

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041223\
 Data File : VN077309.D
 Acq On : 12 Apr 2023 11:42
 Operator : JC\MD
 Sample : VN0412WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0412WBS01

Quant Time: Apr 13 01:11:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 06 08:27:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	493841	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	943664	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	859370	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	353159	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	288571	42.754	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.500%
35) Dibromofluoromethane	8.172	113	256825	42.513	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	85.020%
50) Toluene-d8	10.571	98	1047996	43.093	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	86.180%
62) 4-Bromofluorobenzene	12.854	95	339150	41.931	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	83.860%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.137	85	112557	17.857	ug/l	99
3) Chloromethane	2.372	50	125695	16.092	ug/l	98
4) Vinyl Chloride	2.525	62	179655	16.964	ug/l	95
5) Bromomethane	2.960	94	135277	17.619	ug/l	98
6) Chloroethane	3.125	64	124464	16.468	ug/l	94
7) Trichlorofluoromethane	3.507	101	180406	19.646	ug/l	91
8) Diethyl Ether	3.972	74	69236	17.992	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.384	101	108170	19.248	ug/l	98
10) Methyl Iodide	4.601	142	129894	19.005	ug/l	99
11) Tert butyl alcohol	5.531	59	112907	81.981	ug/l	100
12) 1,1-Dichloroethene	4.348	96	105254	18.194	ug/l	96
13) Acrolein	4.190	56	115153	88.282	ug/l	97
14) Allyl chloride	5.037	41	138102	15.806	ug/l	93
15) Acrylonitrile	5.737	53	262543	86.228	ug/l	98
16) Acetone	4.442	43	224958	90.397	ug/l	96
17) Carbon Disulfide	4.719	76	276429	17.720	ug/l	98
18) Methyl Acetate	5.037	43	159393	16.817	ug/l	94
19) Methyl tert-butyl Ether	5.807	73	376767	18.355	ug/l	97
20) Methylene Chloride	5.289	84	125309	17.830	ug/l	98
21) trans-1,2-Dichloroethene	5.795	96	117926	18.618	ug/l	94
22) Diisopropyl ether	6.684	45	317371	18.118	ug/l	96
23) Vinyl Acetate	6.613	43	1038410	87.674	ug/l	96
24) 1,1-Dichloroethane	6.578	63	206969	18.297	ug/l	99
25) 2-Butanone	7.489	43	346441	85.777	ug/l	99
26) 2,2-Dichloropropane	7.495	77	203398	19.610	ug/l	96
27) cis-1,2-Dichloroethene	7.489	96	146045	18.881	ug/l	96
28) Bromochloromethane	7.819	49	89542	19.679	ug/l	99
29) Tetrahydrofuran	7.848	42	213188	82.113	ug/l	97
30) Chloroform	7.972	83	223212	18.505	ug/l	99
31) Cyclohexane	8.266	56	186911	17.822	ug/l	97
32) 1,1,1-Trichloroethane	8.178	97	207465	18.911	ug/l	91
36) 1,1-Dichloropropene	8.378	75	169073	18.923	ug/l	99
37) Ethyl Acetate	7.566	43	138294	17.300	ug/l	97
38) Carbon Tetrachloride	8.372	117	182435	19.930	ug/l	94
39) Methylcyclohexane	9.607	83	226091	18.766	ug/l	99
40) Benzene	8.613	78	522033	18.732	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	70366	16.376	ug/l	95
42) 1,2-Dichloroethane	8.677	62	165630	19.311	ug/l	100
43) Isopropyl Acetate	8.695	43	250481	16.981	ug/l	98
44) Trichloroethene	9.360	130	128442	19.262	ug/l	97
45) 1,2-Dichloropropane	9.630	63	129051	19.498	ug/l	93
46) Dibromomethane	9.713	93	93301	18.710	ug/l	100
47) Bromodichloromethane	9.895	83	185555	18.616	ug/l	98
48) Methyl methacrylate	9.683	41	106975	17.000	ug/l	95
49) 1,4-Dioxane	9.695	88	50087	328.310	ug/l	98
51) 4-Methyl-2-Pentanone	10.448	43	743177	87.163	ug/l	99
52) Toluene	10.636	92	350867	19.235	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	204660	18.909	ug/l	99
54) cis-1,3-Dichloropropene	10.313	75	222157	19.270	ug/l	98
55) 1,1,2-Trichloroethane	11.019	97	134490	18.782	ug/l	99
56) Ethyl methacrylate	10.877	69	207030	18.563	ug/l	99
57) 1,3-Dichloropropane	11.166	76	224157	18.948	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.166	63	256152	77.154	ug/l	100
59) 2-Hexanone	11.201	43	549382	86.488	ug/l	99
60) Dibromochloromethane	11.360	129	142237	19.287	ug/l	98
61) 1,2-Dibromoethane	11.471	107	136667	19.122	ug/l	100
64) Tetrachloroethene	11.107	164	100549	18.940	ug/l	94
65) Chlorobenzene	11.895	112	365337	19.310	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.966	131	132983	18.576	ug/l	97
67) Ethyl Benzene	11.966	91	662699	18.981	ug/l	99
68) m/p-Xylenes	12.077	106	511918	37.317	ug/l	98
69) o-Xylene	12.401	106	256090	18.923	ug/l	97
70) Styrene	12.413	104	409862	18.820	ug/l	99
71) Bromoform	12.583	173	92490	18.354	ug/l #	99
73) Isopropylbenzene	12.701	105	657880	19.179	ug/l	100
74) N-amyl acetate	12.495	43	219164	16.860	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.942	83	199886	18.568	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	148025m	17.602	ug/l	
77) Bromobenzene	12.983	156	134882	19.339	ug/l	96
78) n-propylbenzene	13.042	91	740456	19.537	ug/l	100
79) 2-Chlorotoluene	13.130	91	440592	19.306	ug/l	99
80) 1,3,5-Trimethylbenzene	13.177	105	537614	19.623	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.742	75	73311	19.617	ug/l	90
82) 4-Chlorotoluene	13.224	91	416205	19.343	ug/l	100
83) tert-Butylbenzene	13.442	119	468053	19.193	ug/l	99
84) 1,2,4-Trimethylbenzene	13.483	105	524895	19.393	ug/l	99
85) sec-Butylbenzene	13.618	105	666364	19.607	ug/l	99
86) p-Isopropyltoluene	13.730	119	530186	19.850	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	243209	18.848	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	244242	19.194	ug/l	99
89) n-Butylbenzene	14.060	91	424672	19.152	ug/l	99
90) Hexachloroethane	14.336	117	113065	19.360	ug/l	99
91) 1,2-Dichlorobenzene	14.107	146	245096	18.987	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	35941	17.617	ug/l	96
93) 1,2,4-Trichlorobenzene	15.371	180	77451	16.621	ug/l	98
94) Hexachlorobutadiene	15.465	225	49953	18.519	ug/l	98
95) Naphthalene	15.589	128	284906	16.276	ug/l	99
96) 1,2,3-Trichlorobenzene	15.759	180	71519	16.046	ug/l	98

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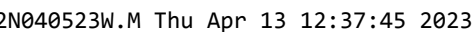
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS01

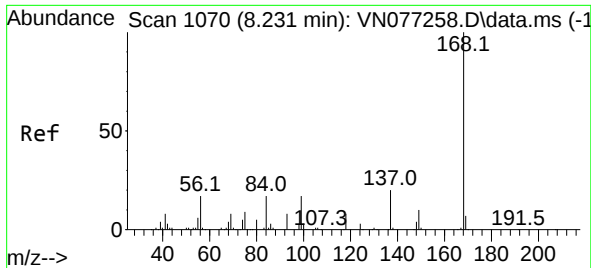
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Quant Title : SW846 8260
QLast Update : Thu Apr 06 08:27:03 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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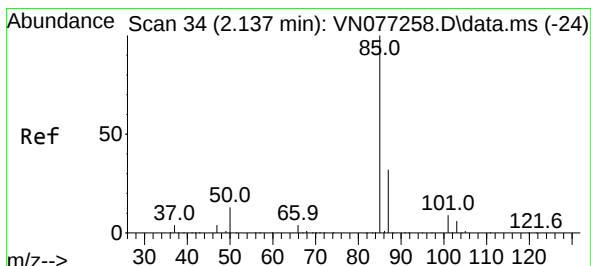
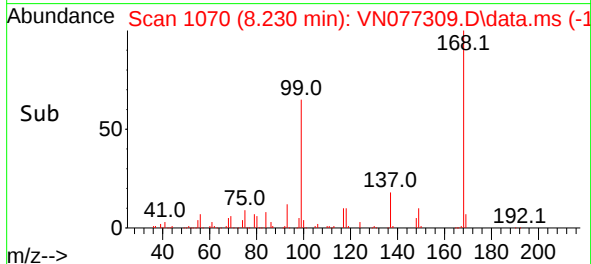
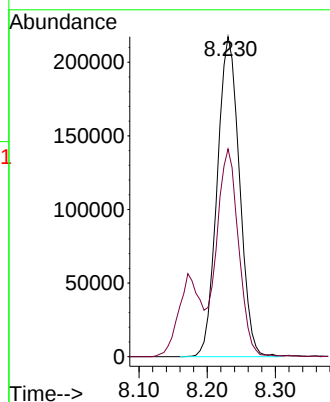
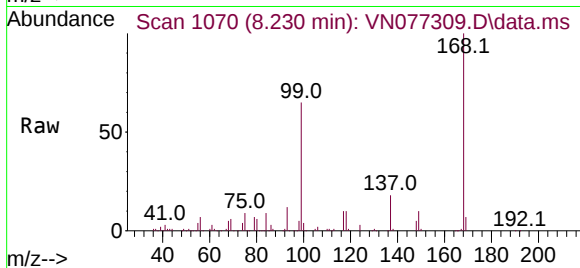




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.001 min
Lab File: VN077309.D
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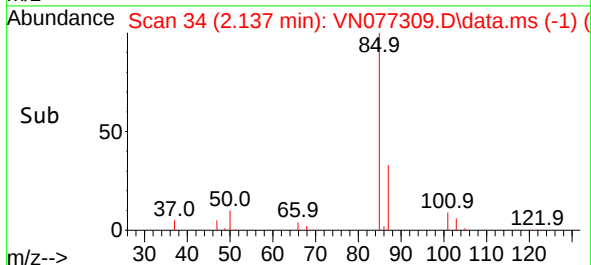
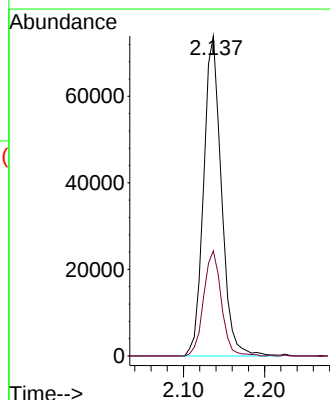
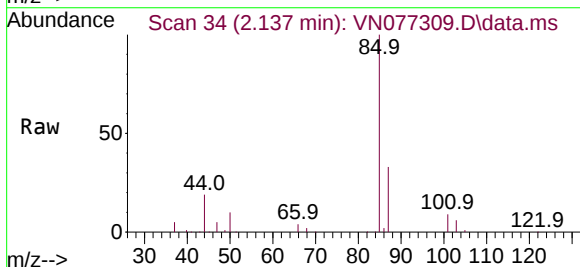
Instrument :
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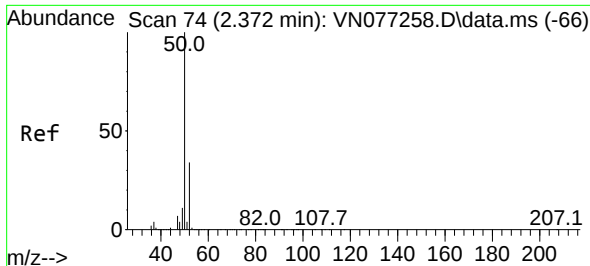
Tgt Ion:168 Resp: 493841
Ion Ratio Lower Upper
168 100
99 64.6 50.6 75.8



#2
Dichlorodifluoromethane
Concen: 17.857 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077309.D
Acq: 12 Apr 2023 11:42

Tgt Ion: 85 Resp: 112557
Ion Ratio Lower Upper
85 100
87 32.9 16.1 48.2

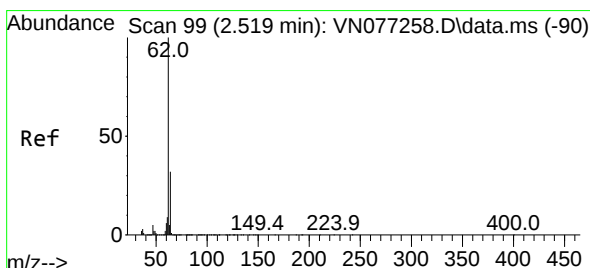
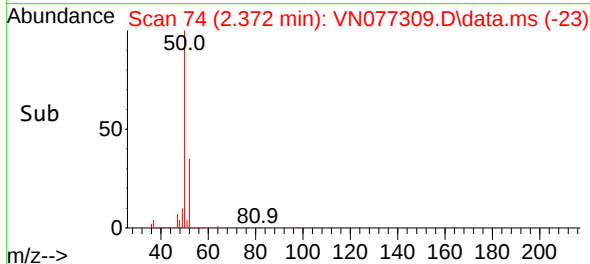
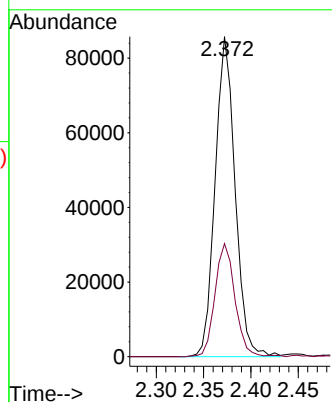
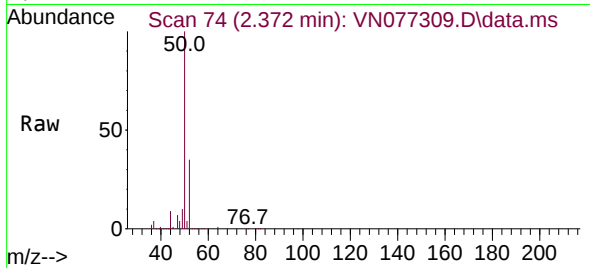




#3
Chloromethane
Concen: 16.092 ug/l
RT: 2.372 min Scan# 74
Delta R.T. 0.000 min
Lab File: VN077309.D
Acq: 12 Apr 2023 11:42

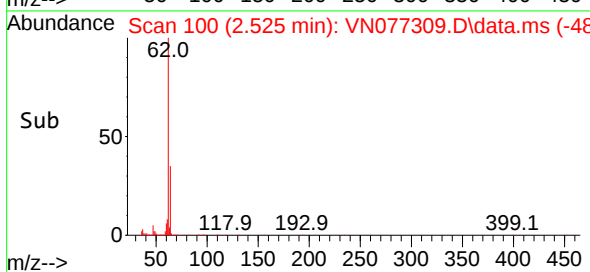
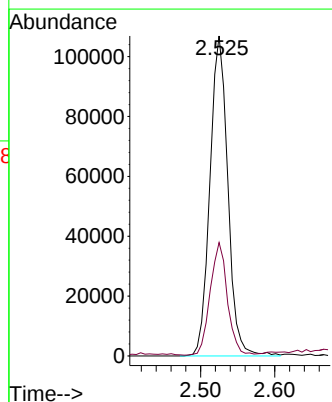
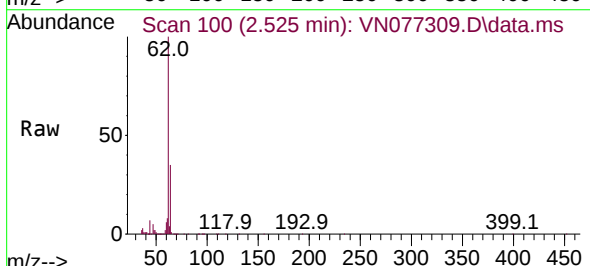
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ClientSampleId :
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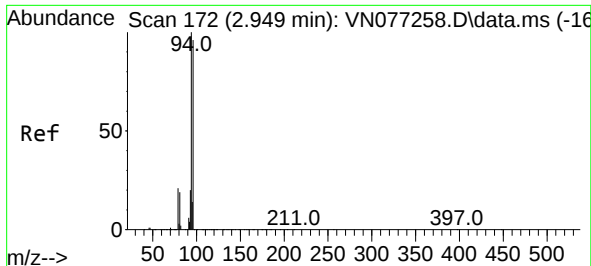
Tgt Ion: 50 Resp: 125695
Ion Ratio Lower Upper
50 100
52 35.4 27.3 40.9



#4
Vinyl Chloride
Concen: 16.964 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.006 min
Lab File: VN077309.D
Acq: 12 Apr 2023 11:42

Tgt Ion: 62 Resp: 179655
Ion Ratio Lower Upper
62 100
64 35.1 25.8 38.8

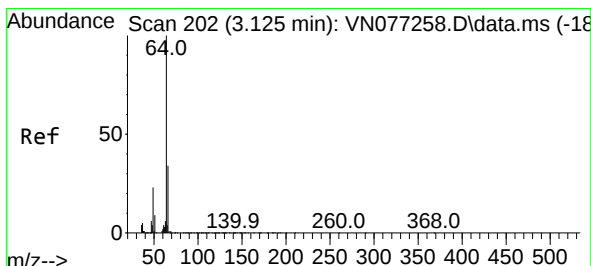
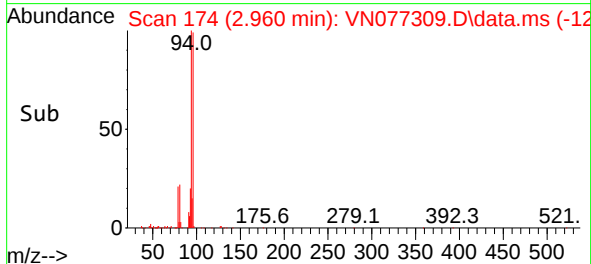
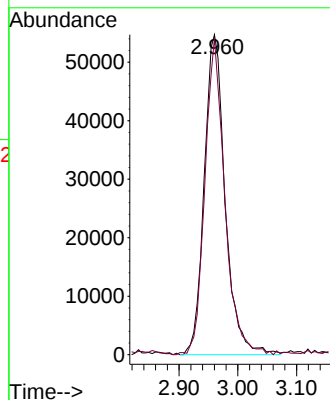
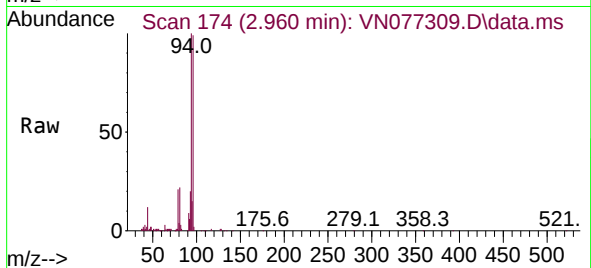




#5
Bromomethane
Concen: 17.619 ug/l
RT: 2.960 min Scan# 11
Delta R.T. 0.011 min
Lab File: VN077309.D
Acq: 12 Apr 2023 11:42

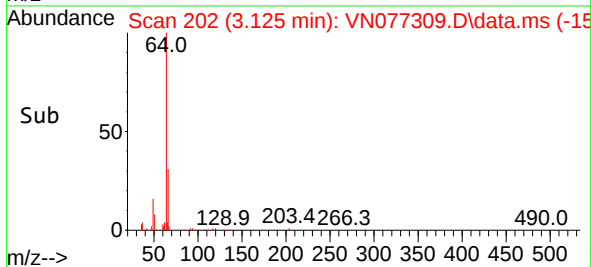
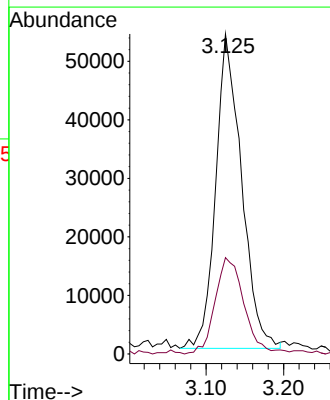
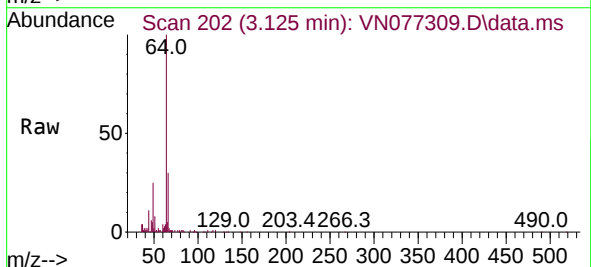
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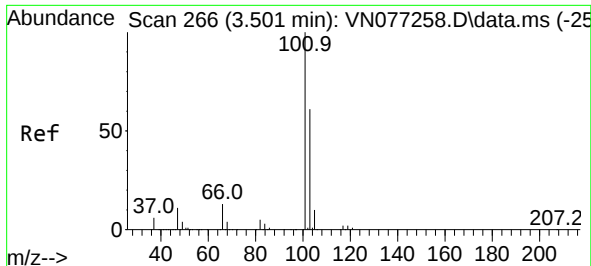
Tgt Ion: 94 Resp: 135277
Ion Ratio Lower Upper
94 100
96 98.6 77.0 115.4



#6
Chloroethane
Concen: 16.468 ug/l
RT: 3.125 min Scan# 202
Delta R.T. -0.000 min
Lab File: VN077309.D
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Tgt Ion: 64 Resp: 124464
Ion Ratio Lower Upper
64 100
66 30.2 26.9 40.3

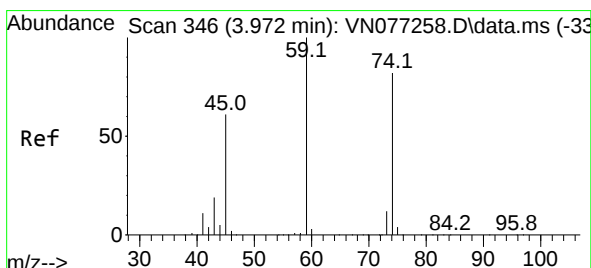
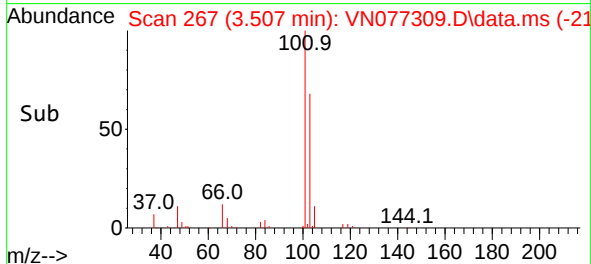
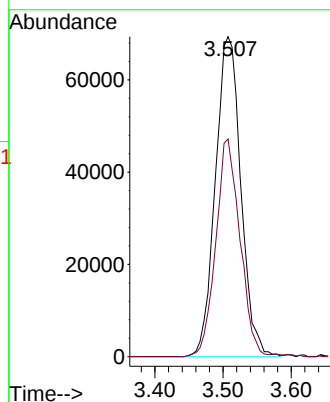
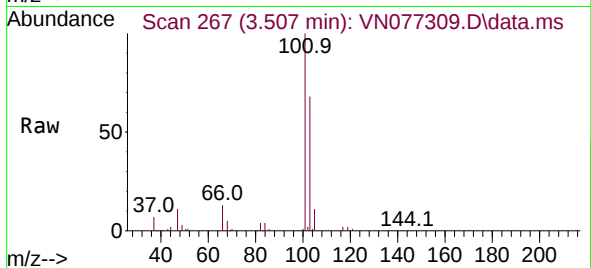




#7
Trichlorofluoromethane
Concen: 19.646 ug/l
RT: 3.507 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN077309.D
Acq: 12 Apr 2023 11:42

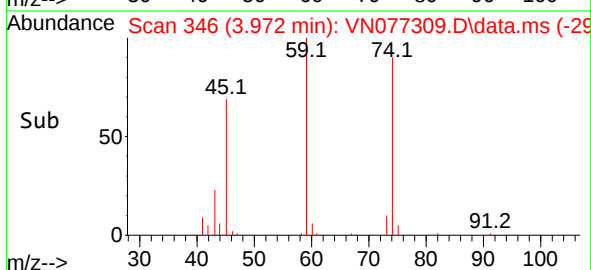
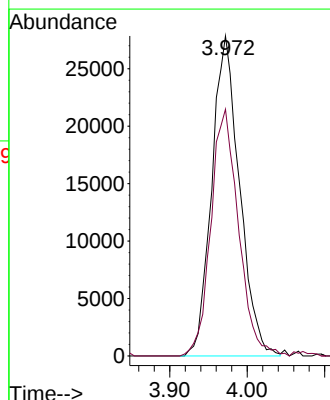
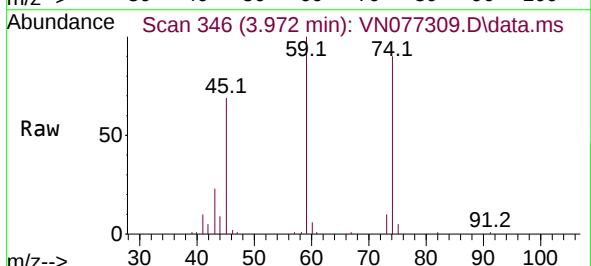
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS01

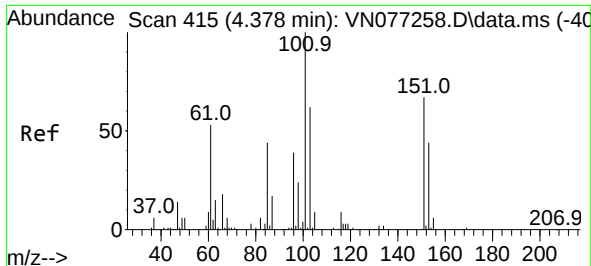
Tgt Ion:101 Resp: 180406
Ion Ratio Lower Upper
101 100
103 68.1 49.0 73.4



#8
Diethyl Ether
Concen: 17.992 ug/l
RT: 3.972 min Scan# 346
Delta R.T. -0.000 min
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Acq: 12 Apr 2023 11:42

Tgt Ion: 74 Resp: 69236
Ion Ratio Lower Upper
74 100
45 76.8 37.8 113.4

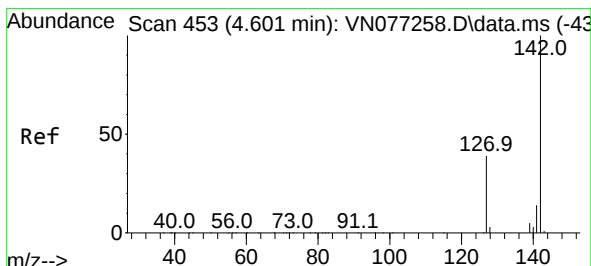
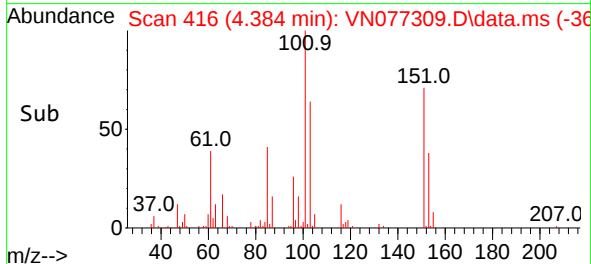
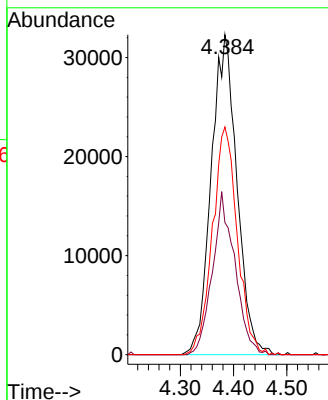
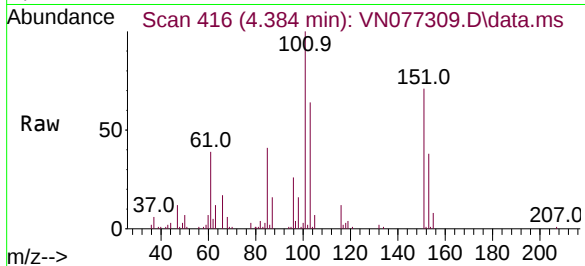




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.248 ug/l
RT: 4.384 min Scan# 415
Delta R.T. 0.006 min
Lab File: VN077309.D
Acq: 12 Apr 2023 11:42

