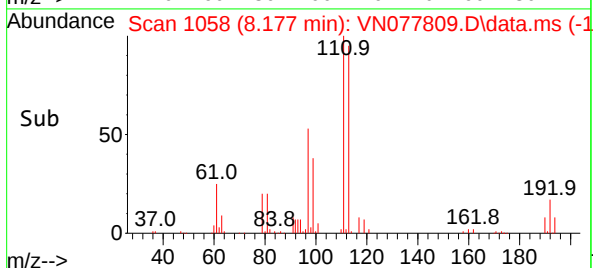
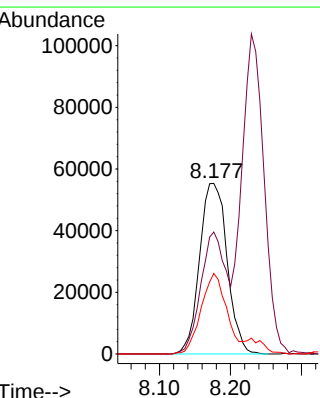
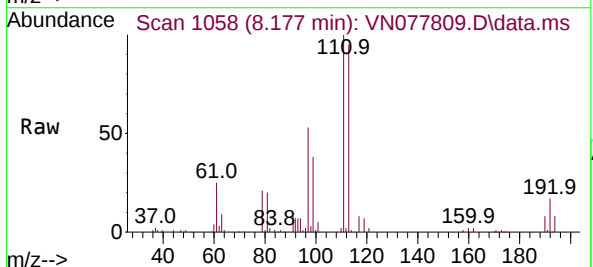
Delta R.T. 0.006 min

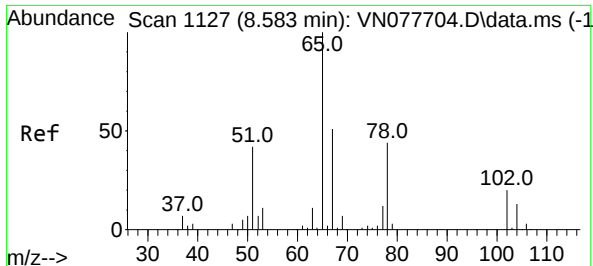
Lab File: VN077809.D

Acq: 23 May 2023 12:19

Tgt Ion: 97 Resp: 148579

Ion	Ratio	Lower	Upper
97	100		
99	66.0	50.3	75.5
61	44.3	34.7	52.1





#33

1,2-Dichloroethane-d4

Concen: 53.136 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN077809.D

Acq: 23 May 2023 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN0523WBSD01

Tgt Ion: 65 Resp: 286190

Ion Ratio Lower Upper

65 100

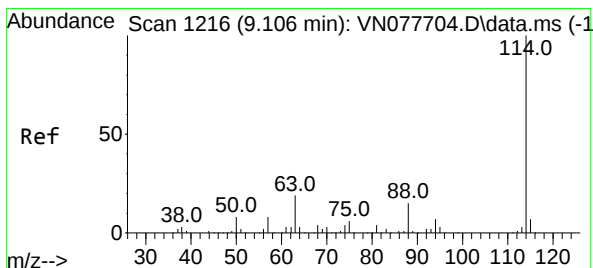
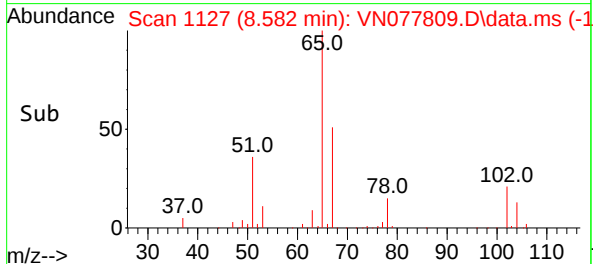
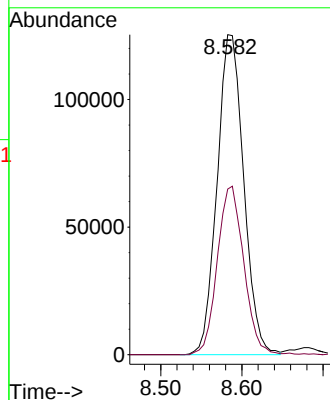
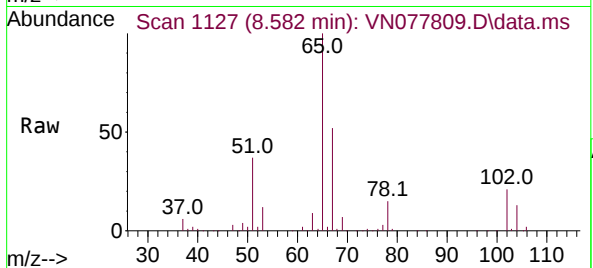
67 52.3 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN077809.D

Acq: 23 May 2023 12:19

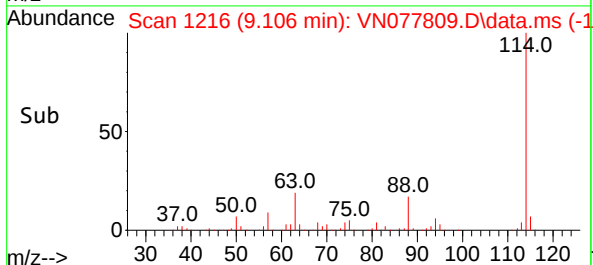
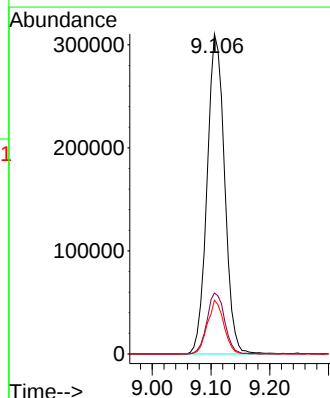
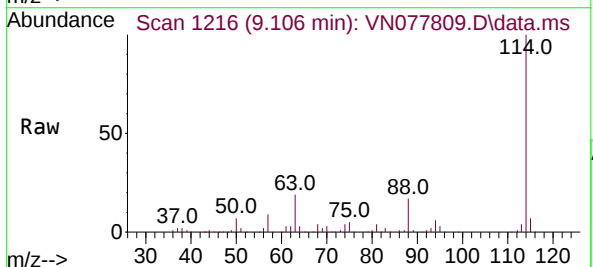
Tgt Ion:114 Resp: 641508

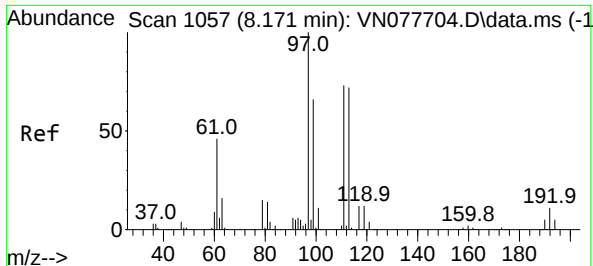
Ion Ratio Lower Upper

114 100

63 19.1 0.0 36.4

88 16.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 57.928 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN077809.D

Acq: 23 May 2023 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN0523WBSD01

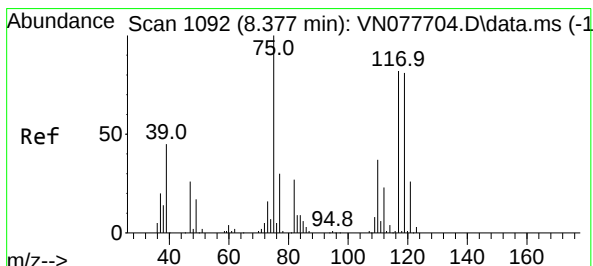
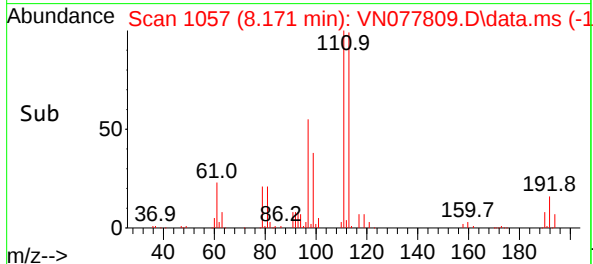
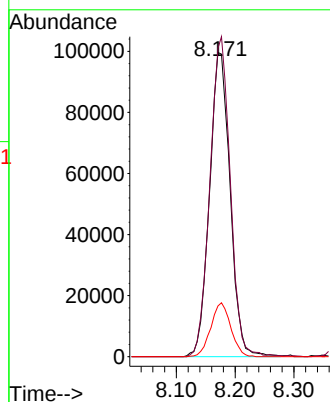
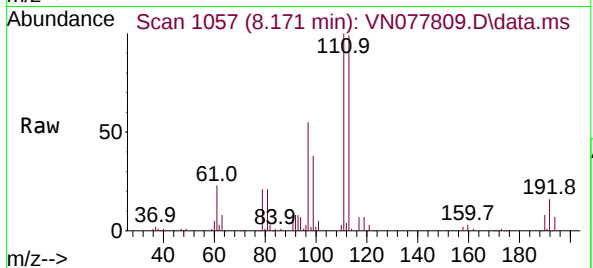
Tgt Ion:	113	Resp:	24232
Ion Ratio	Lower	Upper	
113	100		
111	103.6	82.6	123.8
192	17.2	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#36

1,1-Dichloropropene

Concen: 19.557 ug/l

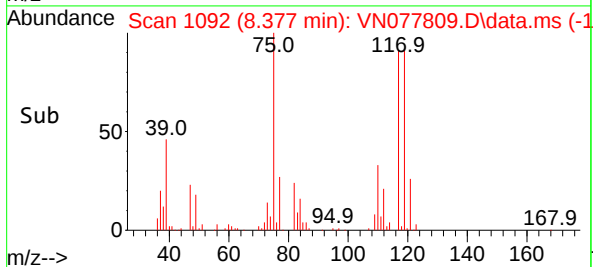
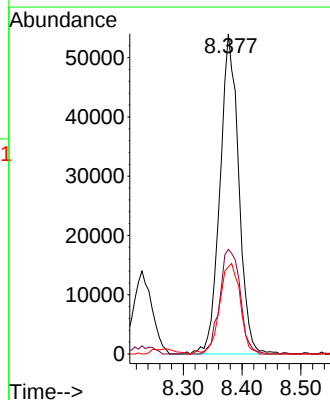
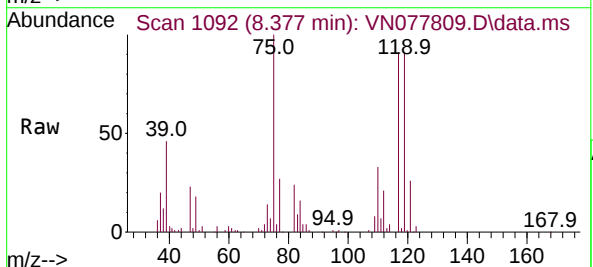
RT: 8.377 min Scan# 1092

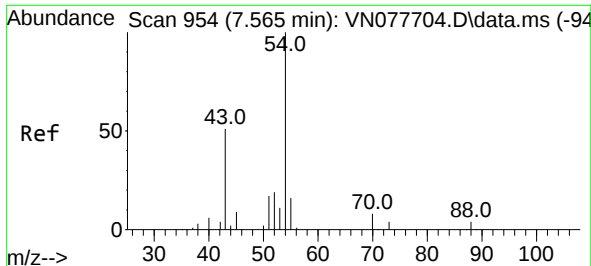
Delta R.T. -0.000 min

Lab File: VN077809.D

Acq: 23 May 2023 12:19

Tgt Ion:	75	Resp:	119662
Ion Ratio	Lower	Upper	
75	100		
110	35.7	19.1	57.3
77	30.9	25.0	37.4





#37

Ethyl Acetate

Concen: 18.394 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN077809.D

Acq: 23 May 2023 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN0523WBSD01

Tgt Ion: 43 Resp: 10031

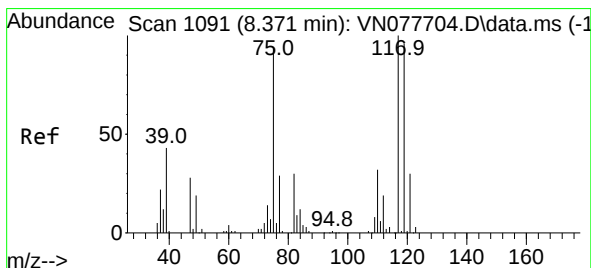
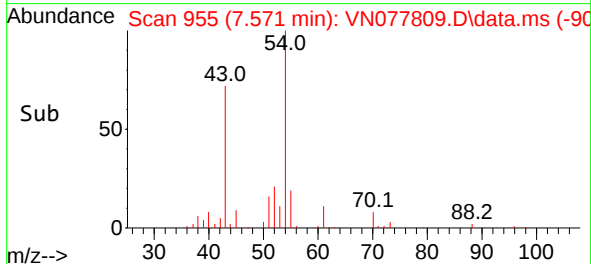
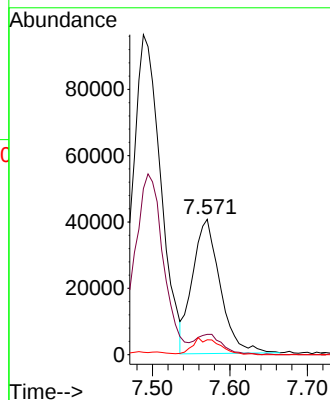
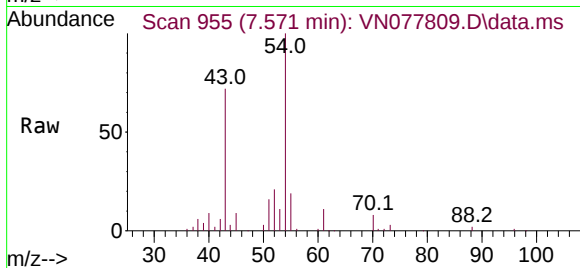
Ion	Ratio	Lower	Upper
43	100		
61	14.8	13.2	19.8
70	12.1	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#38

Carbon Tetrachloride

Concen: 21.050 ug/l

RT: 8.371 min Scan# 1091

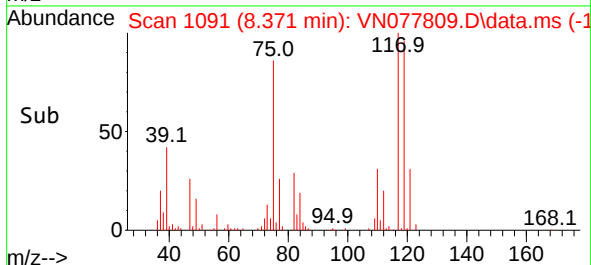
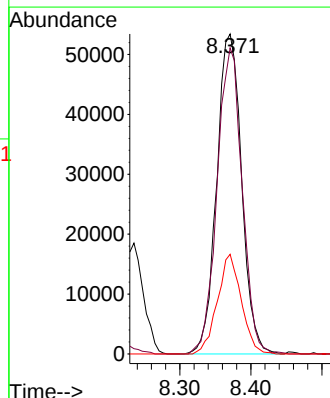
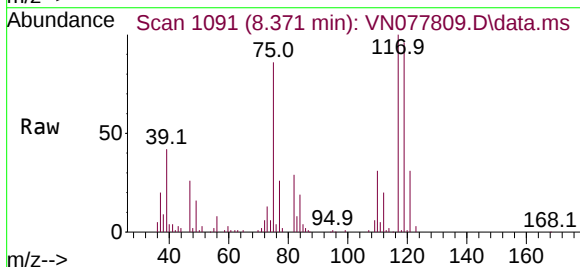
Delta R.T. -0.000 min

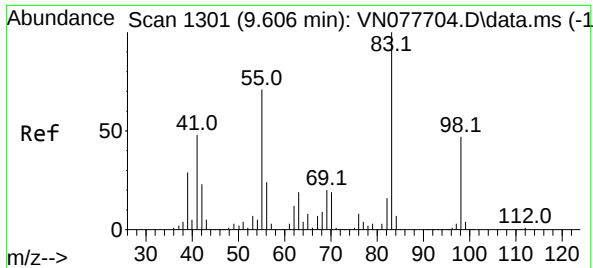
Lab File: VN077809.D

Acq: 23 May 2023 12:19

Tgt Ion:117 Resp: 130055

Ion	Ratio	Lower	Upper
117	100		
119	95.7	77.3	115.9
121	31.2	23.3	34.9





#39

Methylcyclohexane

Concen: 18.909 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077809.D

Acq: 23 May 2023 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN0523WBSD01

Tgt Ion: 83 Resp: 141640

Ion Ratio Lower Upper

83 100

55 71.8 49.1 73.7

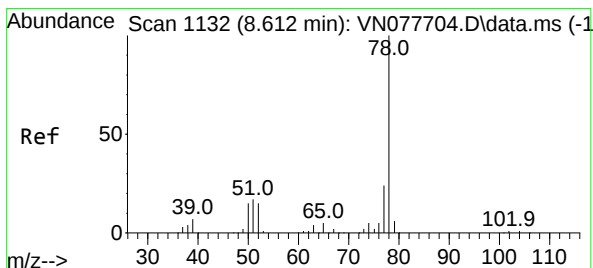
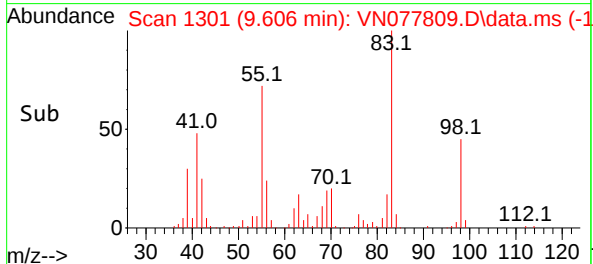
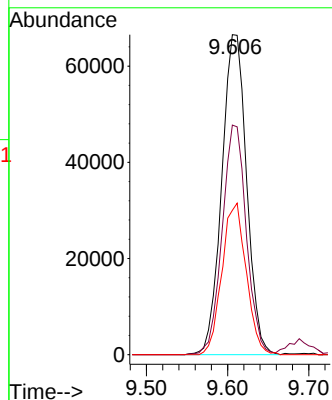
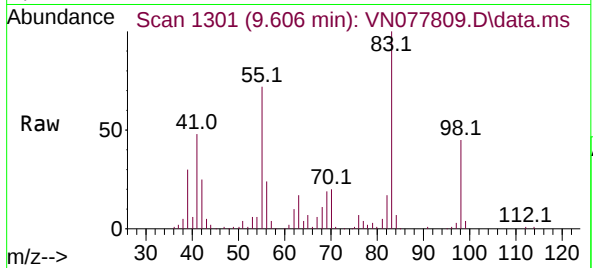
98 45.1 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#40

