

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082124\
 Data File : VN083420.D
 Acq On : 21 Aug 2024 19:55
 Operator : JC\MD
 Sample : P3669-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 22 01:50:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

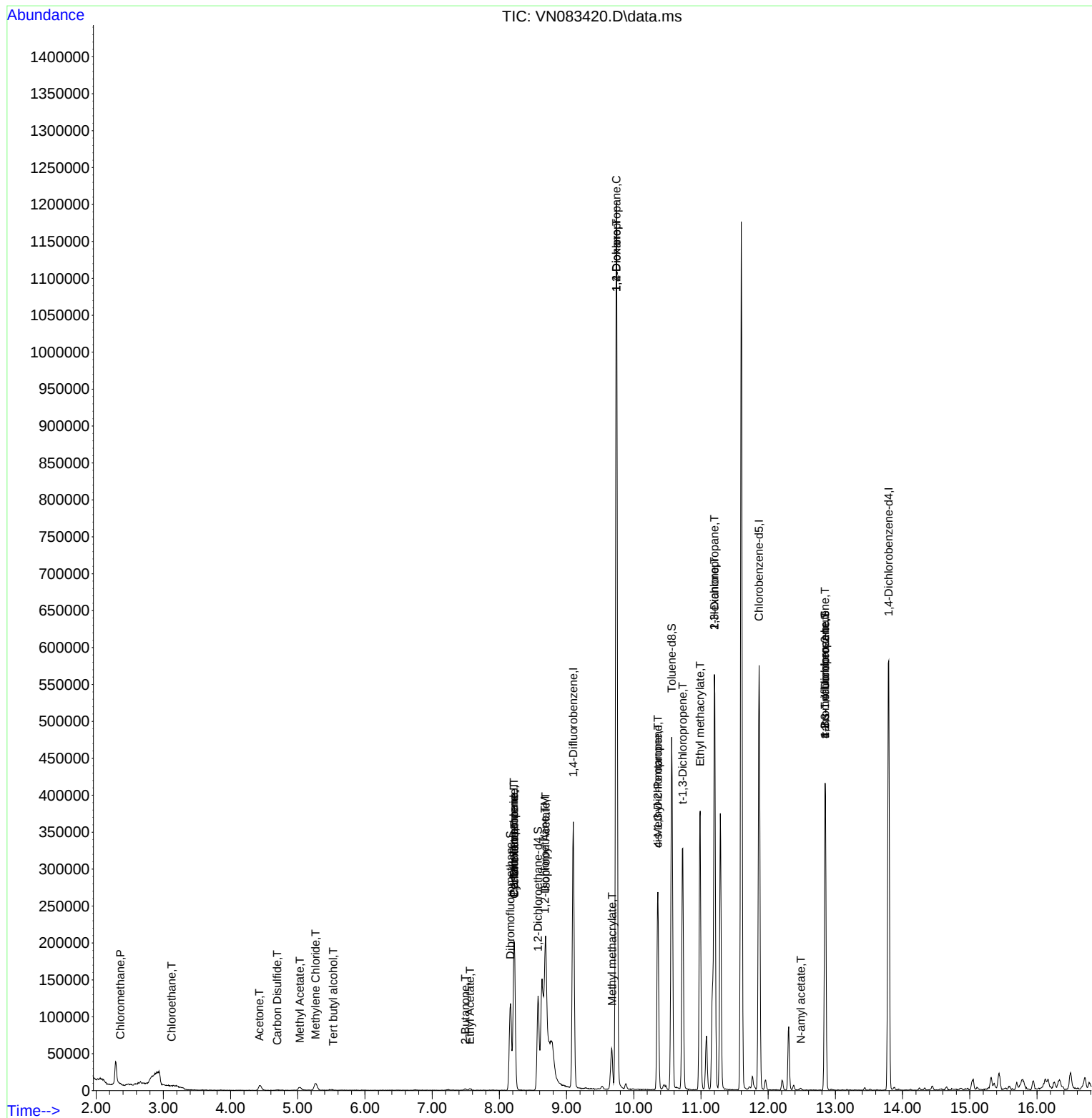
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.218	168	139352	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	290694	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	314860	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	154935	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	108613	54.758	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.520%	
35) Dibromofluoromethane	8.165	113	86790	47.833	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 95.660%	
50) Toluene-d8	10.565	98	319006	47.132	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 94.260%	
62) 4-Bromofluorobenzene	12.847	95	147666	55.962	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 111.920%	
Target Compounds						Qvalue
3) Chloromethane	2.359	50	492	0.304	ug/l #	43
6) Chloroethane	3.124	64	398	0.385	ug/l #	41
11) Tert butyl alcohol	5.530	59	316	0.767	ug/l #	71
16) Acetone	4.430	43	13634	17.566	ug/l	98
17) Carbon Disulfide	4.695	76	1082	0.239	ug/l #	75
18) Methyl Acetate	5.030	43	9440	4.082	ug/l	97
20) Methylene Chloride	5.265	84	7859	4.400	ug/l #	78
25) 2-Butanone	7.494	43	3654	3.066	ug/l #	80
31) Cyclohexane	8.224	56	3545	1.206	ug/l #	1
36) 1,1-Dichloropropene	8.218	75	12822	4.671	ug/l #	51
37) Ethyl Acetate	7.565	43	3587	1.167	ug/l #	84
38) Carbon Tetrachloride	8.218	117	16590	5.366	ug/l #	18
42) 1,2-Dichloroethane	8.677	62	1448	0.486	ug/l #	78
43) Isopropyl Acetate	8.688	43	212991	39.322	ug/l #	86
45) 1,2-Dichloropropane	9.741	63	1634	0.842	ug/l #	44
48) Methyl methacrylate	9.677	41	3893	1.532	ug/l #	51
49) 1,4-Dioxane	9.741	88	120	2.618	ug/l #	1
51) 4-Methyl-2-Pentanone	10.359	43	106372	36.602	ug/l #	50
53) t-1,3-Dichloropropene	10.729	75	793	0.247	ug/l #	43
54) cis-1,3-Dichloropropene	10.359	75	47803	14.026	ug/l #	54
56) Ethyl methacrylate	10.988	69	1219	0.349	ug/l #	1
57) 1,3-Dichloropropane	11.200	76	5962	1.807	ug/l #	43
59) 2-Hexanone	11.200	43	76739	34.132	ug/l #	58
74) N-amyl acetate	12.488	43	2726	0.430	ug/l #	46
76) 1,2,3-Trichloropropane	12.847	75	82049	24.129	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	82049	52.486	ug/l #	6

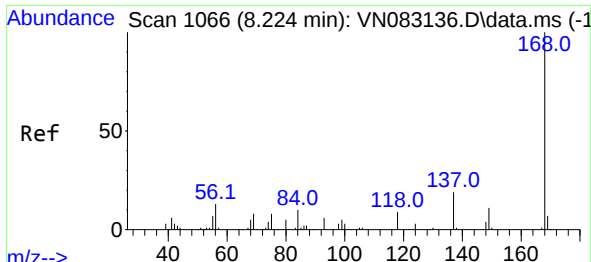
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082124\
Data File : VN083420.D
Acq On : 21 Aug 2024 19:55
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Sample : P3669-05
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
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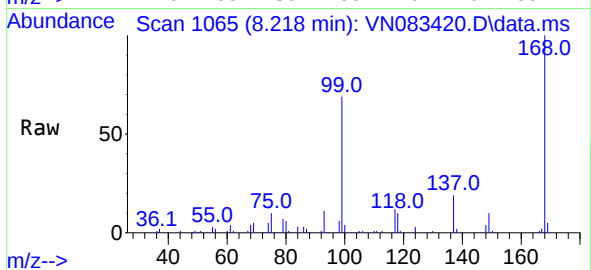
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:30:41 2024
Response via : Initial Calibration



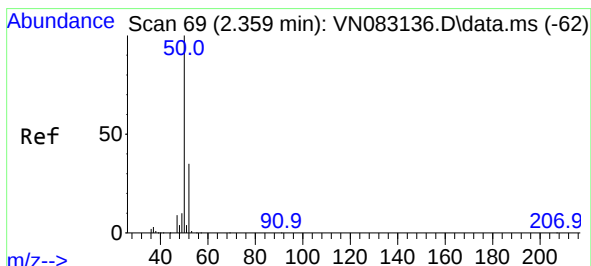
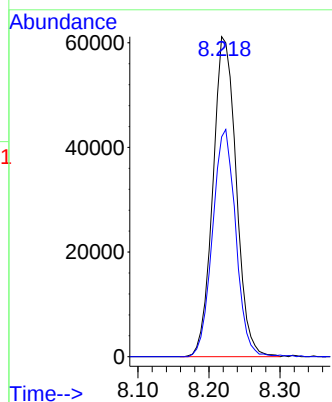
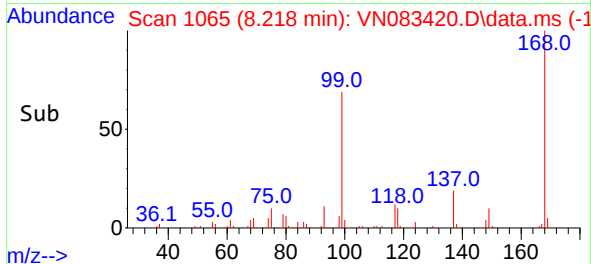