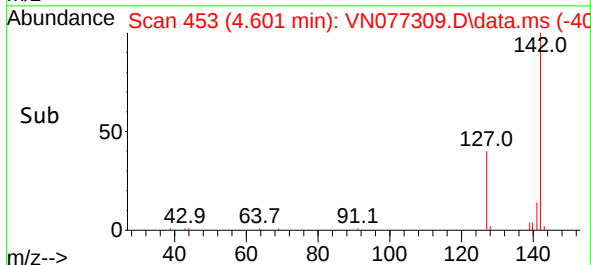
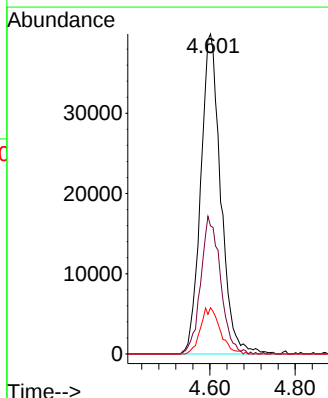
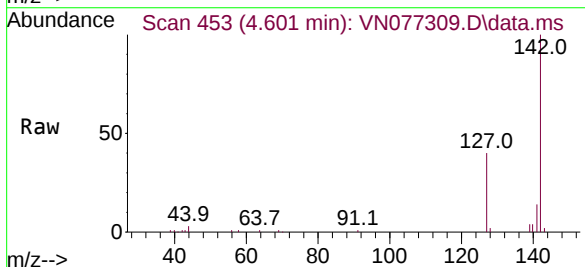
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS01

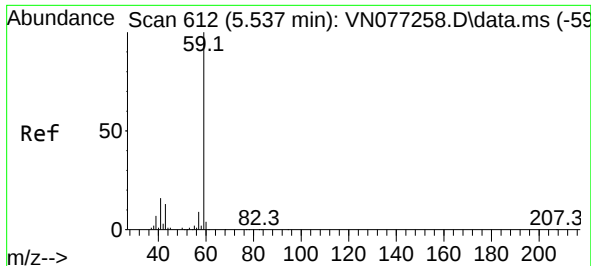
Tgt Ion:101 Resp: 108170
Ion Ratio Lower Upper
101 100
85 44.5 37.3 55.9
151 68.7 56.3 84.5



#10
Methyl Iodide
Concen: 19.005 ug/l
RT: 4.601 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN077309.D
Acq: 12 Apr 2023 11:42

Tgt Ion:142 Resp: 129894
Ion Ratio Lower Upper
142 100
127 40.0 31.5 47.3
141 14.4 11.4 17.2

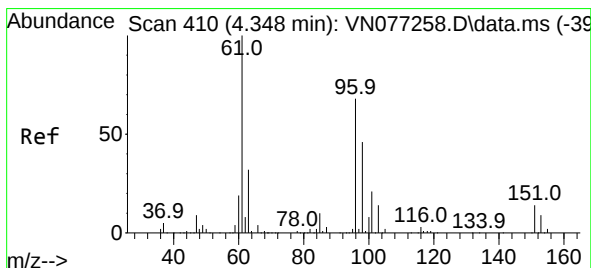
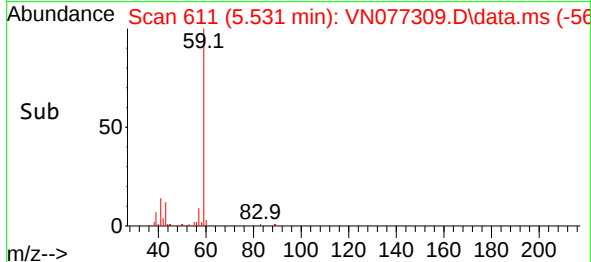
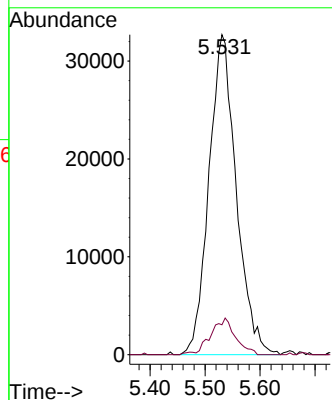
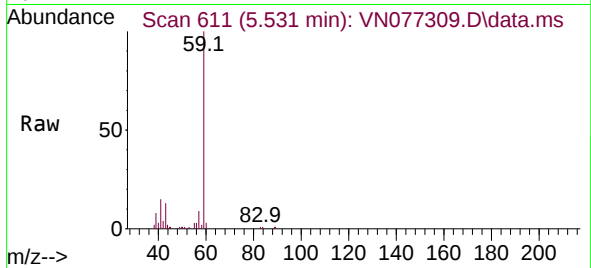




#11
Tert butyl alcohol
Concen: 81.981 ug/l
RT: 5.531 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN077309.D
Acq: 12 Apr 2023 11:42

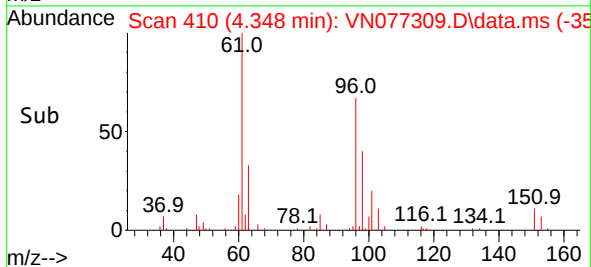
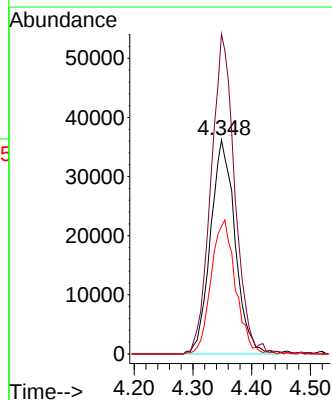
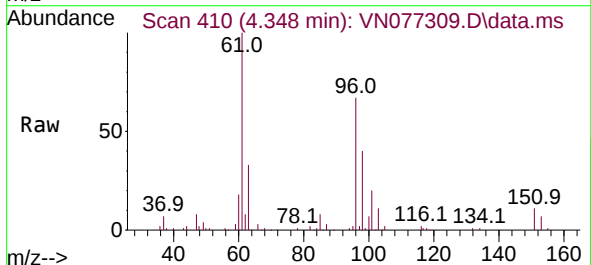
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS01

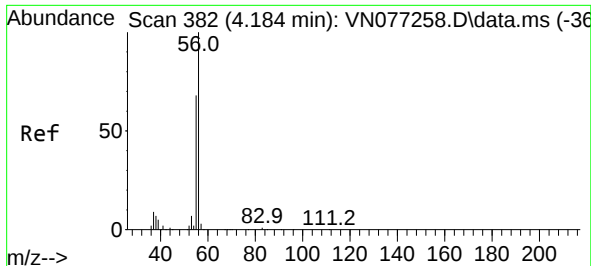
Tgt Ion: 59 Resp: 112907
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5



#12
1,1-Dichloroethene
Concen: 18.194 ug/l
RT: 4.348 min Scan# 410
Delta R.T. 0.000 min
Lab File: VN077309.D
Acq: 12 Apr 2023 11:42

Tgt Ion: 96 Resp: 105254
Ion Ratio Lower Upper
96 100
61 149.6 118.3 177.5
98 59.6 54.5 81.7





#13

Acrolein

Concen: 88.282 ug/l

RT: 4.190 min Scan# 383

Delta R.T. 0.006 min

Lab File: VN077309.D

Acq: 12 Apr 2023 11:42

Instrument :

MSVOA_N

ClientSampleId :

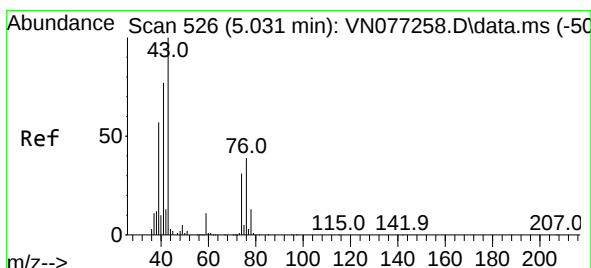
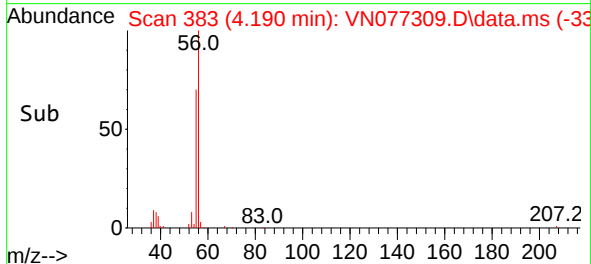
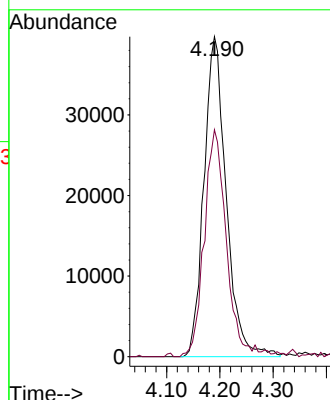
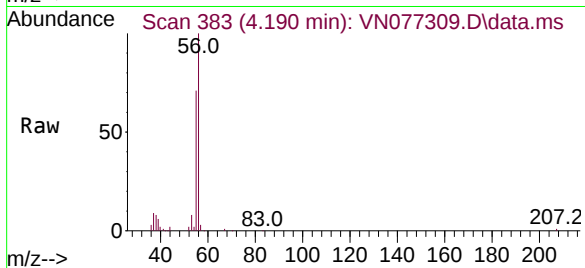
VN0412WBS01

Tgt Ion: 56 Resp: 115153

Ion Ratio Lower Upper

56 100

55 70.0 54.2 81.2



#14

Allyl chloride

Concen: 15.806 ug/l

RT: 5.037 min Scan# 527

Delta R.T. 0.006 min

Lab File: VN077309.D

Acq: 12 Apr 2023 11:42

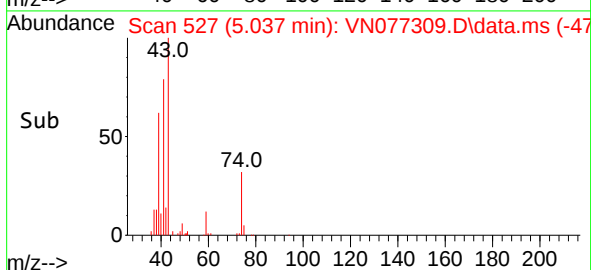
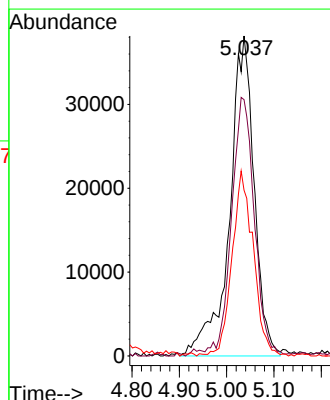
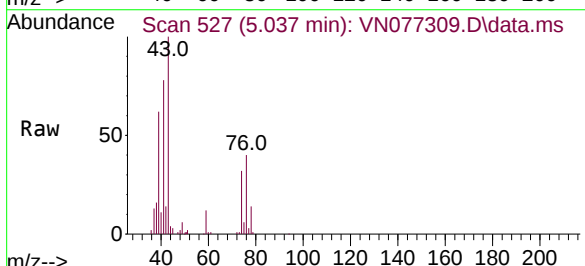
Tgt Ion: 41 Resp: 138102

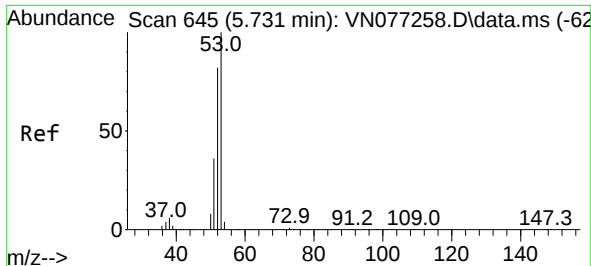
Ion Ratio Lower Upper

41 100

39 73.6 55.0 82.4

76 49.9 35.4 53.2

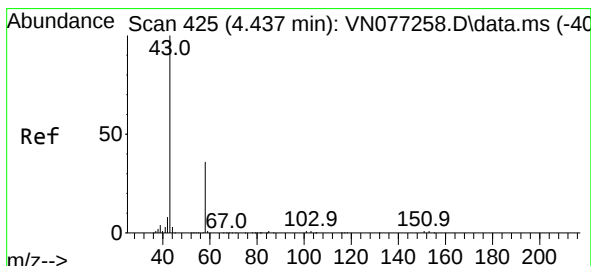
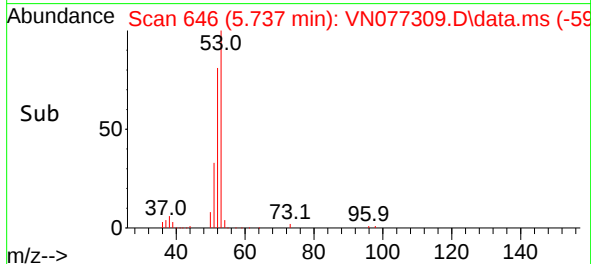
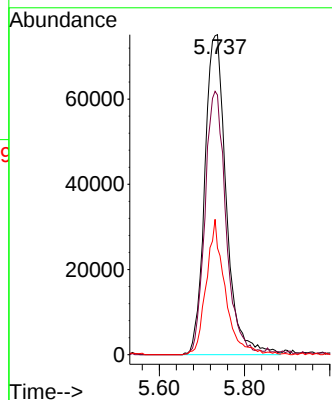
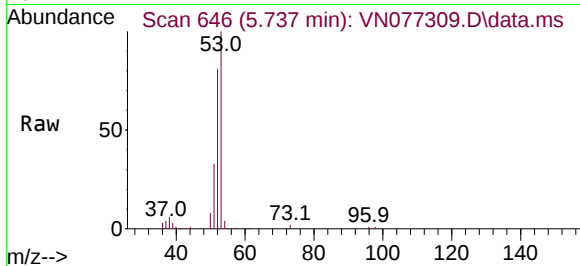




#15
Acrylonitrile
Concen: 86.228 ug/l
RT: 5.737 min Scan# 645
Delta R.T. 0.006 min
Lab File: VN077309.D
Acq: 12 Apr 2023 11:42

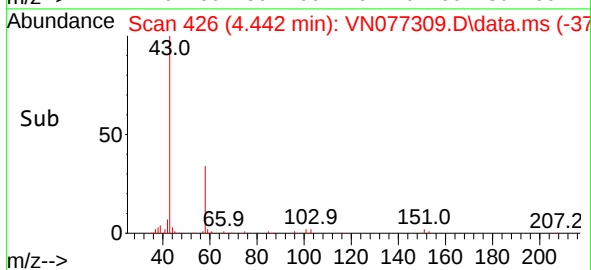
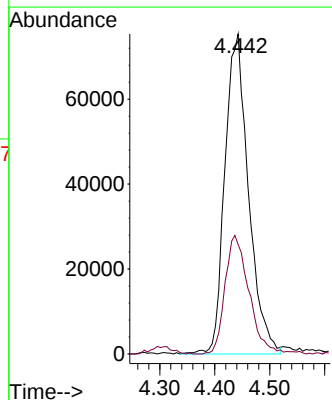
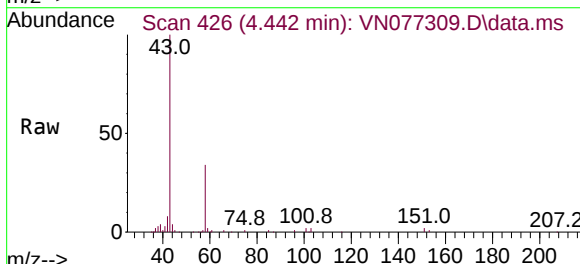
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS01

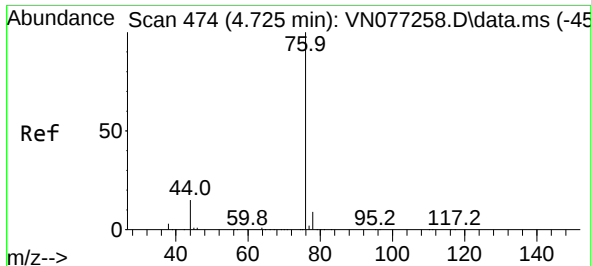
Tgt Ion: 53 Resp: 262543
Ion Ratio Lower Upper
53 100
52 80.6 65.2 97.8
51 36.8 28.1 42.1



#16
Acetone
Concen: 90.397 ug/l
RT: 4.442 min Scan# 426
Delta R.T. 0.005 min
Lab File: VN077309.D
Acq: 12 Apr 2023 11:42

Tgt Ion: 43 Resp: 224958
Ion Ratio Lower Upper
43 100
58 33.7 29.0 43.6

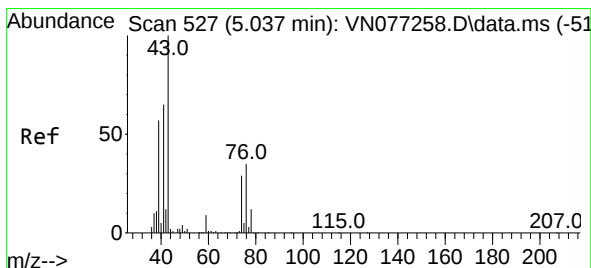
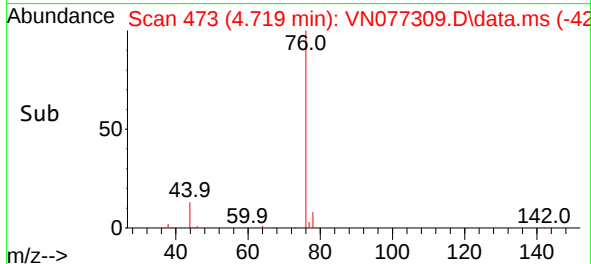
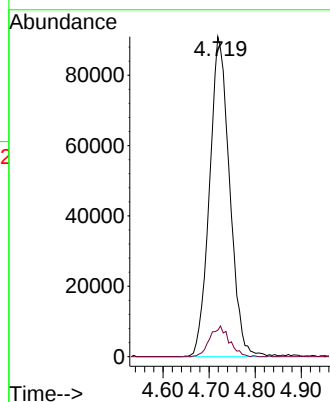
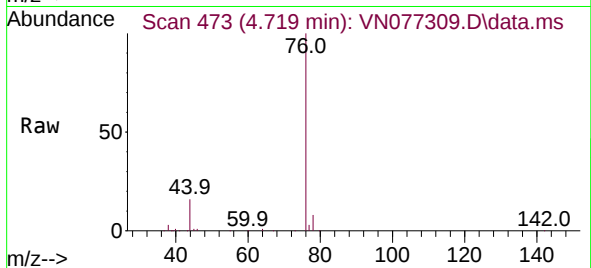




#17
Carbon Disulfide
Concen: 17.720 ug/l
RT: 4.719 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN077309.D
Acq: 12 Apr 2023 11:42

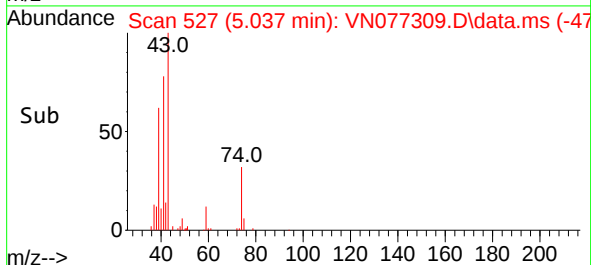
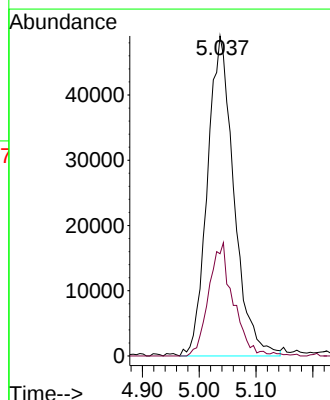
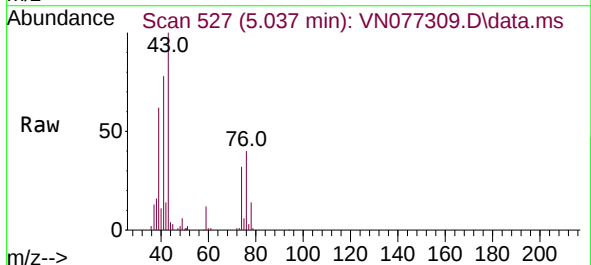
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS01

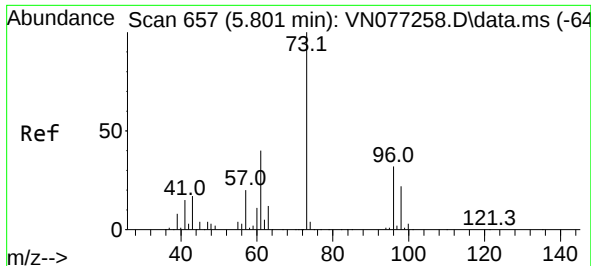
Tgt Ion: 76 Resp: 276429
Ion Ratio Lower Upper
76 100
78 8.2 7.3 10.9



#18
Methyl Acetate
Concen: 16.817 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN077309.D
Acq: 12 Apr 2023 11:42

Tgt Ion: 43 Resp: 159393
Ion Ratio Lower Upper
43 100
74 32.3 23.4 35.2

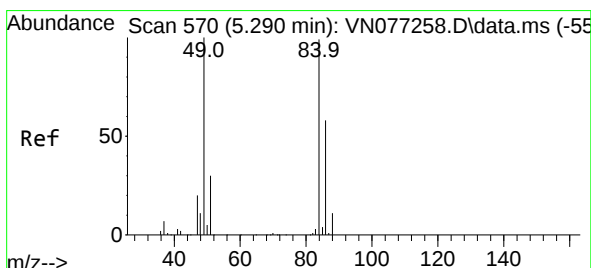
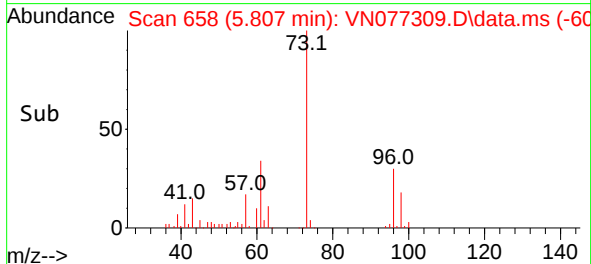
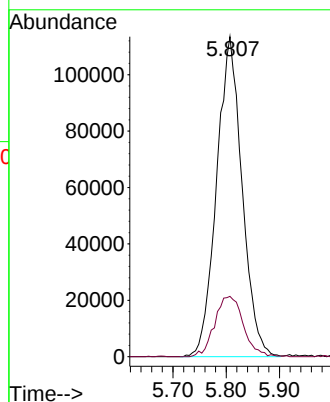
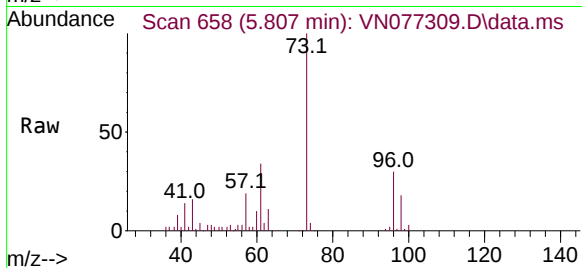




#19
Methyl tert-butyl Ether
Concen: 18.355 ug/l
RT: 5.807 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN077309.D
Acq: 12 Apr 2023 11:42

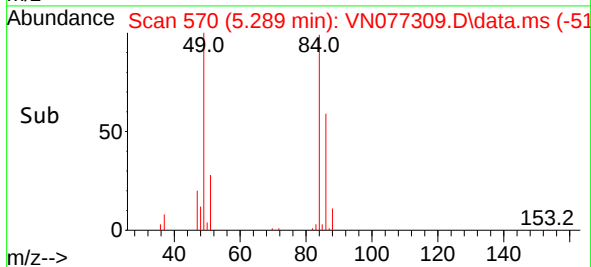
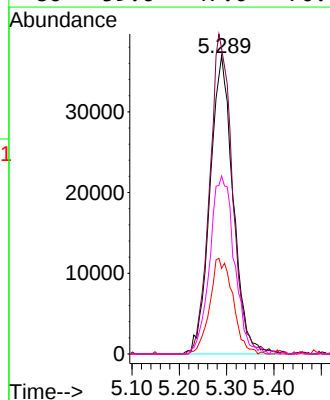
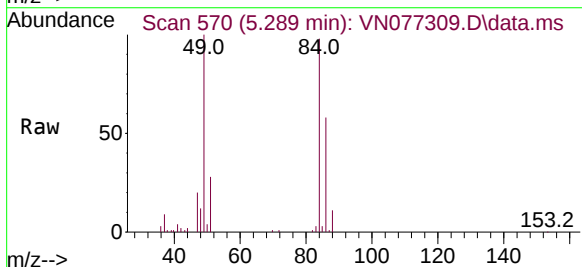
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS01

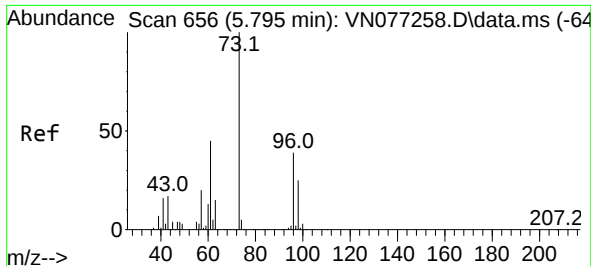
Tgt Ion: 73 Resp: 376767
Ion Ratio Lower Upper
73 100
57 18.9 16.2 24.4



#20
Methylene Chloride
Concen: 17.830 ug/l
RT: 5.289 min Scan# 570
Delta R.T. -0.001 min
Lab File: VN077309.D
Acq: 12 Apr 2023 11:42

Tgt Ion: 84 Resp: 125309
Ion Ratio Lower Upper
84 100
49 102.3 80.6 121.0
51 28.7 24.4 36.6
86 59.6 47.0 70.6

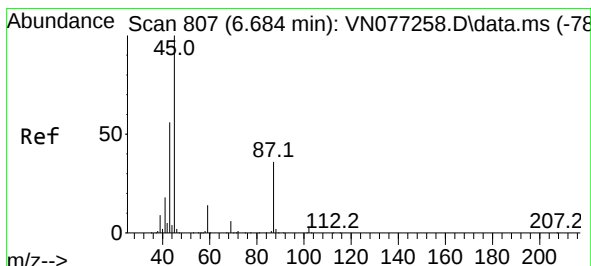
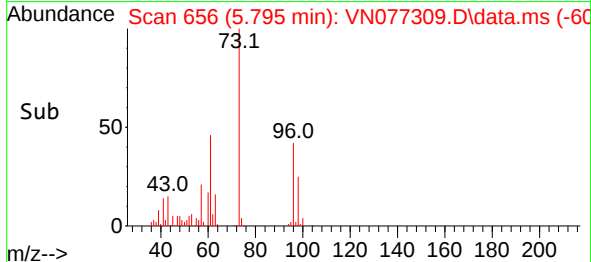
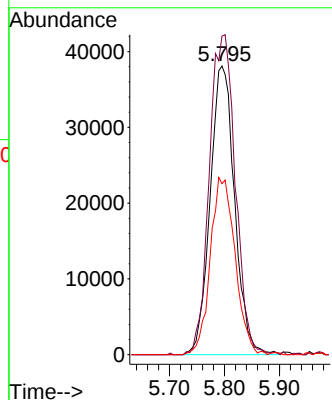
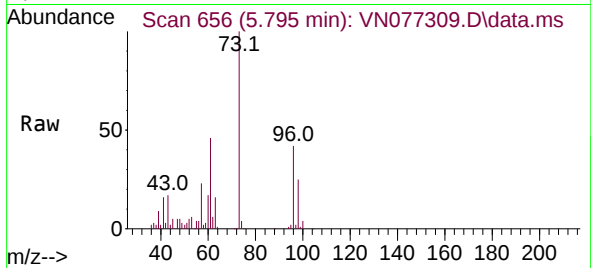




#21
trans-1,2-Dichloroethene
Concen: 18.618 ug/l
RT: 5.795 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN077309.D
Acq: 12 Apr 2023 11:42

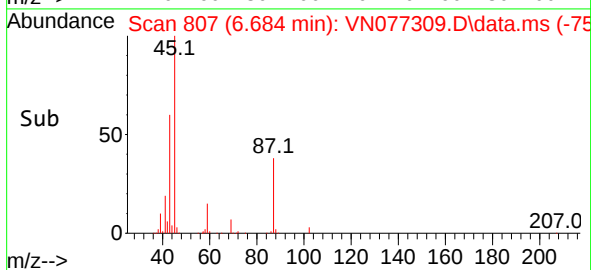
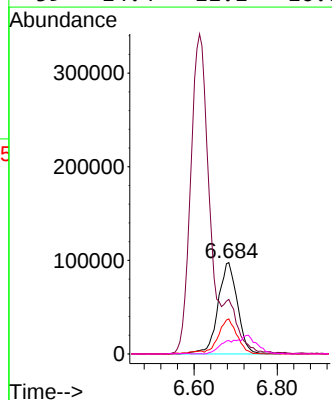
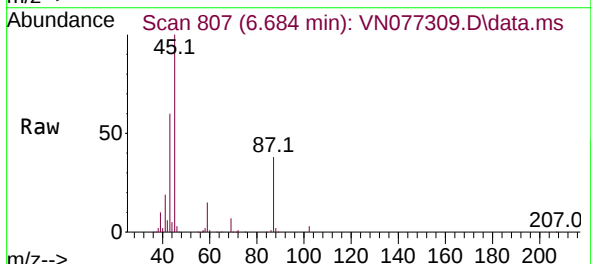
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS01