Benzene

Concen: 20.061 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN077809.D

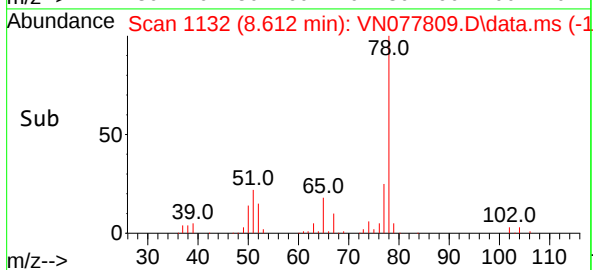
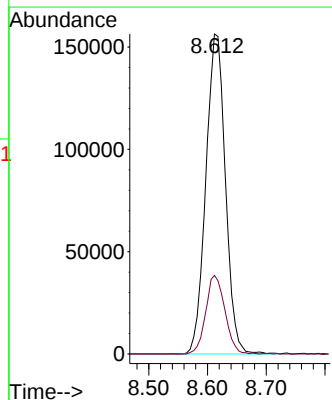
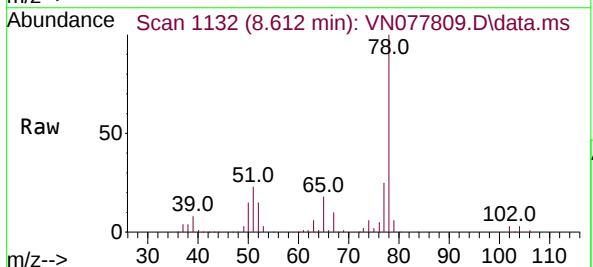
Acq: 23 May 2023 12:19

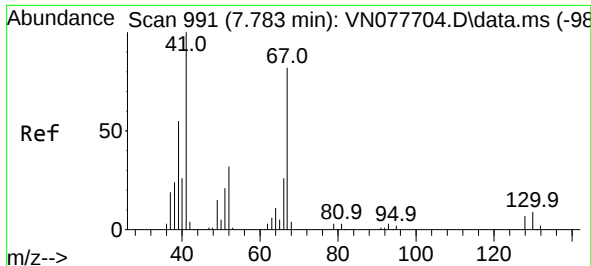
Tgt Ion: 78 Resp: 362222

Ion Ratio Lower Upper

78 100

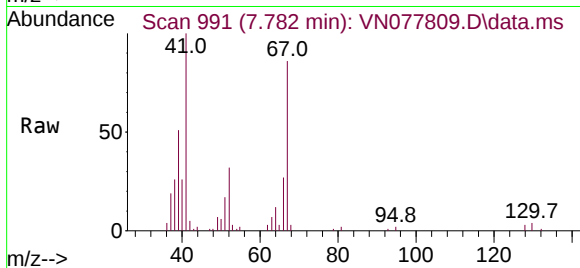
77 24.5 19.0 28.6





#41
Methacrylonitrile
Concen: 18.625 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN077809.D
Acq: 23 May 2023 12:19

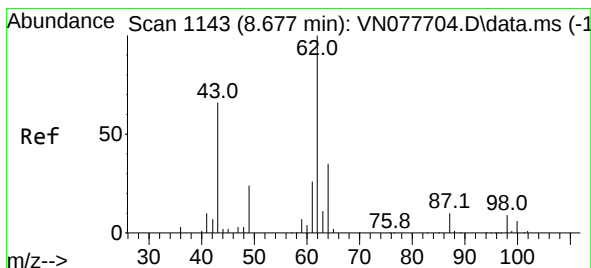
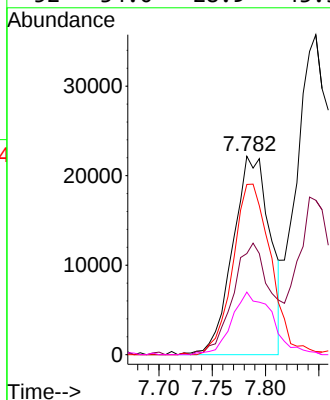
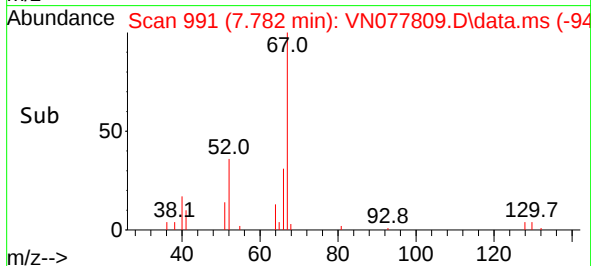
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBSD01



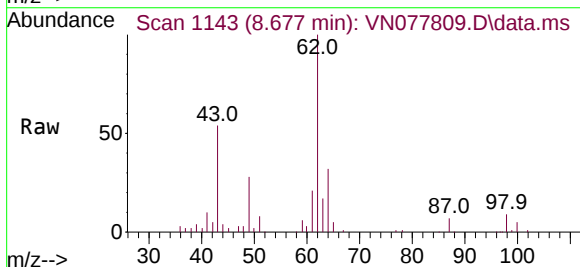
Tgt Ion: 41 Resp: 54094
Ion Ratio Lower Upper
41 100
39 59.0 42.6 64.0
67 87.5 77.5 116.3
52 34.0 28.9 43.3

Manual Integrations
APPROVED

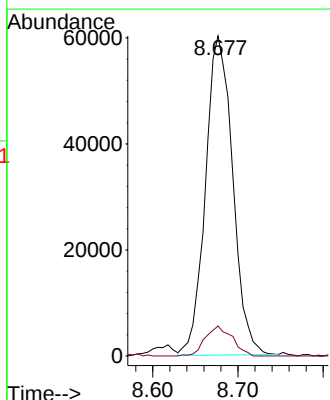
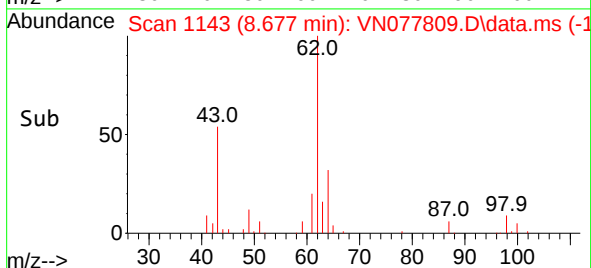
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

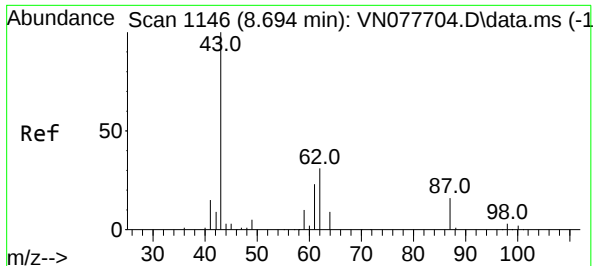


#42
1,2-Dichloroethane
Concen: 20.400 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN077809.D
Acq: 23 May 2023 12:19



Tgt Ion: 62 Resp: 133801
Ion Ratio Lower Upper
62 100
98 9.3 0.0 19.8





#43

Isopropyl Acetate

Concen: 19.985 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN077809.D

Acq: 23 May 2023 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN0523WBSD01

Tgt Ion: 43 Resp: 17802

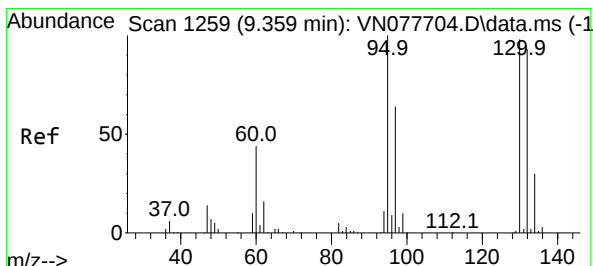
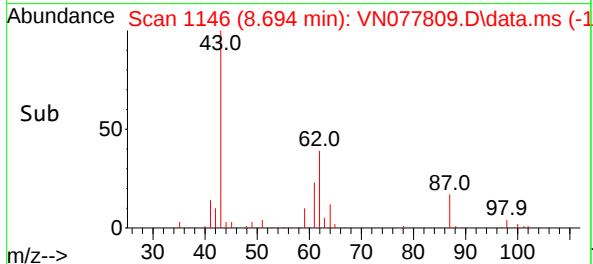
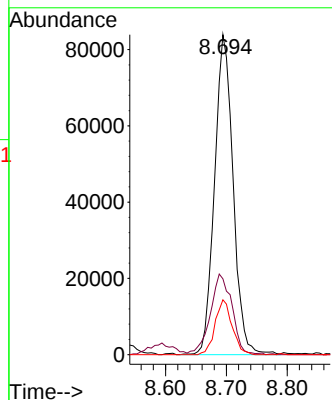
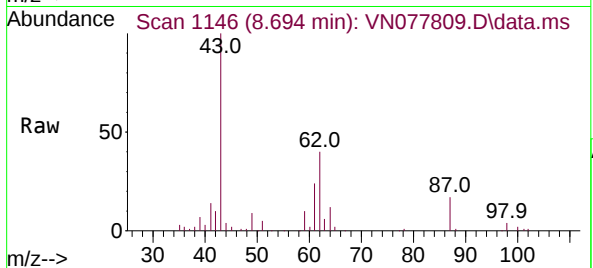
Ion	Ratio	Lower	Upper
43	100		
61	29.4	24.7	37.1
87	15.7	14.6	21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#44

Trichloroethene

Concen: 21.245 ug/l

RT: 9.359 min Scan# 1259

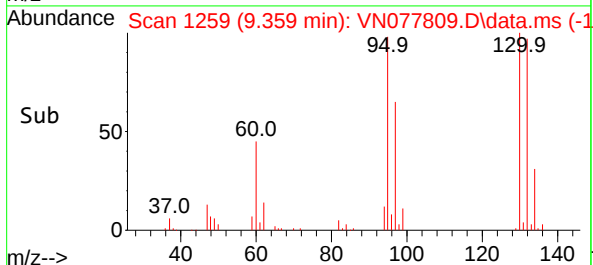
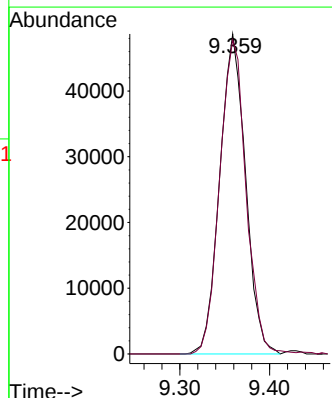
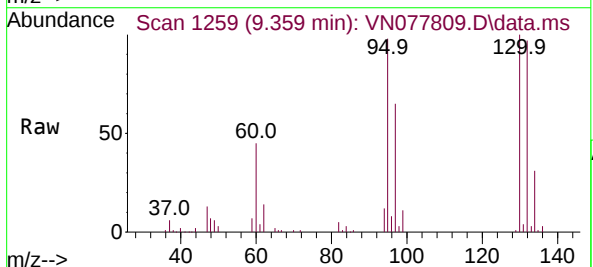
Delta R.T. -0.000 min

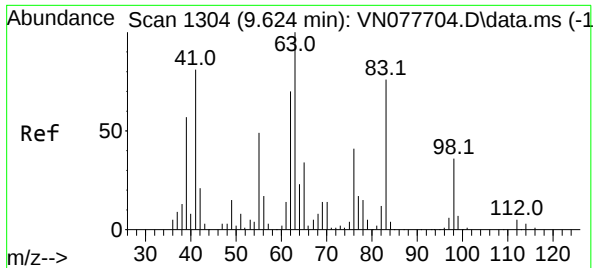
Lab File: VN077809.D

Acq: 23 May 2023 12:19

Tgt Ion:130 Resp: 97130

Ion	Ratio	Lower	Upper
130	100		
95	98.1	0.0	204.6





#45

1,2-Dichloropropane

Concen: 21.111 ug/l

RT: 9.629 min Scan# 1305

Delta R.T. 0.005 min

Lab File: VN077809.D

Acq: 23 May 2023 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN0523WBSD01

Tgt Ion: 63 Resp: 97220

Ion Ratio Lower Upper

63 100

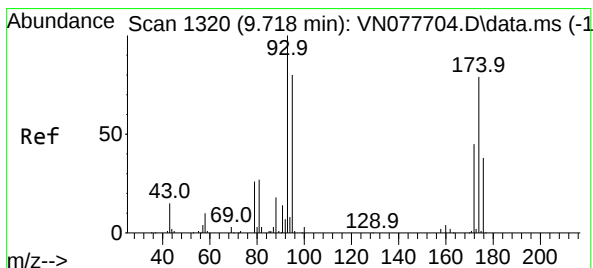
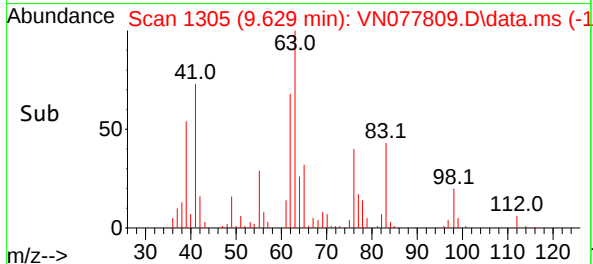
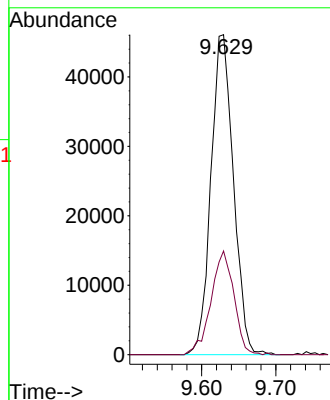
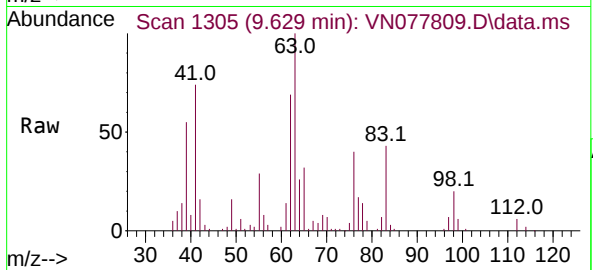
65 32.4 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#46

Dibromomethane

Concen: 20.193 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN077809.D

Acq: 23 May 2023 12:19

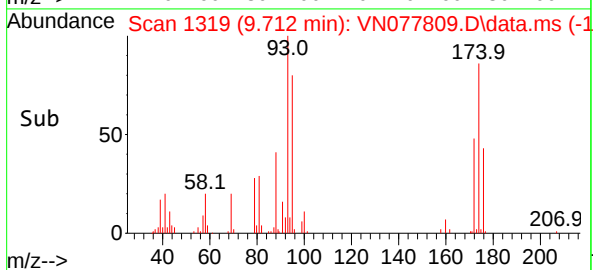
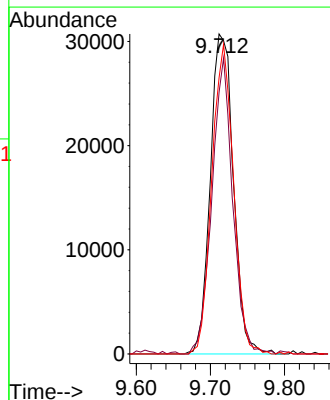
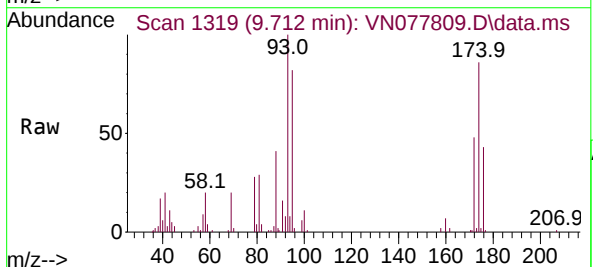
Tgt Ion: 93 Resp: 66548

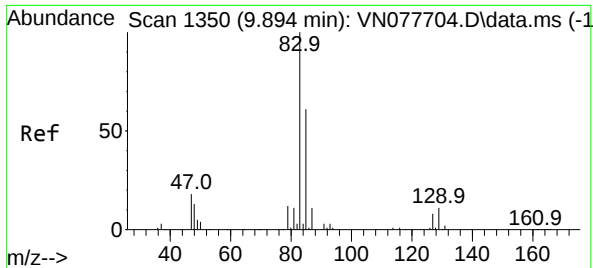
Ion Ratio Lower Upper

93 100

95 83.5 63.8 95.8

174 90.8 65.6 98.4





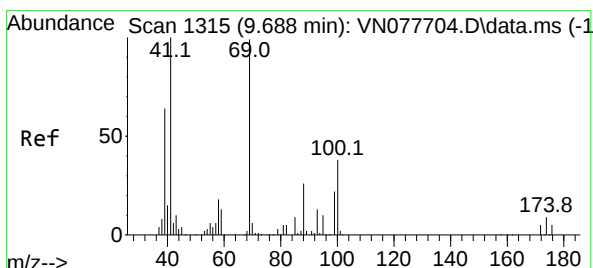
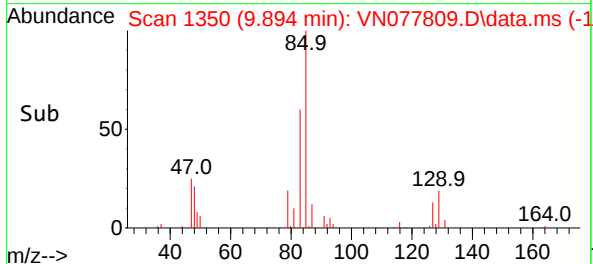
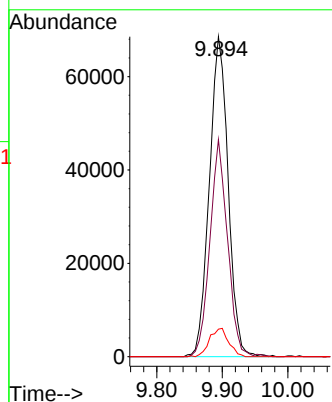
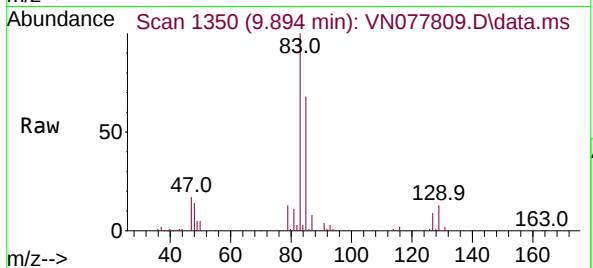
#47
Bromodichloromethane
Concen: 21.690 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN077809.D
Acq: 23 May 2023 12:19

Instrument :
MSVOA_N
ClientSampleId :
VN0523WBSD01

Tgt Ion: 83 Resp: 13684
Ion Ratio Lower Upper
83 100
85 67.8 49.6 74.4
127 8.6 7.0 10.6