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN083420.D
Acq: 21 Aug 2024 19:55

Instrument :
MSVOA_N
ClientSampleId :

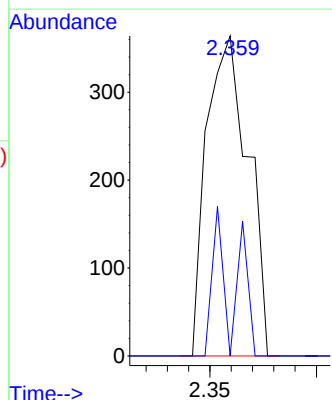
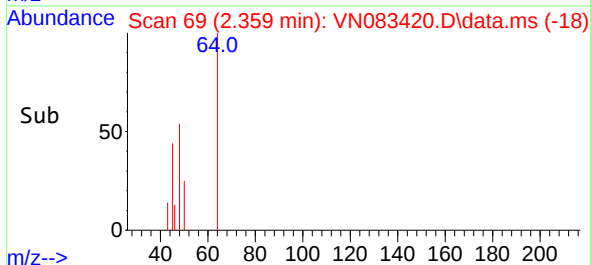
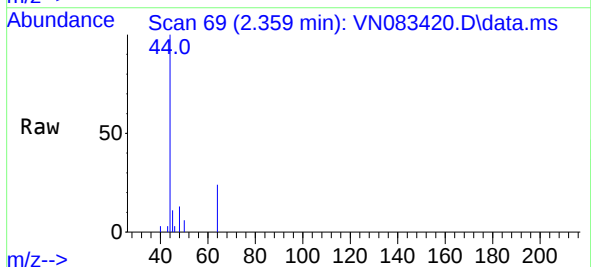


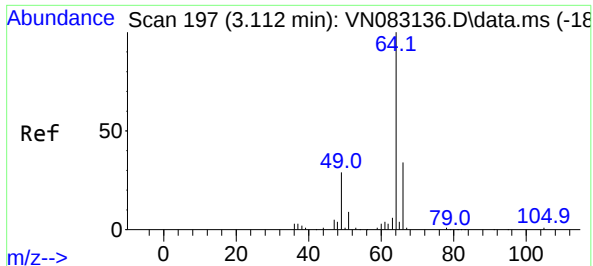
Tgt Ion:168 Resp: 139352
Ion Ratio Lower Upper
168 100
99 68.7 48.2 72.4



#3
Chloromethane
Concen: 0.304 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083420.D
Acq: 21 Aug 2024 19:55

Tgt Ion: 50 Resp: 492
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#

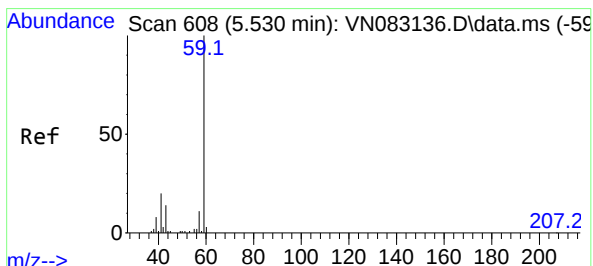
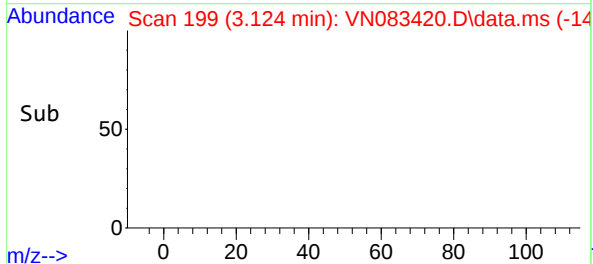
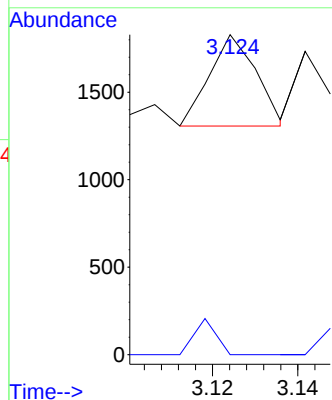
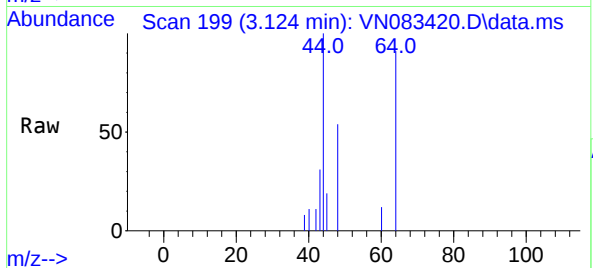




#6
Chloroethane
Concen: 0.385 ug/l
RT: 3.124 min Scan# 197
Delta R.T. 0.012 min
Lab File: VN083420.D
Acq: 21 Aug 2024 19:55

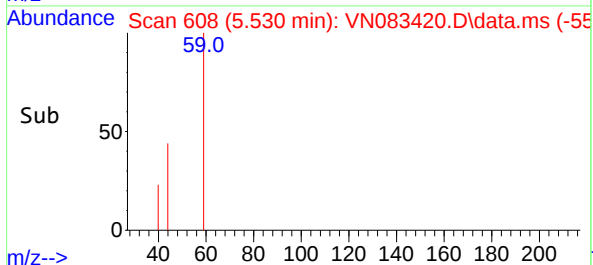
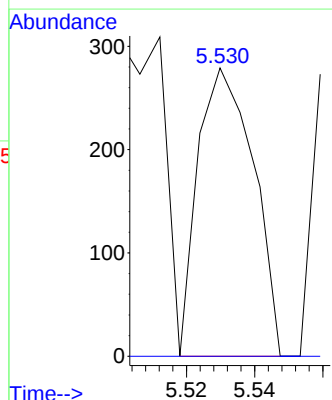
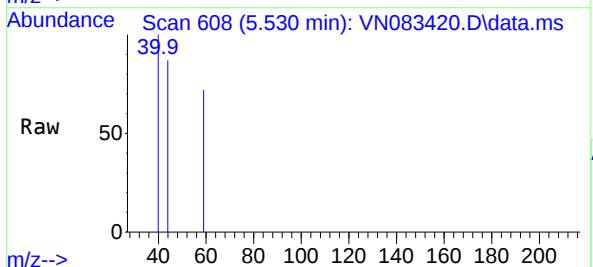
Instrument :
MSVOA_N
ClientSampleId :

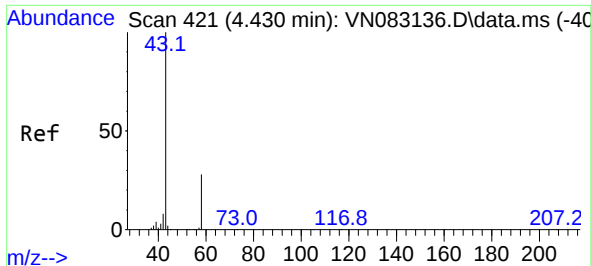
Tgt Ion: 64 Resp: 398
Ion Ratio Lower Upper
64 100
66 0.0 26.6 40.0#



#11
Tert butyl alcohol
Concen: 0.767 ug/l
RT: 5.530 min Scan# 608
Delta R.T. 0.000 min
Lab File: VN083420.D
Acq: 21 Aug 2024 19:55

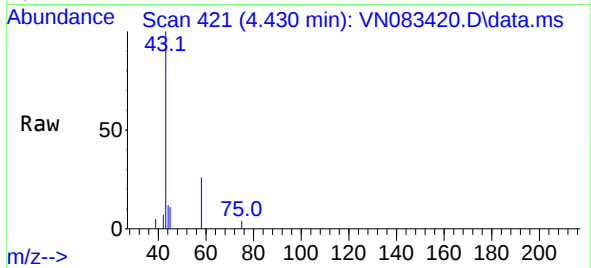
Tgt Ion: 59 Resp: 316
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#