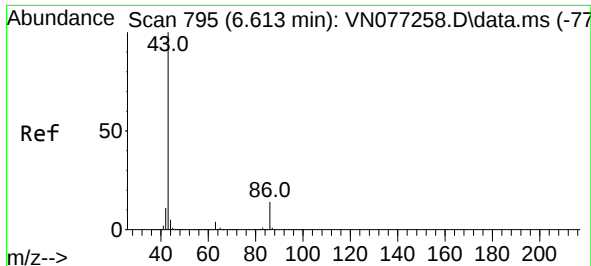
Tgt Ion: 96 Resp: 117926
Ion Ratio Lower Upper
96 100
61 110.4 93.8 140.6
98 59.2 50.9 76.3



#22
Diisopropyl ether
Concen: 18.118 ug/l
RT: 6.684 min Scan# 807
Delta R.T. -0.000 min
Lab File: VN077309.D
Acq: 12 Apr 2023 11:42

Tgt Ion: 45 Resp: 317371
Ion Ratio Lower Upper
45 100
43 58.2 44.6 66.8
87 38.4 28.4 42.6
59 14.4 11.1 16.7

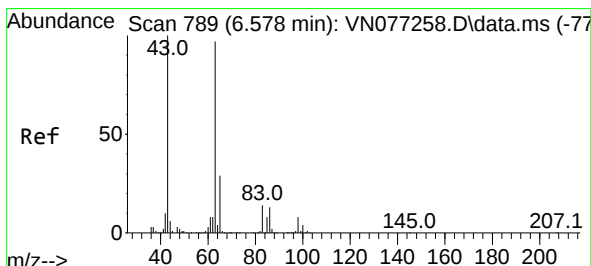
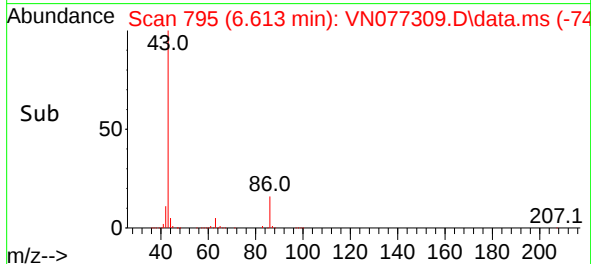
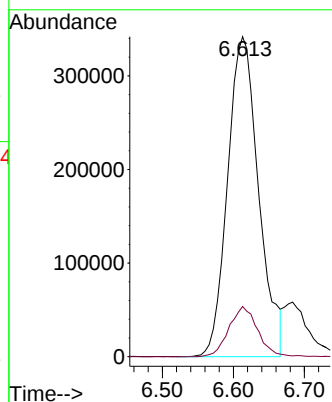
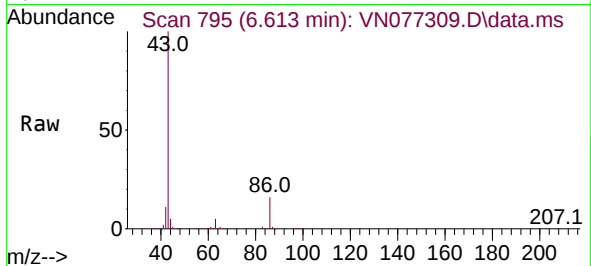




#23
 Vinyl Acetate
 Concen: 87.674 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. -0.000 min
 Lab File: VN077309.D
 Acq: 12 Apr 2023 11:42

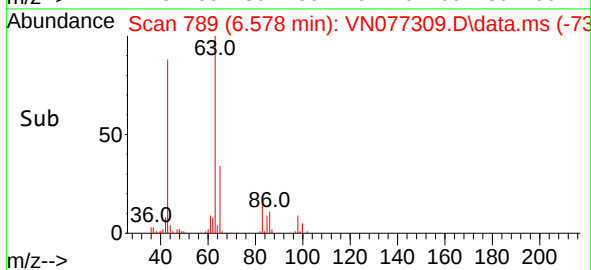
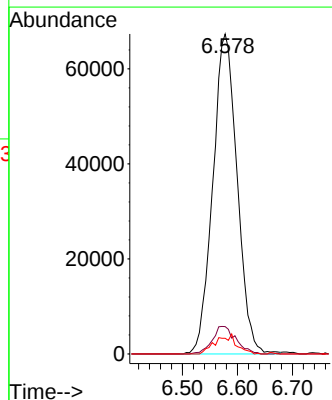
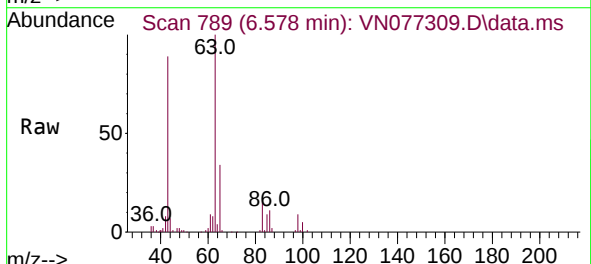
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0412WBS01

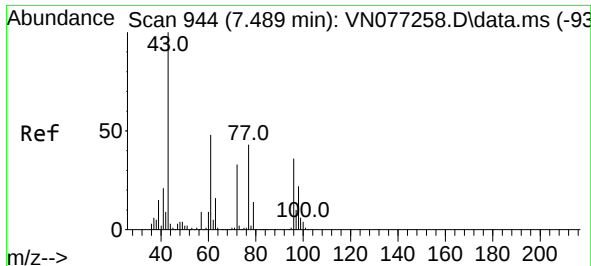
Tgt Ion: 43 Resp: 1038410
 Ion Ratio Lower Upper
 43 100
 86 15.7 11.2 16.8



#24
 1,1-Dichloroethane
 Concen: 18.297 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: VN077309.D
 Acq: 12 Apr 2023 11:42

Tgt Ion: 63 Resp: 206969
 Ion Ratio Lower Upper
 63 100
 98 8.6 4.0 12.0
 100 4.9 2.3 6.9

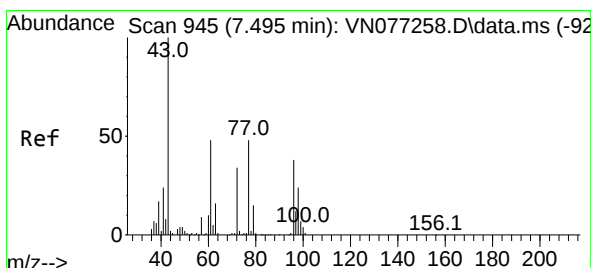
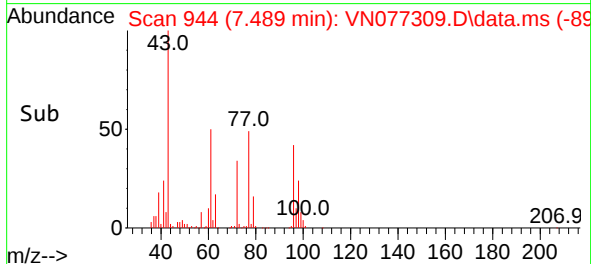
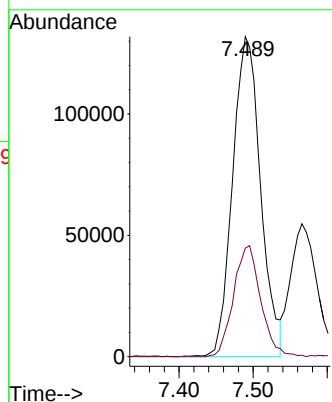
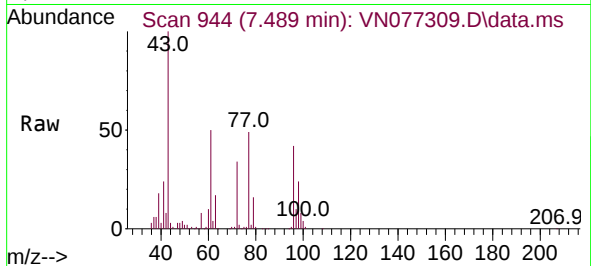




#25
2-Butanone
Concen: 85.777 ug/l
RT: 7.489 min Scan# 944
Delta R.T. 0.000 min
Lab File: VN077309.D
Acq: 12 Apr 2023 11:42

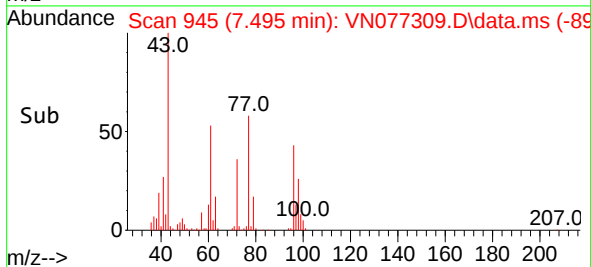
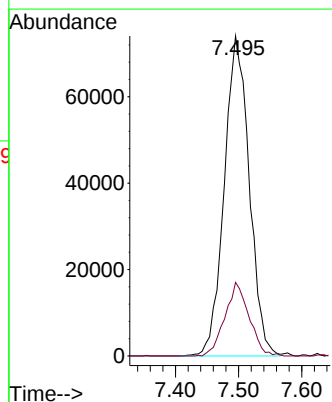
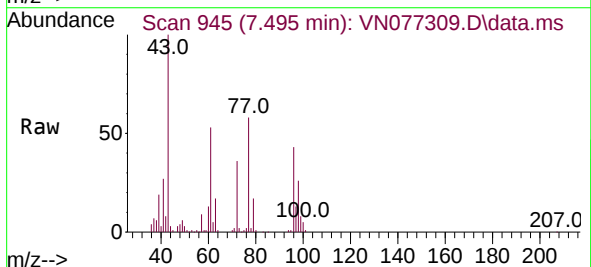
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS01

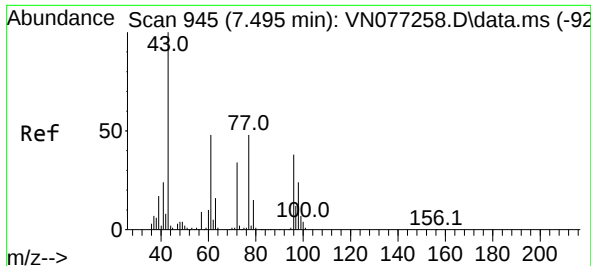
Tgt Ion: 43 Resp: 346441
Ion Ratio Lower Upper
43 100
72 33.9 26.6 39.8



#26
2,2-Dichloropropane
Concen: 19.610 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN077309.D
Acq: 12 Apr 2023 11:42

Tgt Ion: 77 Resp: 203398
Ion Ratio Lower Upper
77 100
97 22.2 12.0 36.1

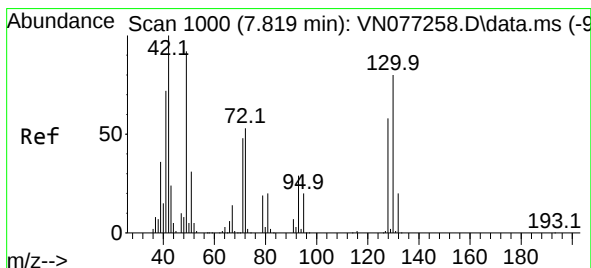
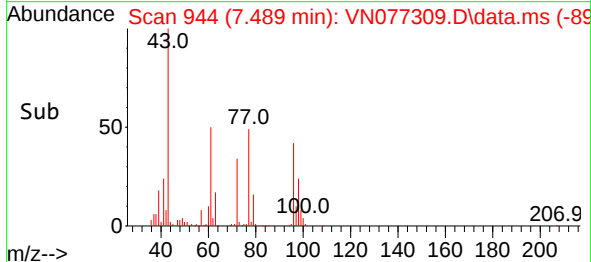
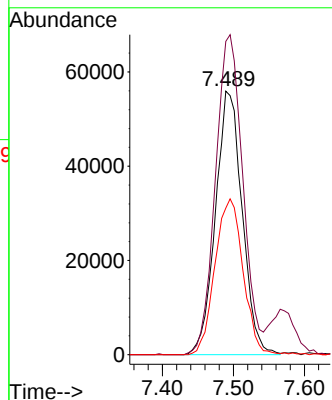
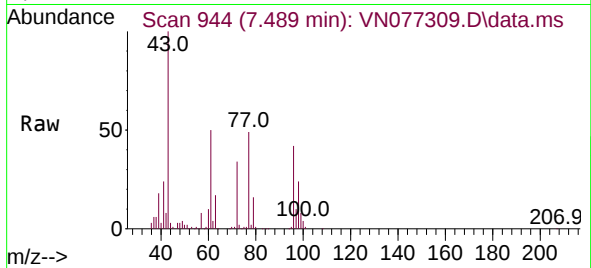




#27
 cis-1,2-Dichloroethene
 Concen: 18.881 ug/l
 RT: 7.489 min Scan# 945
 Delta R.T. -0.006 min
 Lab File: VN077309.D
 Acq: 12 Apr 2023 11:42

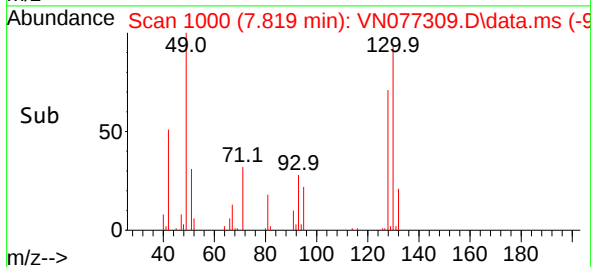
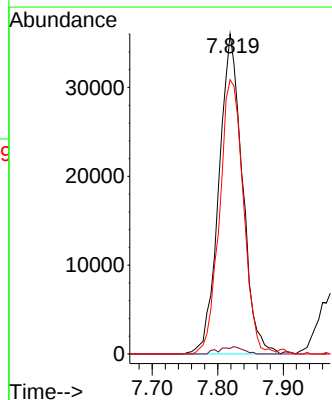
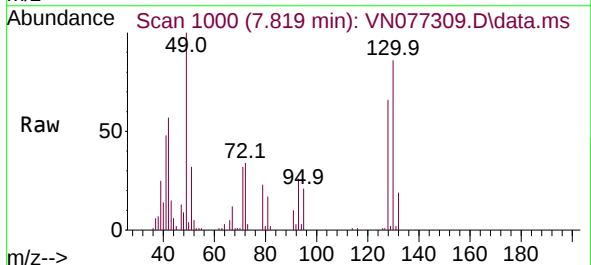
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0412WBS01

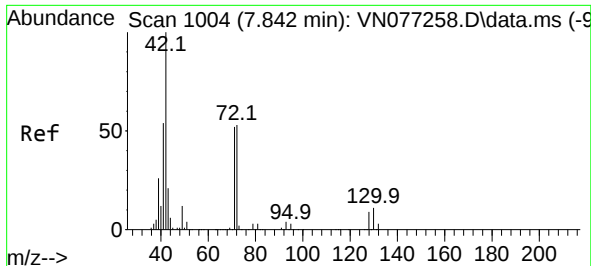
Tgt Ion: 96 Resp: 146045
 Ion Ratio Lower Upper
 96 100
 61 124.3 0.0 261.0
 98 62.1 0.0 128.0



#28
 Bromochloromethane
 Concen: 19.679 ug/l
 RT: 7.819 min Scan# 1000
 Delta R.T. -0.000 min
 Lab File: VN077309.D
 Acq: 12 Apr 2023 11:42

Tgt Ion: 49 Resp: 89542
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.4
 130 86.8 68.4 102.6





#29

Tetrahydrofuran

Concen: 82.113 ug/l

RT: 7.848 min Scan# 1005

Delta R.T. 0.006 min

Lab File: VN077309.D

Acq: 12 Apr 2023 11:42

Instrument :

MSVOA_N

ClientSampleId :

VN0412WBS01

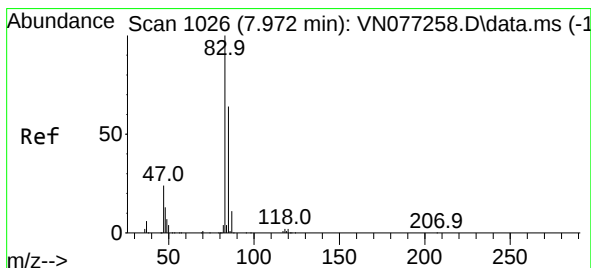
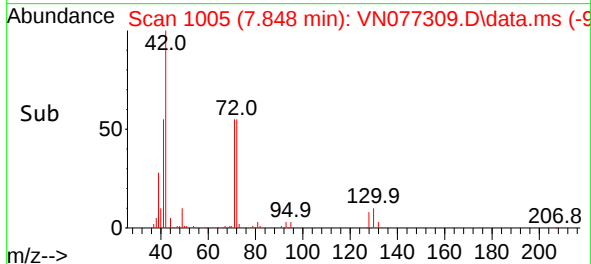
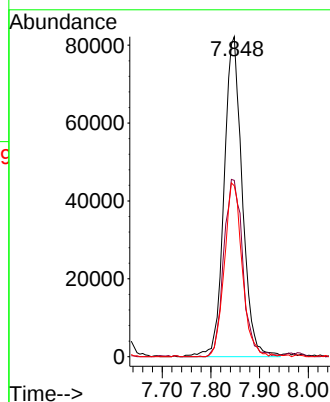
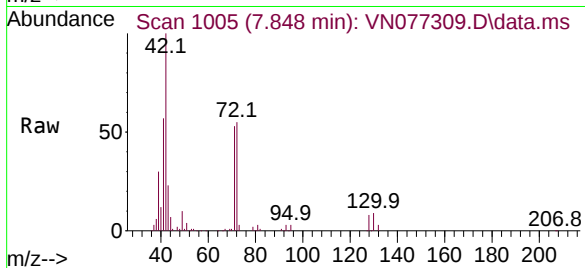
Tgt Ion: 42 Resp: 213188

Ion Ratio Lower Upper

42 100

72 57.9 44.6 66.8

71 53.1 41.3 61.9



#30

Chloroform

Concen: 18.505 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN077309.D

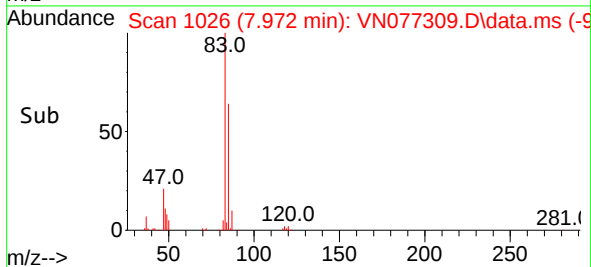
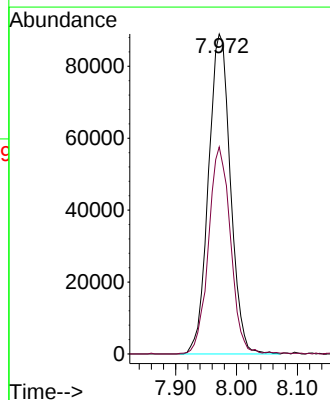
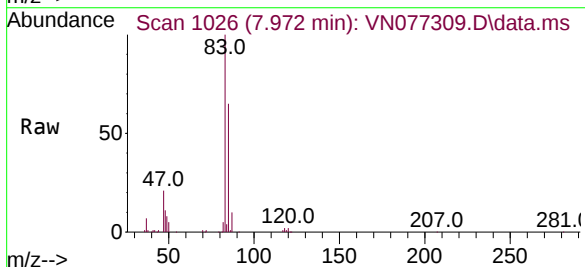
Acq: 12 Apr 2023 11:42

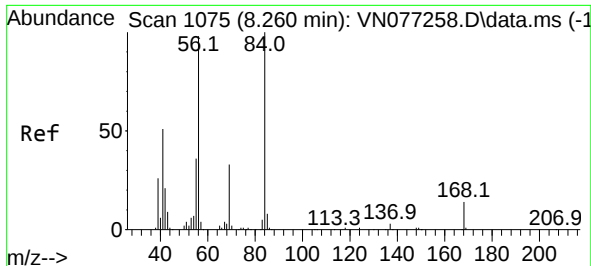
Tgt Ion: 83 Resp: 223212

Ion Ratio Lower Upper

83 100

85 64.5 50.9 76.3

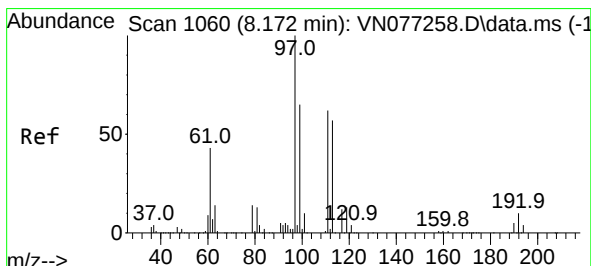
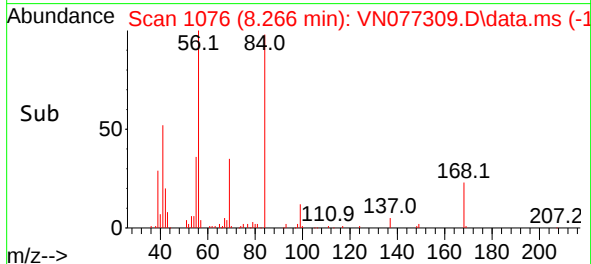
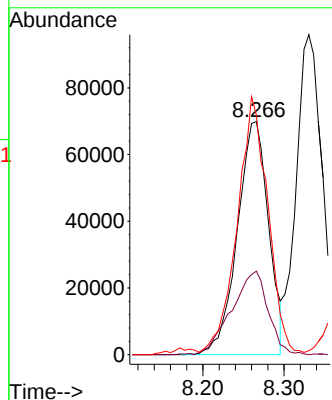
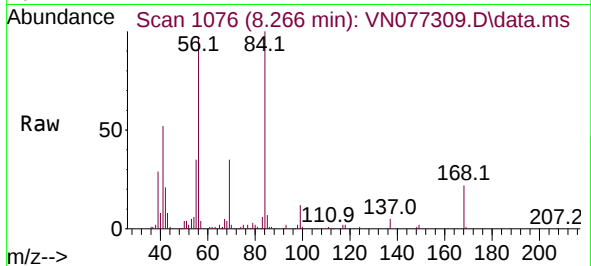




#31
Cyclohexane
Concen: 17.822 ug/l
RT: 8.266 min Scan# 1075
Delta R.T. 0.006 min
Lab File: VN077309.D
Acq: 12 Apr 2023 11:42

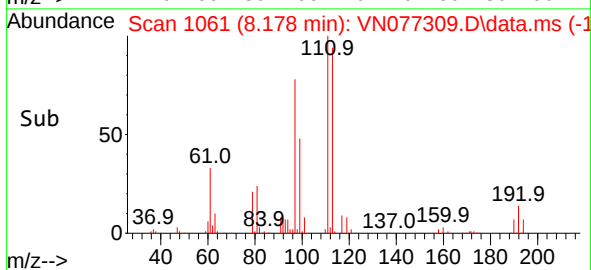
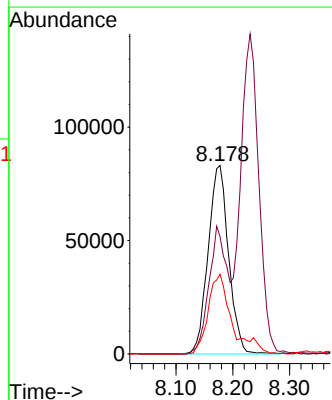
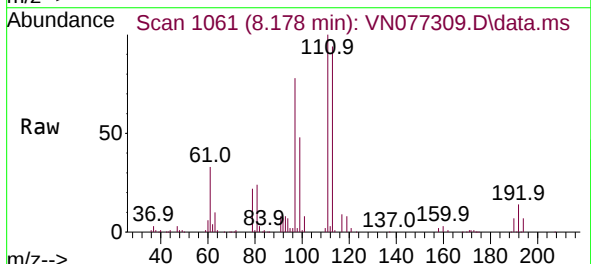
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS01

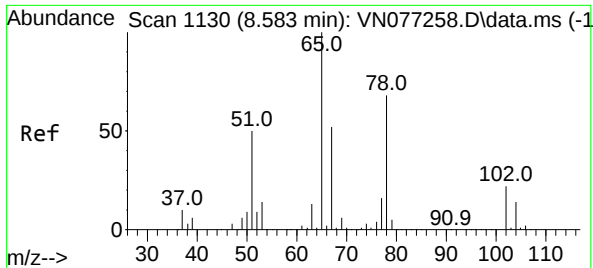
Tgt Ion: 56 Resp: 186911
Ion Ratio Lower Upper
56 100
69 35.5 26.6 40.0
84 99.9 81.8 122.8



#32
1,1,1-Trichloroethane
Concen: 18.911 ug/l
RT: 8.178 min Scan# 1061
Delta R.T. 0.006 min
Lab File: VN077309.D
Acq: 12 Apr 2023 11:42

Tgt Ion: 97 Resp: 207465
Ion Ratio Lower Upper
97 100
99 59.2 54.2 81.4
61 49.0 35.8 53.6





#33

1,2-Dichloroethane-d4

Concen: 42.754 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN077309.D

Acq: 12 Apr 2023 11:42

Instrument :

MSVOA_N

ClientSampleId :

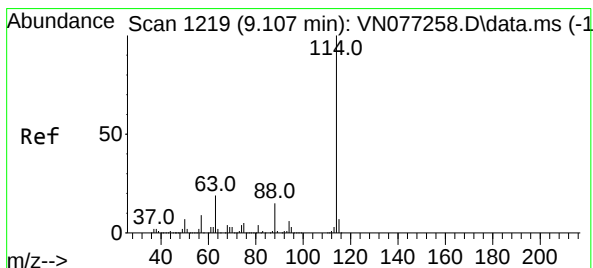
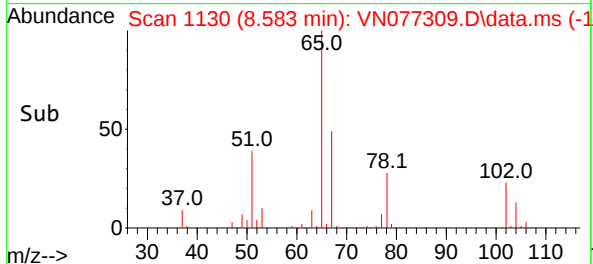
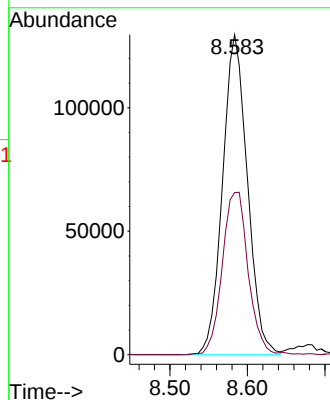
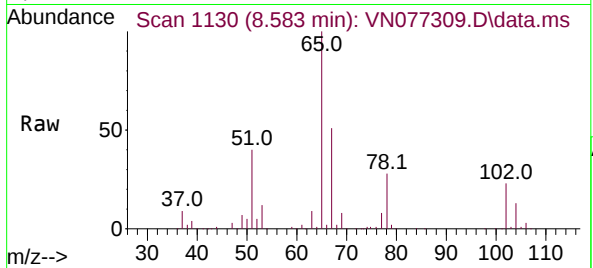
VN0412WBS01

Tgt Ion: 65 Resp: 288571

Ion Ratio Lower Upper

65 100

67 53.2 0.0 108.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VN077309.D

Acq: 12 Apr 2023 11:42

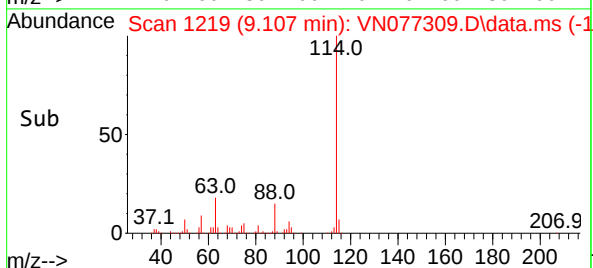
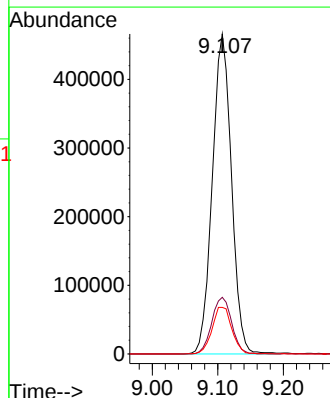
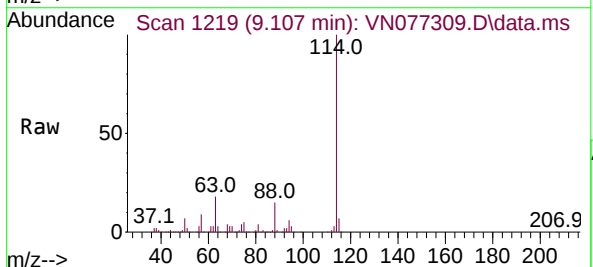
Tgt Ion: 114 Resp: 943664