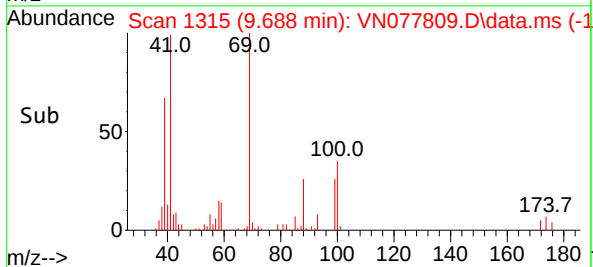
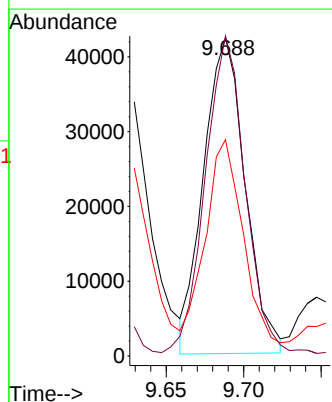
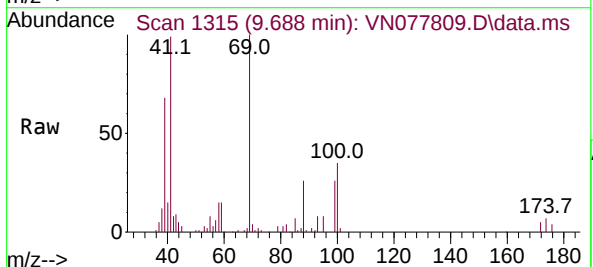
Manual Integrations
APPROVED

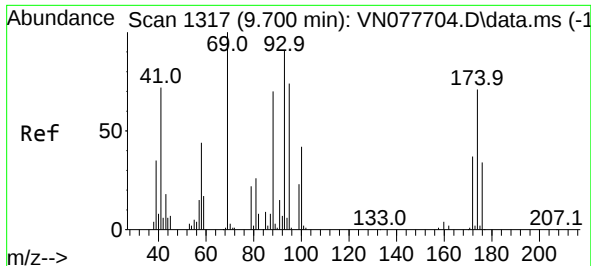
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#48
Methyl methacrylate
Concen: 18.637 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN077809.D
Acq: 23 May 2023 12:19

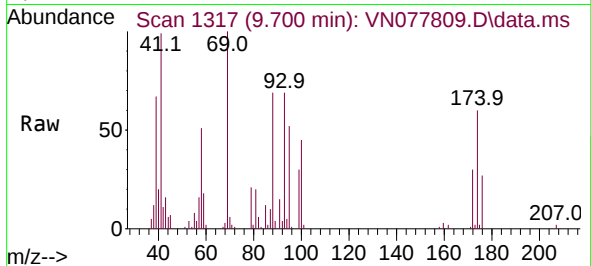
Tgt Ion: 41 Resp: 78710
Ion Ratio Lower Upper
41 100
69 99.9 90.4 135.6
39 65.0 54.6 81.8





#49
1,4-Dioxane
Concen: 415.894 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. 0.006 min
Lab File: VN077809.D
Acq: 23 May 2023 12:19

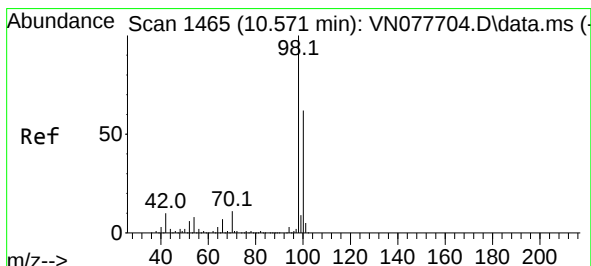
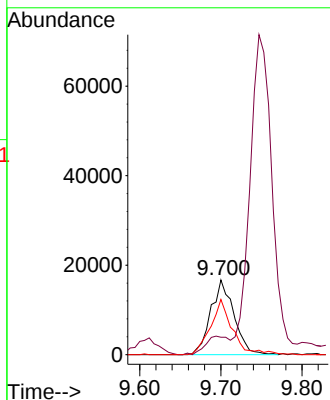
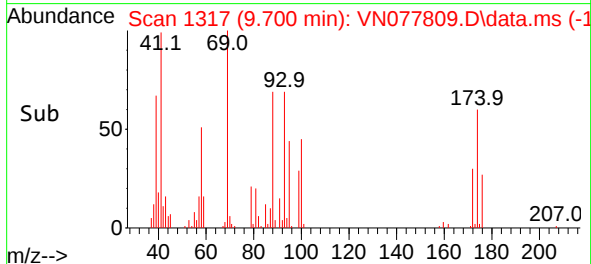
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBSD01



Tgt Ion: 88 Resp: 3317
Ion Ratio Lower Upper
88 100
43 25.4 17.0 25.6
58 70.6 47.0 70.4

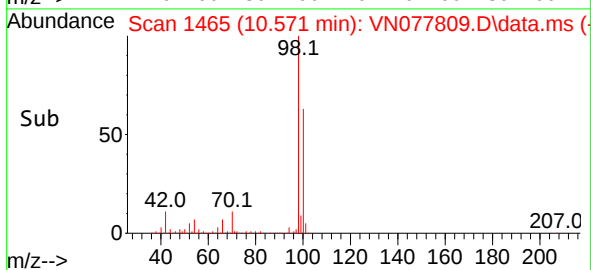
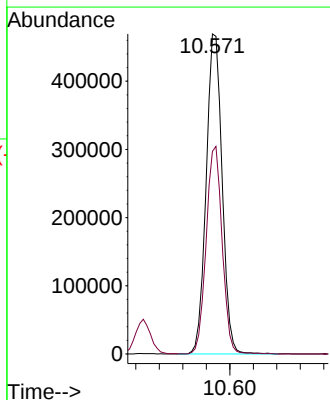
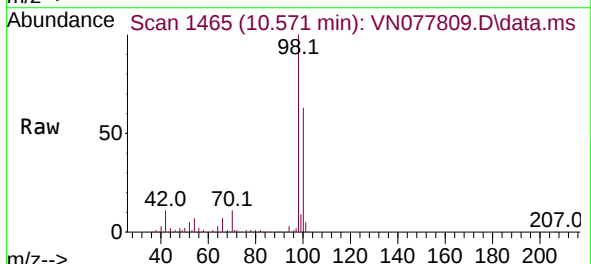
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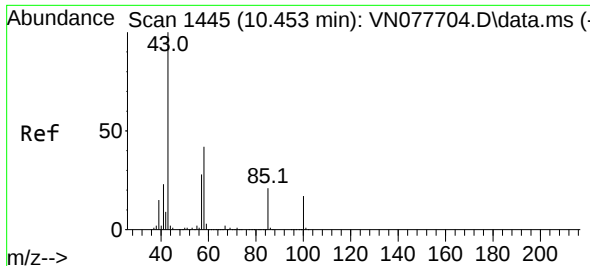
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#50
Toluene-d8
Concen: 54.929 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN077809.D
Acq: 23 May 2023 12:19

Tgt Ion: 98 Resp: 884439
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0





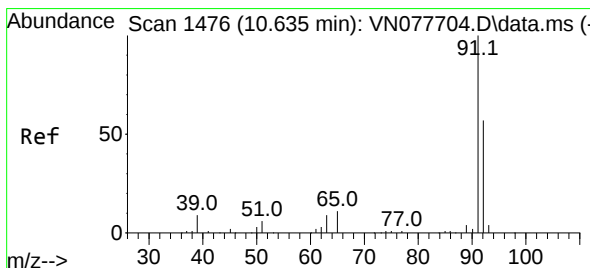
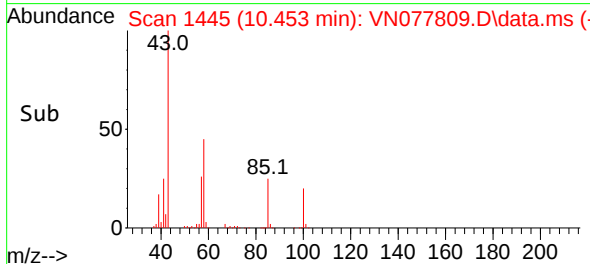
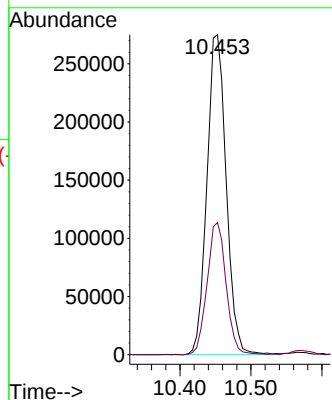
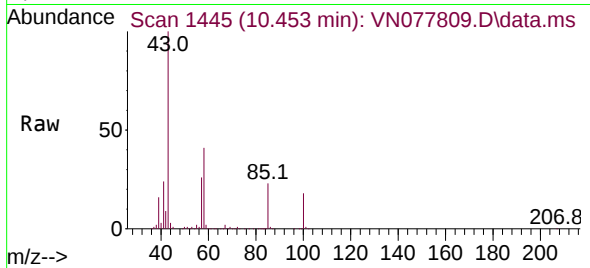
#51
4-Methyl-2-Pentanone
Concen: 98.072 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN077809.D
Acq: 23 May 2023 12:19

Instrument :
MSVOA_N
ClientSampleId :
VN0523WBSD01

Tgt Ion: 43 Resp: 51928
Ion Ratio Lower Upper
43 100
58 40.7 36.6 54.8

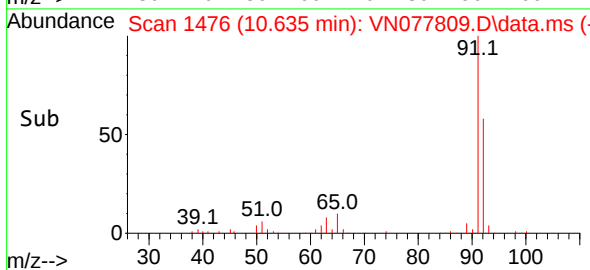
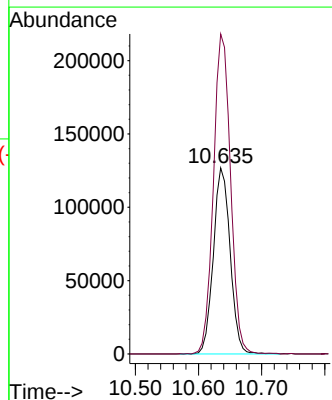
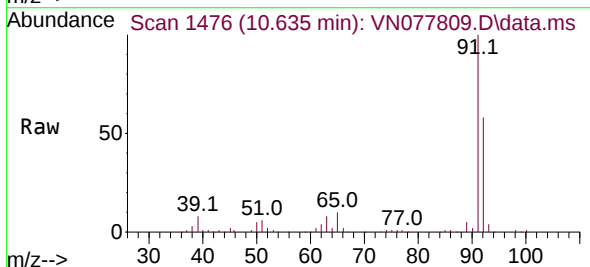
Manual Integrations
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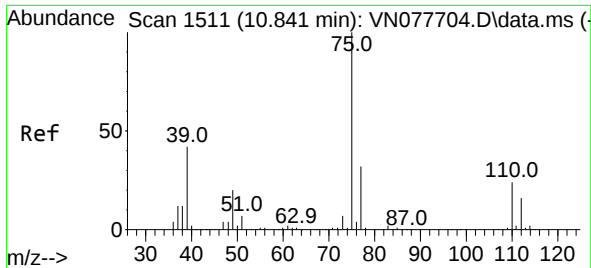
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#52
Toluene
Concen: 20.829 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN077809.D
Acq: 23 May 2023 12:19

Tgt Ion: 92 Resp: 234132
Ion Ratio Lower Upper
92 100
91 175.3 137.4 206.0





#53
 t-1,3-Dichloropropene
 Concen: 20.625 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN077809.D
 Acq: 23 May 2023 12:19

Instrument :

MSVOA_N

ClientSampleId :

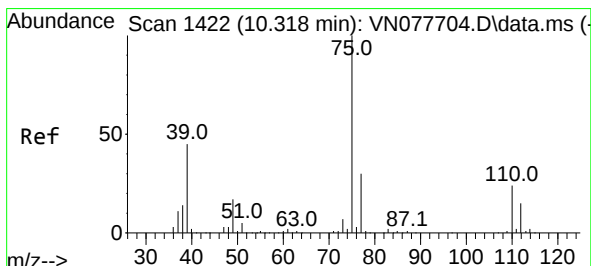
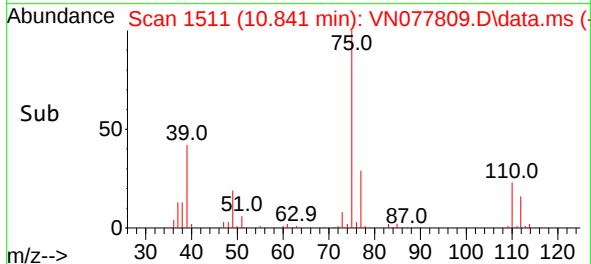
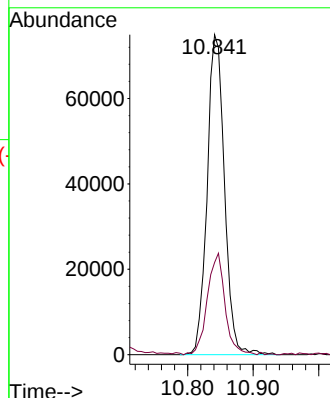
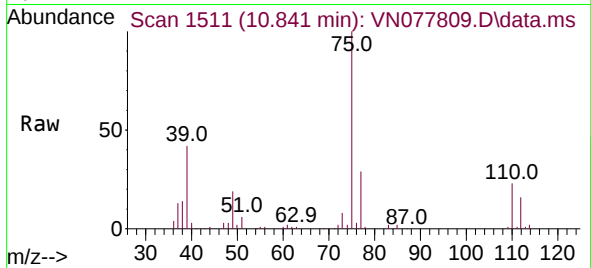
VN0523WBSD01

Tgt Ion: 75 Resp: 137800
 Ion Ratio Lower Upper
 75 100
 77 28.8 25.4 38.0

Manual Integrations

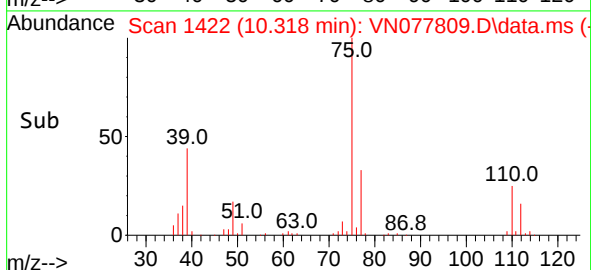
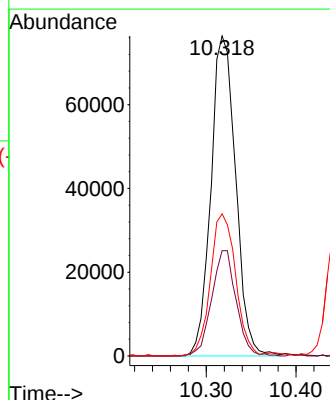
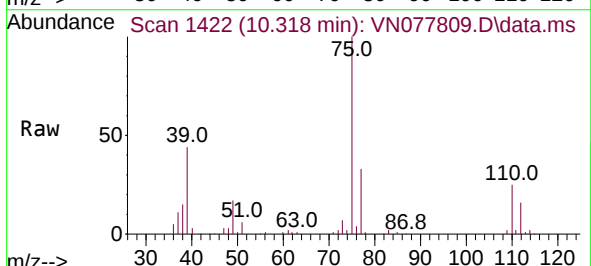
APPROVED

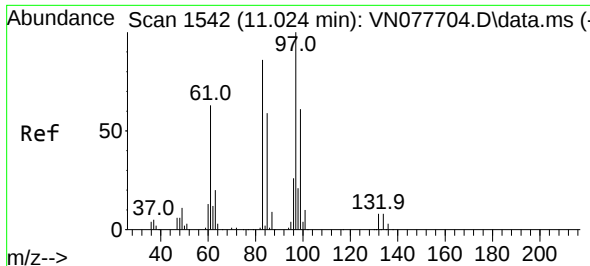
Reviewed By :John Carlone 05/25/2023
 Supervised By :Mahesh Dadoda 05/25/2023



#54
 cis-1,3-Dichloropropene
 Concen: 19.901 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN077809.D
 Acq: 23 May 2023 12:19

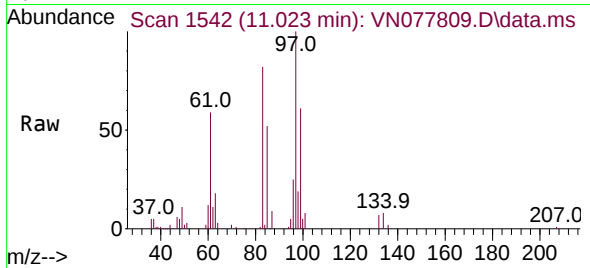
Tgt Ion: 75 Resp: 146530
 Ion Ratio Lower Upper
 75 100
 77 32.9 26.1 39.1
 39 43.7 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 22.509 ug/l
RT: 11.023 min Scan# 1542
Delta R.T. 0.000 min
Lab File: VN077809.D
Acq: 23 May 2023 12:19

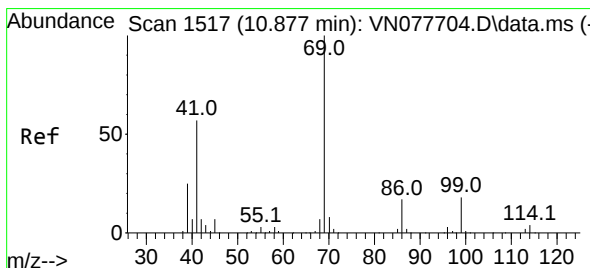
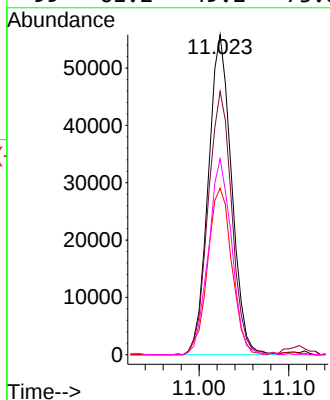
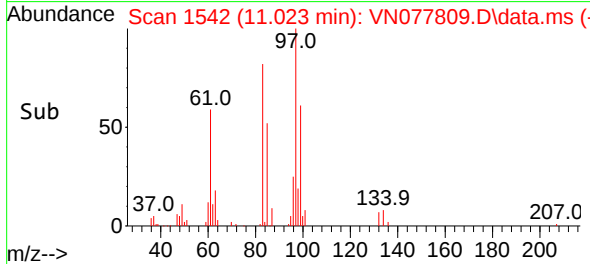
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBSD01



Tgt Ion:	97	Resp:	100462
Ion Ratio	100	Lower	Upper
97	100		
83	81.9	65.1	97.7
85	52.0	43.4	65.2
99	61.2	49.2	73.8