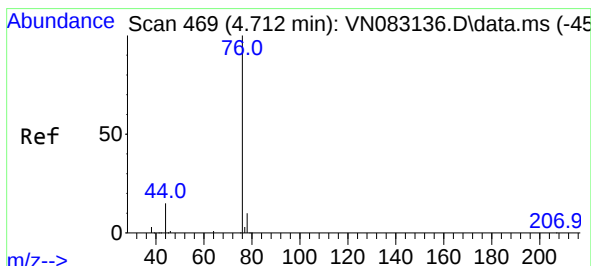
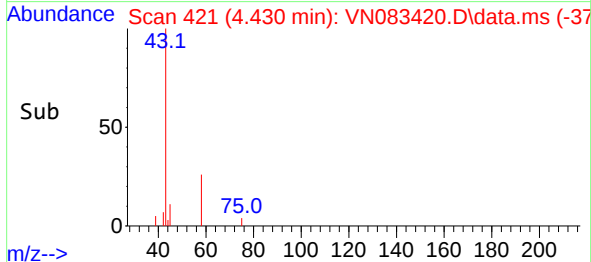
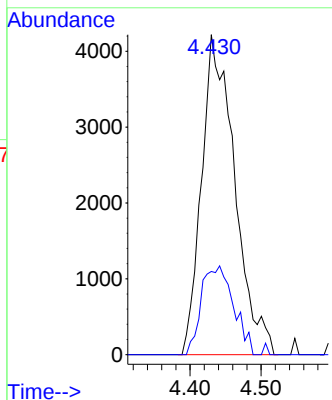


#16
Acetone
Concen: 17.566 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN083420.D
Acq: 21 Aug 2024 19:55

Instrument :
MSVOA_N
ClientSampleId :

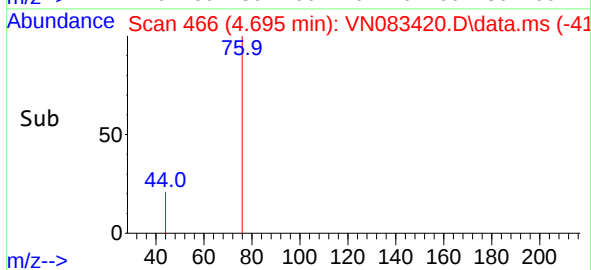
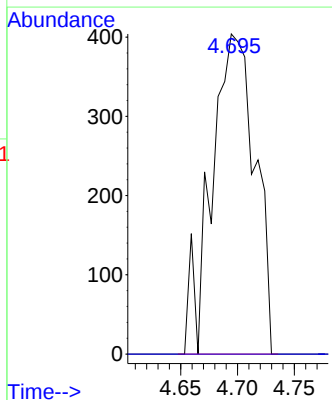
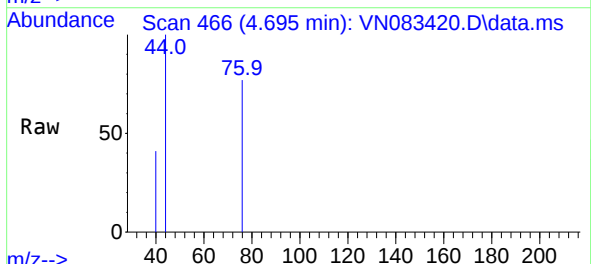


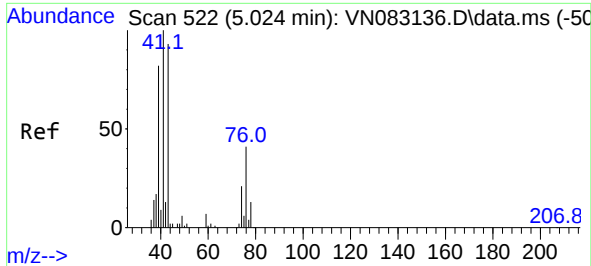
Tgt Ion: 43 Resp: 13634
Ion Ratio Lower Upper
43 100
58 26.0 21.8 32.6



#17
Carbon Disulfide
Concen: 0.239 ug/l
RT: 4.695 min Scan# 466
Delta R.T. -0.018 min
Lab File: VN083420.D
Acq: 21 Aug 2024 19:55

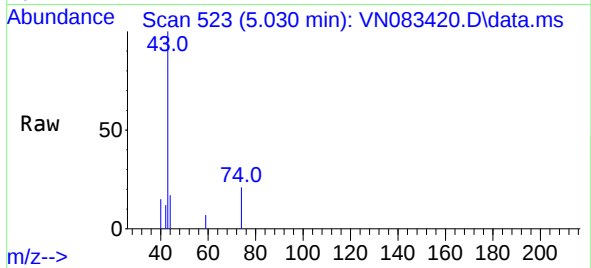
Tgt Ion: 76 Resp: 1082
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



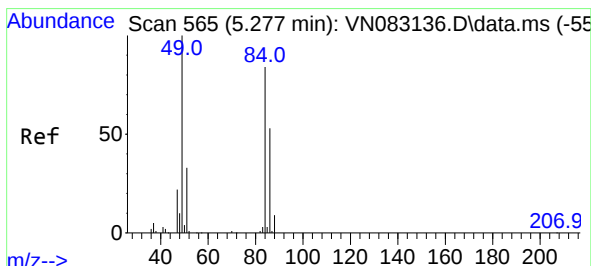
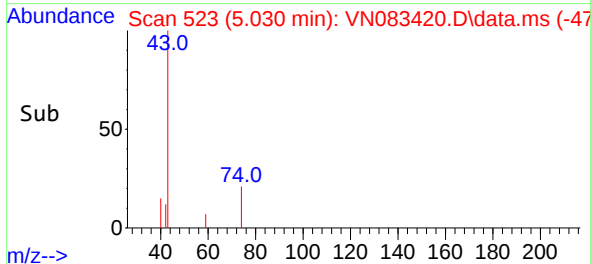
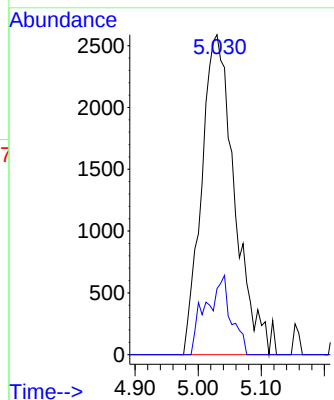


#18
Methyl Acetate
Concen: 4.082 ug/l
RT: 5.030 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN083420.D
Acq: 21 Aug 2024 19:55

Instrument :
MSVOA_N
ClientSampleId :

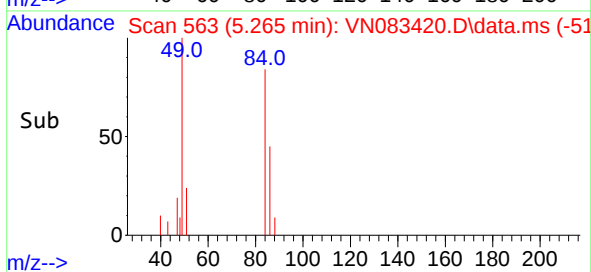
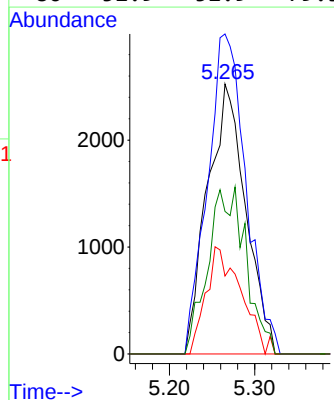
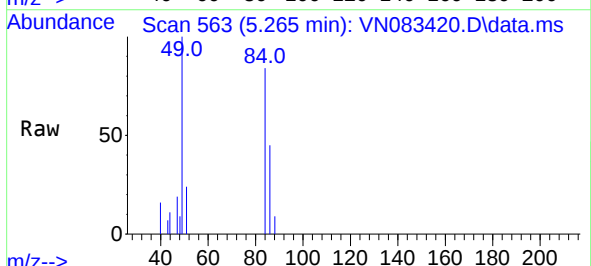


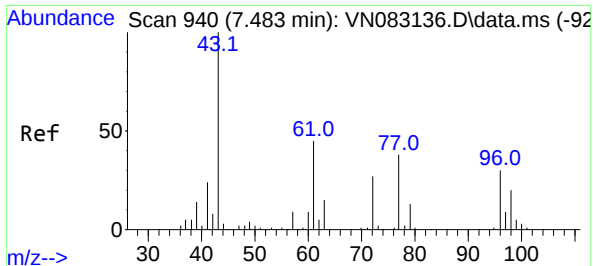
Tgt Ion: 43 Resp: 9440
Ion Ratio Lower Upper
43 100
74 18.8 16.3 24.5