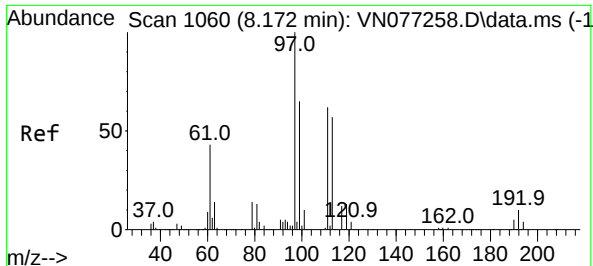
Ion Ratio Lower Upper

114 100

63 17.7 0.0 37.8

88 14.6 0.0 29.4





#35

Dibromofluoromethane

Concen: 42.513 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077309.D

Acq: 12 Apr 2023 11:42

Instrument :

MSVOA_N

ClientSampleId :

VN0412WBS01

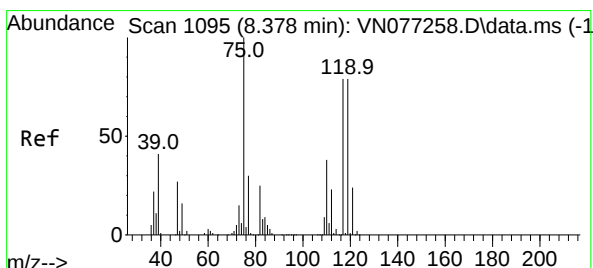
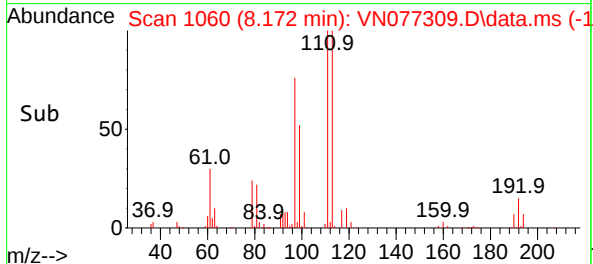
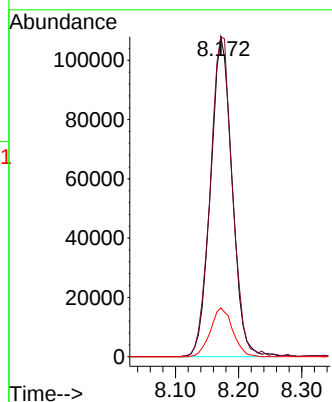
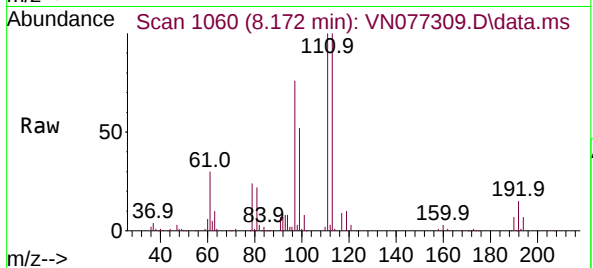
Tgt Ion:113 Resp: 256825

Ion Ratio Lower Upper

113 100

111 102.1 83.4 125.0

192 15.7 13.5 20.3



#36

1,1-Dichloropropene

Concen: 18.923 ug/l

RT: 8.378 min Scan# 1095

Delta R.T. -0.000 min

Lab File: VN077309.D

Acq: 12 Apr 2023 11:42

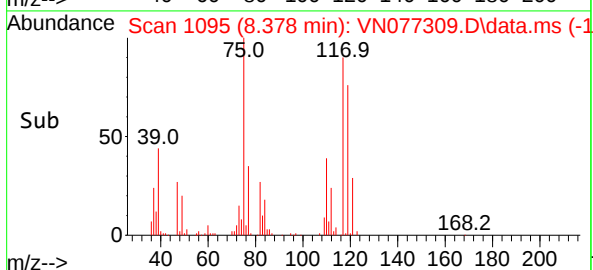
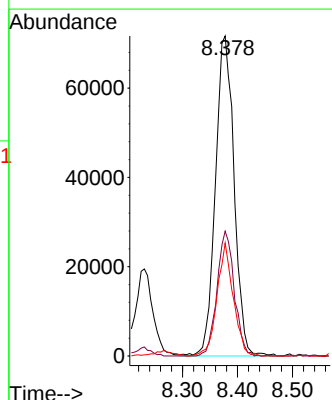
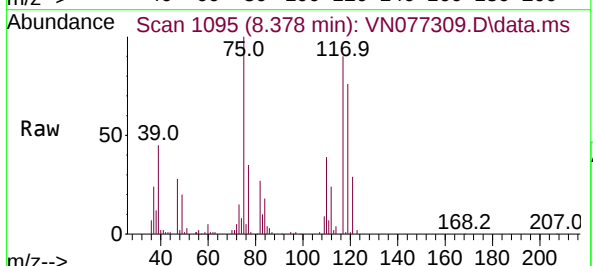
Tgt Ion: 75 Resp: 169073

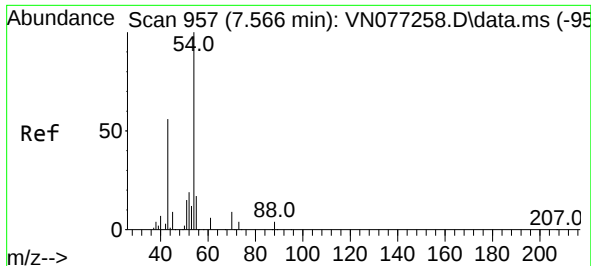
Ion Ratio Lower Upper

75 100

110 36.2 17.8 53.5

77 30.9 25.0 37.4

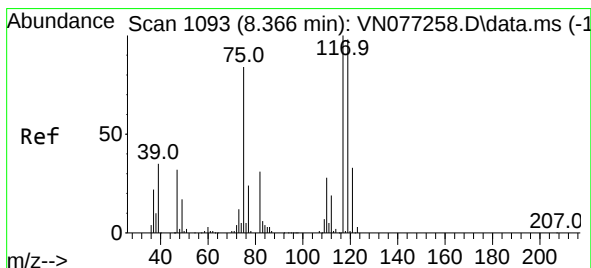
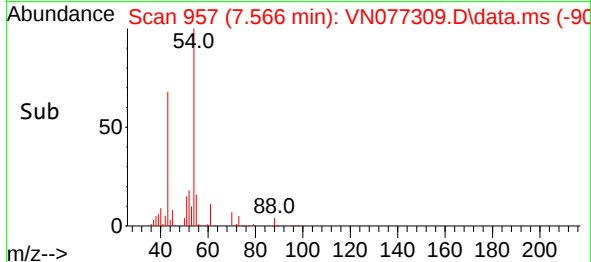
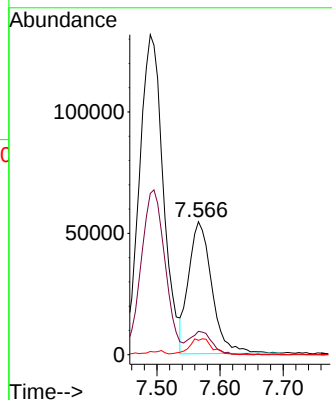
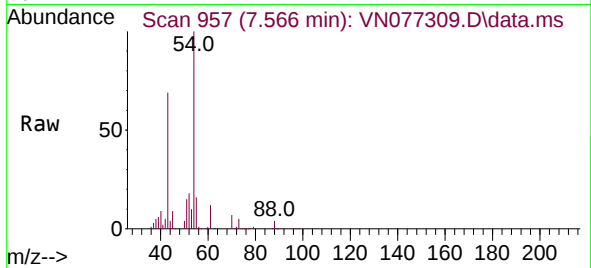




#37
Ethyl Acetate
Concen: 17.300 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN077309.D
Acq: 12 Apr 2023 11:42

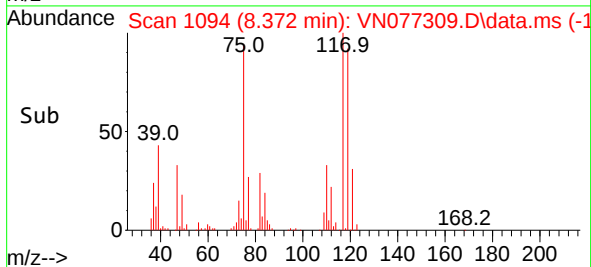
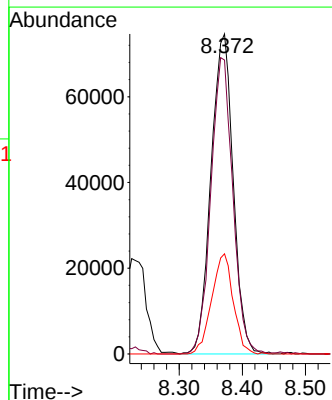
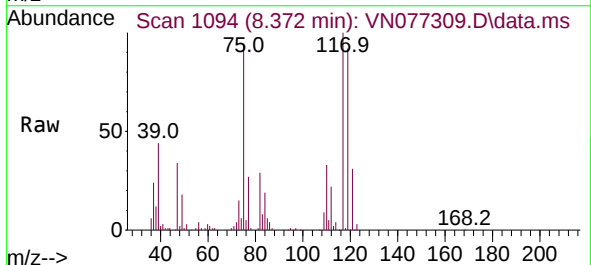
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS01

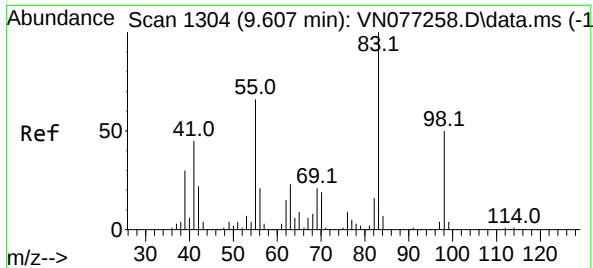
Tgt Ion: 43 Resp: 138294
Ion Ratio Lower Upper
43 100
61 16.9 12.2 18.2
70 12.1 10.0 15.0



#38
Carbon Tetrachloride
Concen: 19.930 ug/l
RT: 8.372 min Scan# 1094
Delta R.T. 0.006 min
Lab File: VN077309.D
Acq: 12 Apr 2023 11:42

Tgt Ion: 117 Resp: 182435
Ion Ratio Lower Upper
117 100
119 91.8 78.5 117.7
121 31.3 26.6 40.0

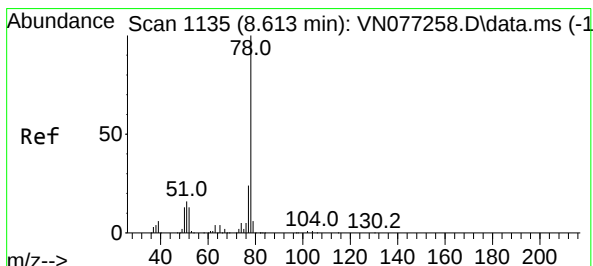
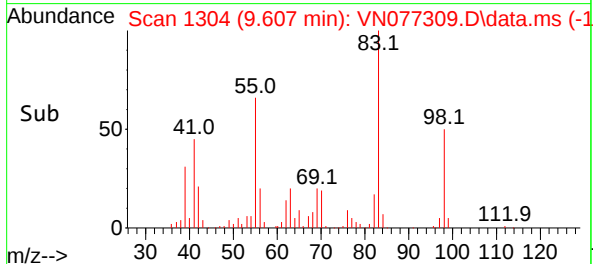
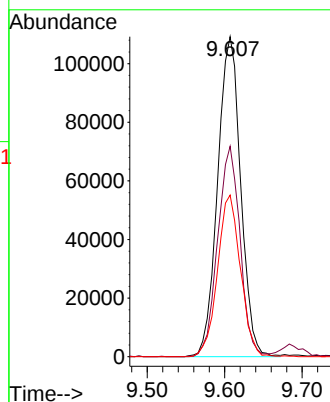
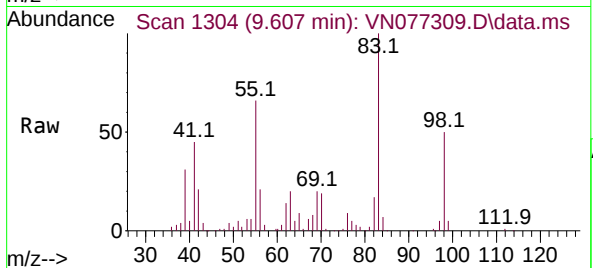




#39
Methylcyclohexane
Concen: 18.766 ug/l
RT: 9.607 min Scan# 1135
Delta R.T. -0.000 min
Lab File: VN077309.D
Acq: 12 Apr 2023 11:42

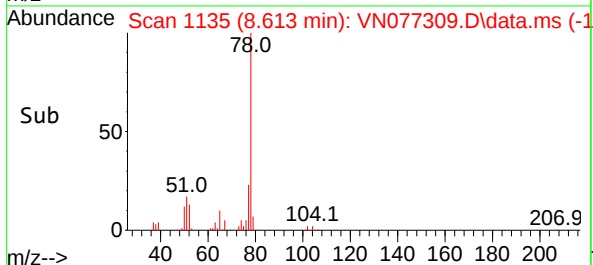
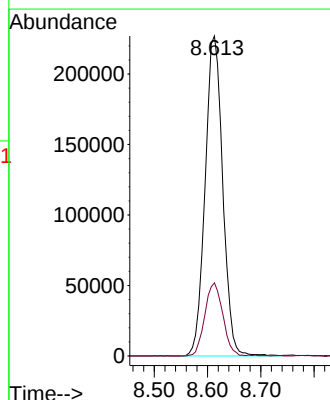
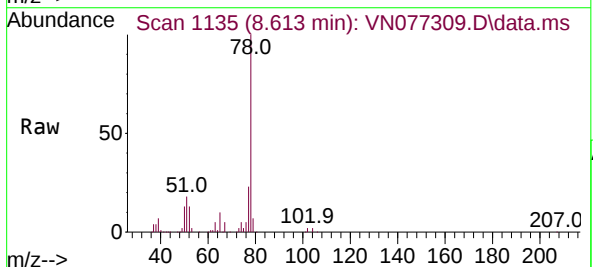
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS01

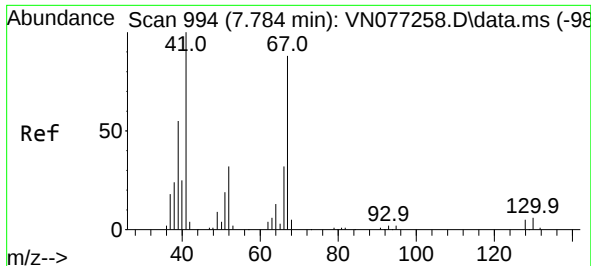
Tgt Ion: 83 Resp: 226091
Ion Ratio Lower Upper
83 100
55 65.7 52.4 78.6
98 50.5 39.8 59.6



#40
Benzene
Concen: 18.732 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. -0.000 min
Lab File: VN077309.D
Acq: 12 Apr 2023 11:42

Tgt Ion: 78 Resp: 522033
Ion Ratio Lower Upper
78 100
77 22.9 19.5 29.3



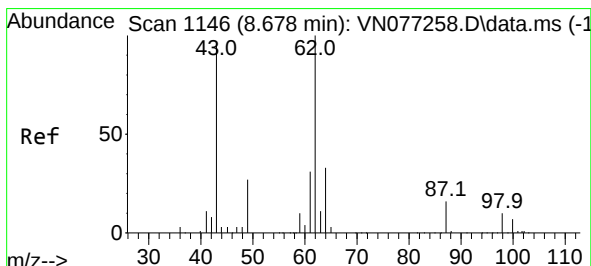
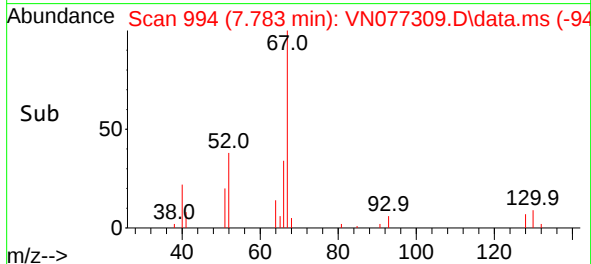
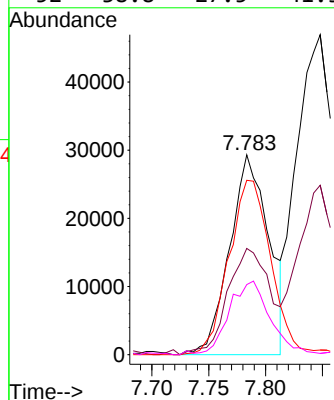
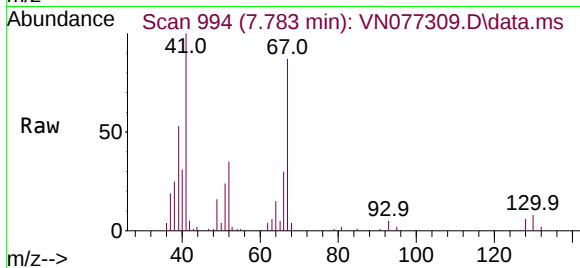


#41
Methacrylonitrile
Concen: 16.376 ug/l
RT: 7.783 min Scan# 994
Delta R.T. -0.001 min
Lab File: VN077309.D
Acq: 12 Apr 2023 11:42

Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS01

Tgt Ion: 41 Resp: 70366

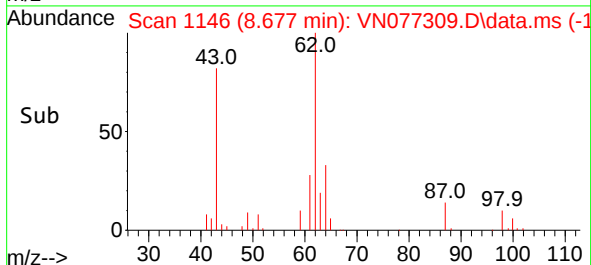
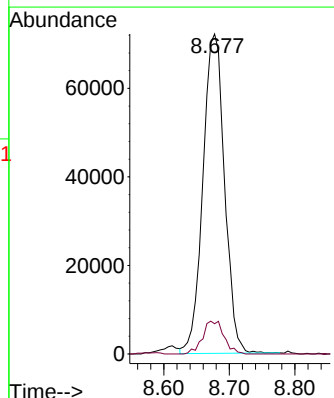
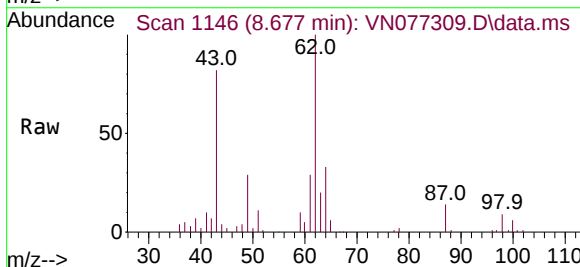
Ion	Ratio	Lower	Upper
41	100		
39	57.2	44.1	66.1
67	94.3	71.4	107.2
52	38.8	27.5	41.3

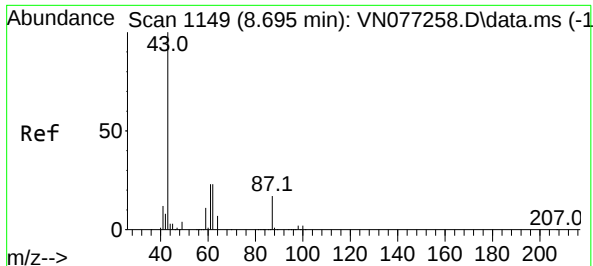


#42
1,2-Dichloroethane
Concen: 19.311 ug/l
RT: 8.677 min Scan# 1146
Delta R.T. -0.001 min
Lab File: VN077309.D
Acq: 12 Apr 2023 11:42

Tgt Ion: 62 Resp: 165630

Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.2





#43

Isopropyl Acetate

Concen: 16.981 ug/l

RT: 8.695 min Scan# 1149

Delta R.T. 0.000 min

Lab File: VN077309.D

Acq: 12 Apr 2023 11:42

Instrument :

MSVOA_N

ClientSampleId :

VN0412WBS01

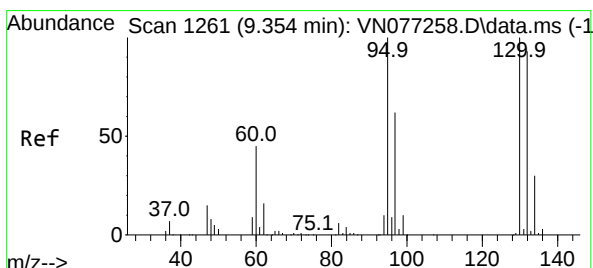
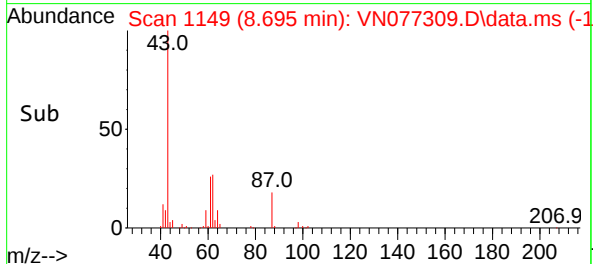
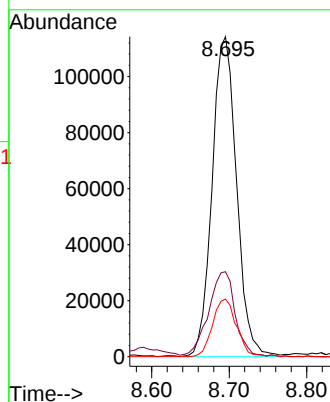
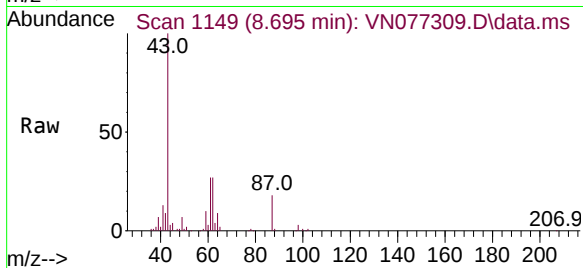
Tgt Ion: 43 Resp: 250481

Ion Ratio Lower Upper

43 100

61 29.2 22.7 34.1

87 17.7 13.6 20.4



#44

Trichloroethene

Concen: 19.262 ug/l

RT: 9.360 min Scan# 1262

Delta R.T. 0.006 min

Lab File: VN077309.D

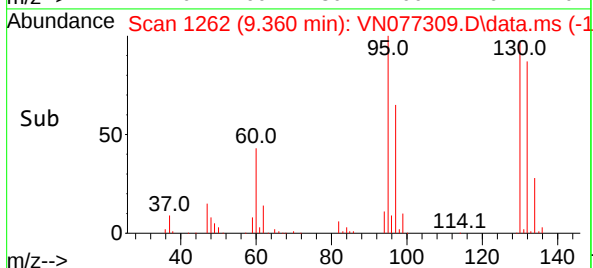
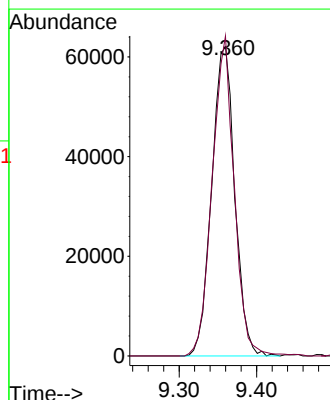
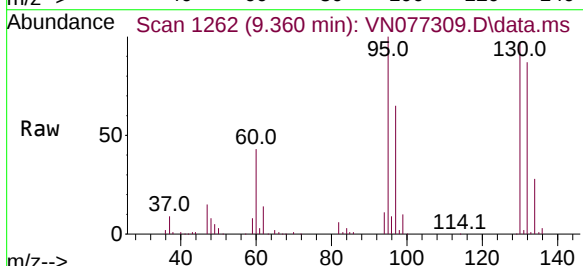
Acq: 12 Apr 2023 11:42

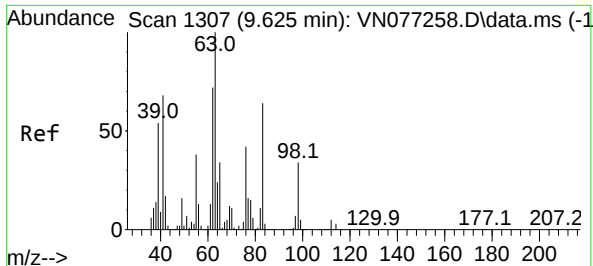
Tgt Ion: 130 Resp: 128442

Ion Ratio Lower Upper

130 100

95 103.5 0.0 200.2





#45

1,2-Dichloropropane

Concen: 19.498 ug/l

RT: 9.630 min Scan# 11

Delta R.T. 0.005 min

Lab File: VN077309.D

Acq: 12 Apr 2023 11:42

Instrument :

MSVOA_N

ClientSampleId :

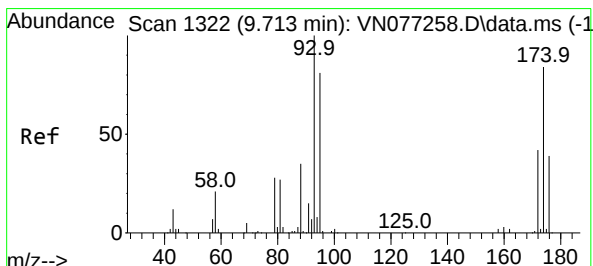
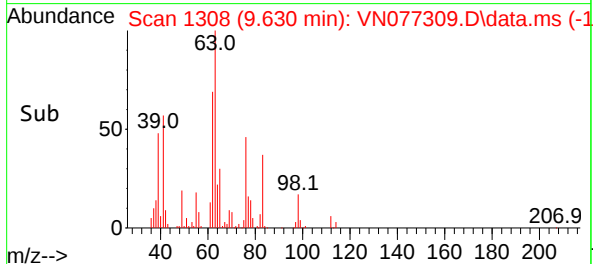
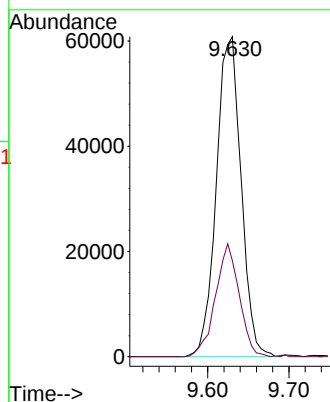
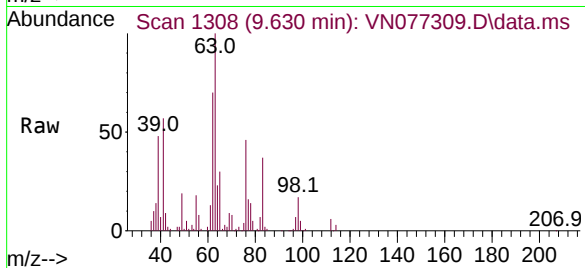
VN0412WBS01

Tgt Ion: 63 Resp: 129051

Ion Ratio Lower Upper

63 100

65 30.0 27.1 40.7



#46

Dibromomethane

Concen: 18.710 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077309.D

Acq: 12 Apr 2023 11:42

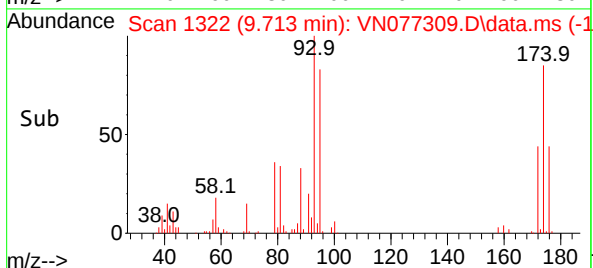
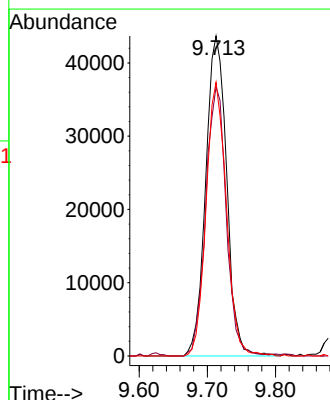
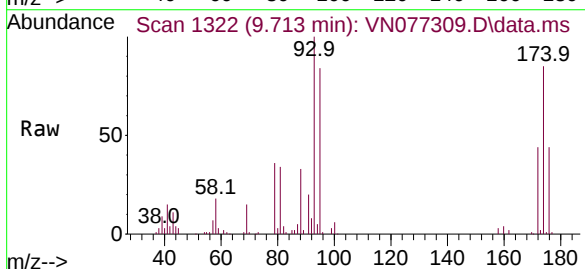
Tgt Ion: 93 Resp: 93301