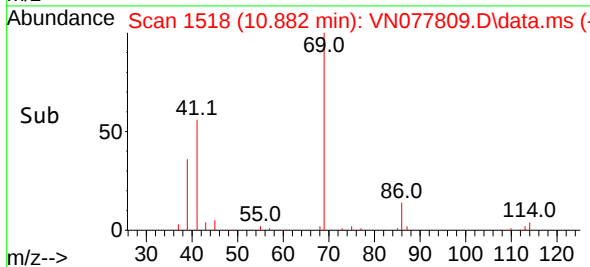
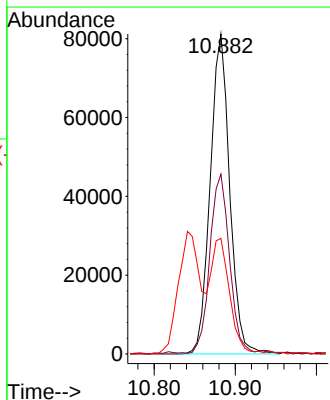
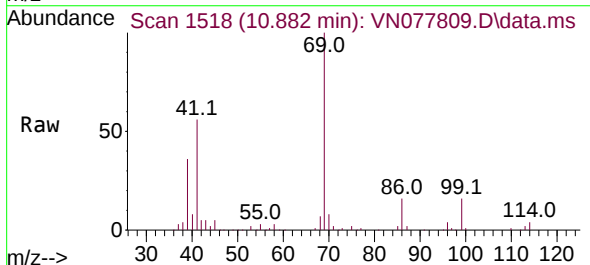
Manual Integrations
APPROVED

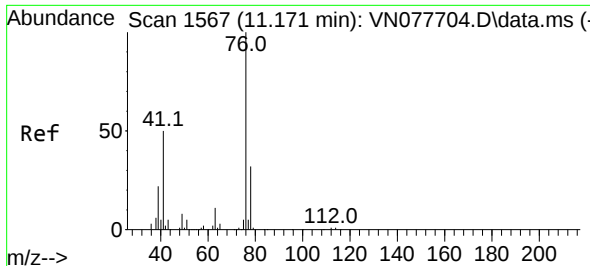
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#56
Ethyl methacrylate
Concen: 20.068 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN077809.D
Acq: 23 May 2023 12:19

Tgt Ion:	69	Resp:	135423
Ion Ratio	100	Lower	Upper
69	100		
41	56.1	39.6	59.4
39	33.2	28.6	43.0





#57

1,3-Dichloropropane

Concen: 20.966 ug/l

RT: 11.170 min Scan# 1567

Delta R.T. -0.001 min

Lab File: VN077809.D

Acq: 23 May 2023 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN0523WBSD01

Tgt Ion: 76 Resp: 160418

Ion Ratio Lower Upper

76 100

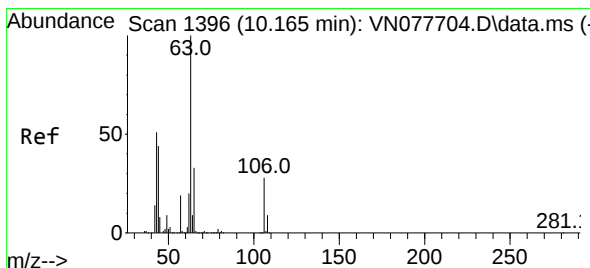
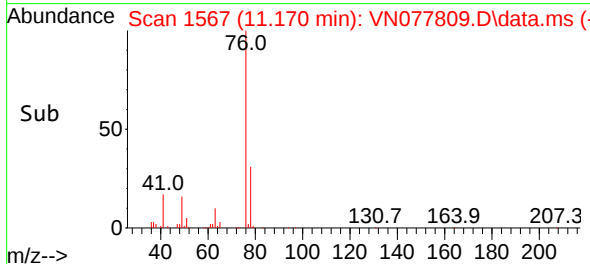
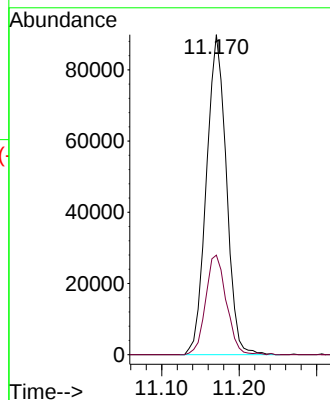
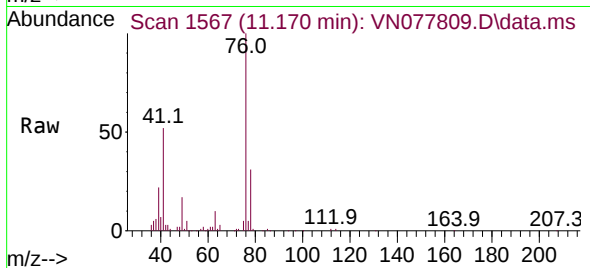
78 32.3 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#58

2-Chloroethyl Vinyl ether

Concen: 86.520 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN077809.D

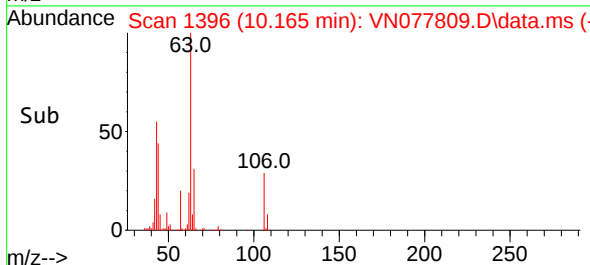
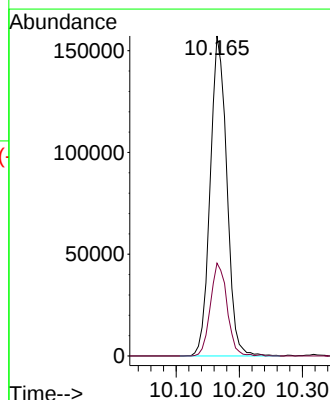
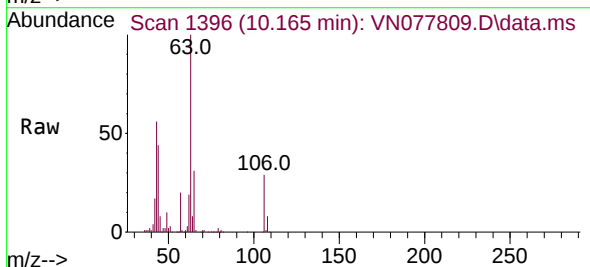
Acq: 23 May 2023 12:19

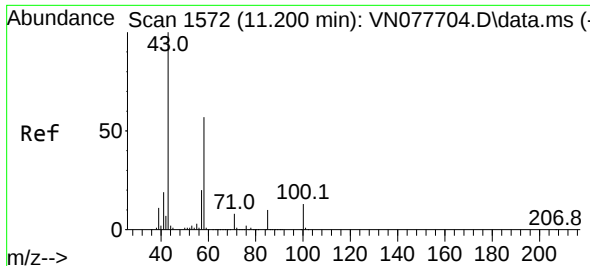
Tgt Ion: 63 Resp: 287240

Ion Ratio Lower Upper

63 100

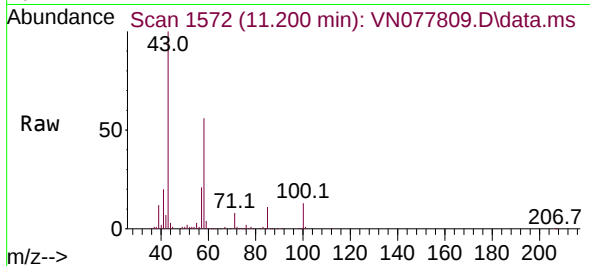
106 29.1 26.2 39.4





#59
2-Hexanone
Concen: 90.795 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077809.D
Acq: 23 May 2023 12:19

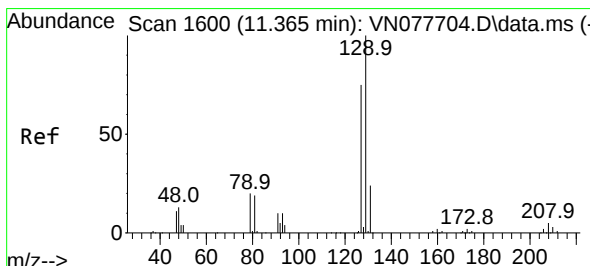
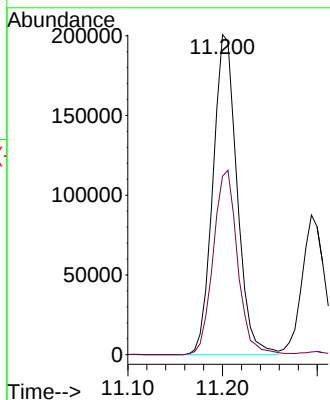
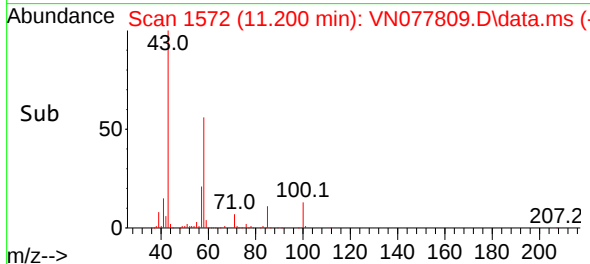
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBSD01



Tgt Ion: 43 Resp: 35559
Ion Ratio Lower Upper
43 100
58 58.4 31.7 95.1

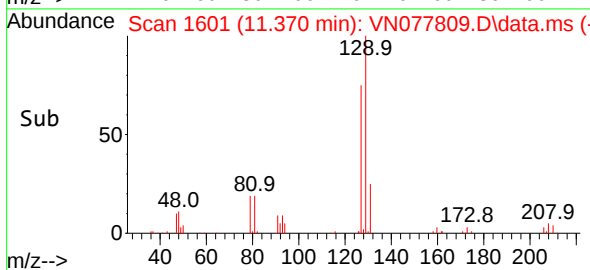
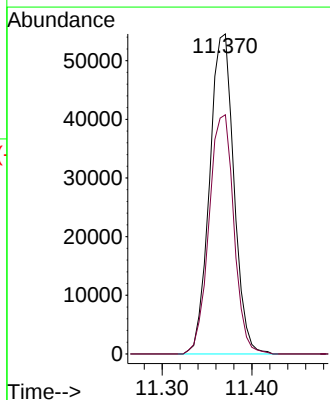
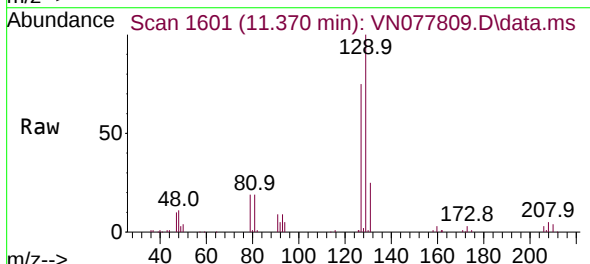
Manual Integrations
APPROVED

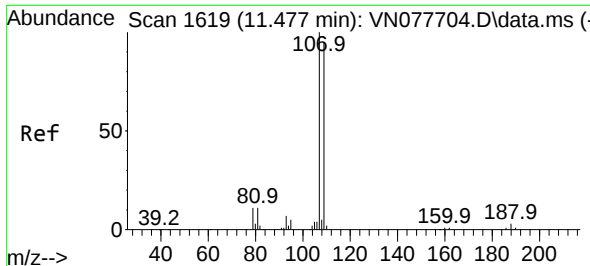
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#60
Dibromochloromethane
Concen: 22.269 ug/l
RT: 11.370 min Scan# 1601
Delta R.T. 0.005 min
Lab File: VN077809.D
Acq: 23 May 2023 12:19

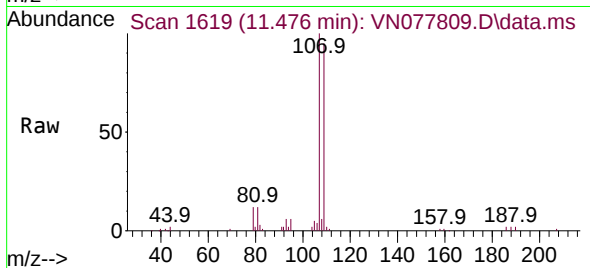
Tgt Ion:129 Resp: 102607
Ion Ratio Lower Upper
129 100
127 76.3 38.6 116.0





#61
1,2-Dibromoethane
Concen: 21.538 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN077809.D
Acq: 23 May 2023 12:19

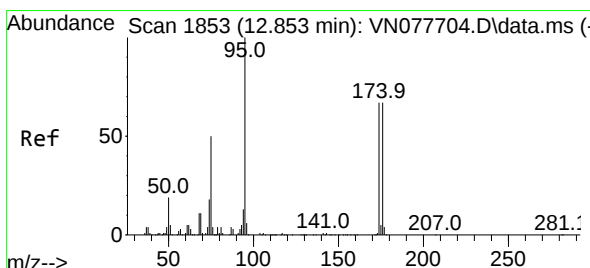
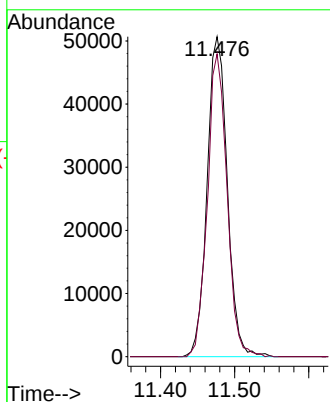
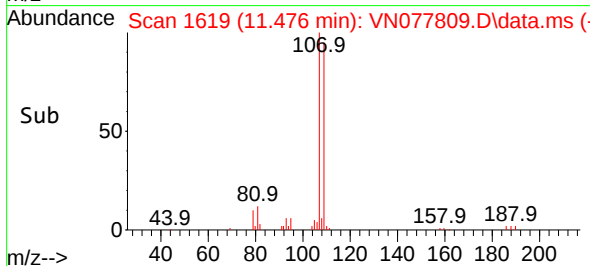
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBSD01



Tgt Ion:107 Resp: 9590
Ion Ratio Lower Upper
107 100
109 92.0 76.6 114.8

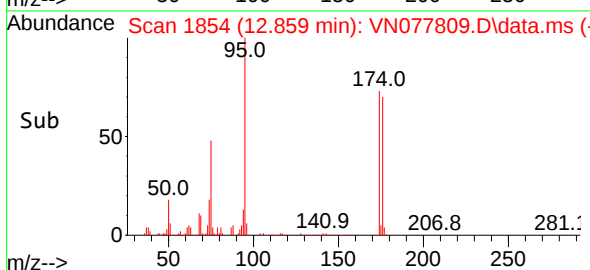
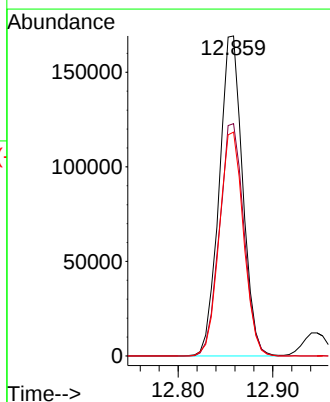
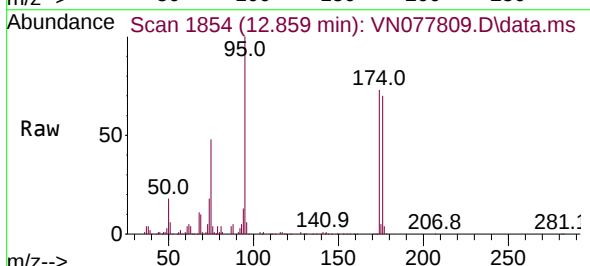
Manual Integrations
APPROVED

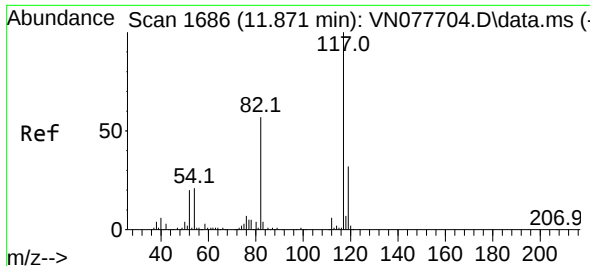
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#62
4-Bromofluorobenzene
Concen: 51.358 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077809.D
Acq: 23 May 2023 12:19

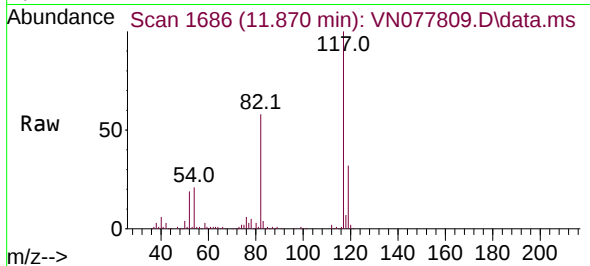
Tgt Ion: 95 Resp: 292057
Ion Ratio Lower Upper
95 100
174 75.2 0.0 143.8
176 72.0 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN077809.D
Acq: 23 May 2023 12:19

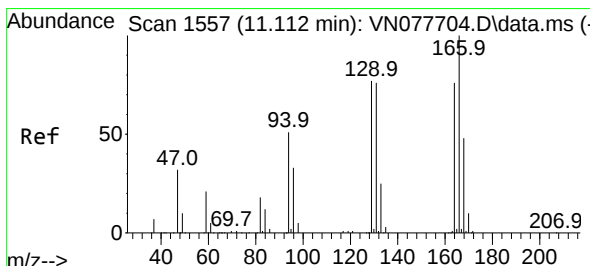
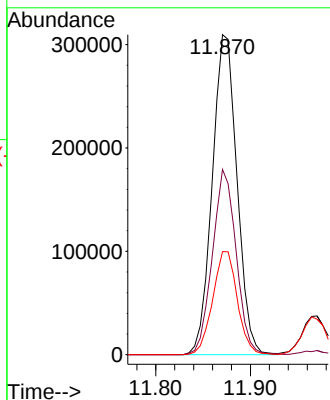
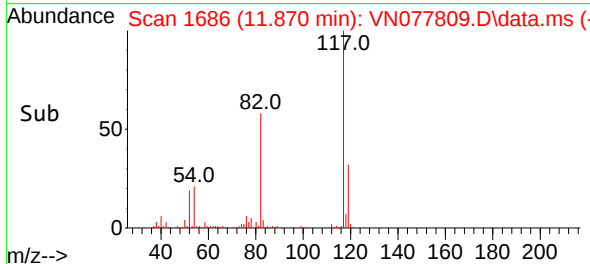
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBSD01



Tgt Ion:117 Resp: 562429
Ion Ratio Lower Upper
117 100
82 57.9 44.0 66.0
119 32.2 25.6 38.4