#20
Methylene Chloride
Concen: 4.400 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.012 min
Lab File: VN083420.D
Acq: 21 Aug 2024 19:55

Tgt Ion: 84 Resp: 7859
Ion Ratio Lower Upper
84 100
49 118.6 119.6 179.4#
51 28.8 34.8 52.2#
86 52.9 52.9 79.3#

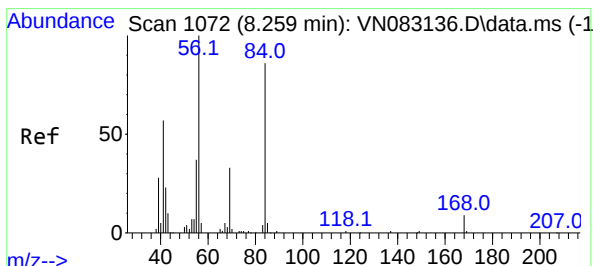
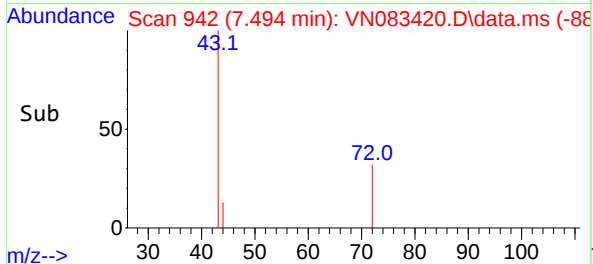
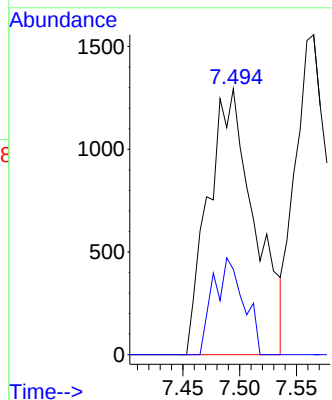
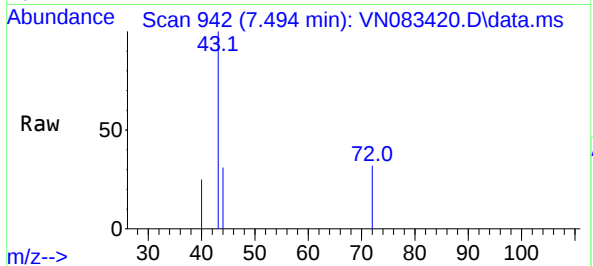




#25
2-Butanone
Concen: 3.066 ug/l
RT: 7.494 min Scan# 94
Delta R.T. 0.012 min
Lab File: VN083420.D
Acq: 21 Aug 2024 19:55

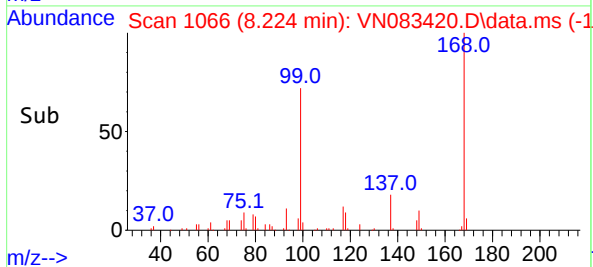
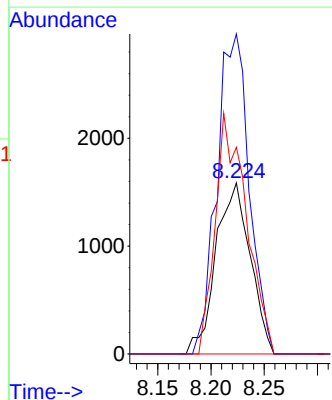
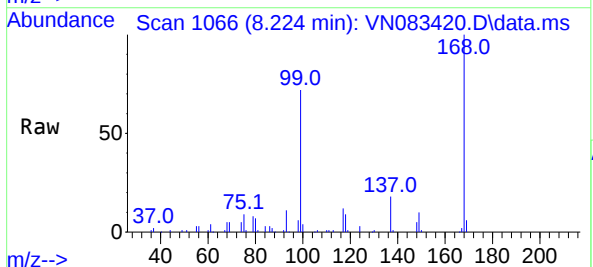
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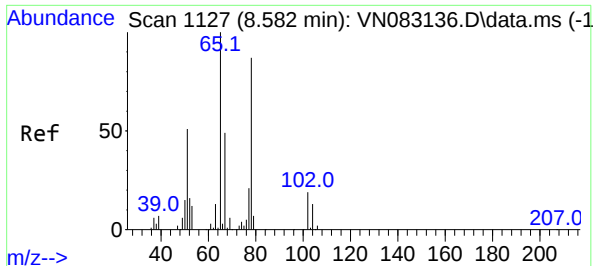
Tgt Ion: 43 Resp: 3654
Ion Ratio Lower Upper
43 100
72 32.1 18.2 27.2#



#31
Cyclohexane
Concen: 1.206 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN083420.D
Acq: 21 Aug 2024 19:55

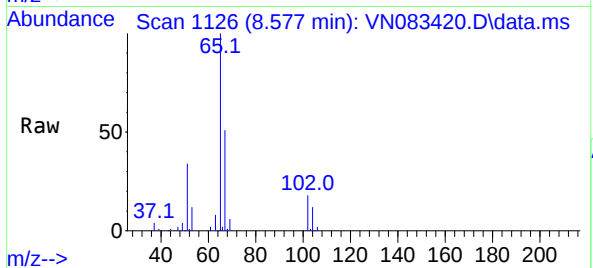
Tgt Ion: 56 Resp: 3545
Ion Ratio Lower Upper
56 100
69 187.0 24.5 36.7#
84 120.9 66.0 99.0#



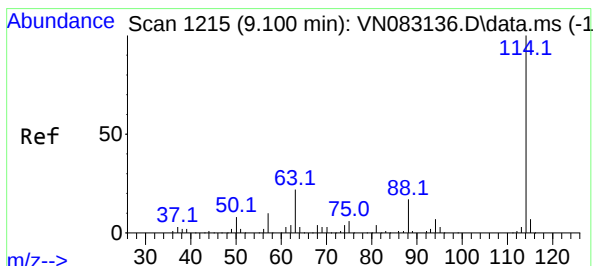
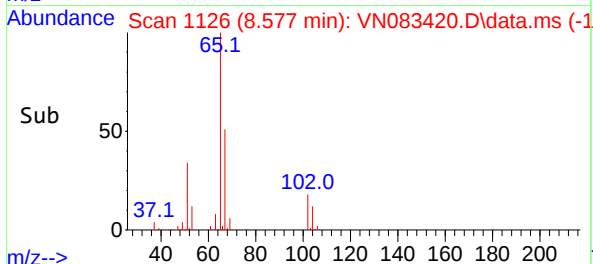
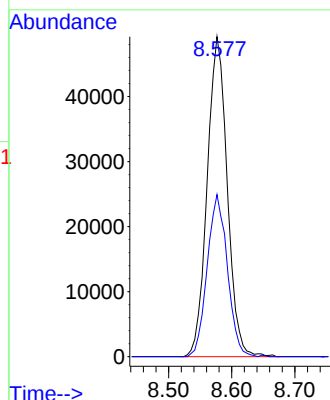


#33
1,2-Dichloroethane-d4
Concen: 54.758 ug/l
RT: 8.577 min Scan# 1127
Delta R.T. -0.005 min
Lab File: VN083420.D
Acq: 21 Aug 2024 19:55

Instrument :
MSVOA_N
ClientSampleId :

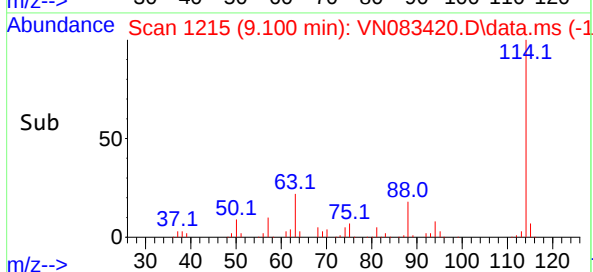
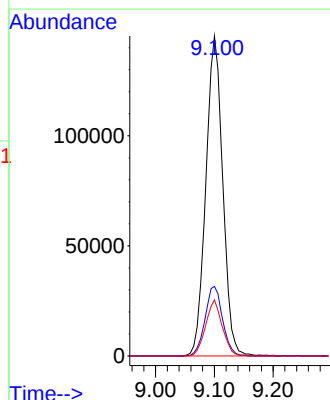
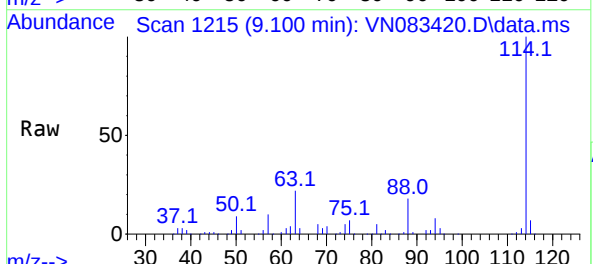