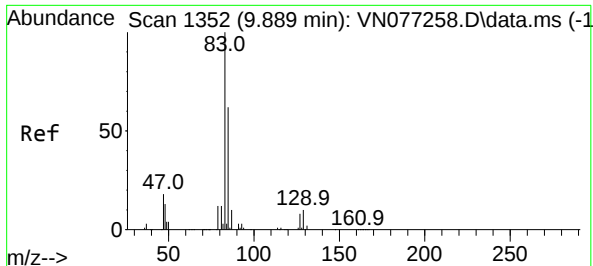
Ion Ratio Lower Upper

93 100

95 82.6 65.8 98.6

174 82.9 66.0 99.0





#47

Bromodichloromethane

Concen: 18.616 ug/l

RT: 9.895 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN077309.D

Acq: 12 Apr 2023 11:42

Instrument :

MSVOA_N

ClientSampleId :

VN0412WBS01

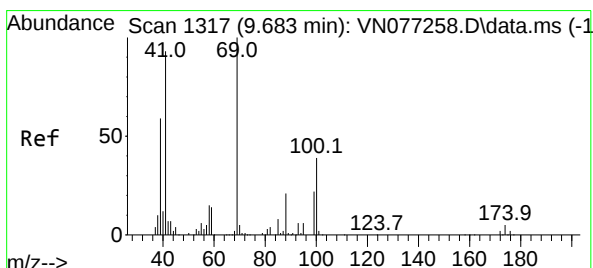
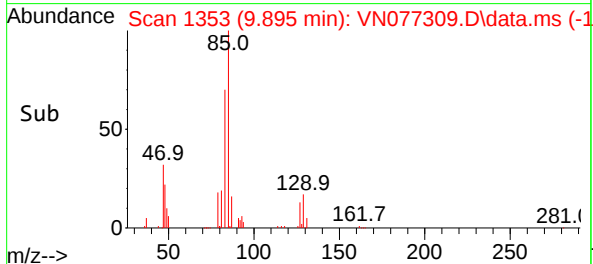
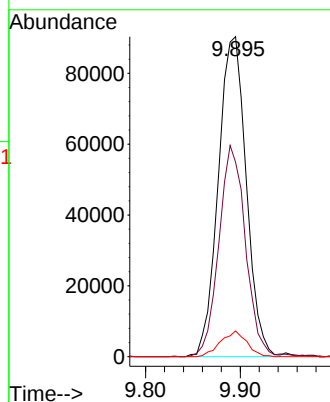
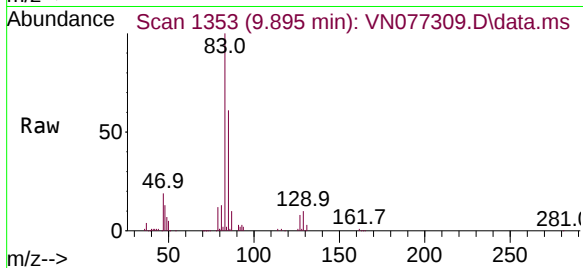
Tgt Ion: 83 Resp: 185555

Ion Ratio Lower Upper

83 100

85 60.8 49.8 74.8

127 8.1 6.2 9.2



#48

Methyl methacrylate

Concen: 17.000 ug/l

RT: 9.683 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VN077309.D

Acq: 12 Apr 2023 11:42

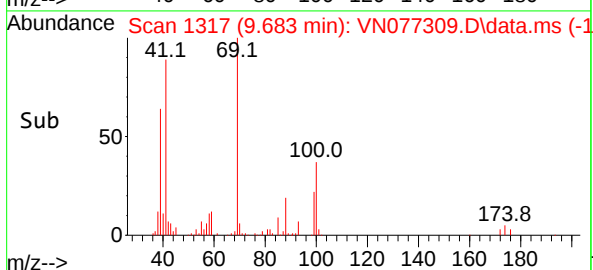
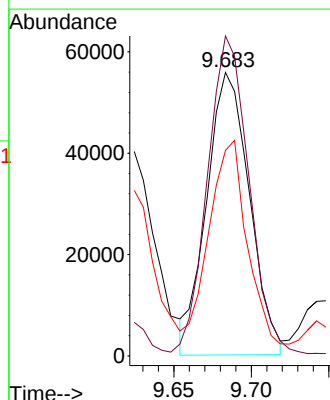
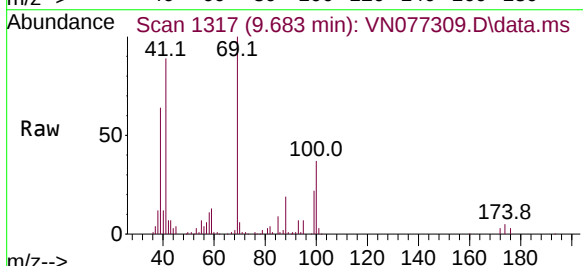
Tgt Ion: 41 Resp: 106975

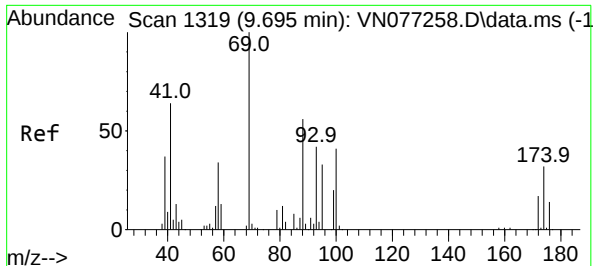
Ion Ratio Lower Upper

41 100

69 111.1 85.0 127.6

39 71.5 53.5 80.3

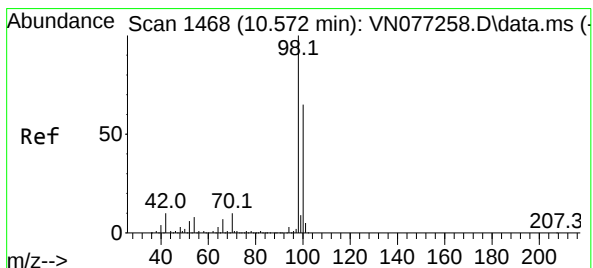
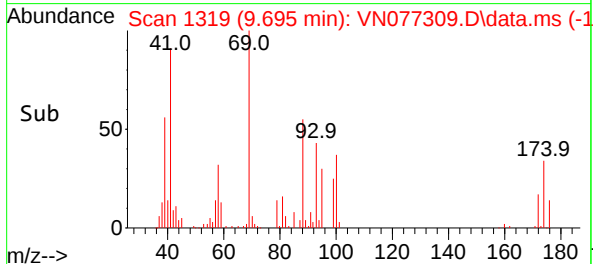
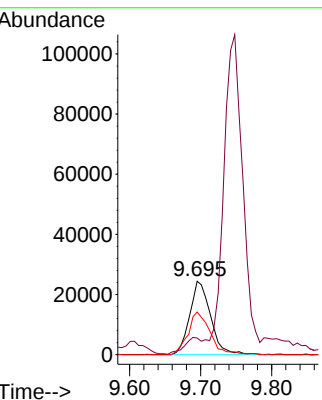
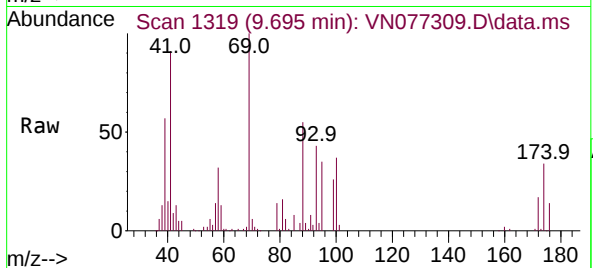




#49
1,4-Dioxane
Concen: 328.310 ug/l
RT: 9.695 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN077309.D
Acq: 12 Apr 2023 11:42

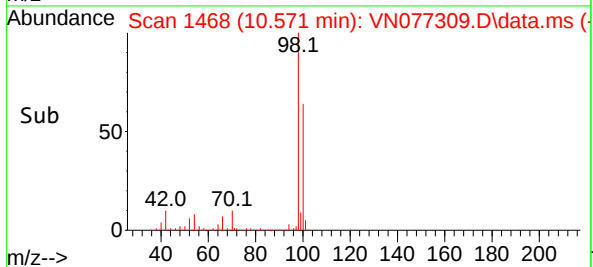
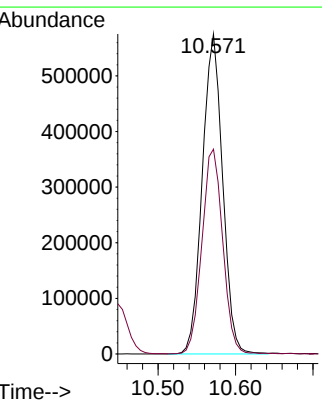
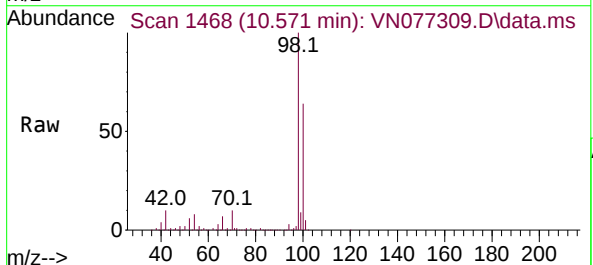
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS01

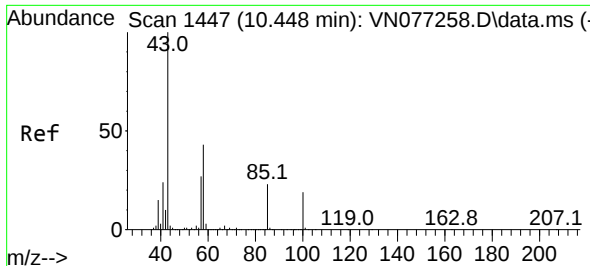
Tgt Ion: 88 Resp: 50087
Ion Ratio Lower Upper
88 100
43 18.1 17.0 25.6
58 61.7 49.8 74.6



#50
Toluene-d8
Concen: 43.093 ug/l
RT: 10.571 min Scan# 1468
Delta R.T. -0.001 min
Lab File: VN077309.D
Acq: 12 Apr 2023 11:42

Tgt Ion: 98 Resp: 1047996
Ion Ratio Lower Upper
98 100
100 65.3 51.3 76.9

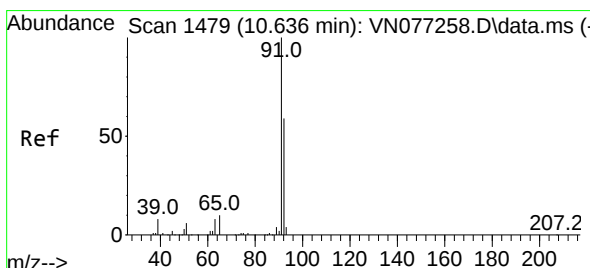
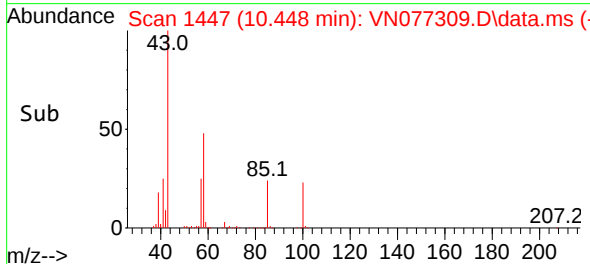
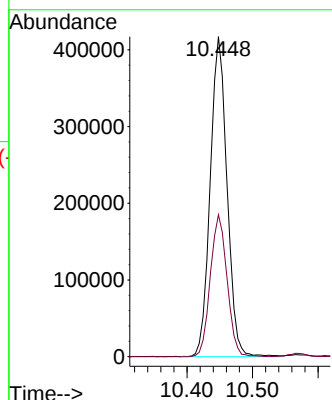
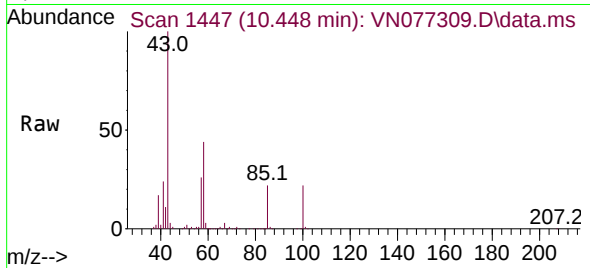




#51
4-Methyl-2-Pentanone
Concen: 87.163 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN077309.D
Acq: 12 Apr 2023 11:42

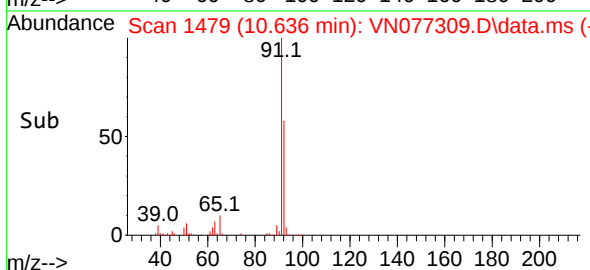
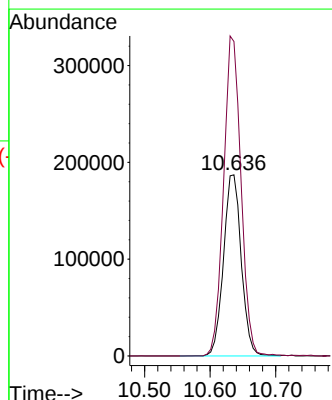
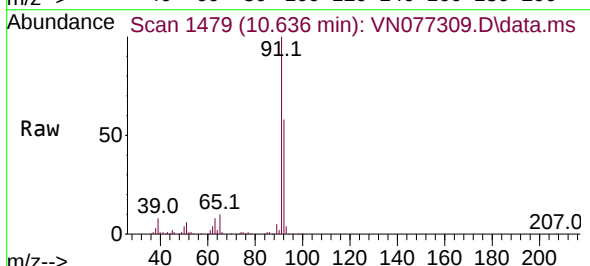
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS01

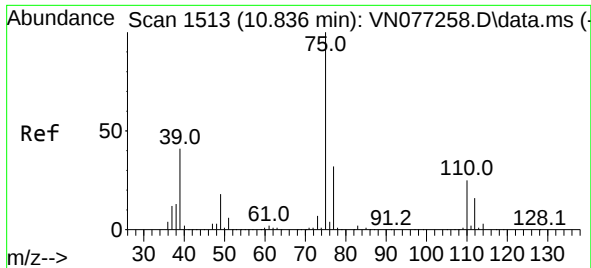
Tgt Ion: 43 Resp: 743177
Ion Ratio Lower Upper
43 100
58 44.2 34.6 52.0



#52
Toluene
Concen: 19.235 ug/l
RT: 10.636 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VN077309.D
Acq: 12 Apr 2023 11:42

Tgt Ion: 92 Resp: 350867
Ion Ratio Lower Upper
92 100
91 173.4 138.0 207.0

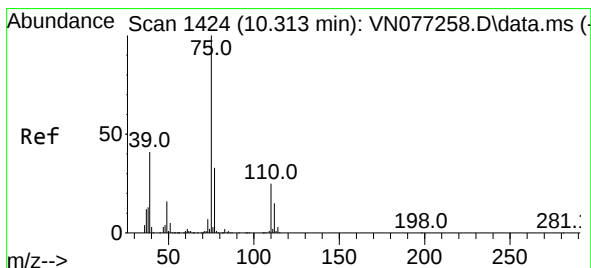
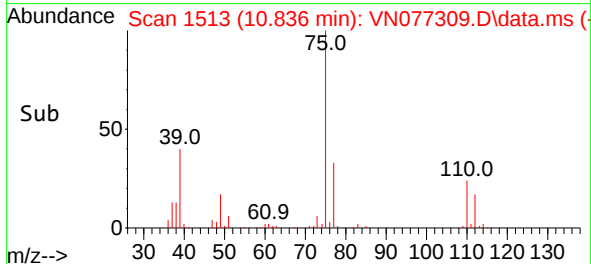
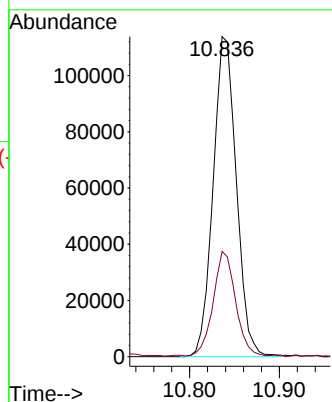
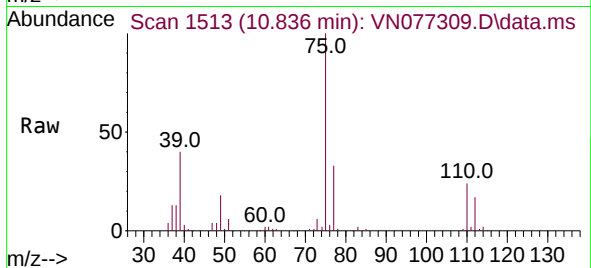




#53
t-1,3-Dichloropropene
Concen: 18.909 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN077309.D
Acq: 12 Apr 2023 11:42

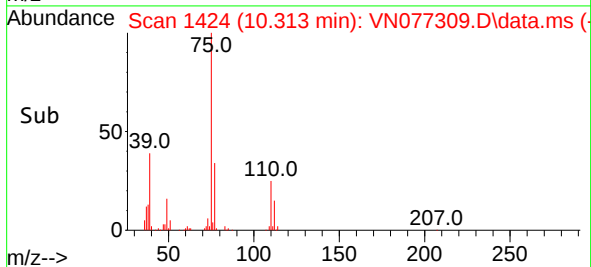
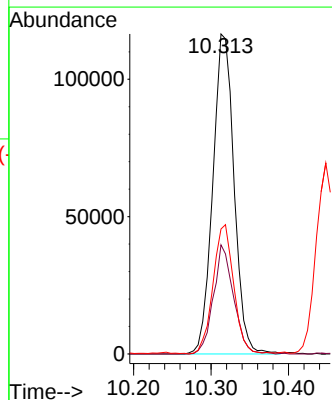
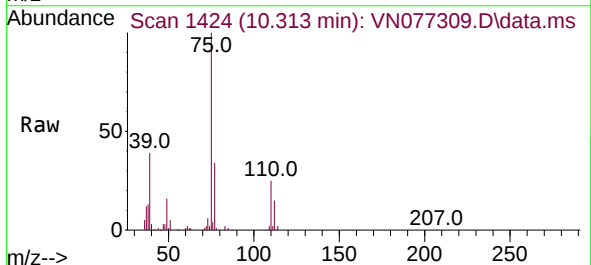
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS01

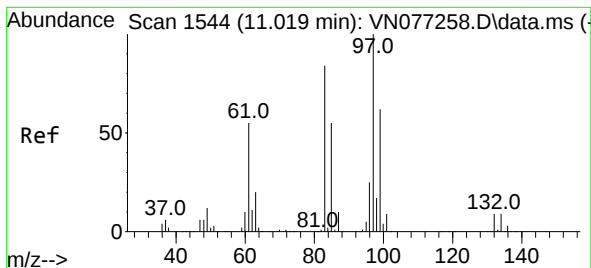
Tgt Ion: 75 Resp: 204660
Ion Ratio Lower Upper
75 100
77 32.5 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 19.270 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VN077309.D
Acq: 12 Apr 2023 11:42

Tgt Ion: 75 Resp: 222157
Ion Ratio Lower Upper
75 100
77 34.1 26.7 40.1
39 38.9 32.8 49.2





#55

1,1,2-Trichloroethane

Concen: 18.782 ug/l

RT: 11.019 min Scan# 1544

Delta R.T. -0.000 min

Lab File: VN077309.D

Acq: 12 Apr 2023 11:42

Instrument :

MSVOA_N

ClientSampleId :

VN0412WBS01

Tgt Ion: 97 Resp: 134490

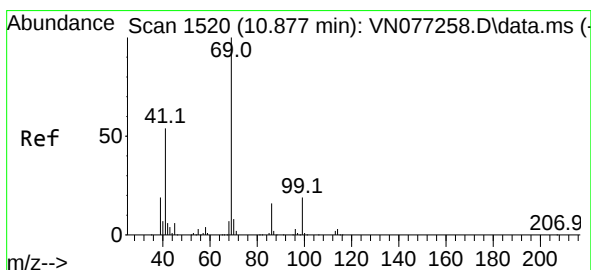
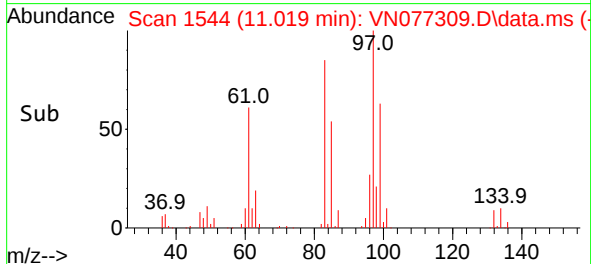
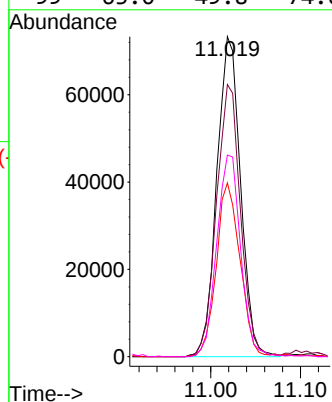
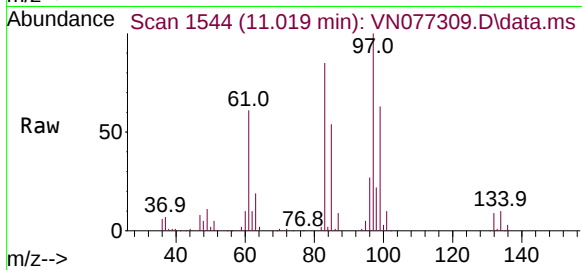
Ion Ratio Lower Upper

97 100

83 85.1 67.4 101.2

85 54.3 44.1 66.1

99 63.0 49.8 74.6



#56

Ethyl methacrylate

Concen: 18.563 ug/l

RT: 10.877 min Scan# 1520

Delta R.T. 0.000 min

Lab File: VN077309.D

Acq: 12 Apr 2023 11:42

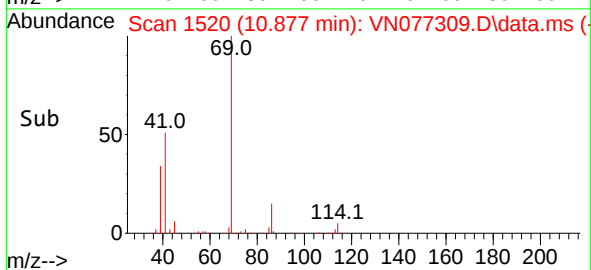
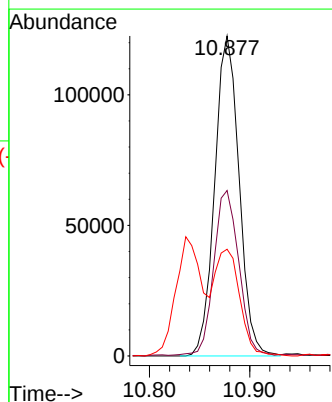
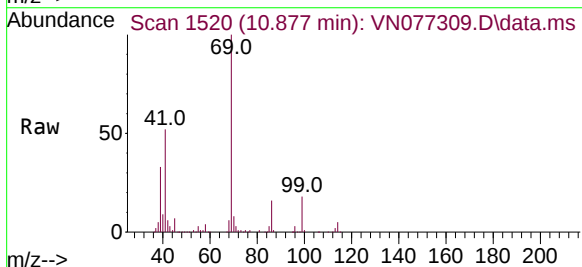
Tgt Ion: 69 Resp: 207030

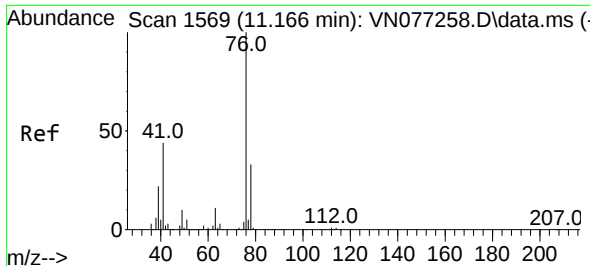
Ion Ratio Lower Upper

69 100

41 52.7 42.8 64.2

39 33.5 27.0 40.4





#57

1,3-Dichloropropane

Concen: 18.948 ug/l

RT: 11.166 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077309.D

Acq: 12 Apr 2023 11:42

Instrument :

MSVOA_N

ClientSampleId :

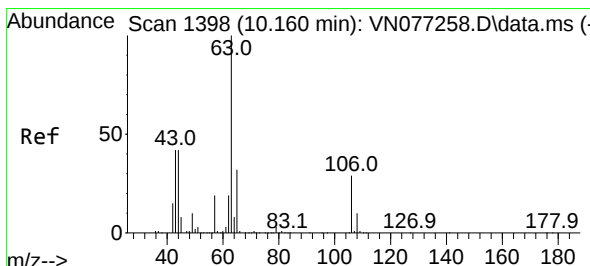
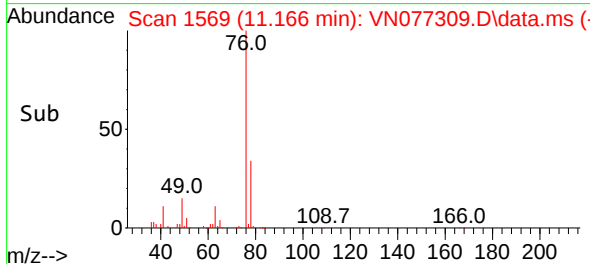
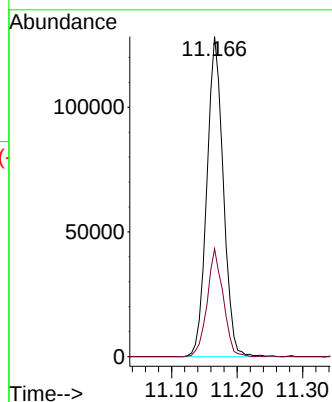
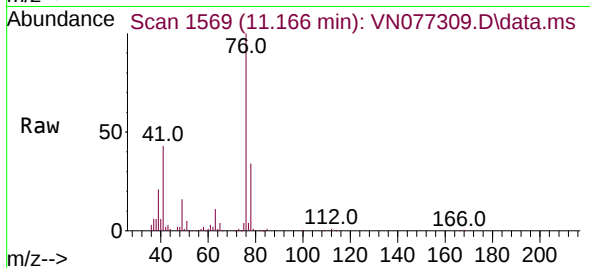
VN0412WBS01

Tgt Ion: 76 Resp: 224157

Ion Ratio Lower Upper

76 100

78 32.8 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 77.154 ug/l

RT: 10.166 min Scan# 1399

Delta R.T. 0.006 min

Lab File: VN077309.D

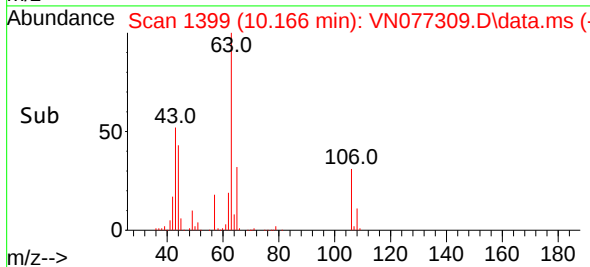
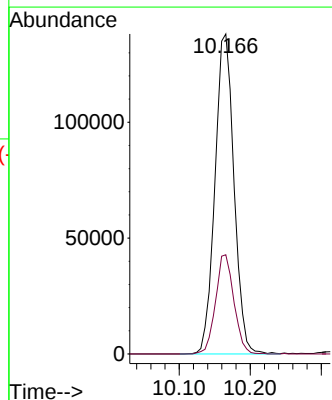
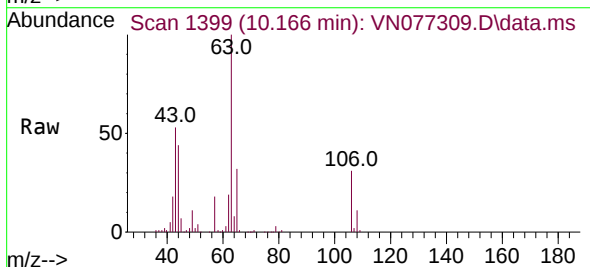
Acq: 12 Apr 2023 11:42