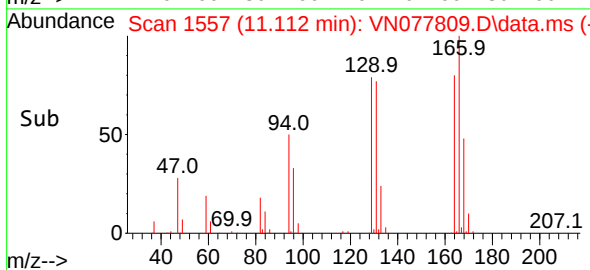
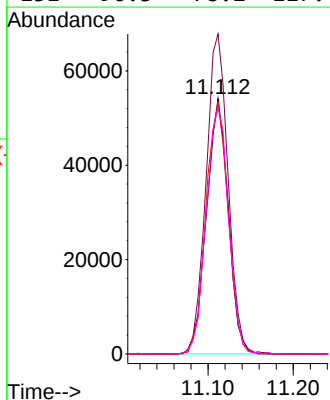
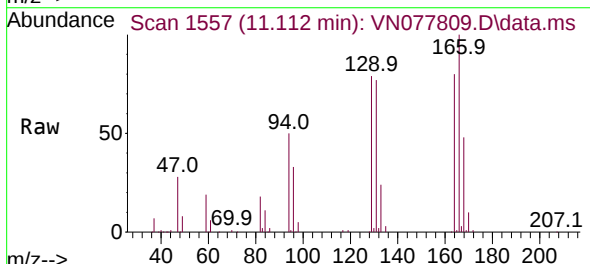
Manual Integrations
APPROVED

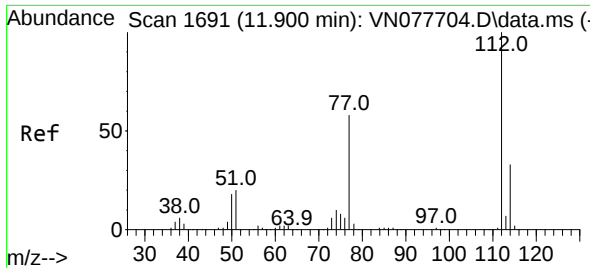
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#64
Tetrachloroethene
Concen: 24.485 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN077809.D
Acq: 23 May 2023 12:19

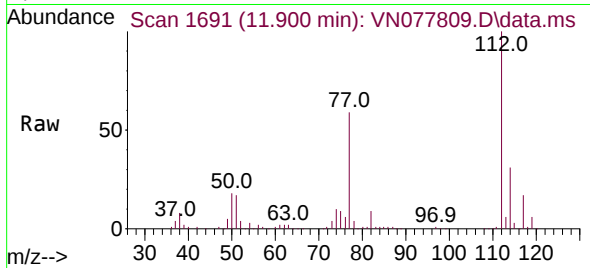
Tgt Ion:164 Resp: 96306
Ion Ratio Lower Upper
164 100
166 125.3 101.4 152.0
129 98.7 82.4 123.6
131 96.3 78.2 117.4





#65
Chlorobenzene
Concen: 20.801 ug/l
RT: 11.900 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN077809.D
Acq: 23 May 2023 12:19

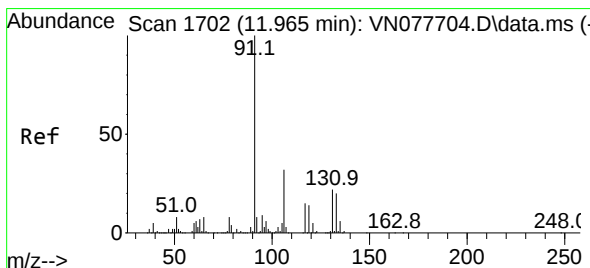
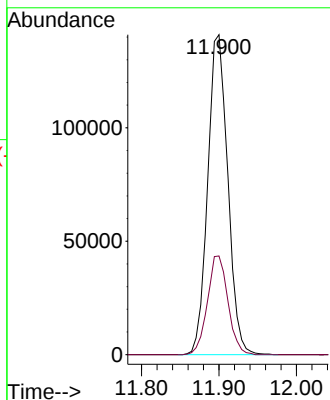
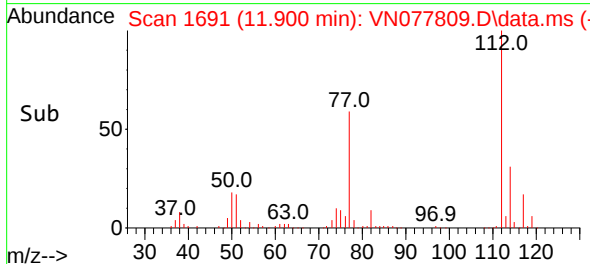
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBSD01



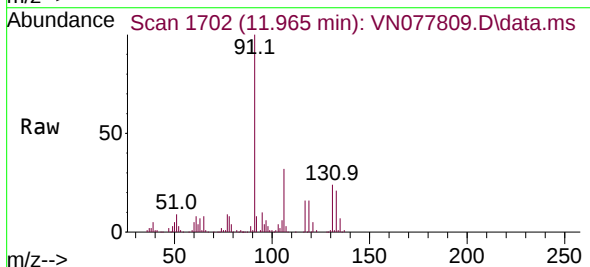
Tgt Ion:112 Resp: 253624
Ion Ratio Lower Upper
112 100
114 30.9 25.0 37.4

Manual Integrations
APPROVED

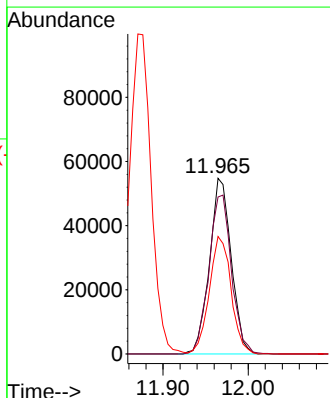
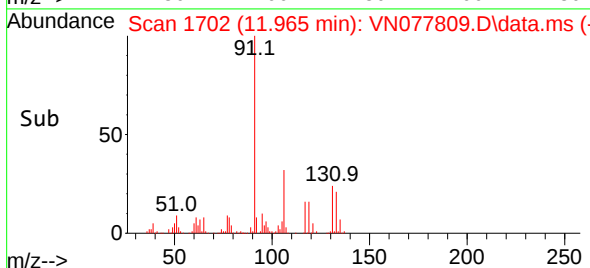
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

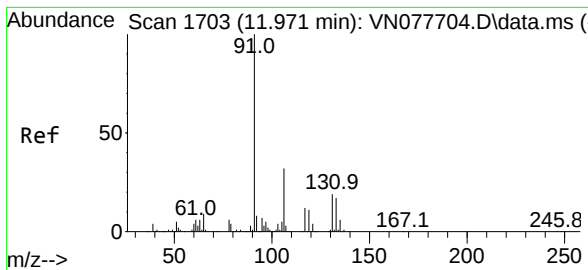


#66
1,1,1,2-Tetrachloroethane
Concen: 22.962 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN077809.D
Acq: 23 May 2023 12:19



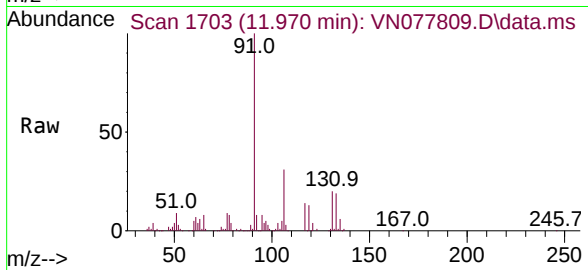
Tgt Ion:131 Resp: 96874
Ion Ratio Lower Upper
131 100
133 94.1 46.4 139.1
119 67.3 34.1 102.2





#67
Ethyl Benzene
Concen: 20.137 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN077809.D
Acq: 23 May 2023 12:19

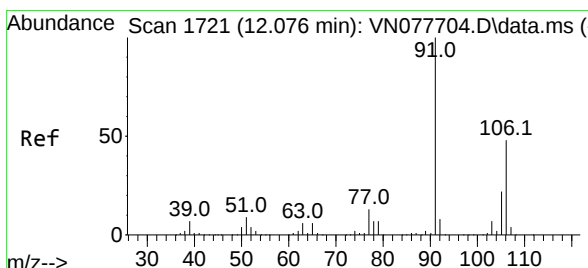
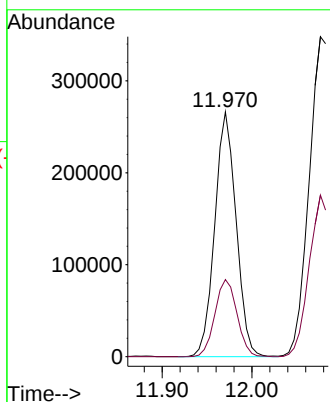
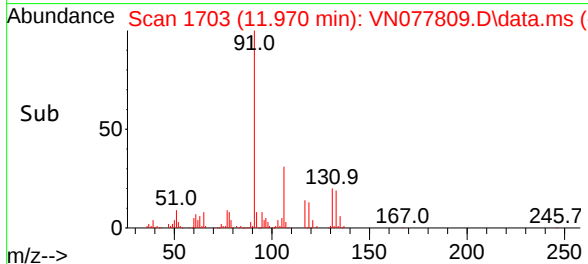
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBSD01



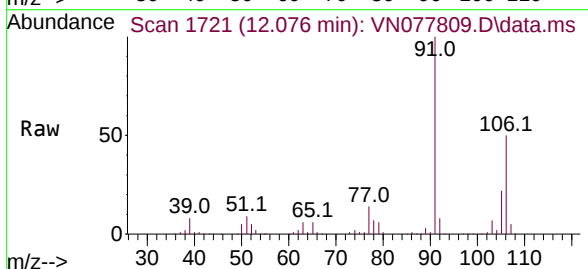
Tgt Ion: 91 Resp: 439998
Ion Ratio Lower Upper
91 100
106 31.5 25.6 38.4

Manual Integrations
APPROVED

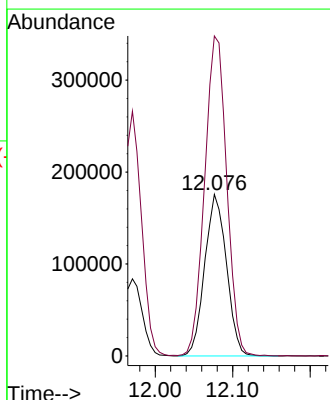
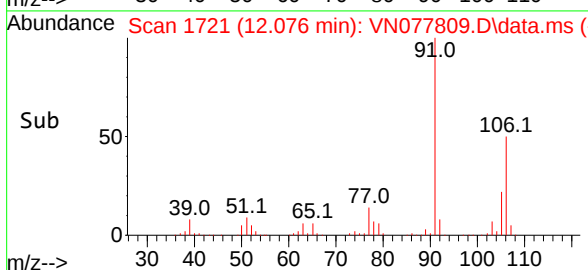
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

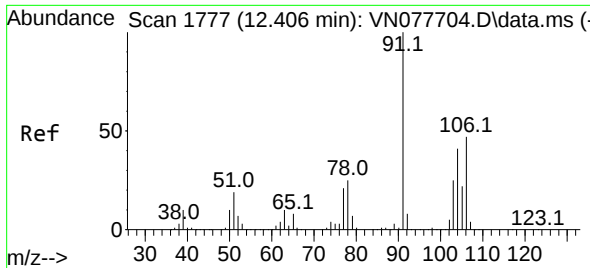


#68
m/p-Xylenes
Concen: 41.434 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN077809.D
Acq: 23 May 2023 12:19



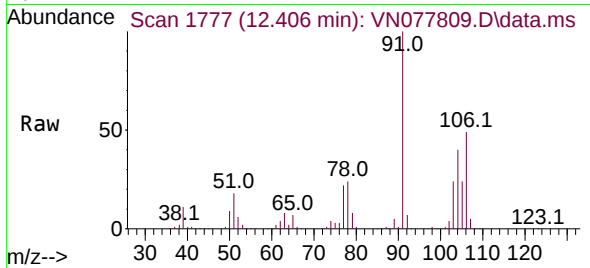
Tgt Ion:106 Resp: 343041
Ion Ratio Lower Upper
106 100
91 200.6 159.6 239.4





#69
o-Xylene
Concen: 21.597 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN077809.D
Acq: 23 May 2023 12:19

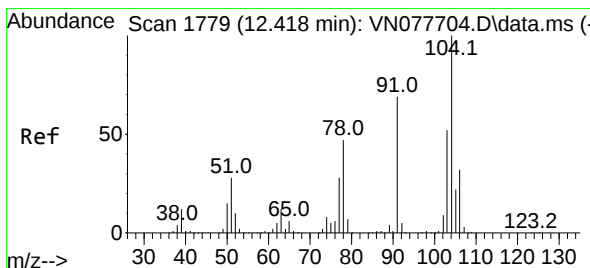
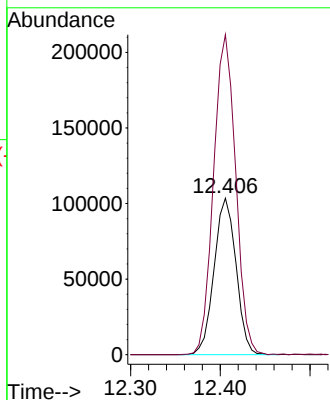
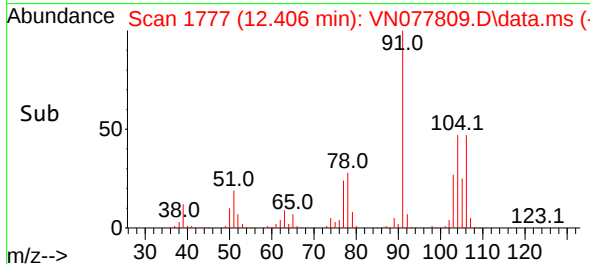
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBSD01



Tgt Ion:106 Resp: 175844
Ion Ratio Lower Upper
106 100
91 206.5 105.2 315.5

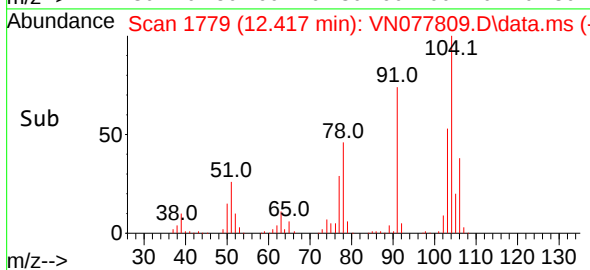
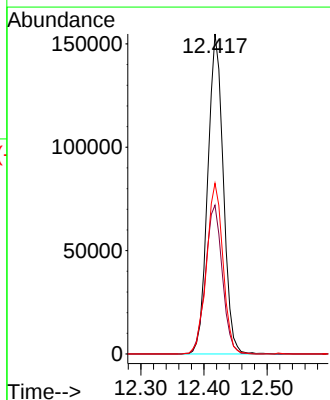
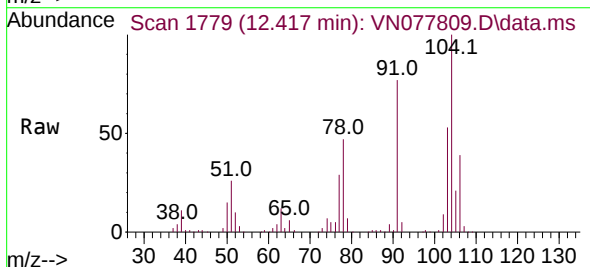
Manual Integrations
APPROVED

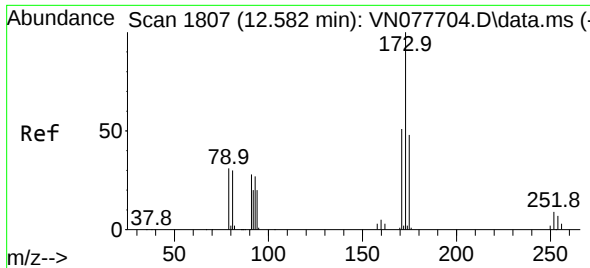
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#70
Styrene
Concen: 20.473 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN077809.D
Acq: 23 May 2023 12:19

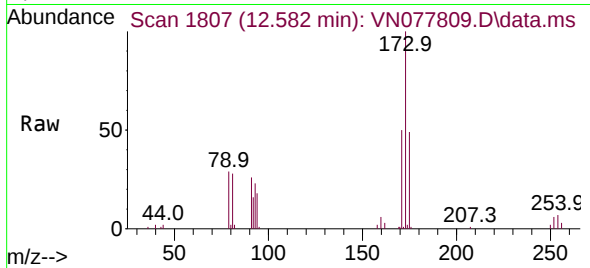
Tgt Ion:104 Resp: 264799
Ion Ratio Lower Upper
104 100
78 50.3 39.5 59.3
103 56.3 43.2 64.8





#71
Bromoform
Concen: 22.990 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN077809.D
Acq: 23 May 2023 12:19

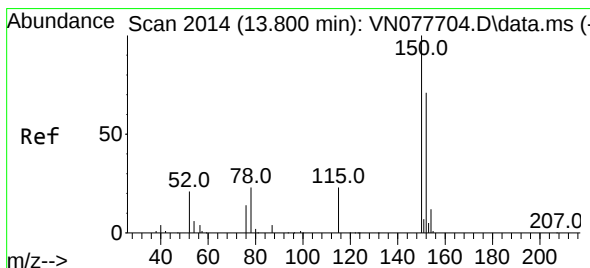
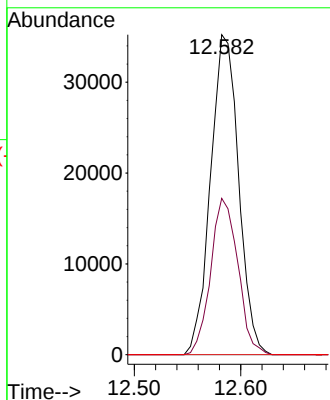
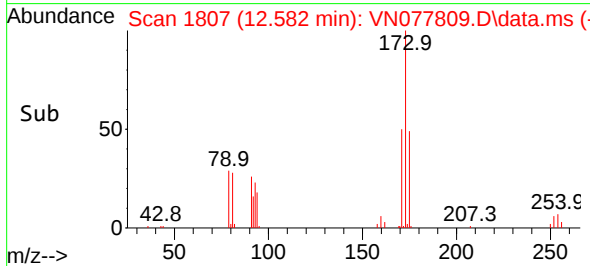
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBSD01



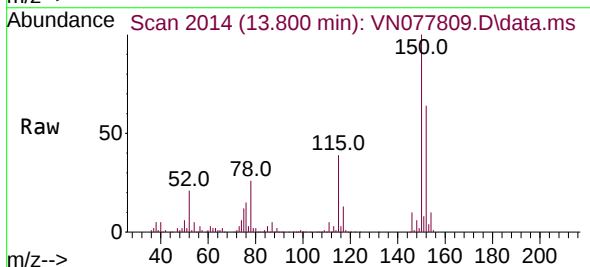
Tgt Ion:173 Resp: 6452
Ion Ratio Lower Upper
173 100
175 47.3 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