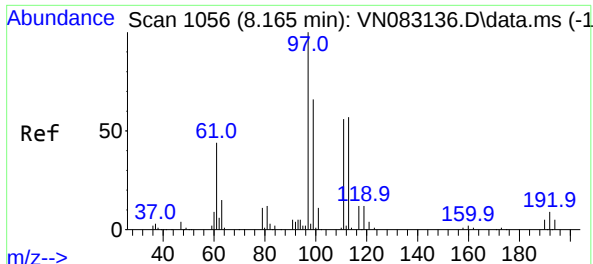
Tgt Ion: 65 Resp: 108613
Ion Ratio Lower Upper
65 100
67 50.8 0.0 104.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN083420.D
Acq: 21 Aug 2024 19:55

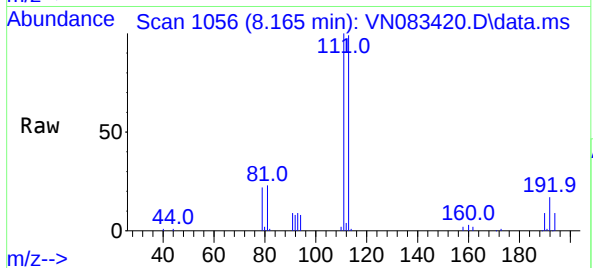
Tgt Ion: 114 Resp: 290694
Ion Ratio Lower Upper
114 100
63 21.7 0.0 44.6
88 17.5 0.0 31.4



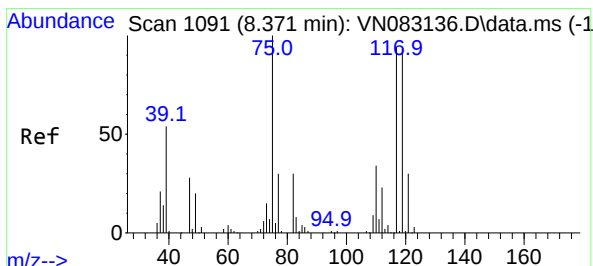
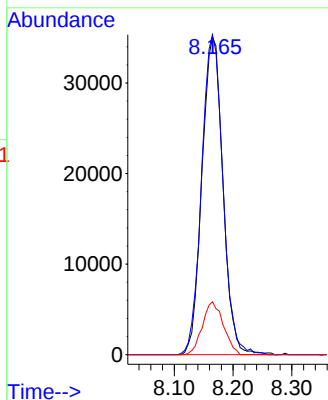
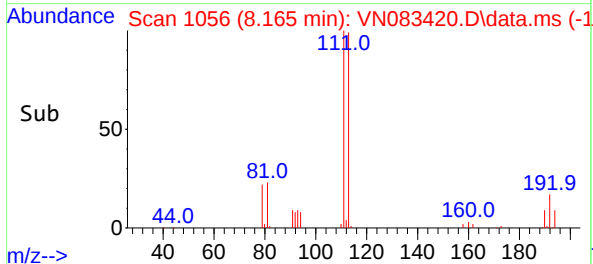


#35
Dibromofluoromethane
Concen: 47.833 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083420.D
Acq: 21 Aug 2024 19:55

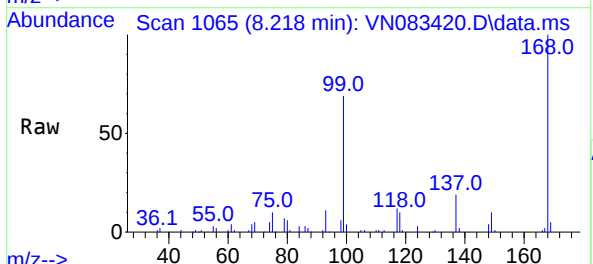
Instrument :
MSVOA_N
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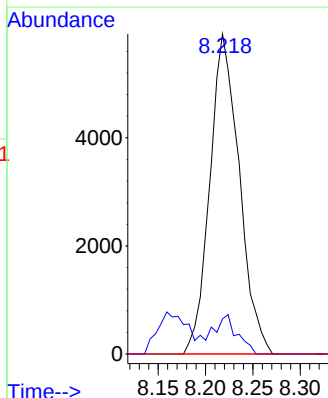
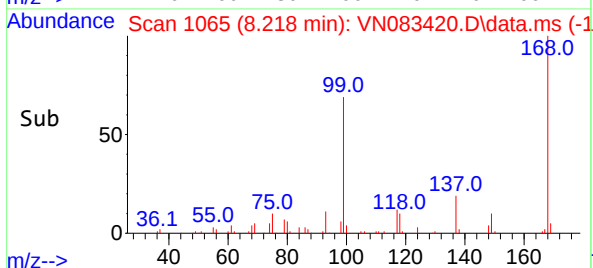
Tgt Ion:113 Resp: 86790
Ion Ratio Lower Upper
113 100
111 102.2 82.4 123.6
192 16.7 14.9 22.3

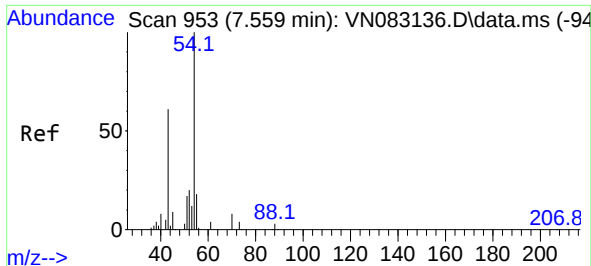


#36
1,1-Dichloropropene
Concen: 4.671 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.153 min
Lab File: VN083420.D
Acq: 21 Aug 2024 19:55



Tgt Ion: 75 Resp: 12822
Ion Ratio Lower Upper
75 100
110 9.3 16.3 48.9#
77 0.0 24.6 37.0#





#37

Ethyl Acetate

Concen: 1.167 ug/l

RT: 7.565 min Scan# 91

Delta R.T. 0.006 min

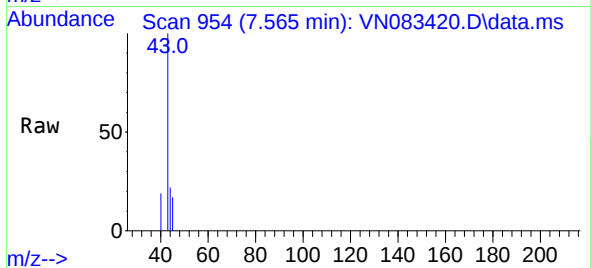
Lab File: VN083420.D

Acq: 21 Aug 2024 19:55

Instrument :

MSVOA_N

ClientSampleId :



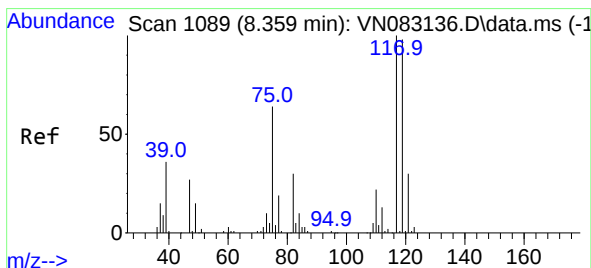
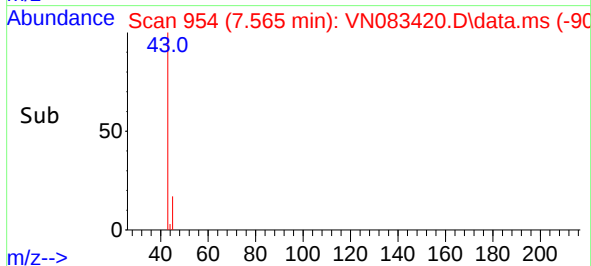
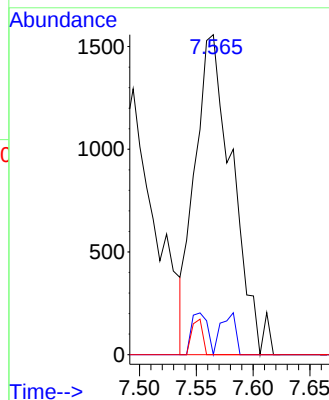
Tgt Ion: 43 Resp: 3587