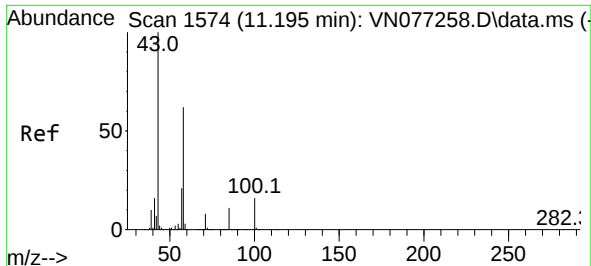
Tgt Ion: 63 Resp: 256152

Ion Ratio Lower Upper

63 100

106 29.9 24.1 36.1

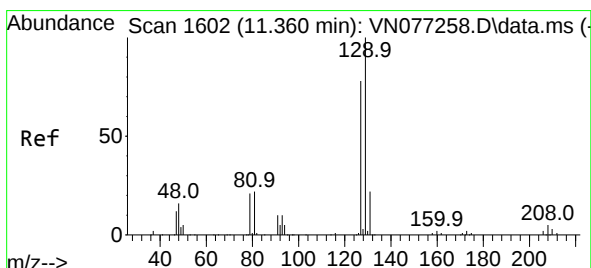
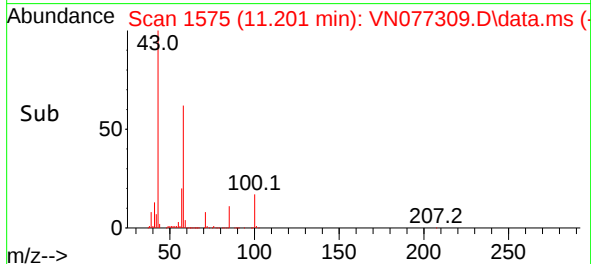
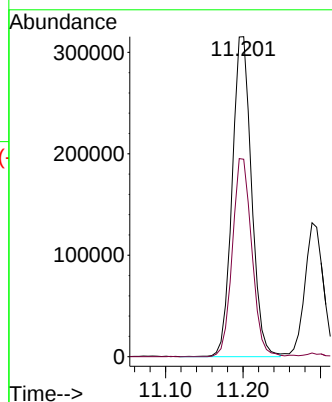
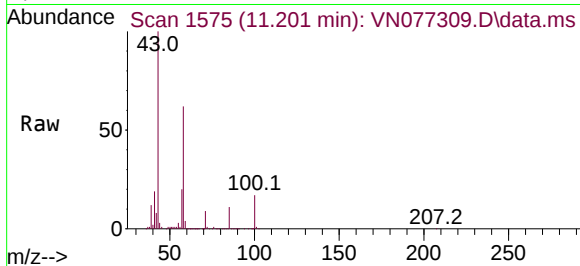




#59
2-Hexanone
Concen: 86.488 ug/l
RT: 11.201 min Scan# 1575
Delta R.T. 0.006 min
Lab File: VN077309.D
Acq: 12 Apr 2023 11:42

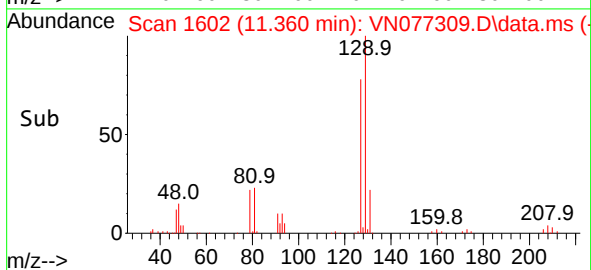
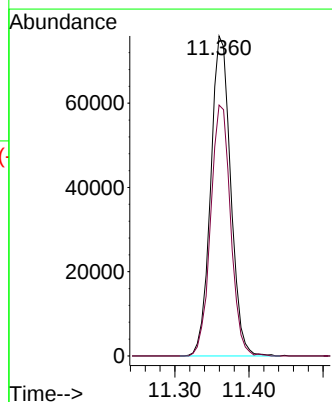
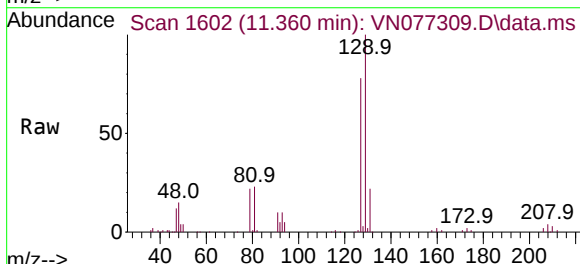
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS01

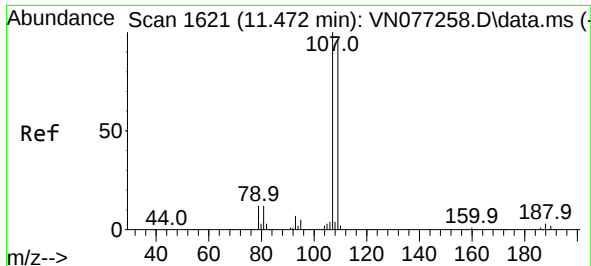
Tgt Ion: 43 Resp: 549382
Ion Ratio Lower Upper
43 100
58 62.2 30.9 92.5



#60
Dibromochloromethane
Concen: 19.287 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077309.D
Acq: 12 Apr 2023 11:42

Tgt Ion: 129 Resp: 142237
Ion Ratio Lower Upper
129 100
127 78.3 38.1 114.5

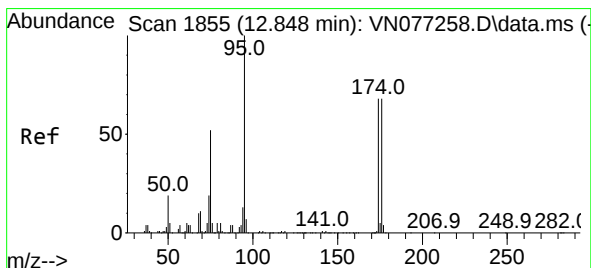
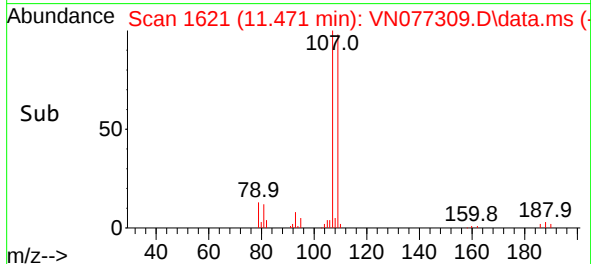
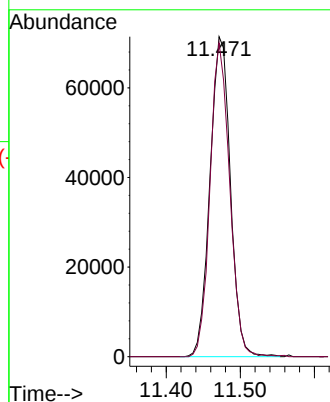
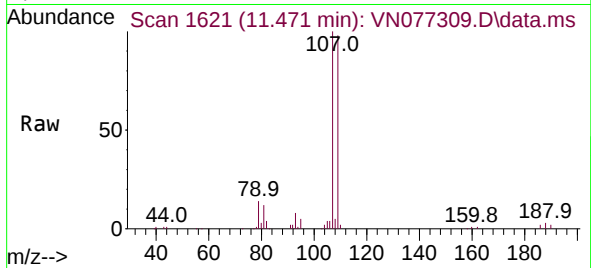




#61
1,2-Dibromoethane
Concen: 19.122 ug/l
RT: 11.471 min Scan# 1621
Delta R.T. -0.001 min
Lab File: VN077309.D
Acq: 12 Apr 2023 11:42

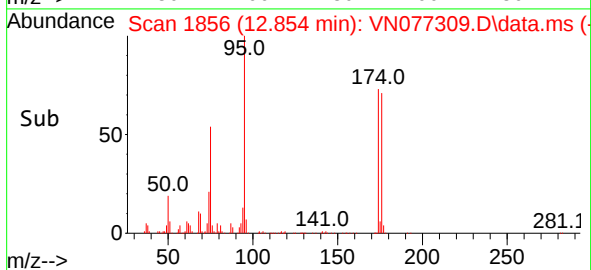
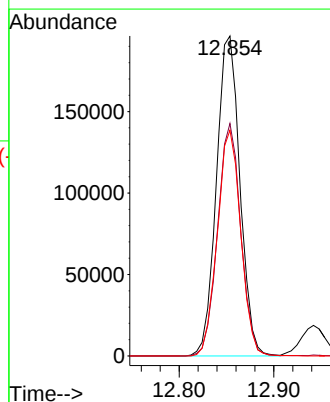
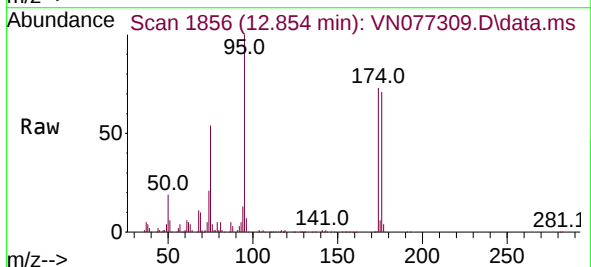
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS01

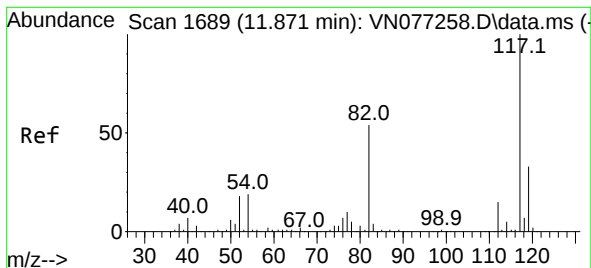
Tgt Ion:107 Resp: 136667
Ion Ratio Lower Upper
107 100
109 94.4 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 41.931 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077309.D
Acq: 12 Apr 2023 11:42

Tgt Ion: 95 Resp: 339150
Ion Ratio Lower Upper
95 100
174 71.4 0.0 146.8
176 70.0 0.0 139.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN077309.D

Acq: 12 Apr 2023 11:42

Instrument :

MSVOA_N

ClientSampleId :

VN0412WBS01

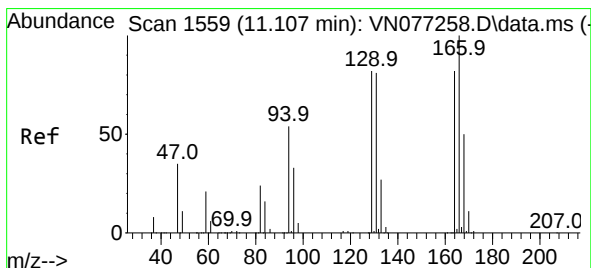
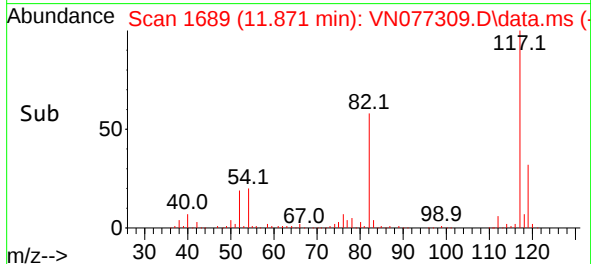
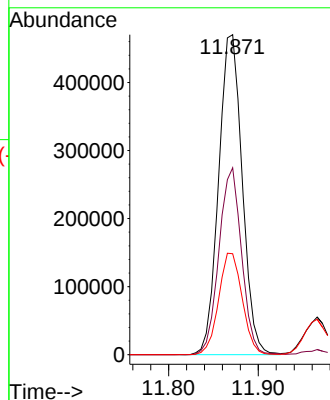
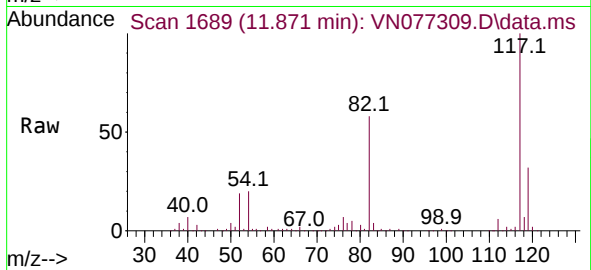
Tgt Ion:117 Resp: 859370

Ion Ratio Lower Upper

117 100

82 58.4 42.9 64.3

119 31.6 26.2 39.4



#64

Tetrachloroethene

Concen: 18.940 ug/l

RT: 11.107 min Scan# 1559

Delta R.T. -0.000 min

Lab File: VN077309.D

Acq: 12 Apr 2023 11:42

Tgt Ion:164 Resp: 100549

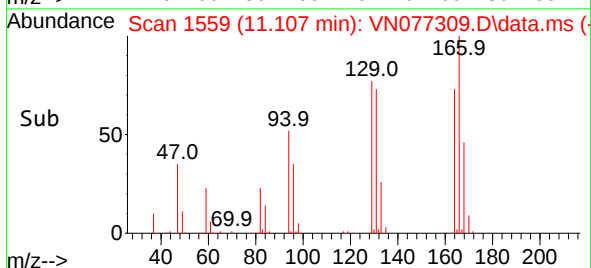
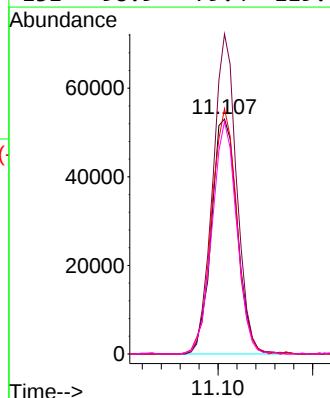
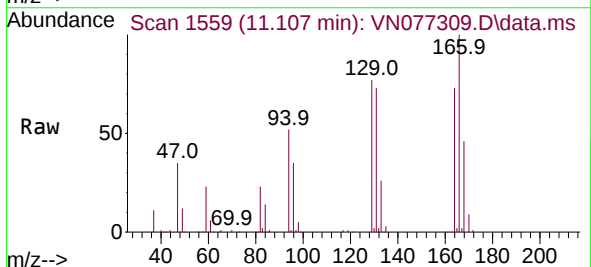
Ion Ratio Lower Upper

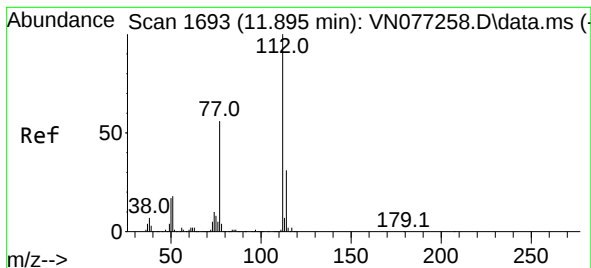
164 100

166 136.2 97.8 146.6

129 104.4 80.1 120.1

131 98.9 79.4 119.0





#65

Chlorobenzene

Concen: 19.310 ug/l

RT: 11.895 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN077309.D

Acq: 12 Apr 2023 11:42

Instrument :

MSVOA_N

ClientSampleId :

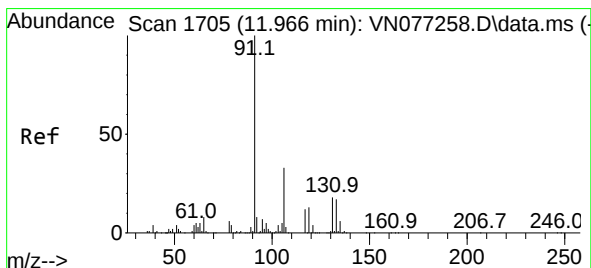
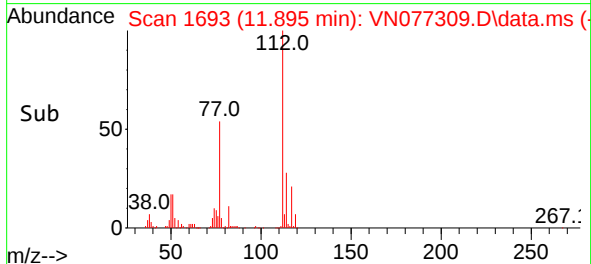
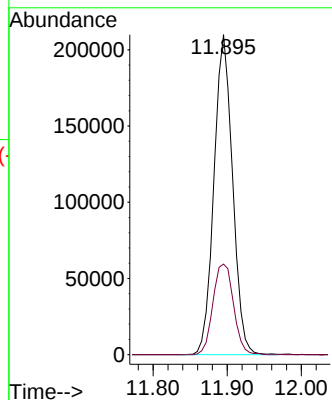
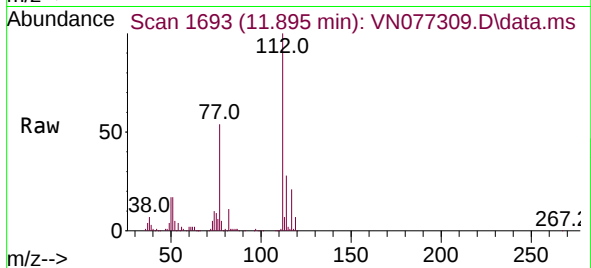
VN0412WBS01

Tgt Ion:112 Resp: 365337

Ion Ratio Lower Upper

112 100

114 28.3 24.6 36.8



#66

1,1,1,2-Tetrachloroethane

Concen: 18.576 ug/l

RT: 11.966 min Scan# 1705

Delta R.T. -0.000 min

Lab File: VN077309.D

Acq: 12 Apr 2023 11:42

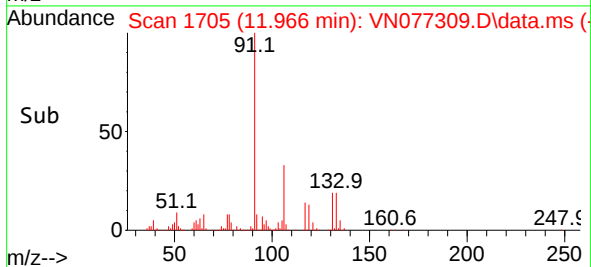
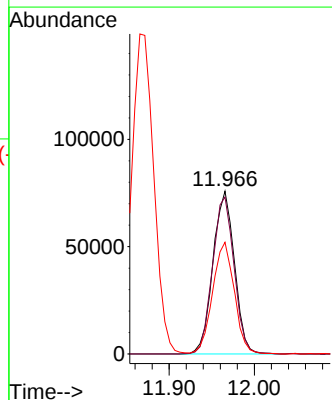
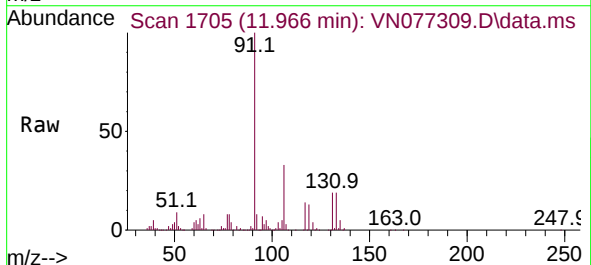
Tgt Ion:131 Resp: 132983

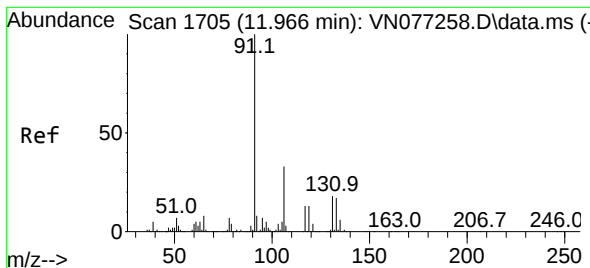
Ion Ratio Lower Upper

131 100

133 96.7 46.9 140.6

119 69.5 34.0 102.0

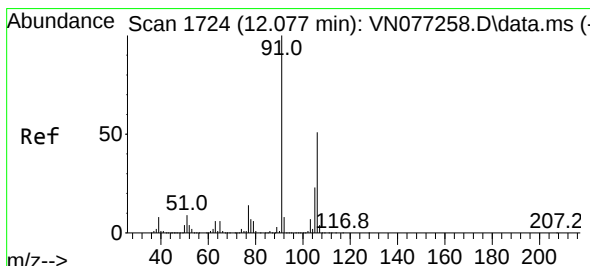
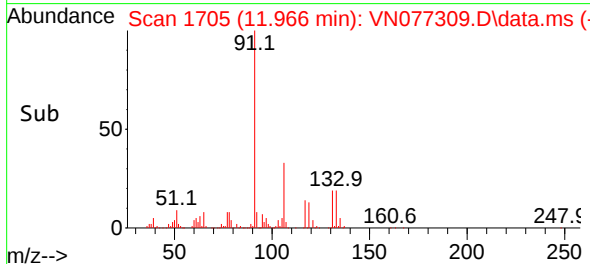
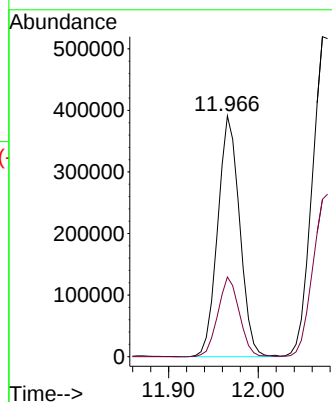
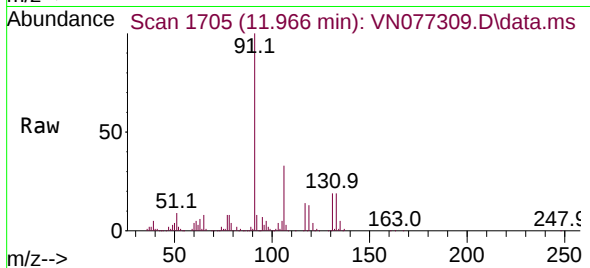




#67
Ethyl Benzene
Concen: 18.981 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077309.D
Acq: 12 Apr 2023 11:42

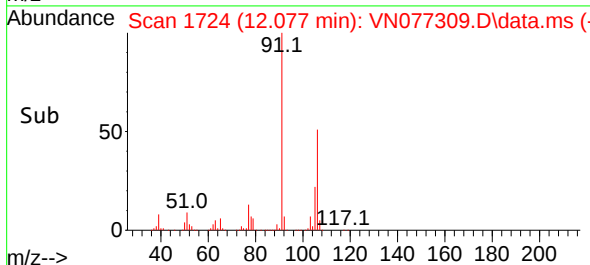
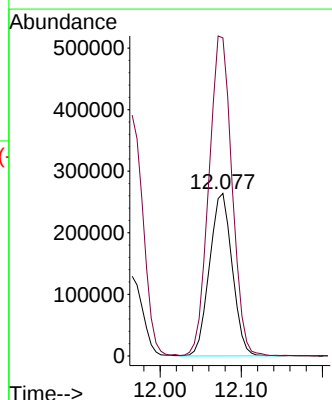
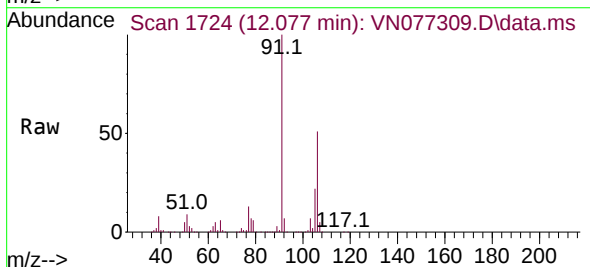
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS01

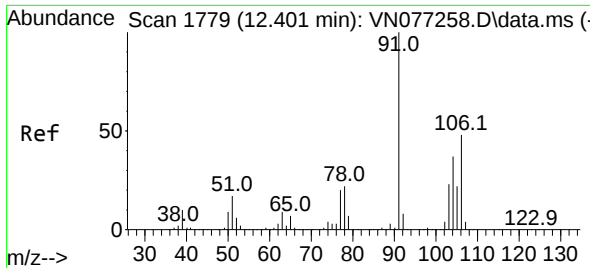
Tgt Ion: 91 Resp: 662699
Ion Ratio Lower Upper
91 100
106 33.1 26.2 39.2



#68
m/p-Xylenes
Concen: 37.317 ug/l
RT: 12.077 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VN077309.D
Acq: 12 Apr 2023 11:42

Tgt Ion:106 Resp: 511918
Ion Ratio Lower Upper
106 100
91 200.9 158.7 238.1

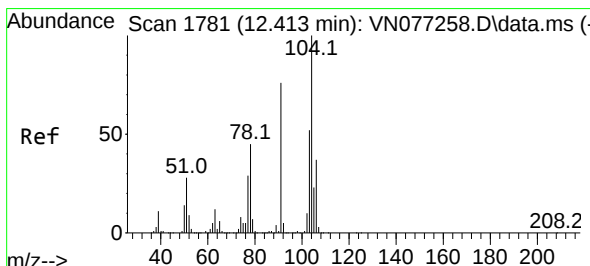
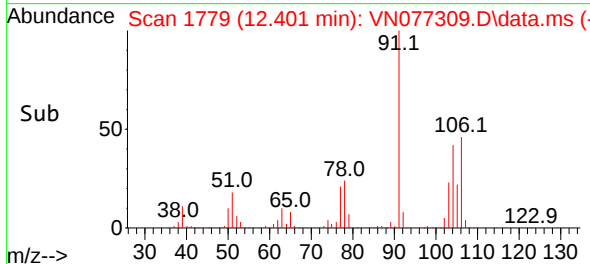
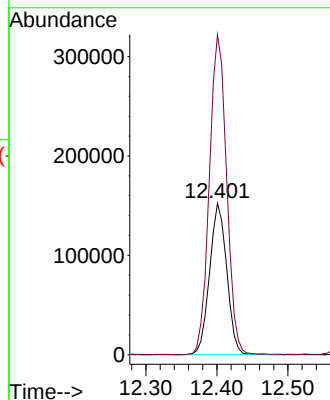
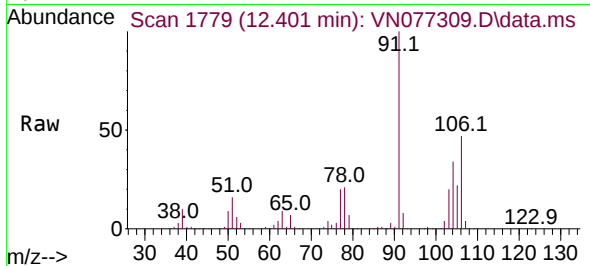




#69
o-Xylene
Concen: 18.923 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077309.D
Acq: 12 Apr 2023 11:42

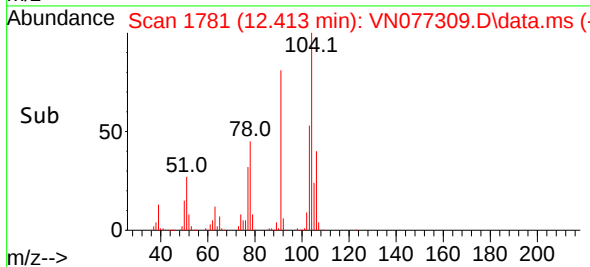
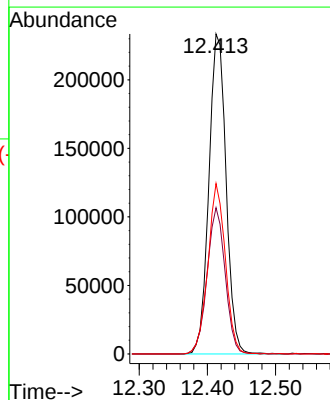
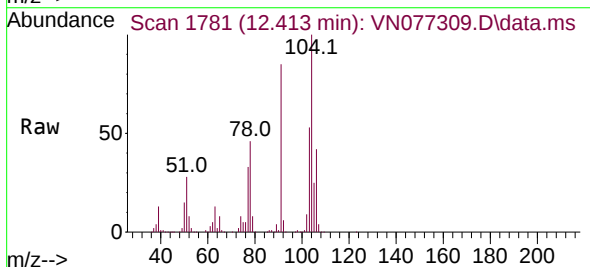
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS01

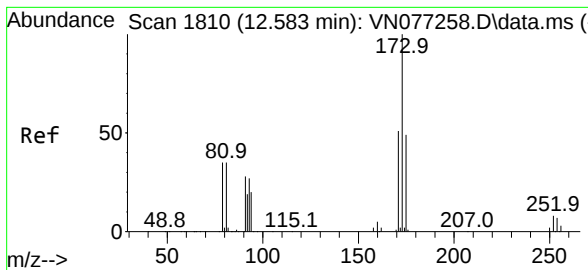
Tgt Ion:106 Resp: 256090
Ion Ratio Lower Upper
106 100
91 213.2 104.0 312.0



#70
Styrene
Concen: 18.820 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN077309.D
Acq: 12 Apr 2023 11:42

Tgt Ion:104 Resp: 409862
Ion Ratio Lower Upper
104 100
78 48.0 38.0 57.0
103 54.4 43.1 64.7