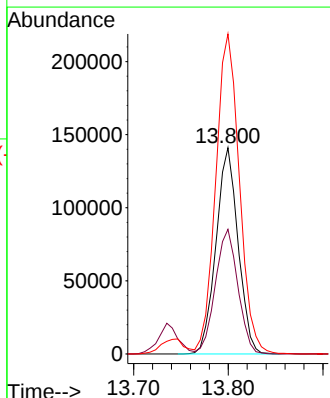
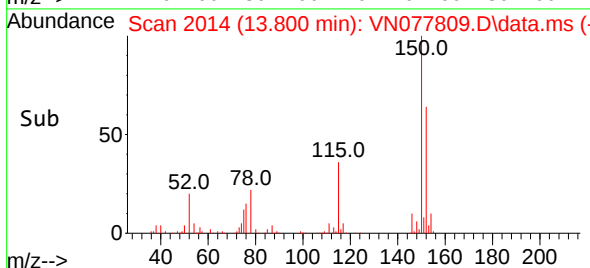
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

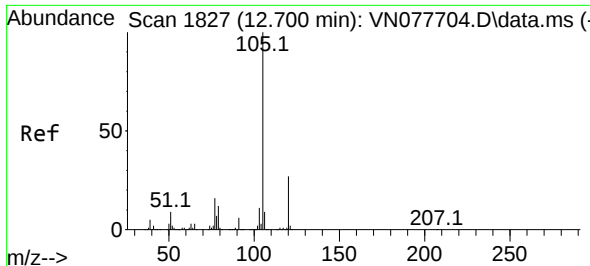


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077809.D
Acq: 23 May 2023 12:19



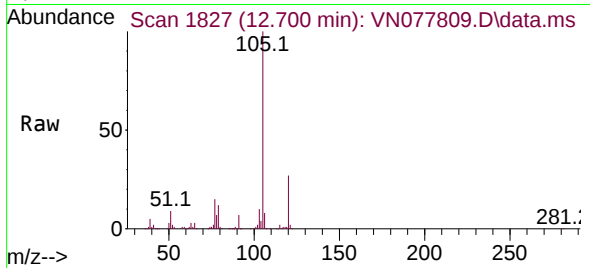
Tgt Ion:152 Resp: 228592
Ion Ratio Lower Upper
152 100
115 61.7 32.3 96.8
150 166.0 0.0 355.8





#73
Isopropylbenzene
Concen: 22.495 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN077809.D
Acq: 23 May 2023 12:19

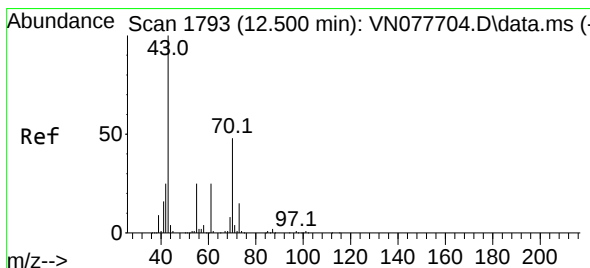
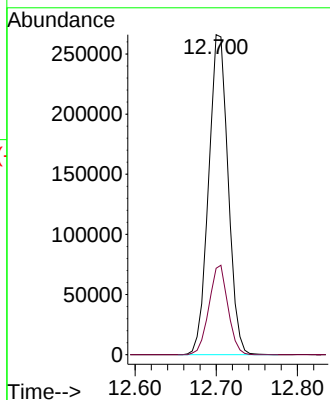
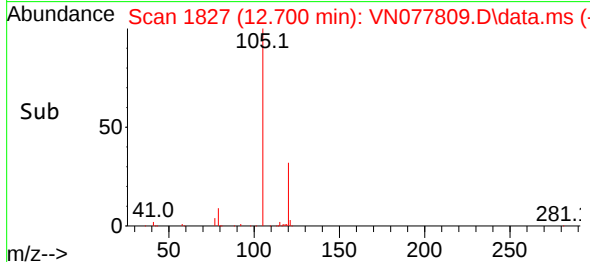
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBSD01



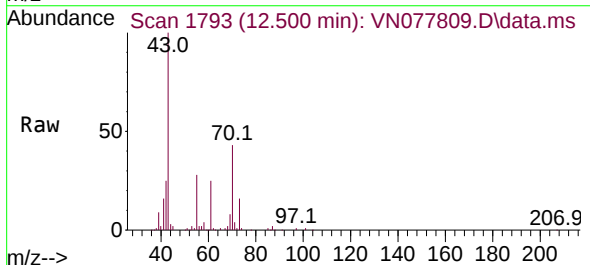
Tgt Ion:105 Resp: 443250
Ion Ratio Lower Upper
105 100
120 27.1 13.1 39.1

Manual Integrations
APPROVED

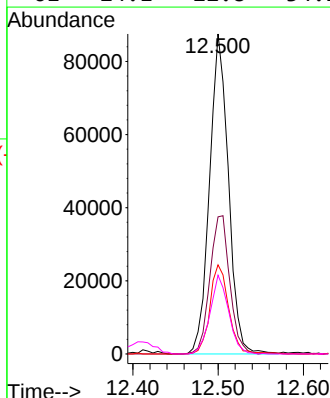
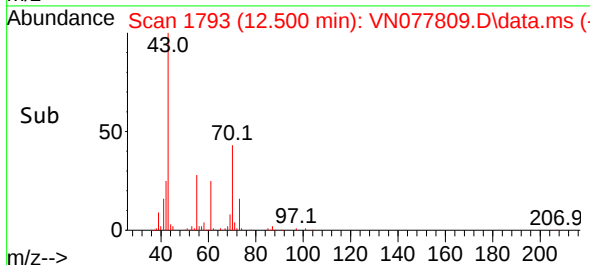
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

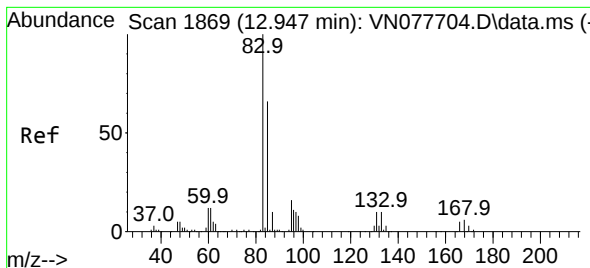


#74
N-ethyl acetate
Concen: 18.520 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN077809.D
Acq: 23 May 2023 12:19



Tgt Ion: 43 Resp: 134886
Ion Ratio Lower Upper
43 100
70 45.4 43.4 65.2
55 27.8 21.4 32.0
61 24.1 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 20.956 ug/l

RT: 12.947 min Scan# 1869

Delta R.T. -0.000 min

Lab File: VN077809.D

Acq: 23 May 2023 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN0523WBSD01

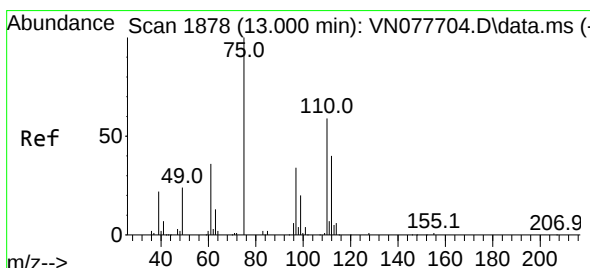
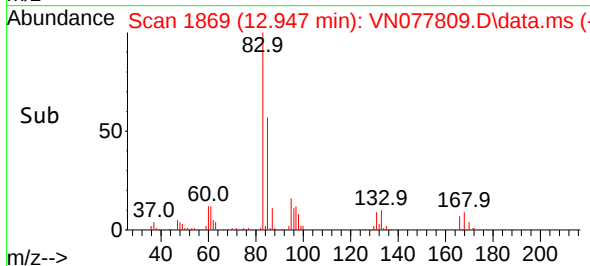
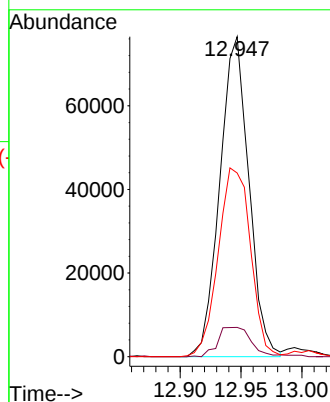
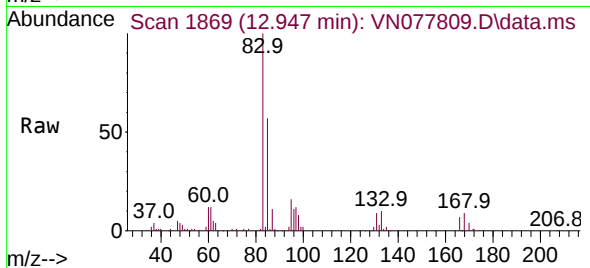
Tgt Ion:	83	Resp:	127038
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.0	15.0
85	65.5	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#76

1,2,3-Trichloropropane

Concen: 16.299 ug/l m

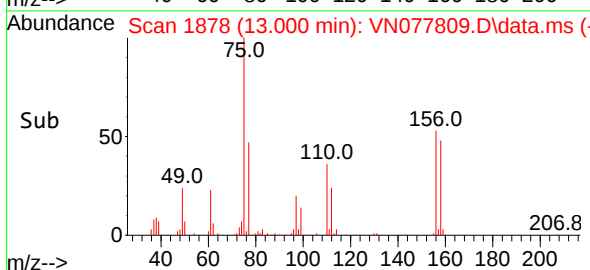
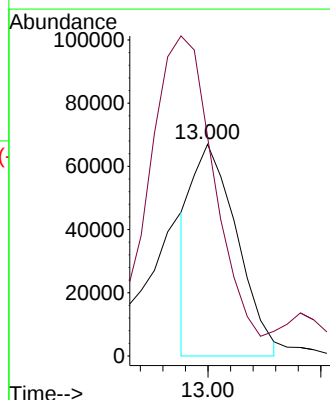
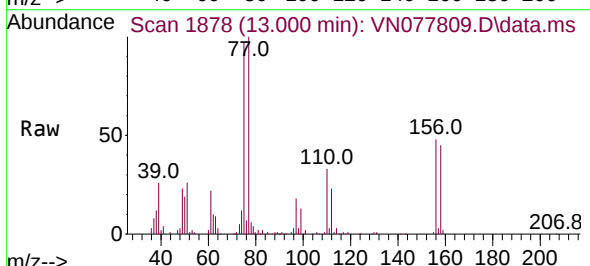
RT: 13.000 min Scan# 1878

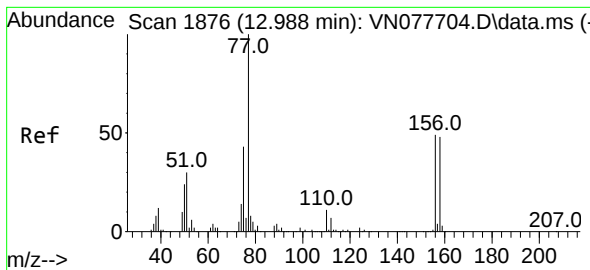
Delta R.T. -0.000 min

Lab File: VN077809.D

Acq: 23 May 2023 12:19

Tgt Ion:	75	Resp:	93308
Ion Ratio	Lower	Upper	
75	100		
77	222.3	84.5	253.5





#77

Bromobenzene

Concen: 21.994 ug/l

RT: 12.988 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VN077809.D

Acq: 23 May 2023 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN0523WBSD01

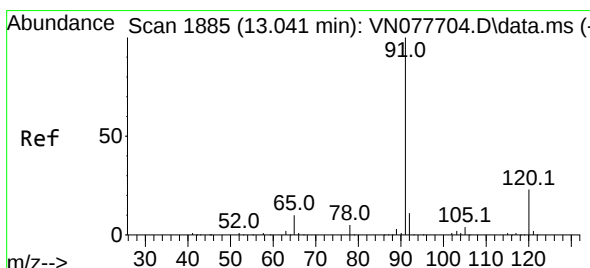
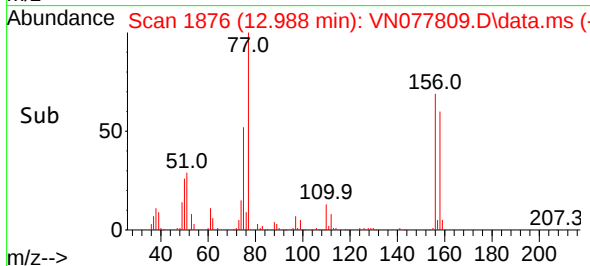
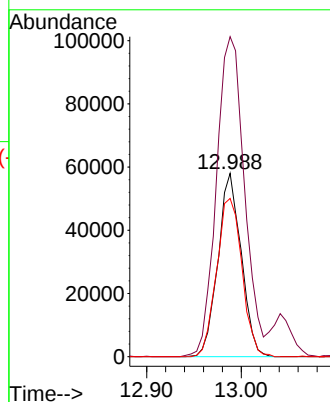
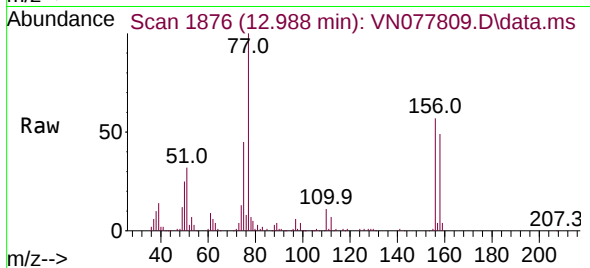
Tgt Ion:	156	Resp:	9890
Ion Ratio	Lower	Upper	
156	100		
77	209.8	107.7	323.3
158	94.0	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#78

n-propylbenzene

Concen: 21.459 ug/l

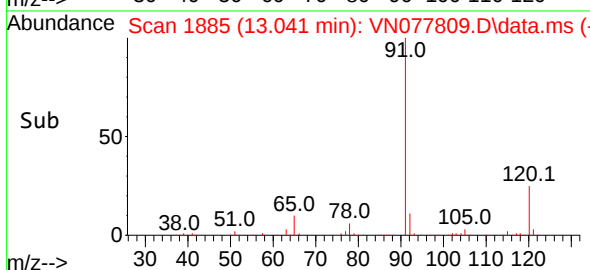
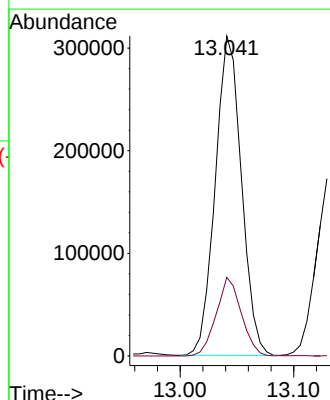
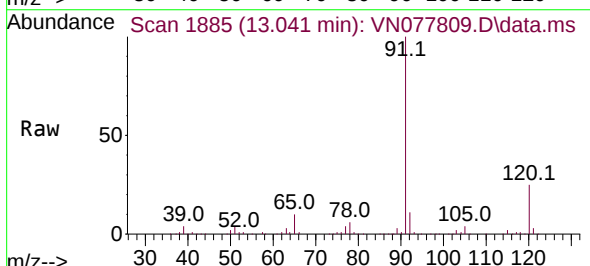
RT: 13.041 min Scan# 1885

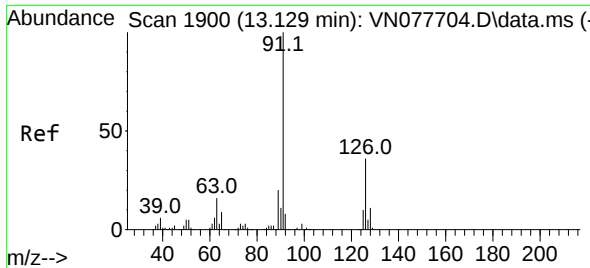
Delta R.T. -0.000 min

Lab File: VN077809.D

Acq: 23 May 2023 12:19

Tgt Ion:	91	Resp:	498504
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.5	34.4





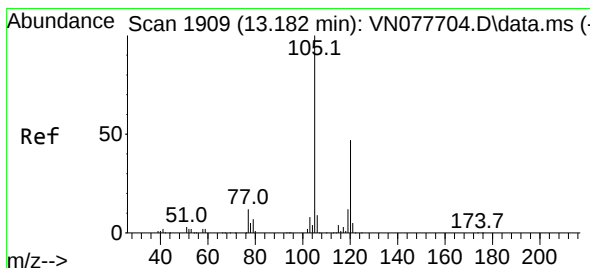
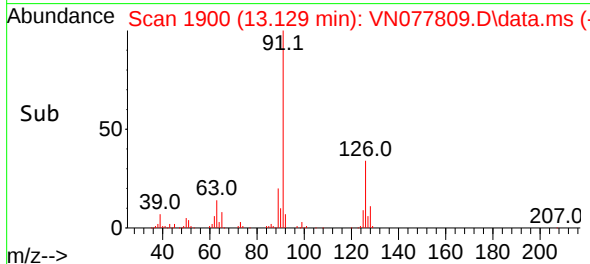
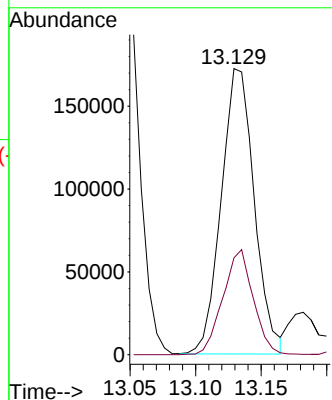
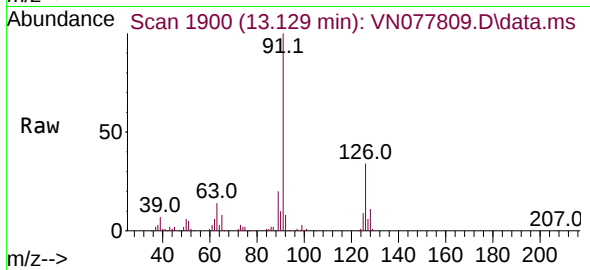
#79
2-Chlorotoluene
Concen: 21.809 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN077809.D
Acq: 23 May 2023 12:19