Ion Ratio Lower Upper

43 100

61 5.5 9.3 13.9#

70 3.2 7.0 10.6#



#38

Carbon Tetrachloride

Concen: 5.366 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.141 min

Lab File: VN083420.D

Acq: 21 Aug 2024 19:55

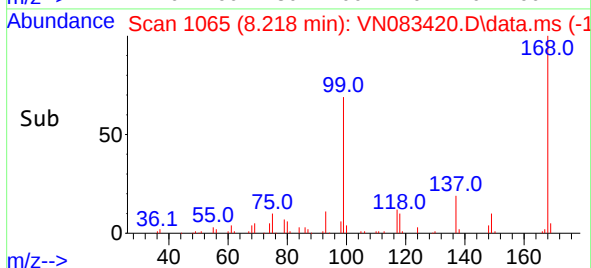
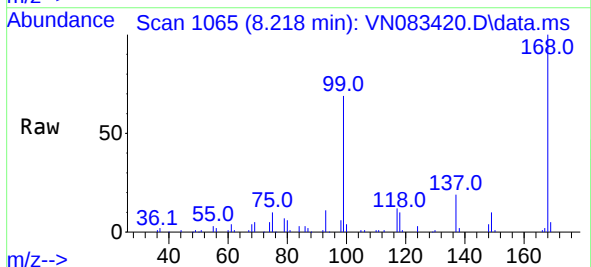
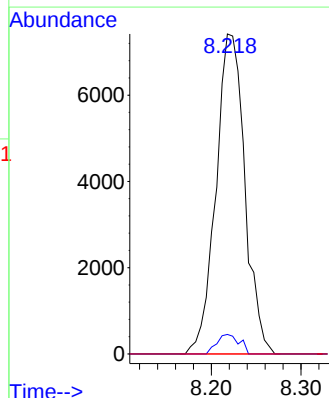
Tgt Ion: 117 Resp: 16590

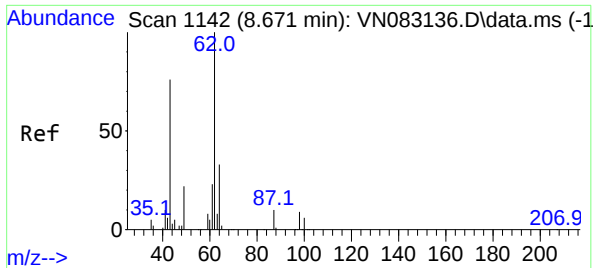
Ion Ratio Lower Upper

117 100

119 6.1 74.9 112.3#

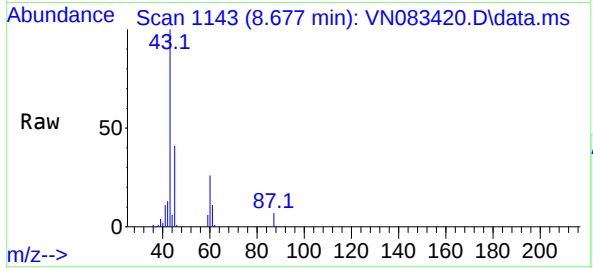
121 0.0 24.3 36.5#



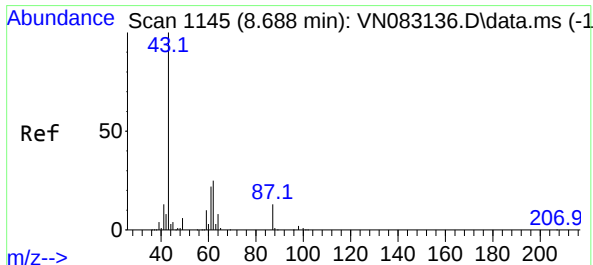
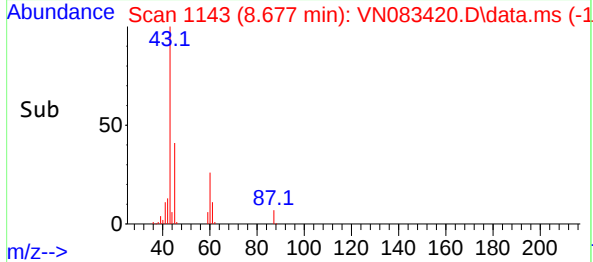
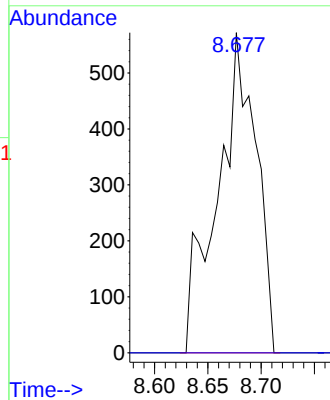


#42
1,2-Dichloroethane
Concen: 0.486 ug/l
RT: 8.677 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN083420.D
Acq: 21 Aug 2024 19:55

Instrument :
MSVOA_N
ClientSampleId :

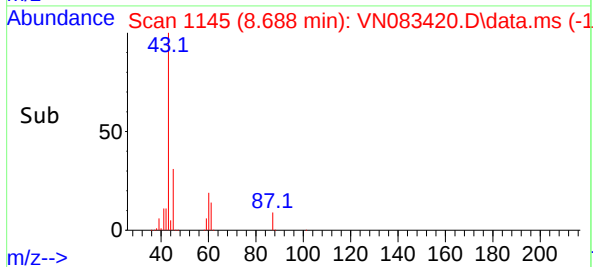
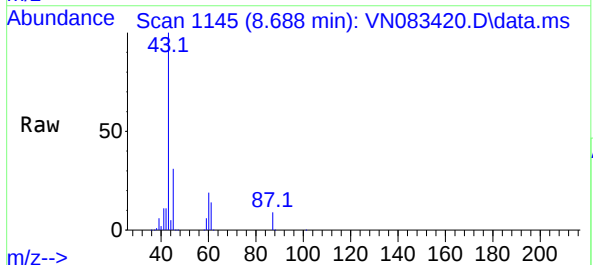
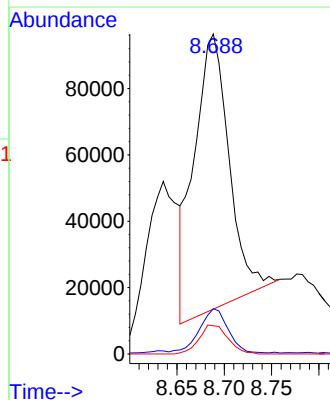


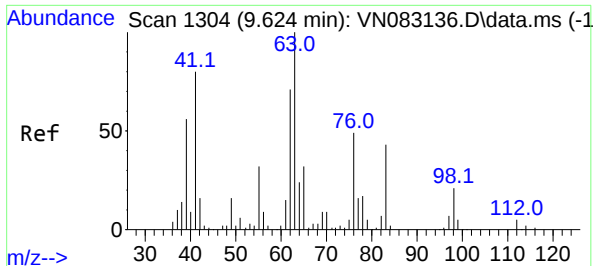
Tgt Ion: 62 Resp: 1448
Ion Ratio Lower Upper
62 100
98 0.0 0.0 15.8



#43
Isopropyl Acetate
Concen: 39.322 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083420.D
Acq: 21 Aug 2024 19:55

Tgt Ion: 43 Resp: 212991
Ion Ratio Lower Upper
43 100
61 13.2 17.8 26.6#
87 8.6 8.2 12.2

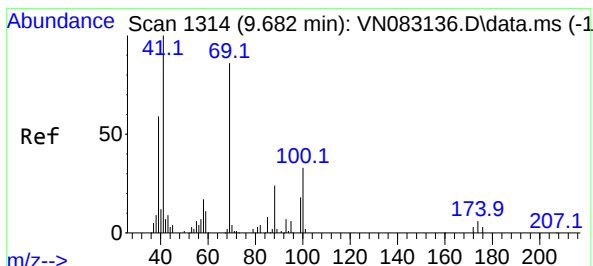
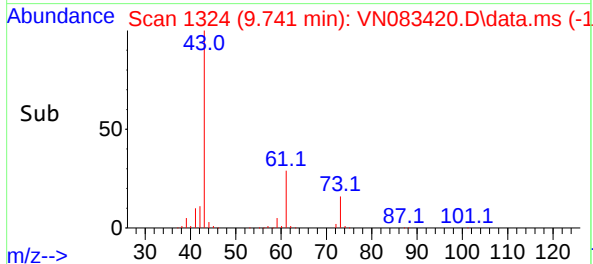
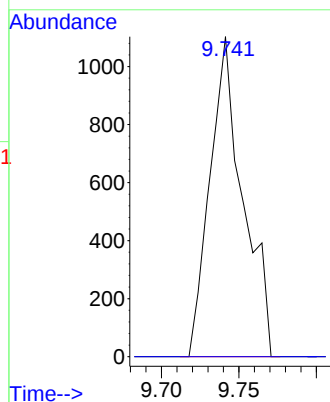
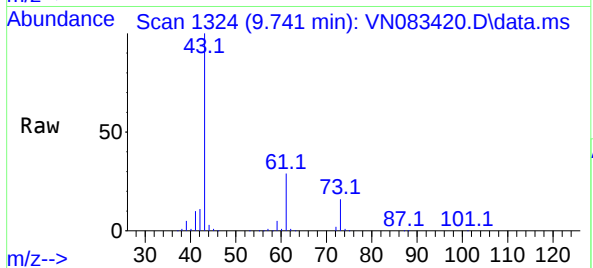