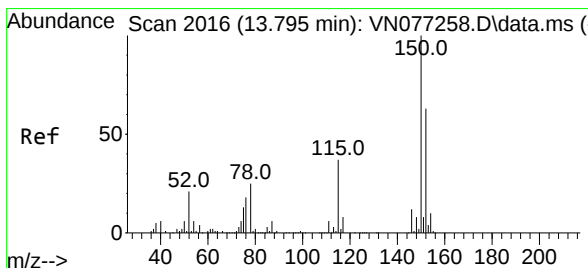
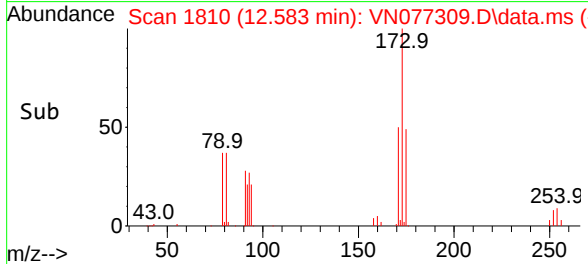
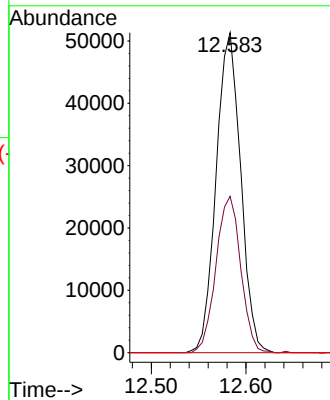
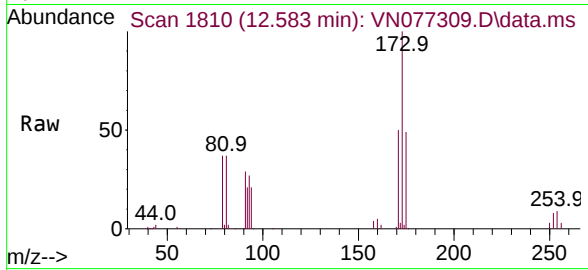




#71
Bromoform
Concen: 18.354 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN077309.D
Acq: 12 Apr 2023 11:42

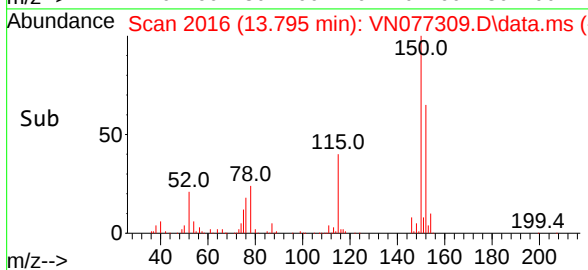
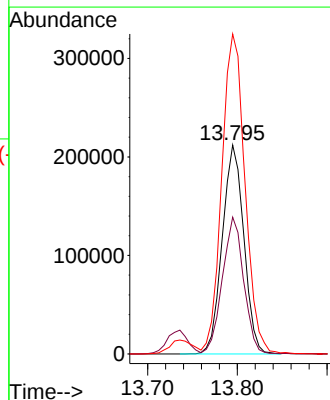
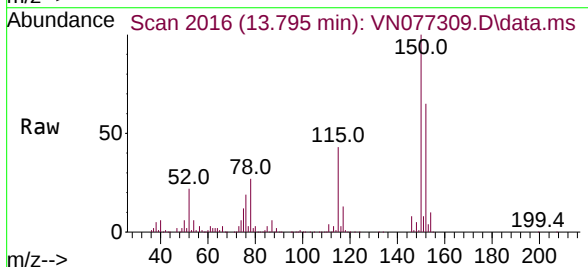
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS01

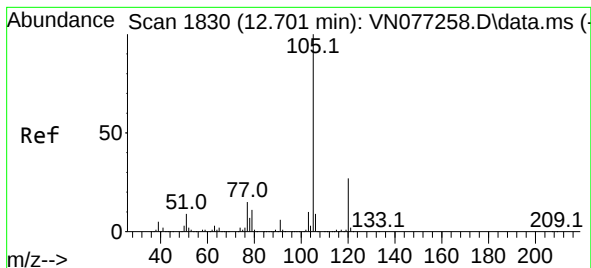
Tgt Ion:173 Resp: 92490
Ion Ratio Lower Upper
173 100
175 49.3 24.1 72.4
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 1616
Delta R.T. -0.000 min
Lab File: VN077309.D
Acq: 12 Apr 2023 11:42

Tgt Ion:152 Resp: 353159
Ion Ratio Lower Upper
152 100
115 65.0 32.1 96.3
150 165.1 0.0 354.8





#73

Isopropylbenzene

Concen: 19.179 ug/l

RT: 12.701 min Scan# 1830

Delta R.T. -0.000 min

Lab File: VN077309.D

Acq: 12 Apr 2023 11:42

Instrument :

MSVOA_N

ClientSampleId :

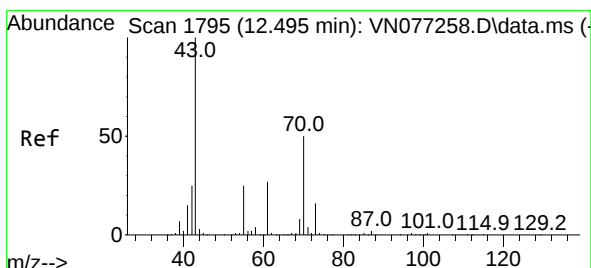
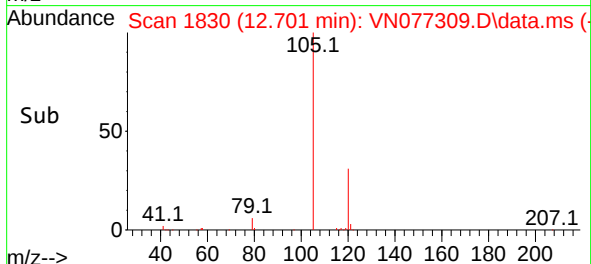
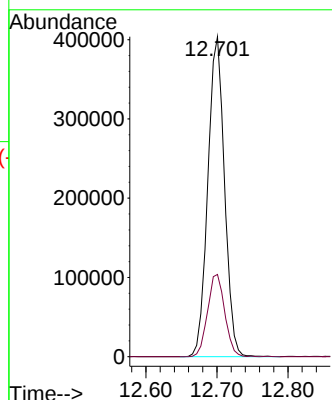
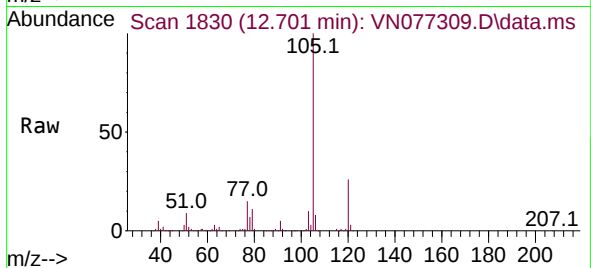
VN0412WBS01

Tgt Ion:105 Resp: 657880

Ion Ratio Lower Upper

105 100

120 26.5 13.2 39.6



#74

N-ethyl acetate

Concen: 16.860 ug/l

RT: 12.495 min Scan# 1795

Delta R.T. -0.000 min

Lab File: VN077309.D

Acq: 12 Apr 2023 11:42

Tgt Ion: 43 Resp: 219164

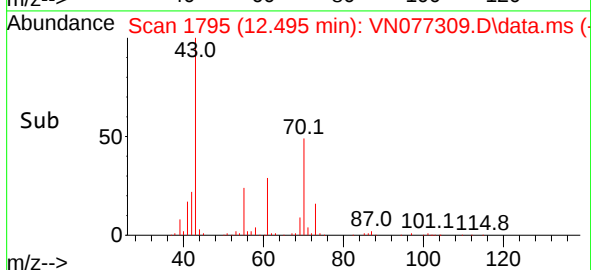
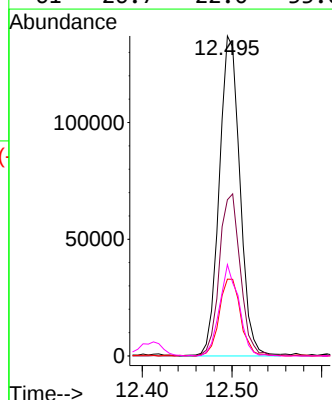
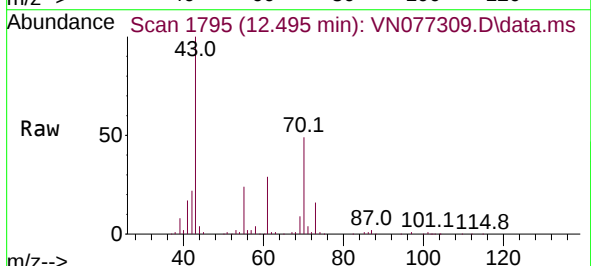
Ion Ratio Lower Upper

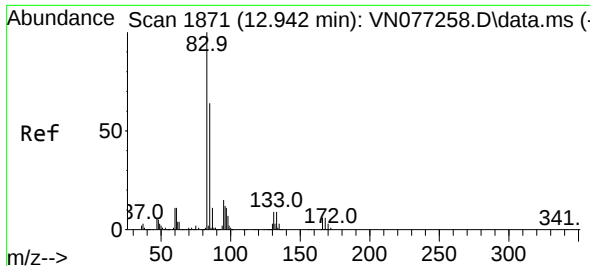
43 100

70 51.2 41.0 61.6

55 24.9 19.3 28.9

61 26.7 22.0 33.0

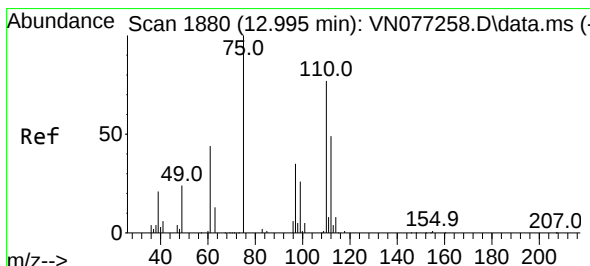
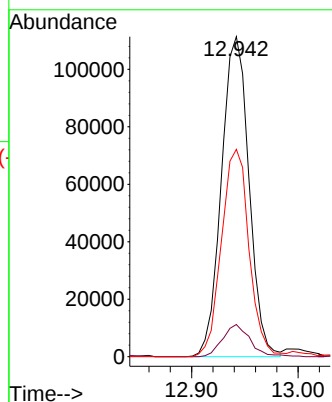
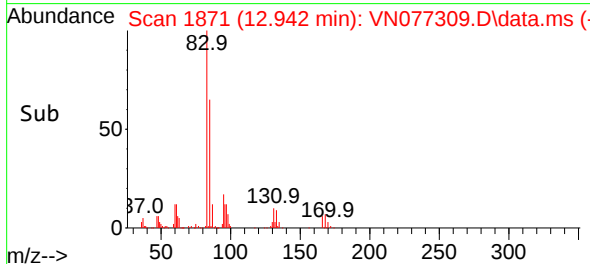
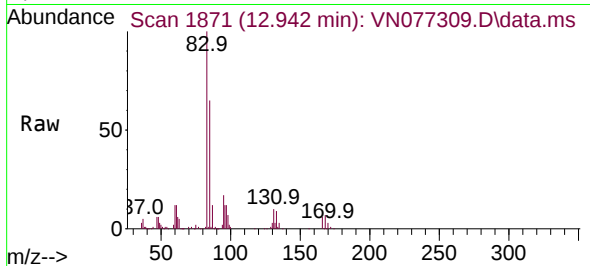




#75
1,1,2,2-Tetrachloroethane
Concen: 18.568 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN077309.D
Acq: 12 Apr 2023 11:42

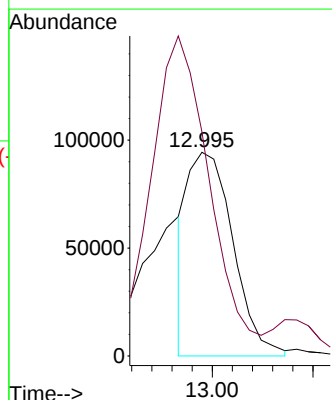
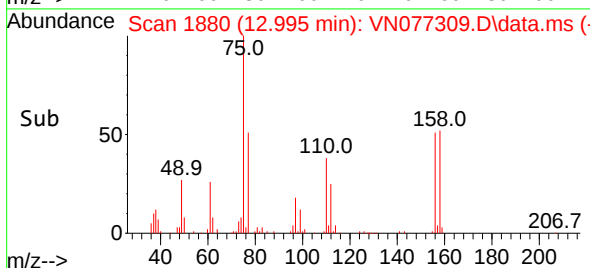
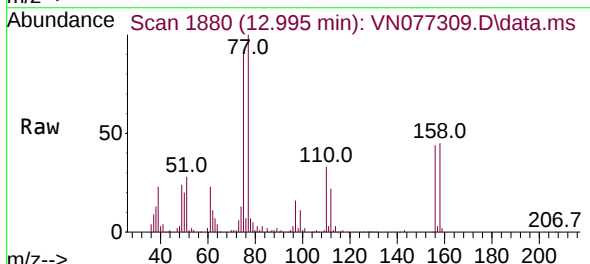
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS01

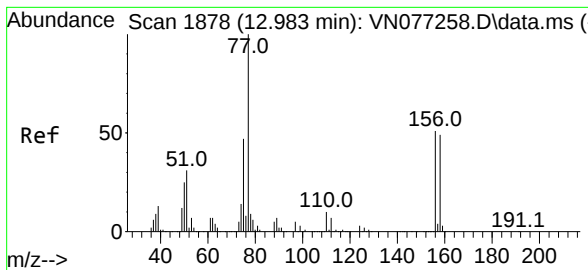
Tgt Ion: 83 Resp: 199886
Ion Ratio Lower Upper
83 100
131 10.1 4.9 14.6
85 64.9 32.1 96.3



#76
1,2,3-Trichloropropane
Concen: 17.602 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN077309.D
Acq: 12 Apr 2023 11:42

Tgt Ion: 75 Resp: 148025
Ion Ratio Lower Upper
75 100
77 204.4 88.3 264.9

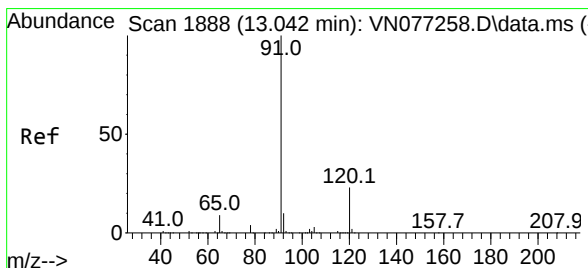
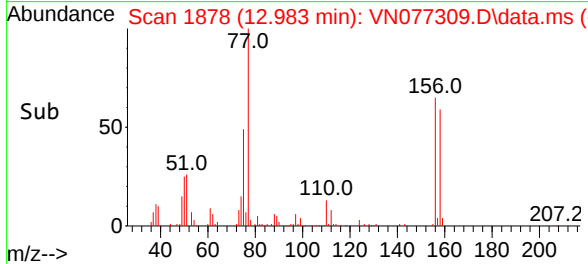
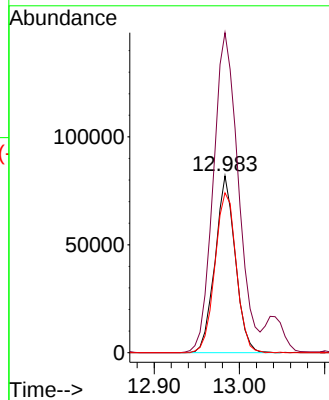
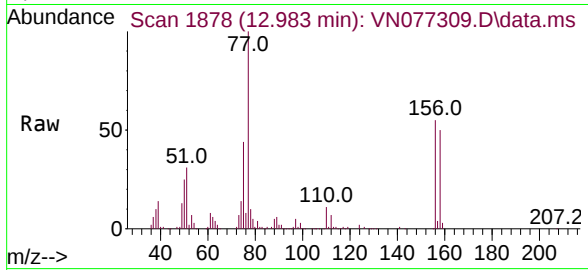




#77
Bromobenzene
Concen: 19.339 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN077309.D
Acq: 12 Apr 2023 11:42

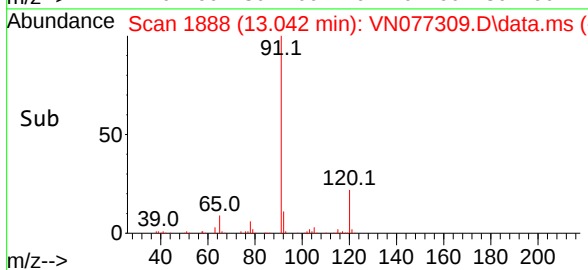
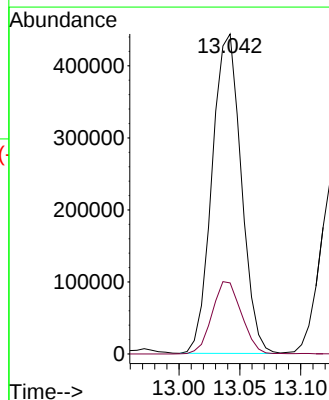
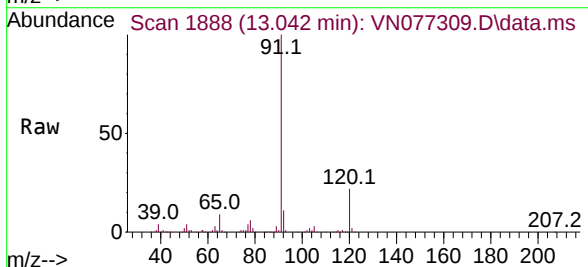
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS01

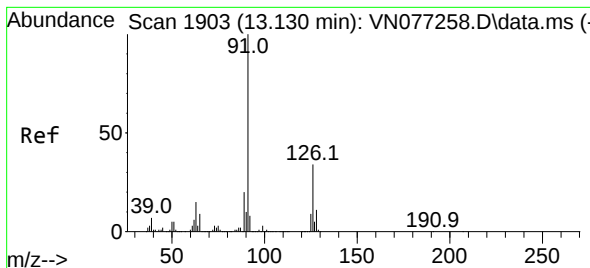
Tgt Ion:156 Resp: 134882
Ion Ratio Lower Upper
156 100
77 224.3 115.3 345.8
158 95.6 49.3 147.8



#78
n-propylbenzene
Concen: 19.537 ug/l
RT: 13.042 min Scan# 1888
Delta R.T. -0.000 min
Lab File: VN077309.D
Acq: 12 Apr 2023 11:42

Tgt Ion: 91 Resp: 740456
Ion Ratio Lower Upper
91 100
120 22.8 11.5 34.5





#79

2-Chlorotoluene

Concen: 19.306 ug/l

RT: 13.130 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VN077309.D

Acq: 12 Apr 2023 11:42

Instrument :

MSVOA_N

ClientSampleId :

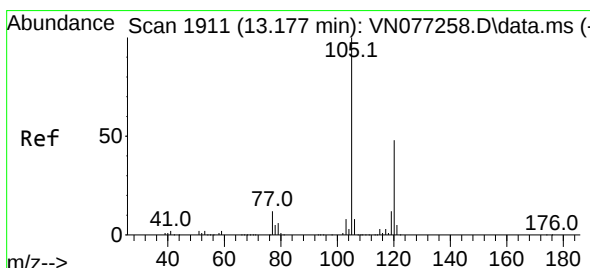
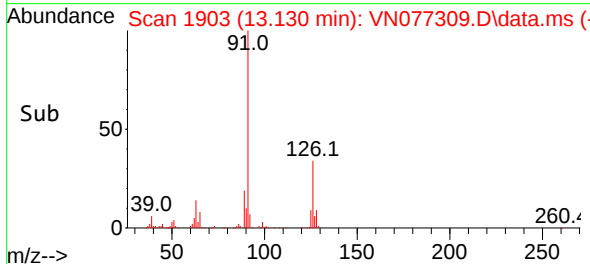
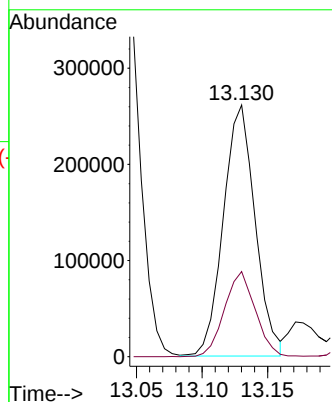
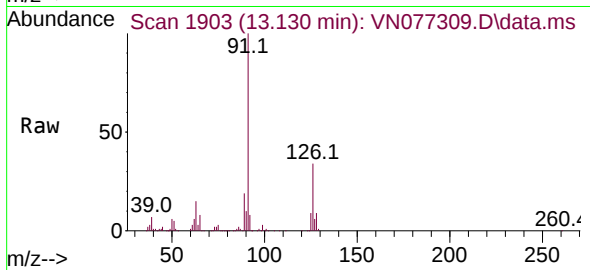
VN0412WBS01

Tgt Ion: 91 Resp: 440592

Ion Ratio Lower Upper

91 100

126 33.1 16.8 50.4



#80

1,3,5-Trimethylbenzene

Concen: 19.623 ug/l

RT: 13.177 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VN077309.D

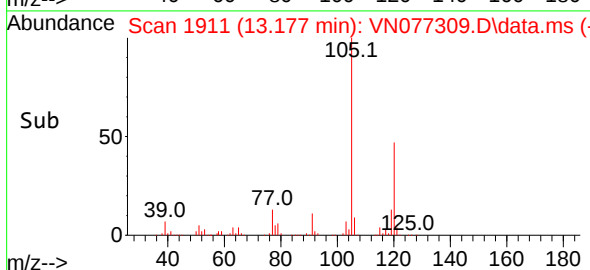
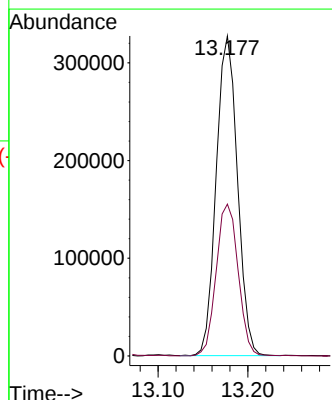
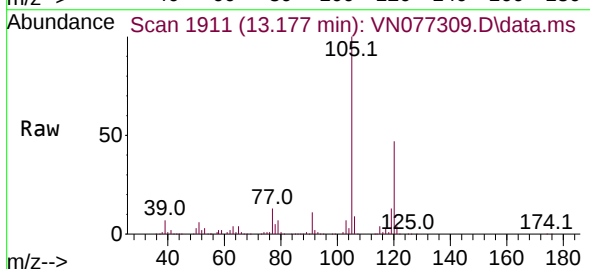
Acq: 12 Apr 2023 11:42

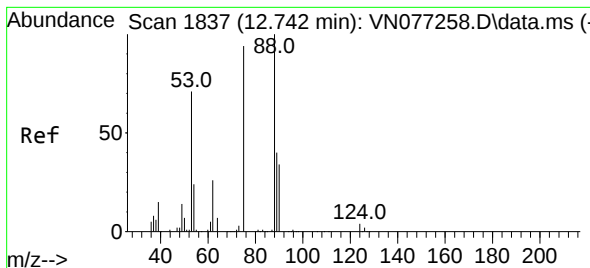
Tgt Ion:105 Resp: 537614

Ion Ratio Lower Upper

105 100

120 49.3 24.3 73.0

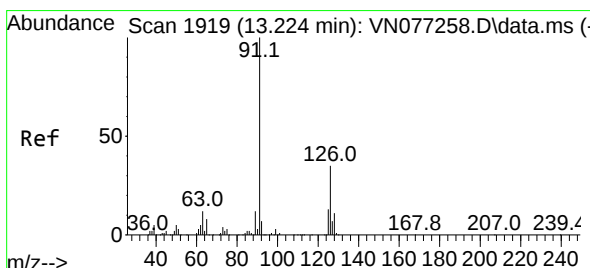
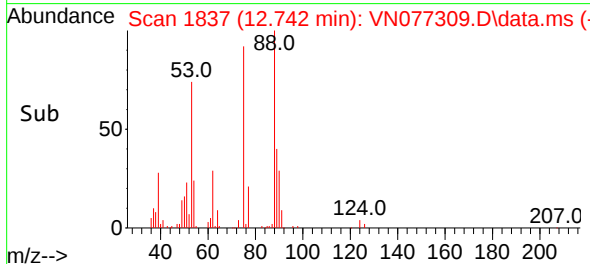
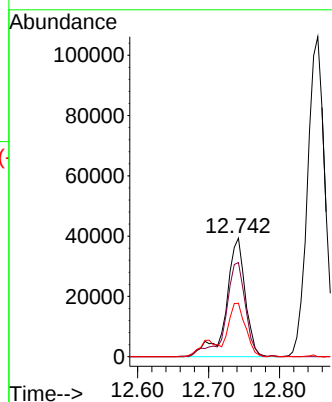
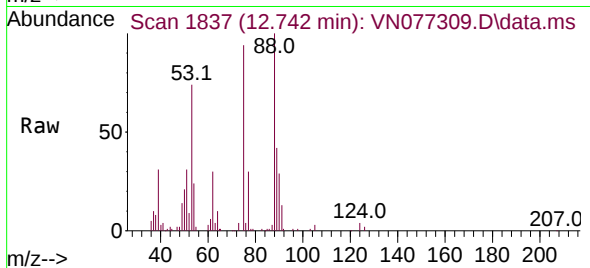




#81
trans-1,4-Dichloro-2-butene
Concen: 19.617 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. -0.000 min
Lab File: VN077309.D
Acq: 12 Apr 2023 11:42

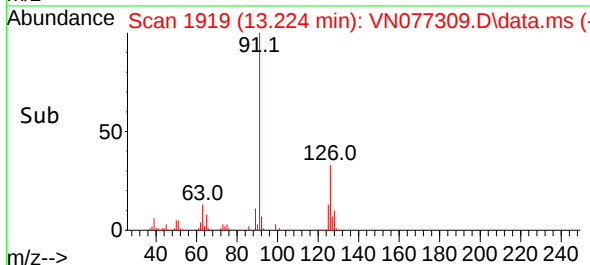
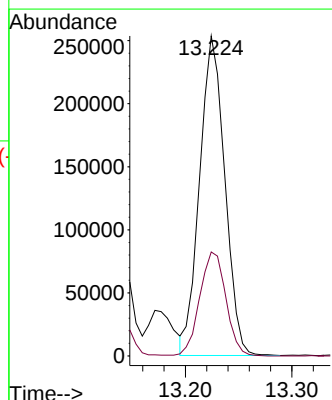
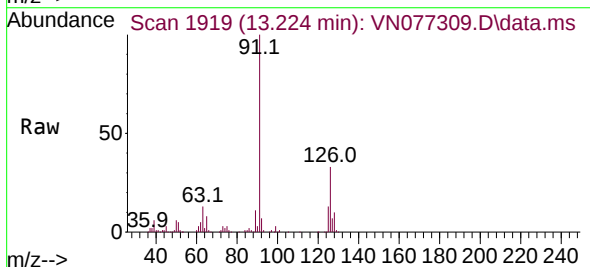
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS01

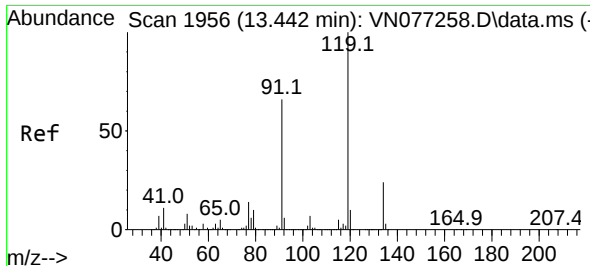
Tgt Ion: 75 Resp: 73311
Ion Ratio Lower Upper
75 100
53 82.3 72.8 109.2
89 39.9 37.4 56.2



#82
4-Chlorotoluene
Concen: 19.343 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077309.D
Acq: 12 Apr 2023 11:42

Tgt Ion: 91 Resp: 416205
Ion Ratio Lower Upper
91 100
126 33.9 16.9 50.7

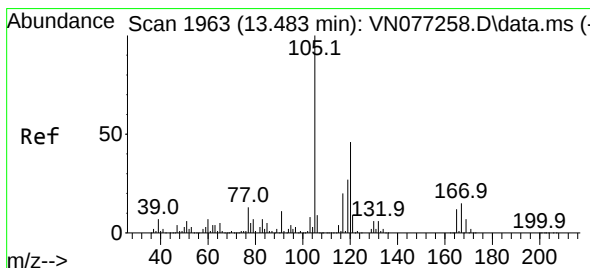
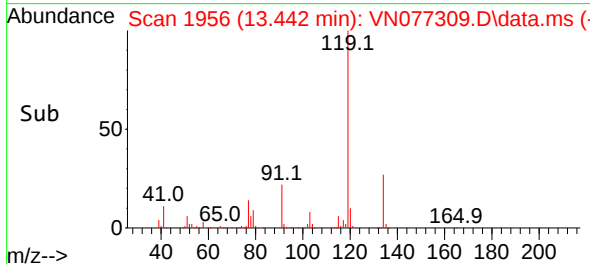
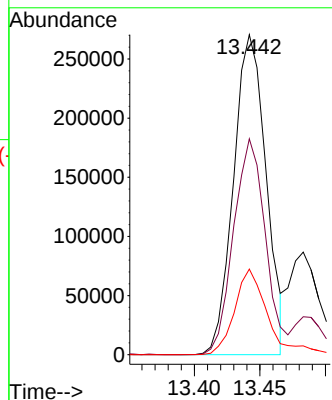
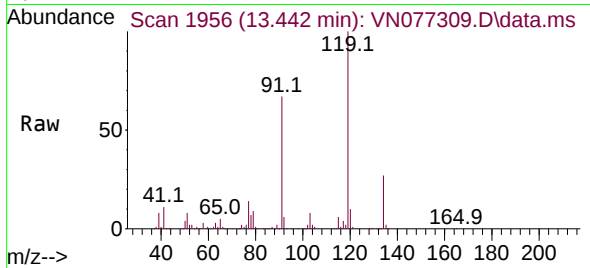