Instrument :
MSVOA_N
ClientSampleId :
VN0523WBSD01

Tgt Ion: 91 Resp: 302324
Ion Ratio Lower Upper
91 100
126 33.8 16.3 48.8

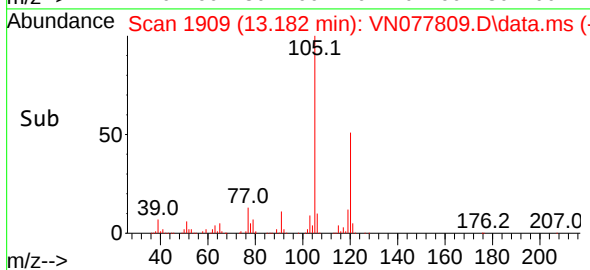
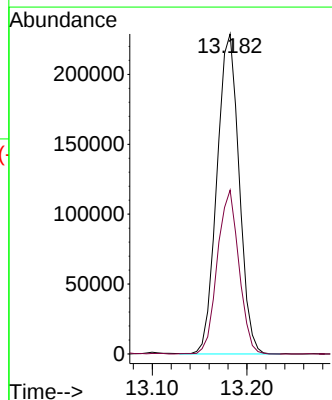
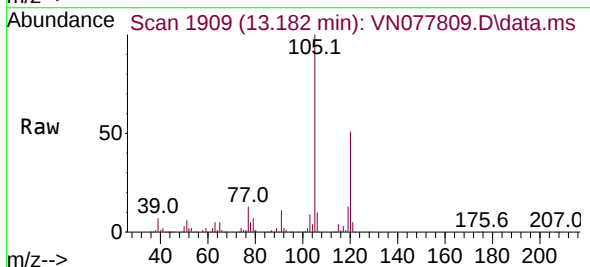
Manual Integrations
APPROVED

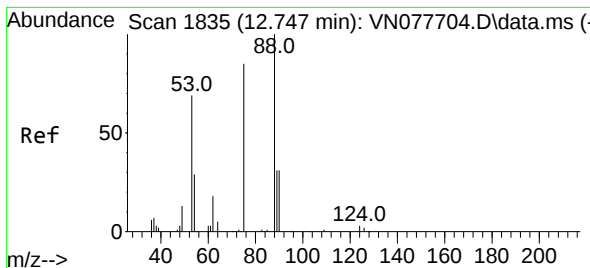
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#80
1,3,5-Trimethylbenzene
Concen: 22.481 ug/l
RT: 13.182 min Scan# 1909
Delta R.T. 0.000 min
Lab File: VN077809.D
Acq: 23 May 2023 12:19

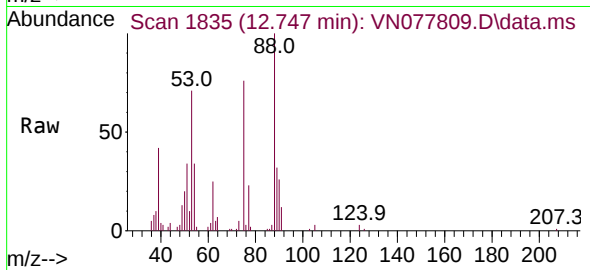
Tgt Ion:105 Resp: 372309
Ion Ratio Lower Upper
105 100
120 49.7 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 21.203 ug/l
RT: 12.747 min Scan# 1835
Delta R.T. 0.006 min
Lab File: VN077809.D
Acq: 23 May 2023 12:19

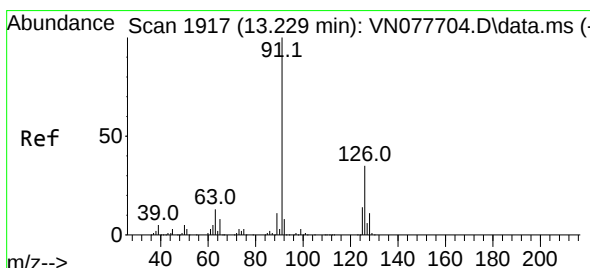
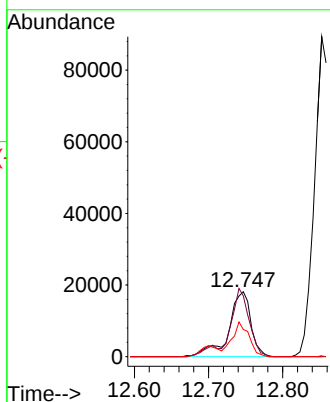
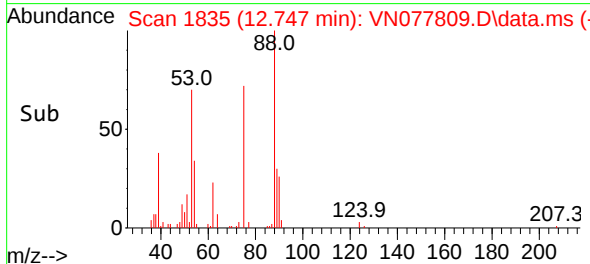
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBSD01



Tgt Ion: 75 Resp: 3797
Ion Ratio Lower Upper
75 100
53 81.5 67.4 101.2
89 40.2 38.8 58.2

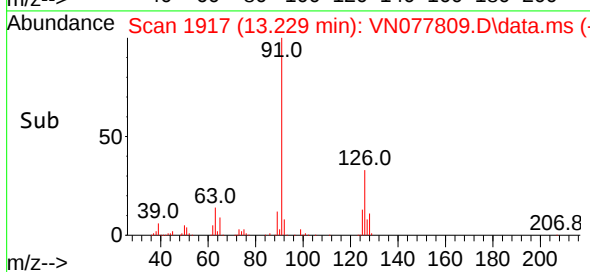
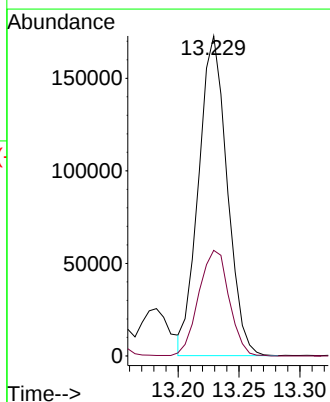
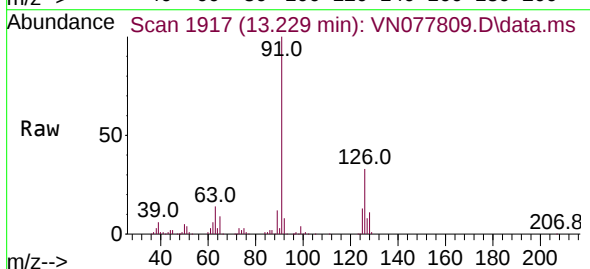
Manual Integrations
APPROVED

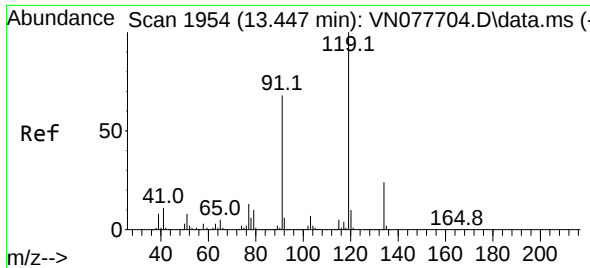
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#82
4-Chlorotoluene
Concen: 20.415 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN077809.D
Acq: 23 May 2023 12:19

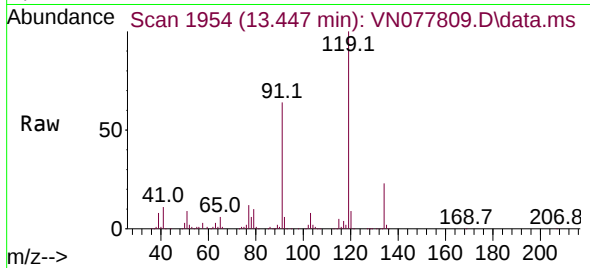
Tgt Ion: 91 Resp: 281574
Ion Ratio Lower Upper
91 100
126 35.2 16.7 50.0





#83
tert-Butylbenzene
Concen: 22.675 ug/l
RT: 13.447 min Scan# 1954
Delta R.T. -0.000 min
Lab File: VN077809.D
Acq: 23 May 2023 12:19

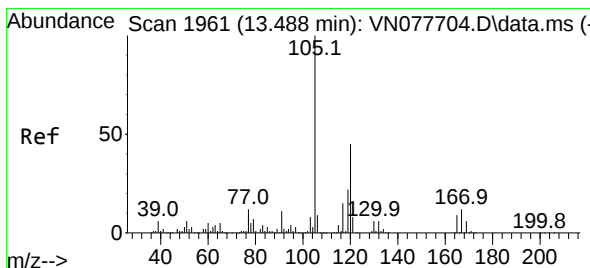
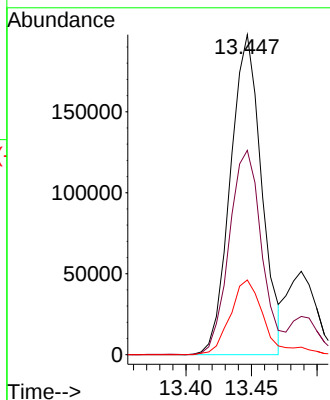
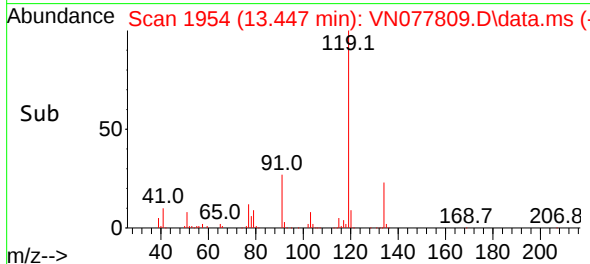
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBSD01



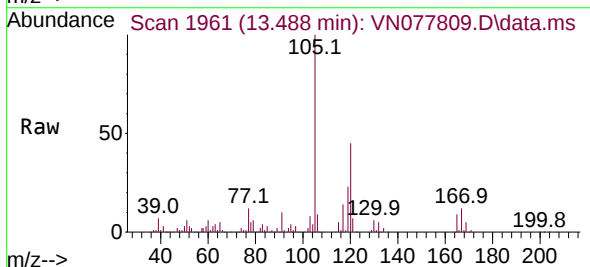
Tgt Ion:119 Resp: 327825
Ion Ratio Lower Upper
119 100
91 67.1 33.9 101.7
134 25.6 13.2 39.6

Manual Integrations
APPROVED

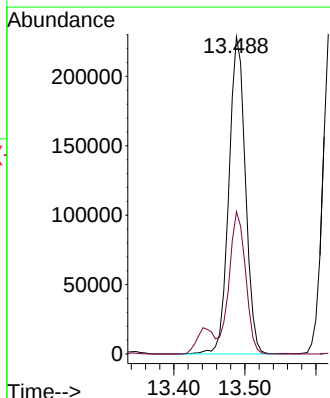
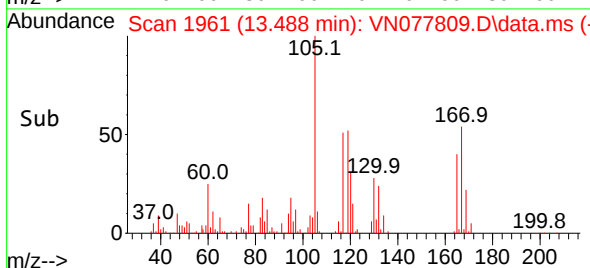
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

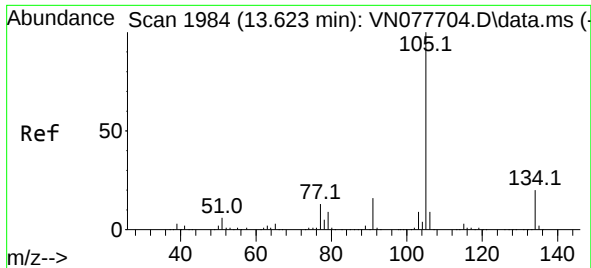


#84
1,2,4-Trimethylbenzene
Concen: 22.704 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN077809.D
Acq: 23 May 2023 12:19



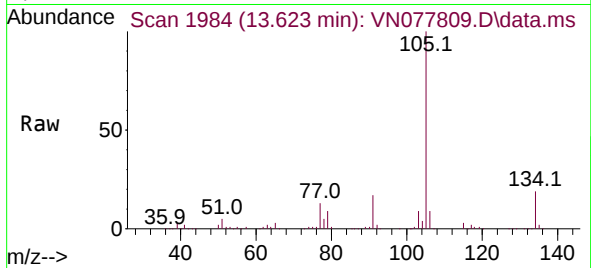
Tgt Ion:105 Resp: 369799
Ion Ratio Lower Upper
105 100
120 44.9 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 22.274 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN077809.D
 Acq: 23 May 2023 12:19

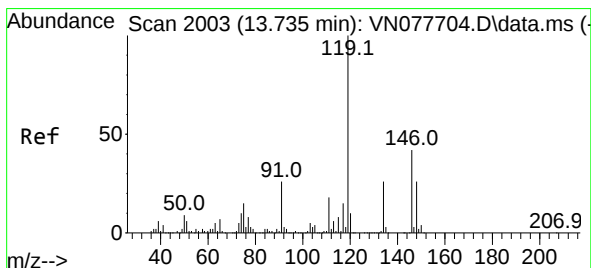
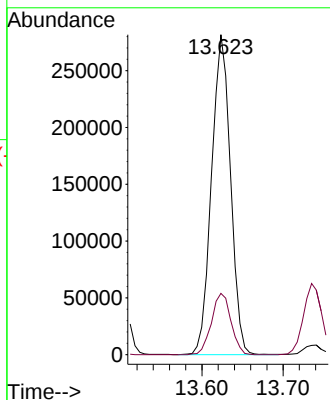
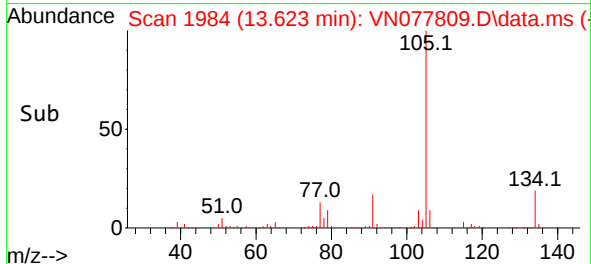
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0523WBSD01



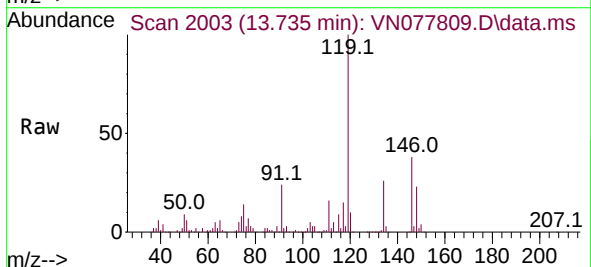
Tgt Ion:105 Resp: 457654
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.3

Manual Integrations
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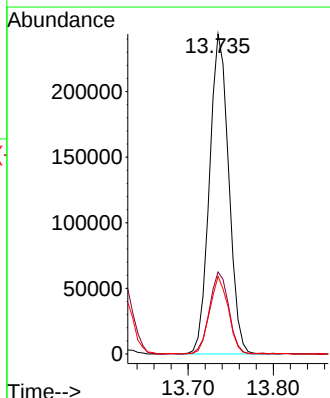
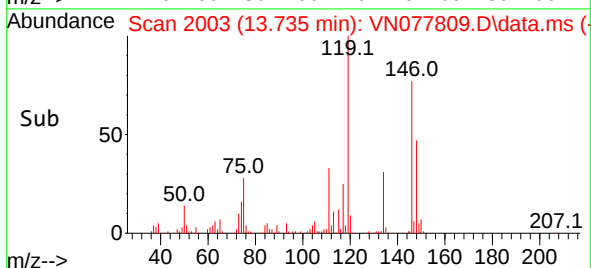
Reviewed By :John Carlone 05/25/2023
 Supervised By :Mahesh Dadoda 05/25/2023

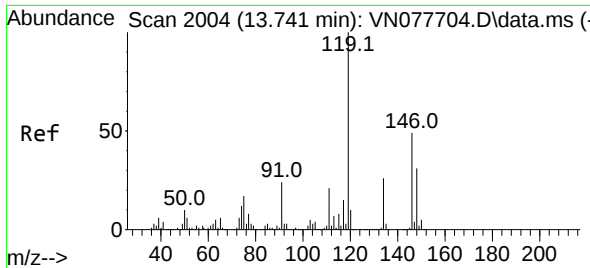


#86
 p-Isopropyltoluene
 Concen: 23.406 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN077809.D
 Acq: 23 May 2023 12:19



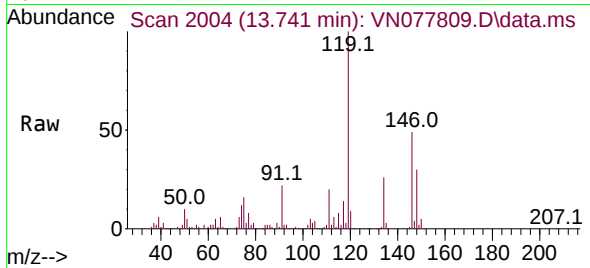
Tgt Ion:119 Resp: 383412
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.6 37.8
 91 23.4 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 21.074 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. -0.000 min
Lab File: VN077809.D
Acq: 23 May 2023 12:19

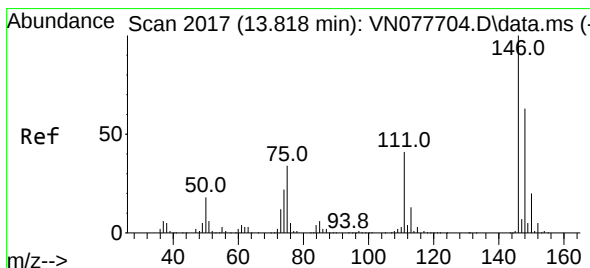
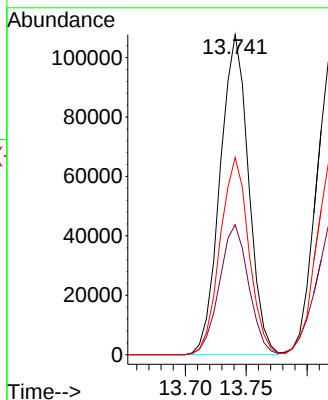
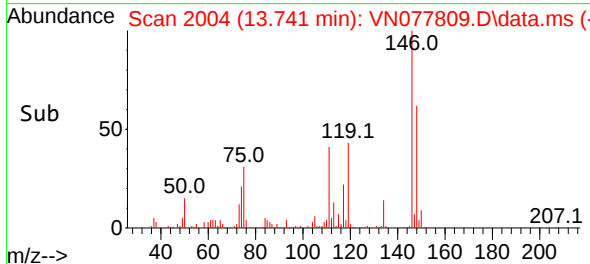
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBSD01



Tgt Ion:146 Resp: 175249
Ion Ratio Lower Upper
146 100
111 41.7 22.1 66.3
148 62.3 32.0 96.0