#45
1,2-Dichloropropane
Concen: 0.842 ug/l
RT: 9.741 min Scan# 11
Delta R.T. 0.118 min
Lab File: VN083420.D
Acq: 21 Aug 2024 19:55

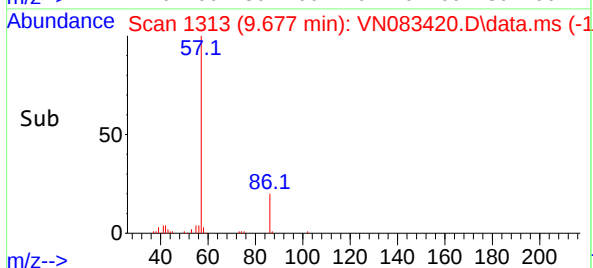
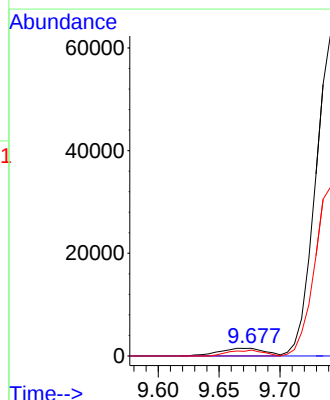
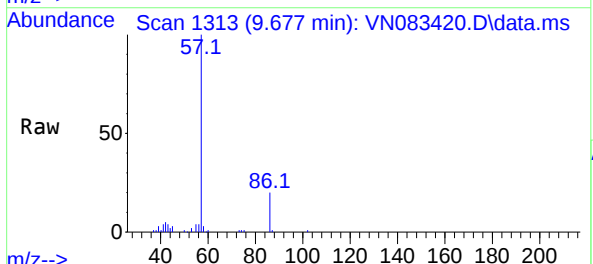
Instrument :
MSVOA_N
ClientSampleId :

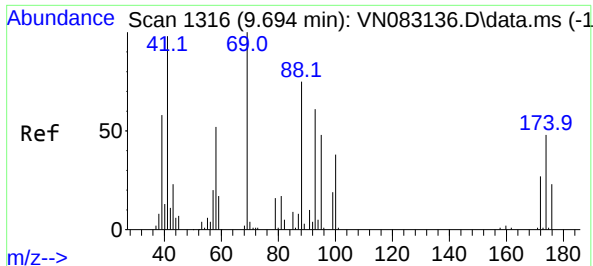
Tgt Ion: 63 Resp: 1634
Ion Ratio Lower Upper
63 100
65 0.0 24.4 36.6#



#48
Methyl methacrylate
Concen: 1.532 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.006 min
Lab File: VN083420.D
Acq: 21 Aug 2024 19:55

Tgt Ion: 41 Resp: 3893
Ion Ratio Lower Upper
41 100
69 0.0 56.3 84.5#
39 56.8 50.3 75.5

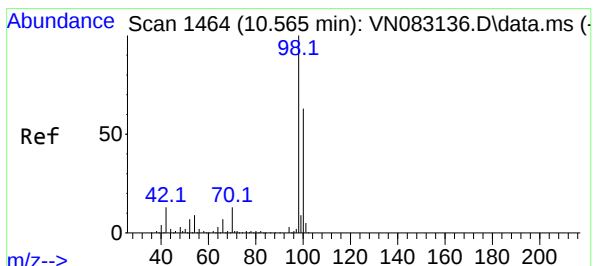
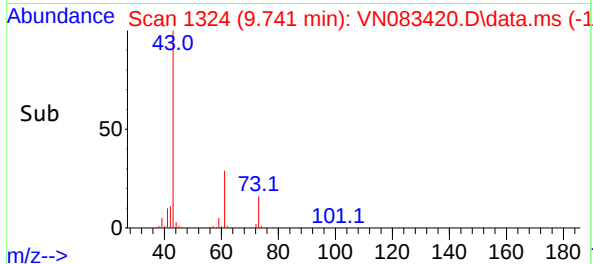
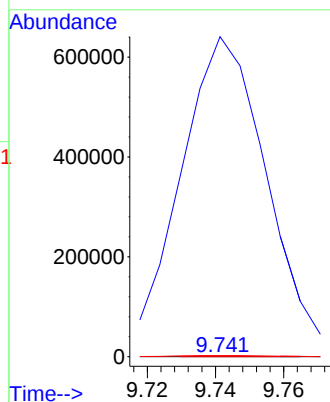
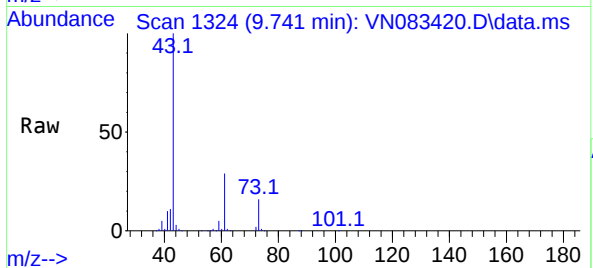




#49
1,4-Dioxane
Concen: 2.618 ug/l
RT: 9.741 min Scan# 11
Delta R.T. 0.047 min
Lab File: VN083420.D
Acq: 21 Aug 2024 19:55

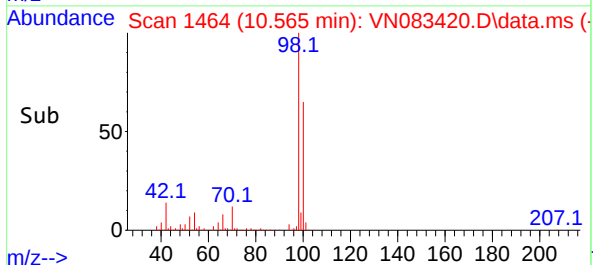
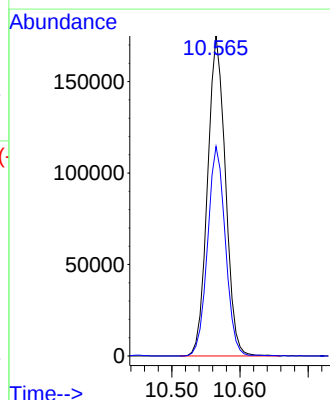
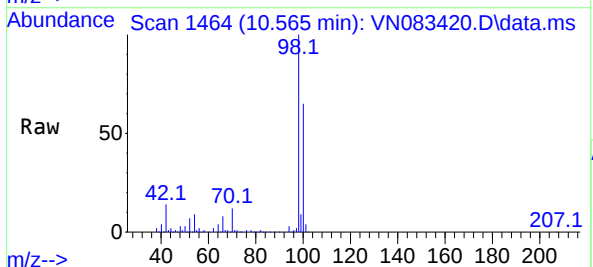
Instrument :
MSVOA_N
ClientSampleId :

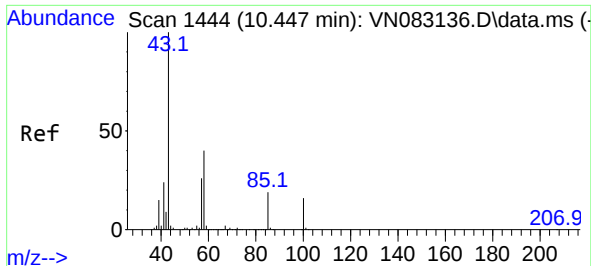
Tgt Ion: 88 Resp: 120
Ion Ratio Lower Upper
88 100
43 960560.0 27.8 41.8#
58 4010.8 59.4 89.0#



#50
Toluene-d8
Concen: 47.132 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083420.D
Acq: 21 Aug 2024 19:55