#83
tert-Butylbenzene
Concen: 19.193 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN077309.D
Acq: 12 Apr 2023 11:42

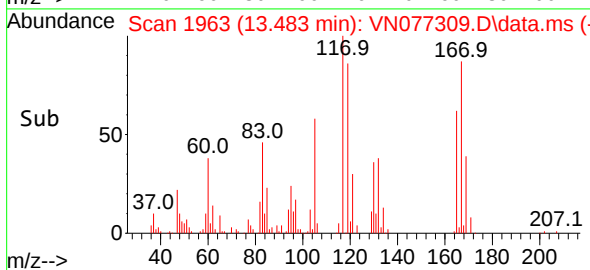
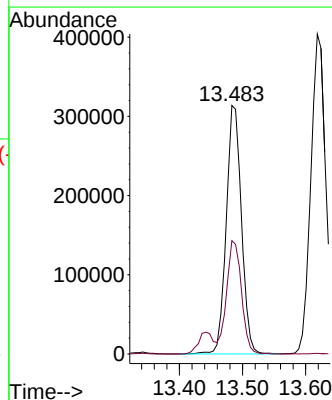
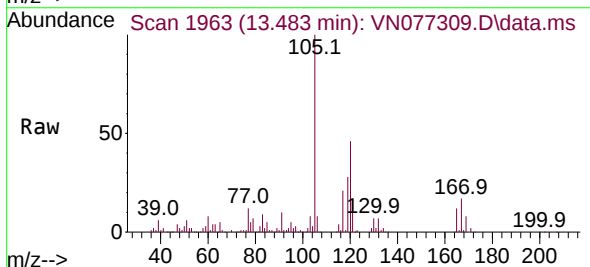
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS01

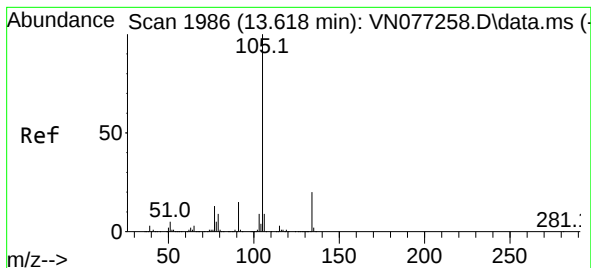
Tgt Ion:119 Resp: 468053
Ion Ratio Lower Upper
119 100
91 66.2 33.5 100.4
134 27.1 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 19.393 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN077309.D
Acq: 12 Apr 2023 11:42

Tgt Ion:105 Resp: 524895
Ion Ratio Lower Upper
105 100
120 44.6 22.5 67.5





#85

sec-Butylbenzene

Concen: 19.607 ug/l

RT: 13.618 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN077309.D

Acq: 12 Apr 2023 11:42

Instrument :

MSVOA_N

ClientSampleId :

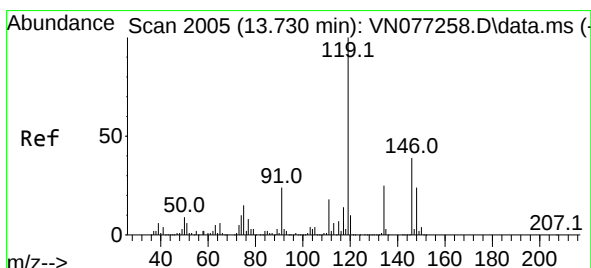
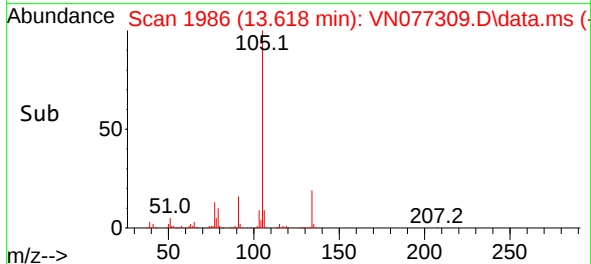
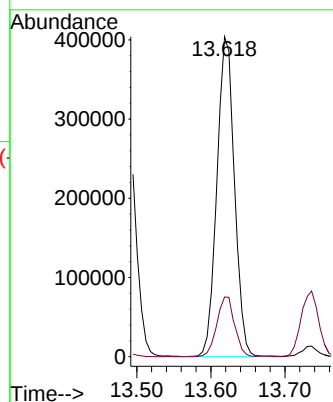
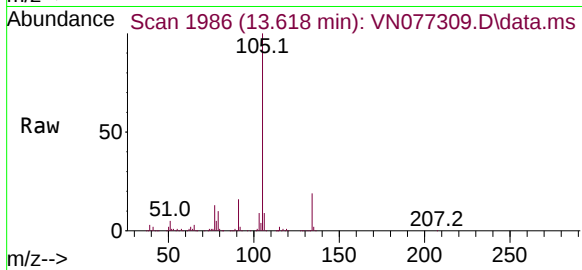
VN0412WBS01

Tgt Ion:105 Resp: 666364

Ion Ratio Lower Upper

105 100

134 18.9 9.8 29.4



#86

p-Isopropyltoluene

Concen: 19.850 ug/l

RT: 13.730 min Scan# 2005

Delta R.T. 0.000 min

Lab File: VN077309.D

Acq: 12 Apr 2023 11:42

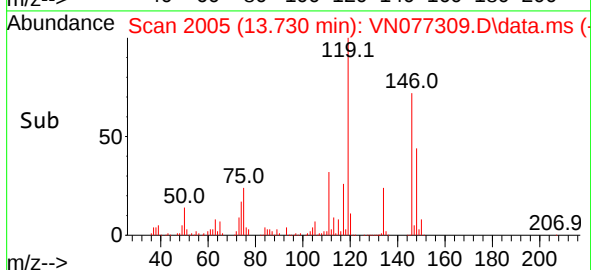
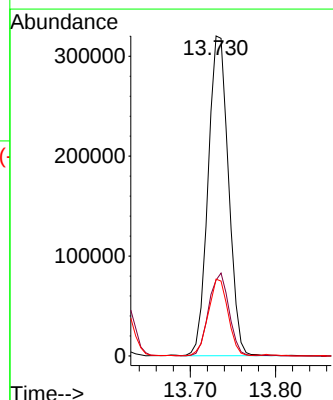
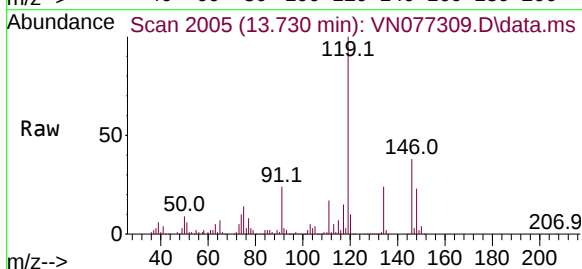
Tgt Ion:119 Resp: 530186

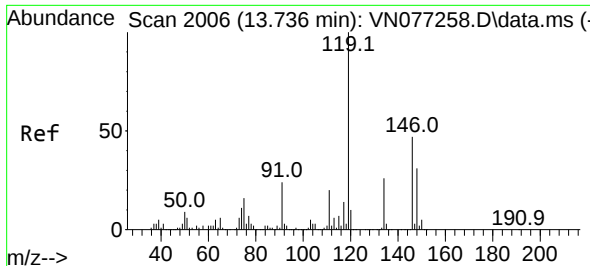
Ion Ratio Lower Upper

119 100

134 25.7 12.9 38.6

91 23.3 12.3 36.8

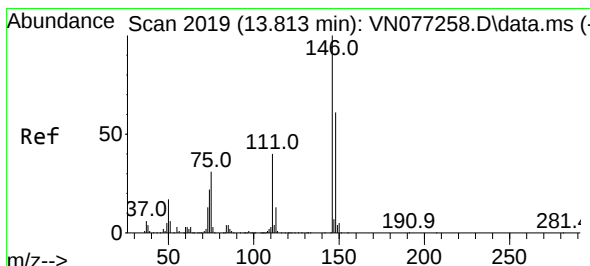
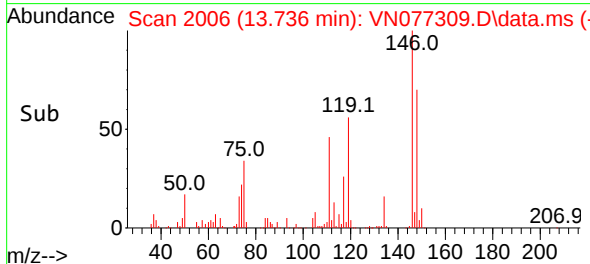
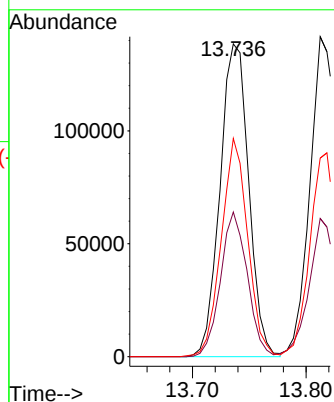
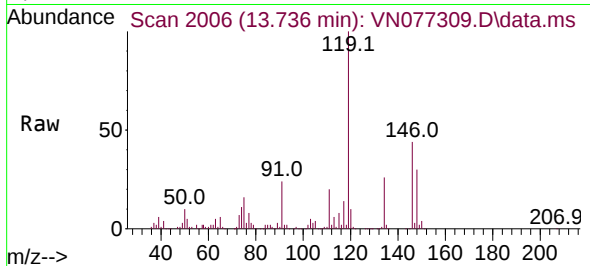




#87
1,3-Dichlorobenzene
Concen: 18.848 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. -0.000 min
Lab File: VN077309.D
Acq: 12 Apr 2023 11:42

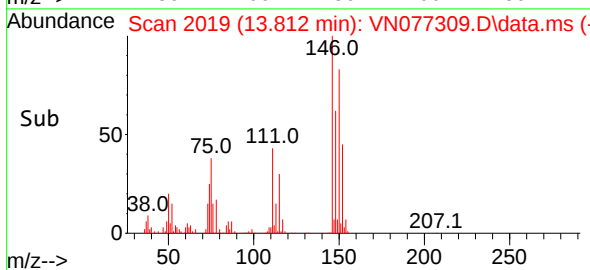
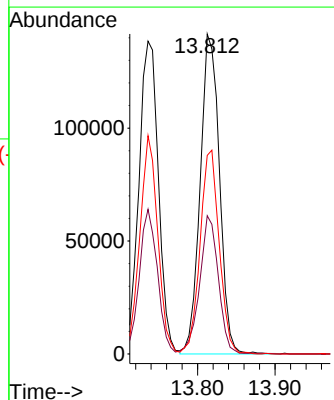
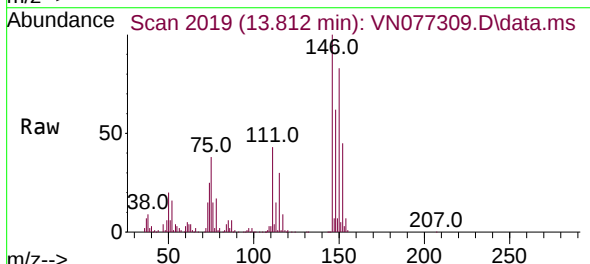
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS01

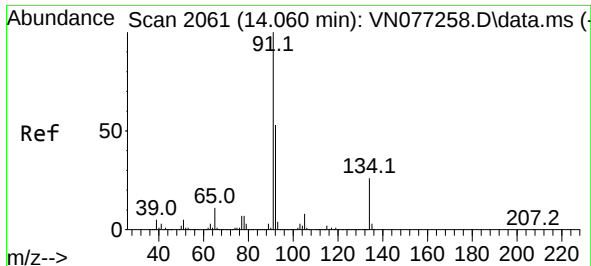
Tgt Ion:146 Resp: 243209
Ion Ratio Lower Upper
146 100
111 43.1 21.8 65.4
148 64.3 31.7 95.1



#88
1,4-Dichlorobenzene
Concen: 19.194 ug/l
RT: 13.812 min Scan# 2019
Delta R.T. -0.001 min
Lab File: VN077309.D
Acq: 12 Apr 2023 11:42

Tgt Ion:146 Resp: 244242
Ion Ratio Lower Upper
146 100
111 41.7 20.4 61.2
148 63.6 31.6 95.0

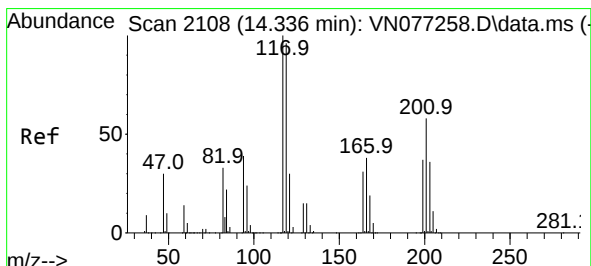
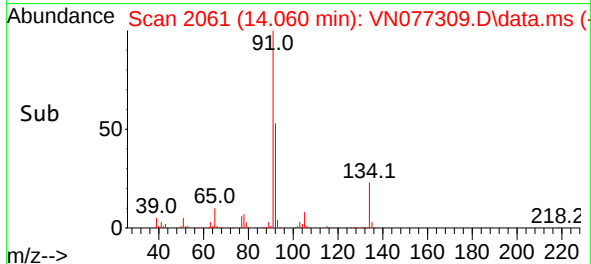
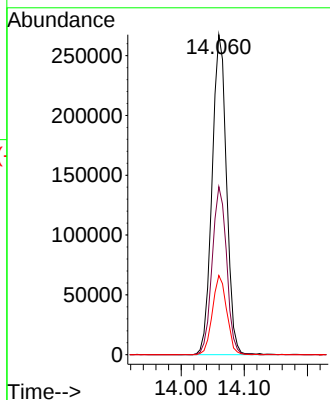
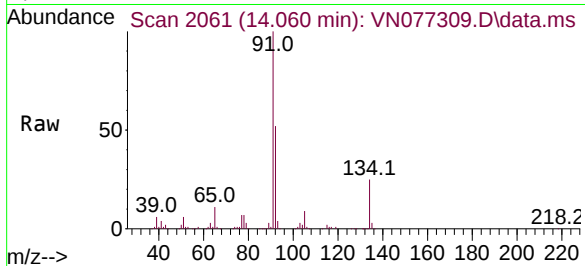




#89
n-Butylbenzene
Concen: 19.152 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.001 min
Lab File: VN077309.D
Acq: 12 Apr 2023 11:42

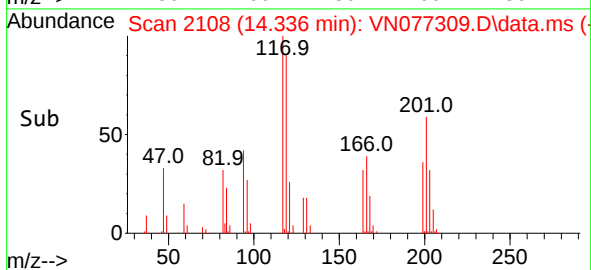
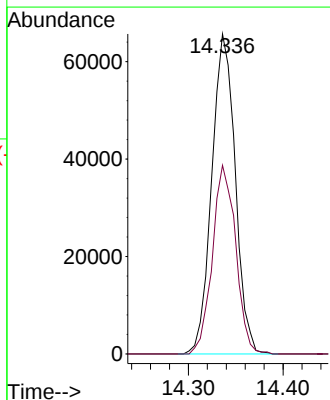
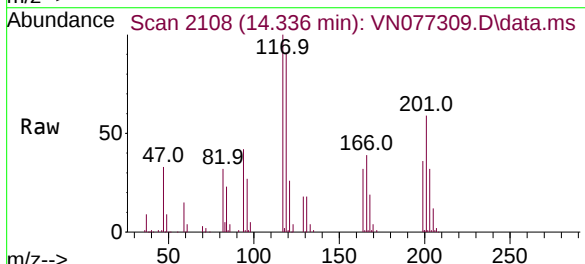
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS01

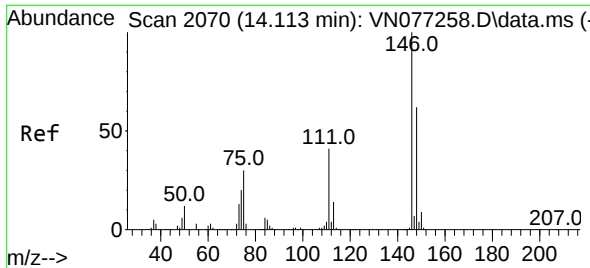
Tgt Ion: 91 Resp: 424672
Ion Ratio Lower Upper
91 100
92 52.6 26.7 80.0
134 24.5 12.8 38.3



#90
Hexachloroethane
Concen: 19.360 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VN077309.D
Acq: 12 Apr 2023 11:42

Tgt Ion: 117 Resp: 113065
Ion Ratio Lower Upper
117 100
201 58.6 29.8 89.5

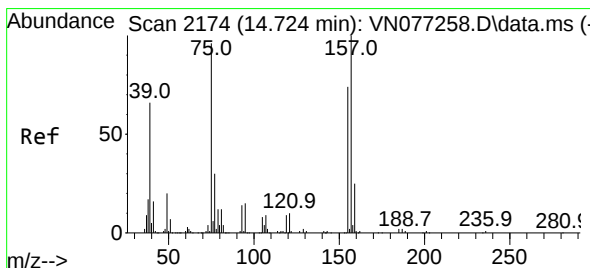
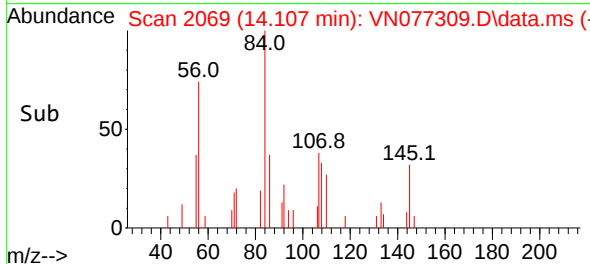
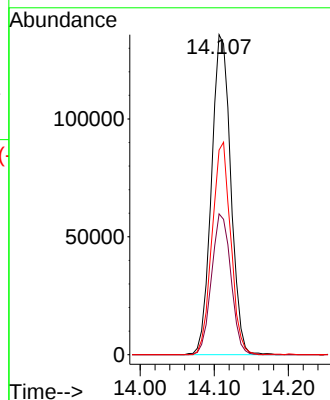
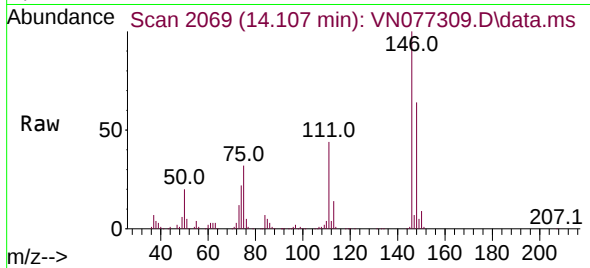




#91
1,2-Dichlorobenzene
Concen: 18.987 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.006 min
Lab File: VN077309.D
Acq: 12 Apr 2023 11:42

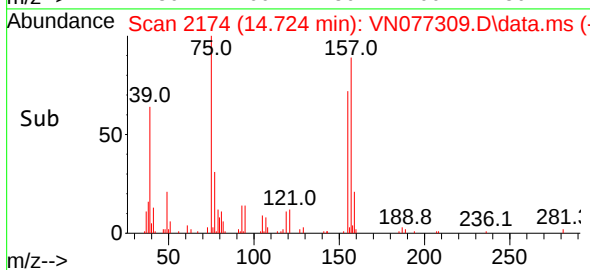
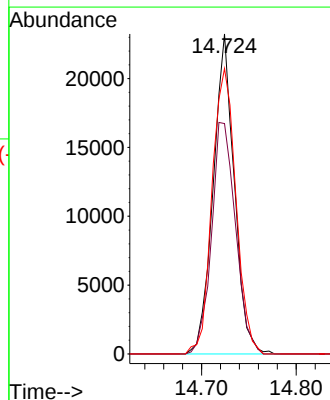
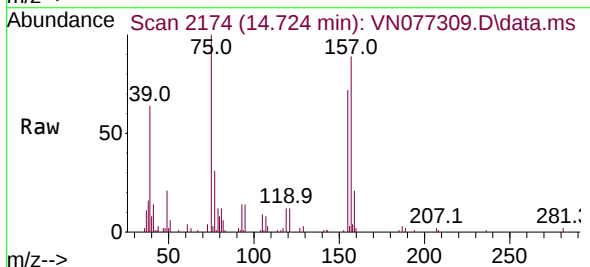
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS01

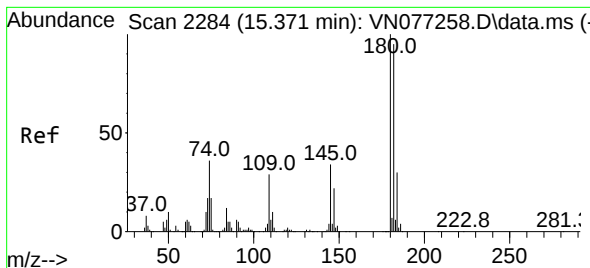
Tgt Ion:146 Resp: 245096
Ion Ratio Lower Upper
146 100
111 44.1 21.9 65.5
148 64.2 31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.617 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN077309.D
Acq: 12 Apr 2023 11:42

Tgt Ion: 75 Resp: 35941
Ion Ratio Lower Upper
75 100
155 82.4 41.0 123.2
157 100.7 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 16.621 ug/l

RT: 15.371 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN077309.D

Acq: 12 Apr 2023 11:42

Instrument :

MSVOA_N

ClientSampleId :

VN0412WBS01

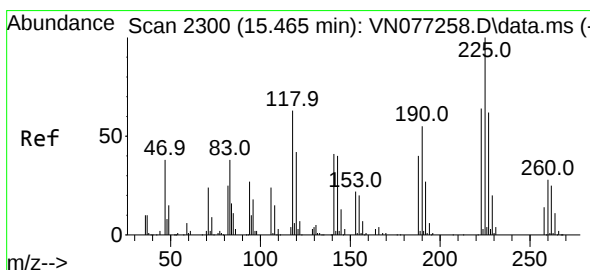
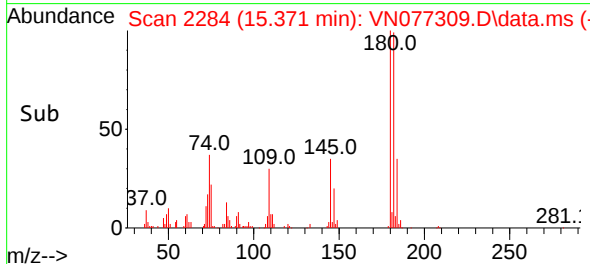
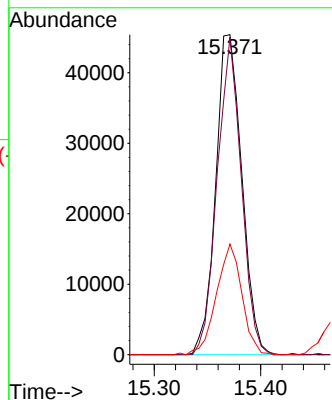
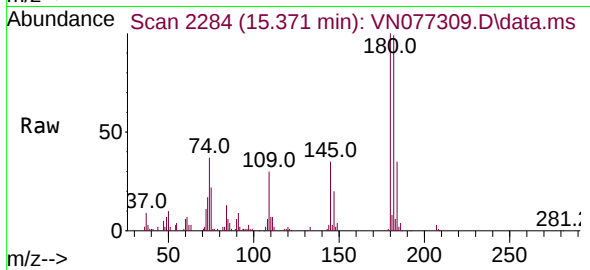
Tgt Ion:180 Resp: 77451

Ion Ratio Lower Upper

180 100

182 91.2 46.7 140.0

145 33.5 16.6 49.8



#94

Hexachlorobutadiene

Concen: 18.519 ug/l

RT: 15.465 min Scan# 2300

Delta R.T. 0.000 min

Lab File: VN077309.D

Acq: 12 Apr 2023 11:42

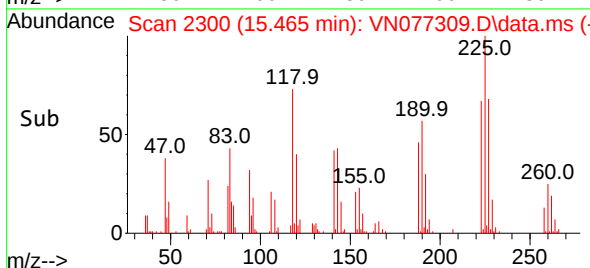
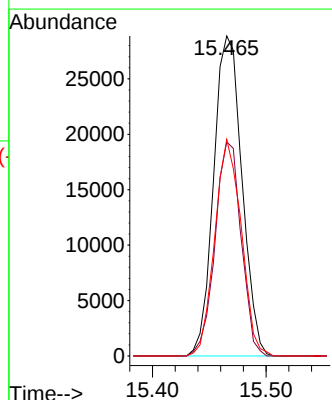
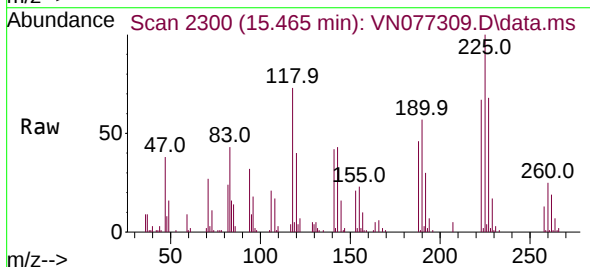
Tgt Ion:225 Resp: 49953

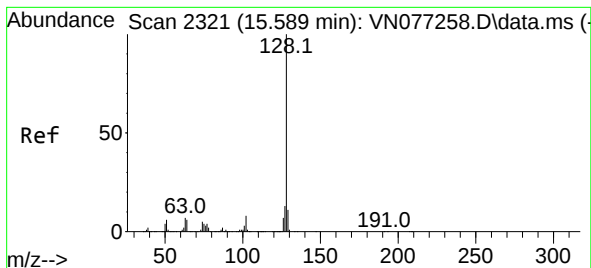
Ion Ratio Lower Upper

225 100

223 61.6 31.7 95.1

227 63.3 31.2 93.6





#95

Naphthalene

Concen: 16.276 ug/l

RT: 15.589 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN077309.D

Acq: 12 Apr 2023 11:42

Instrument :

MSVOA_N

ClientSampleId :

VN0412WBS01

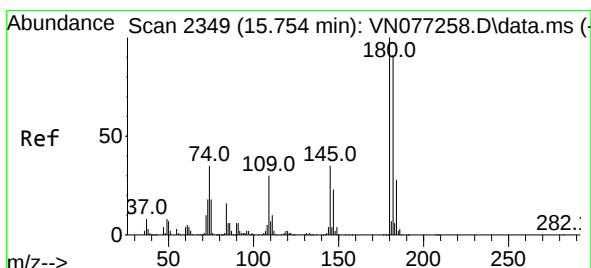
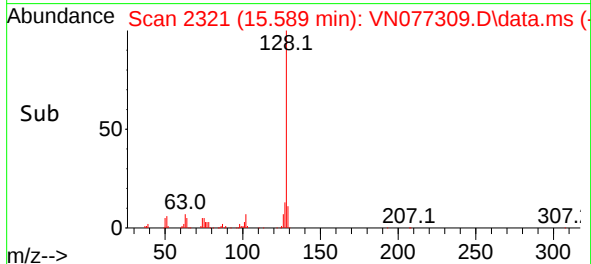
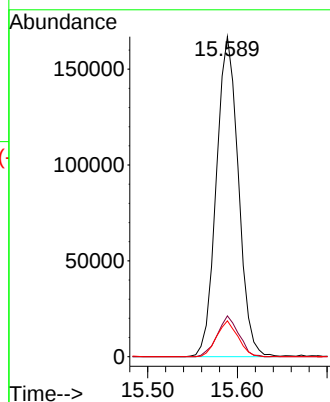
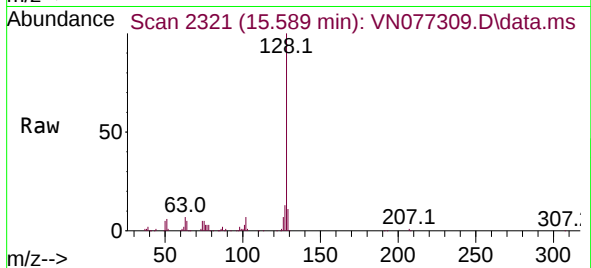
Tgt Ion:128 Resp: 284906

Ion Ratio Lower Upper

128 100

127 12.4 10.2 15.4

129 10.8 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 16.046 ug/l

RT: 15.759 min Scan# 2350

Delta R.T. 0.005 min

Lab File: VN077309.D

Acq: 12 Apr 2023 11:42

Tgt Ion:180 Resp: 71519

Ion Ratio Lower Upper

180 100

182 92.3 46.9 140.8

145 34.4 17.6 52.8