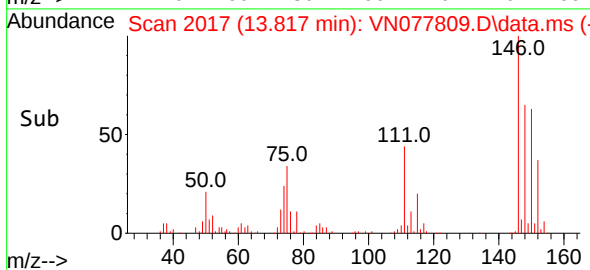
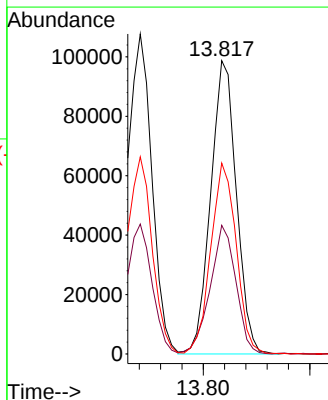
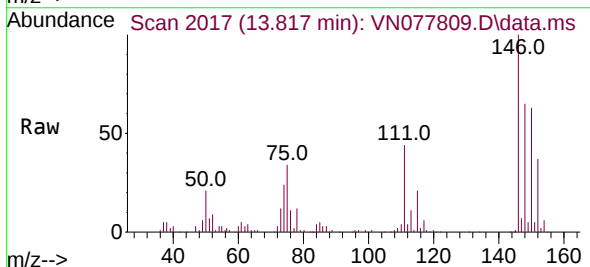
Manual Integrations
APPROVED

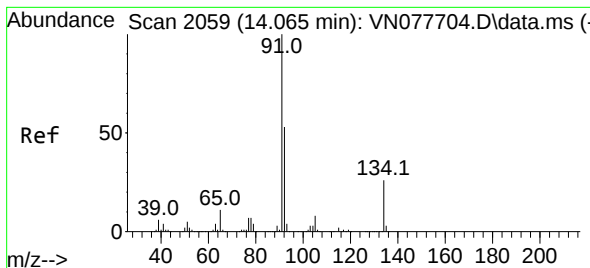
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#88
1,4-Dichlorobenzene
Concen: 20.032 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN077809.D
Acq: 23 May 2023 12:19

Tgt Ion:146 Resp: 165309
Ion Ratio Lower Upper
146 100
111 43.9 20.6 61.8
148 64.7 31.6 94.8





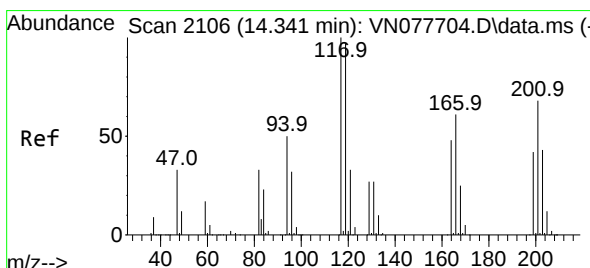
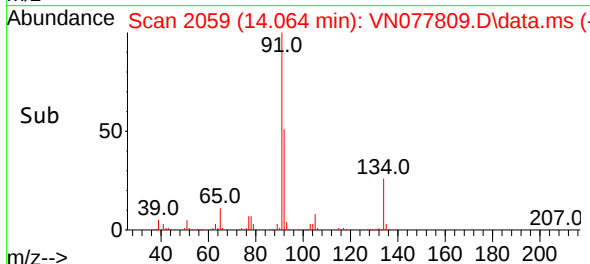
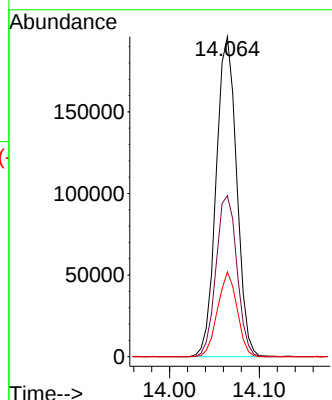
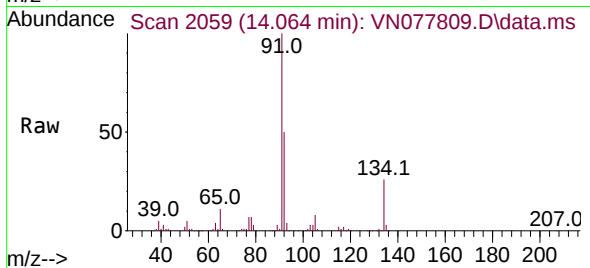
#89
n-Butylbenzene
Concen: 20.695 ug/l
RT: 14.064 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VN077809.D
Acq: 23 May 2023 12:19

Instrument :
MSVOA_N
ClientSampleId :
VN0523WBSD01

Tgt Ion: 91 Resp: 31180
Ion Ratio Lower Upper
91 100
92 51.3 26.4 79.0
134 25.1 12.6 37.6

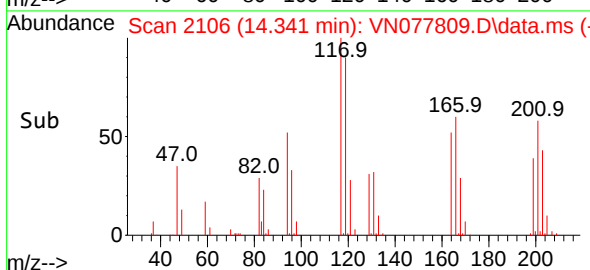
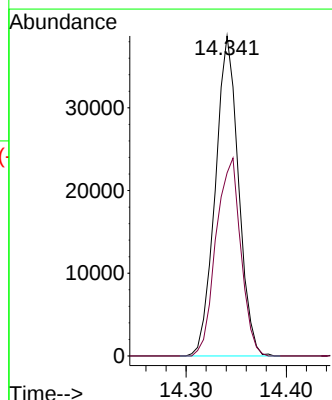
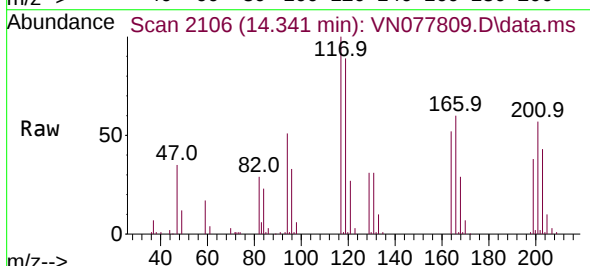
Manual Integrations
APPROVED

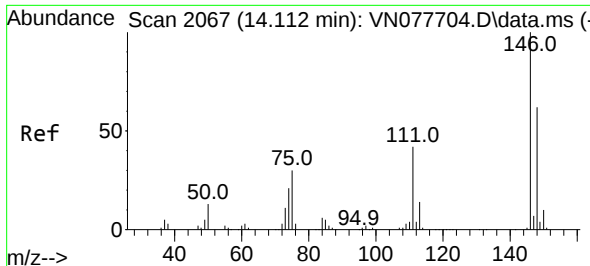
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#90
Hexachloroethane
Concen: 23.083 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. -0.000 min
Lab File: VN077809.D
Acq: 23 May 2023 12:19

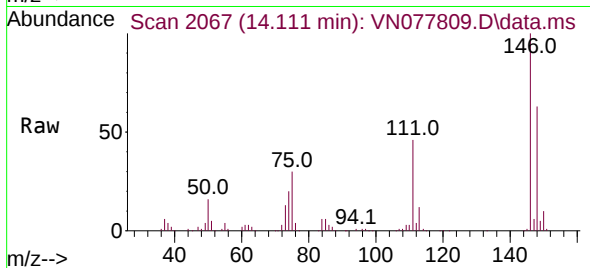
Tgt Ion:117 Resp: 62117
Ion Ratio Lower Upper
117 100
201 66.0 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 22.555 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. 0.000 min
Lab File: VN077809.D
Acq: 23 May 2023 12:19

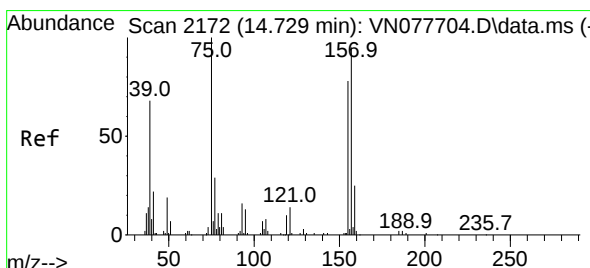
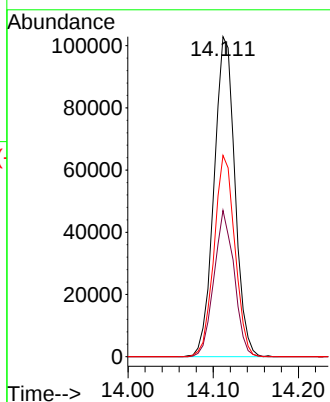
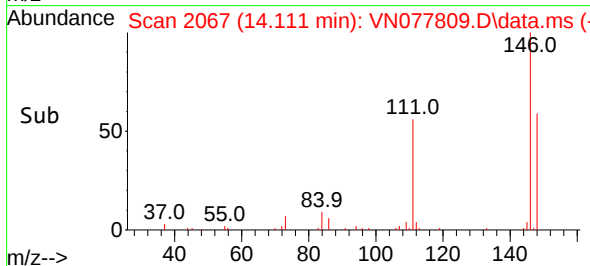
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBSD01



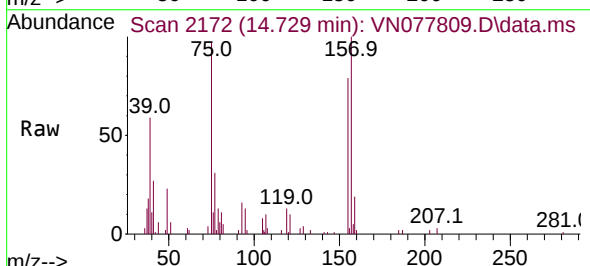
Tgt Ion:146 Resp: 175220
Ion Ratio Lower Upper
146 100
111 44.0 22.0 66.0
148 62.6 31.8 95.3

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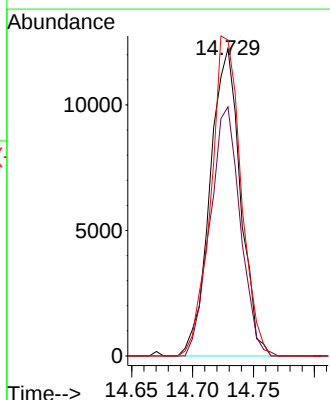
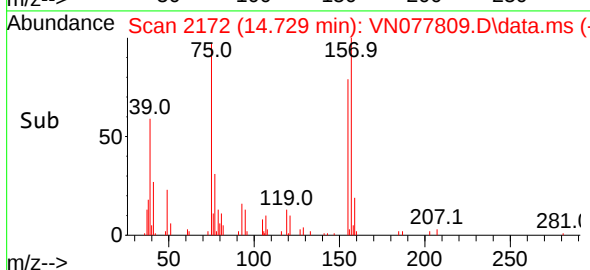
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

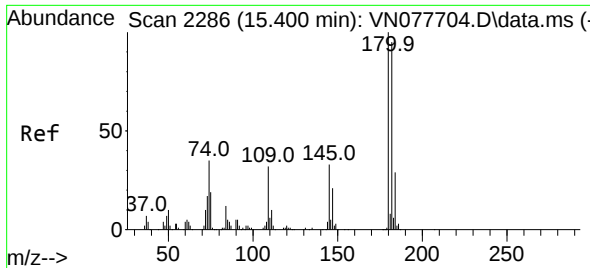


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.110 ug/l
RT: 14.729 min Scan# 2172
Delta R.T. 0.006 min
Lab File: VN077809.D
Acq: 23 May 2023 12:19



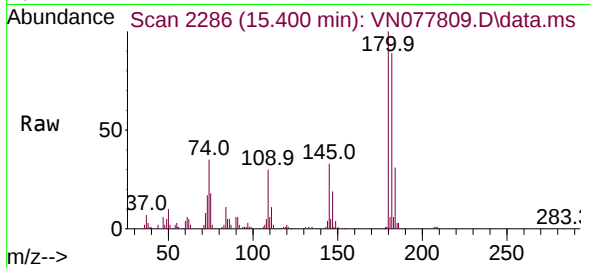
Tgt Ion: 75 Resp: 21254
Ion Ratio Lower Upper
75 100
155 80.6 39.1 117.2
157 103.2 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 15.821 ug/l
RT: 15.400 min Scan# 2286
Delta R.T. -0.000 min
Lab File: VN077809.D
Acq: 23 May 2023 12:19

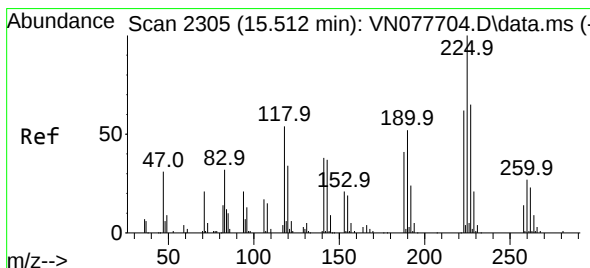
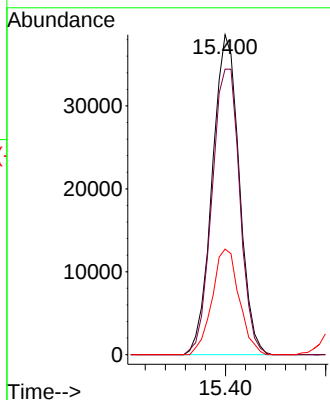
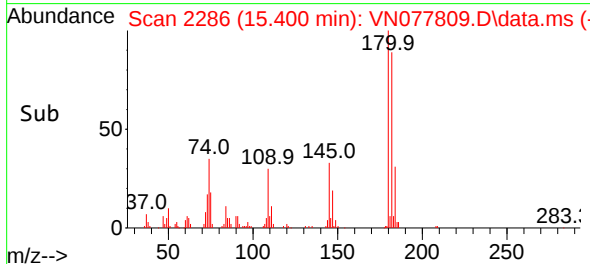
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBSD01



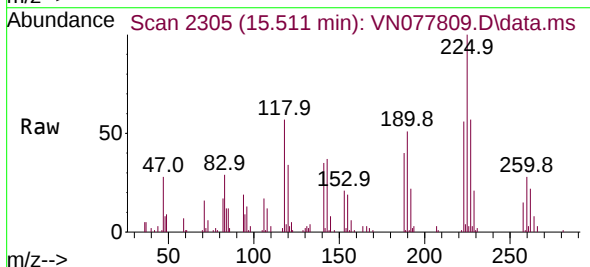
Tgt Ion:180 Resp: 71825
Ion Ratio Lower Upper
180 100
182 92.3 46.1 138.2
145 33.2 16.6 49.8

Manual Integrations
APPROVED

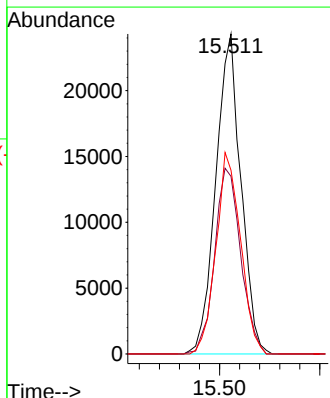
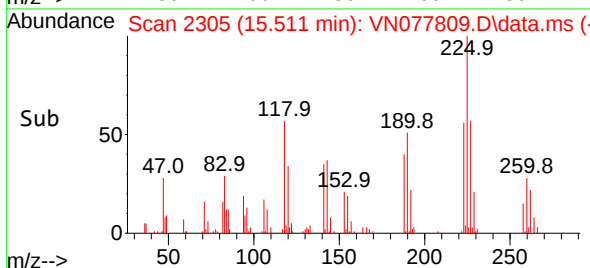
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

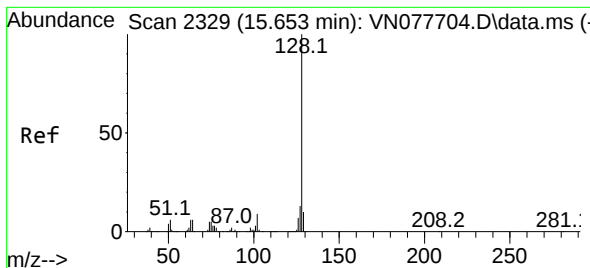


#94
Hexachlorobutadiene
Concen: 22.408 ug/l
RT: 15.511 min Scan# 2305
Delta R.T. 0.005 min
Lab File: VN077809.D
Acq: 23 May 2023 12:19



Tgt Ion:225 Resp: 42239
Ion Ratio Lower Upper
225 100
223 60.3 31.3 93.8
227 61.6 31.9 95.9





#95

Naphthalene

Concen: 13.133 ug/l

RT: 15.647 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN077809.D

Acq: 23 May 2023 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN0523WBSD01

Tgt Ion:128 Resp: 20522

Ion Ratio Lower Upper

128 100

127 14.0 10.0 15.0

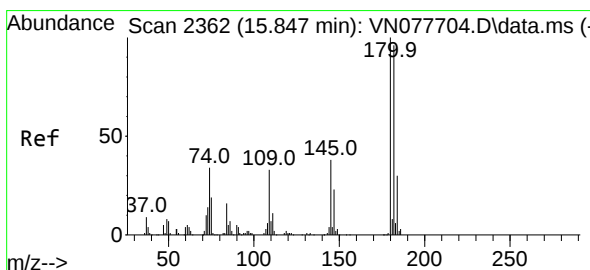
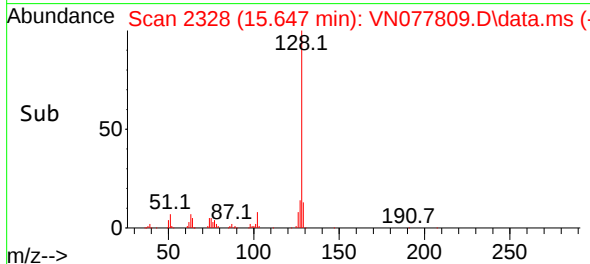
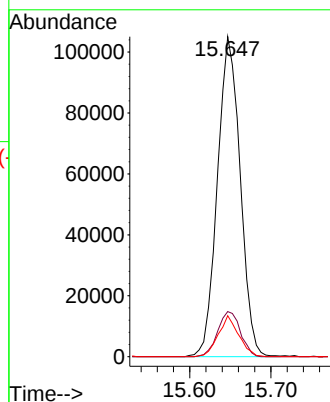
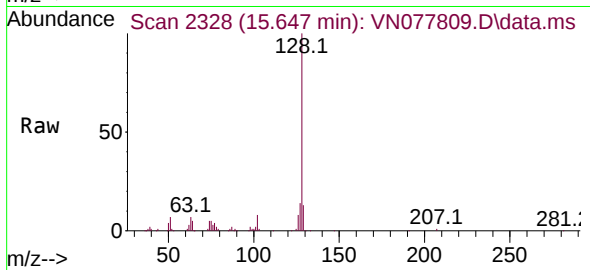
129 11.5 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#96

1,2,3-Trichlorobenzene

Concen: 17.428 ug/l

RT: 15.853 min Scan# 2363

Delta R.T. 0.006 min

Lab File: VN077809.D

Acq: 23 May 2023 12:19

Tgt Ion:180 Resp: 77470

Ion Ratio Lower Upper

180 100

182 94.3 46.2 138.6

145 35.3 17.5 52.6