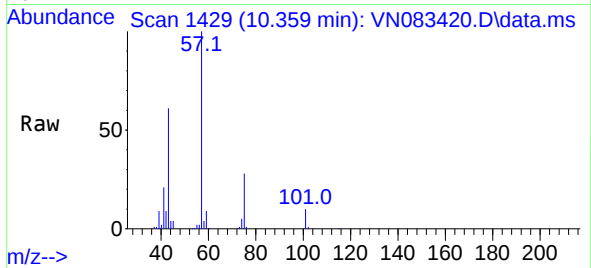
Tgt Ion: 98 Resp: 319006
Ion Ratio Lower Upper
98 100
100 65.2 51.5 77.3



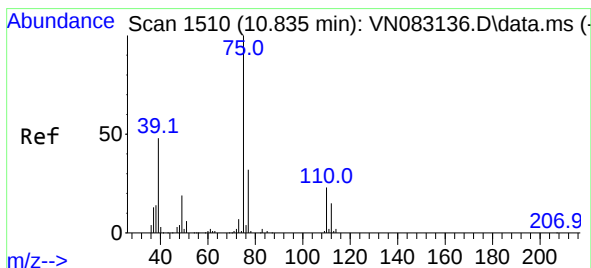
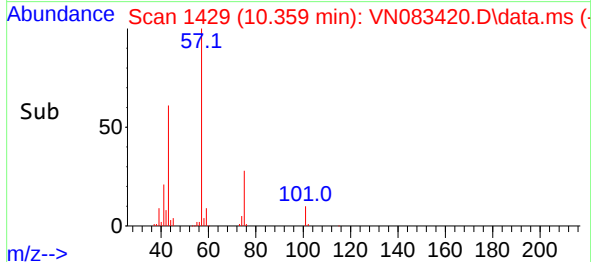
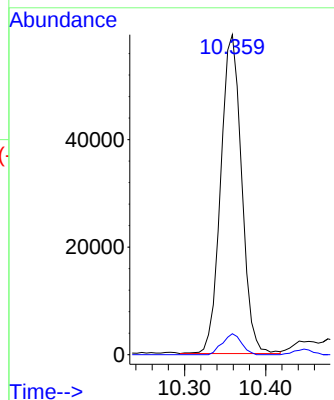


#51
4-Methyl-2-Pentanone
Concen: 36.602 ug/l
RT: 10.359 min Scan# 1429
Delta R.T. -0.088 min
Lab File: VN083420.D
Acq: 21 Aug 2024 19:55

Instrument :
MSVOA_N
ClientSampleId :

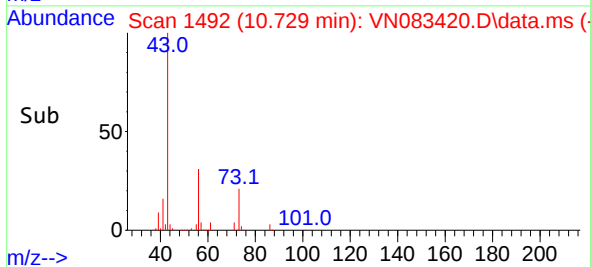
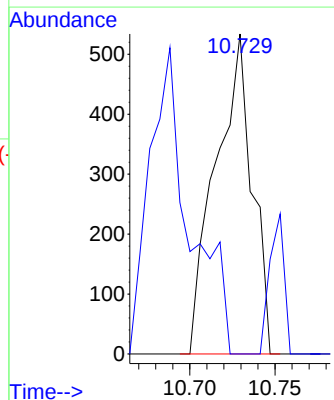
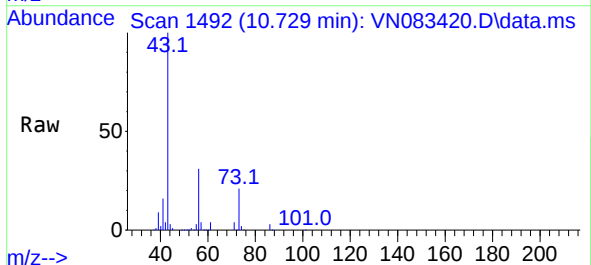


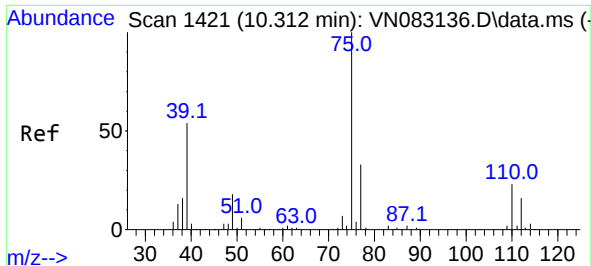
Tgt Ion: 43 Resp: 106372
Ion Ratio Lower Upper
43 100
58 6.0 28.2 42.4#



#53
t-1,3-Dichloropropene
Concen: 0.247 ug/l
RT: 10.729 min Scan# 1492
Delta R.T. -0.106 min
Lab File: VN083420.D
Acq: 21 Aug 2024 19:55

Tgt Ion: 75 Resp: 793
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#

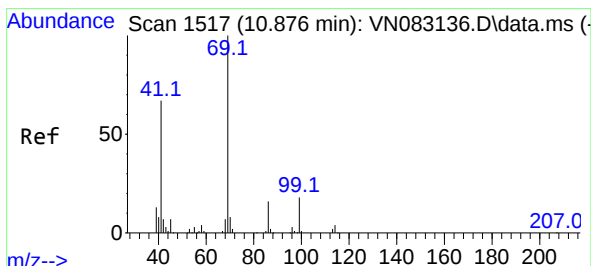
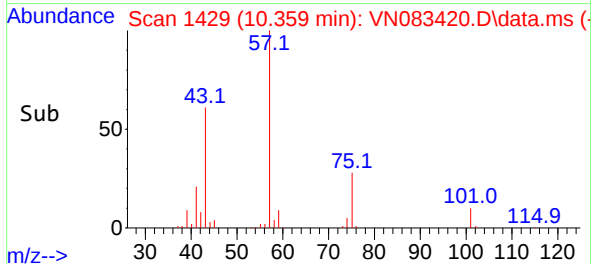
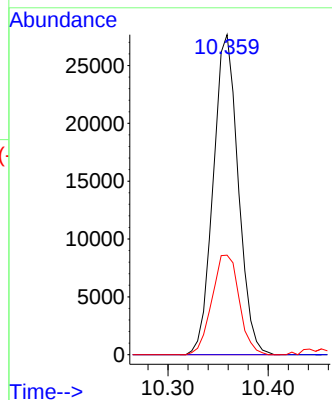
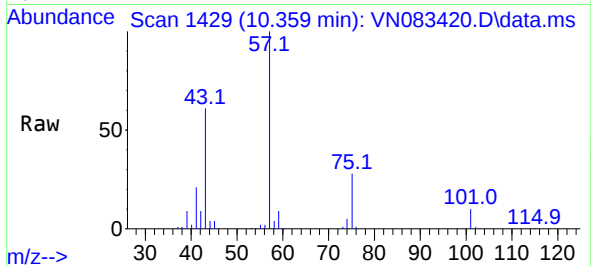




#54
cis-1,3-Dichloropropene
Concen: 14.026 ug/l
RT: 10.359 min Scan# 1429
Delta R.T. 0.047 min
Lab File: VN083420.D
Acq: 21 Aug 2024 19:55

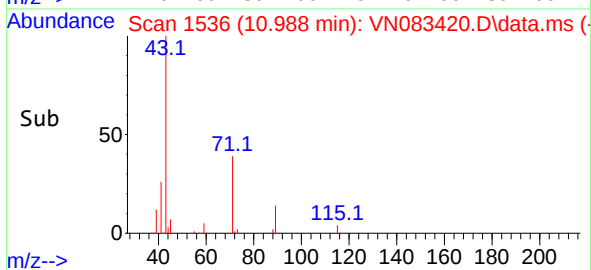
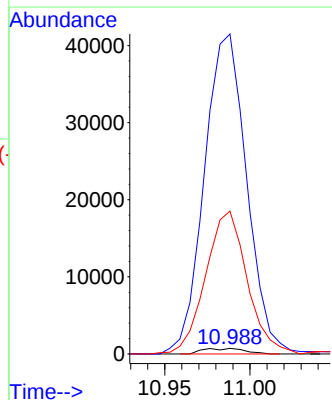
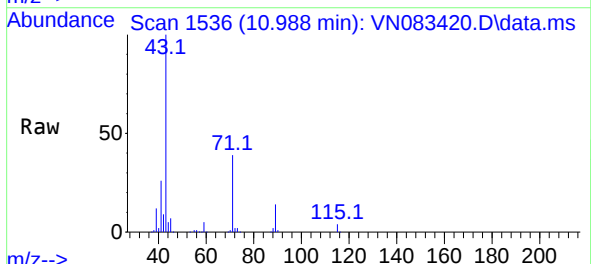
Instrument :
MSVOA_N
ClientSampleId :

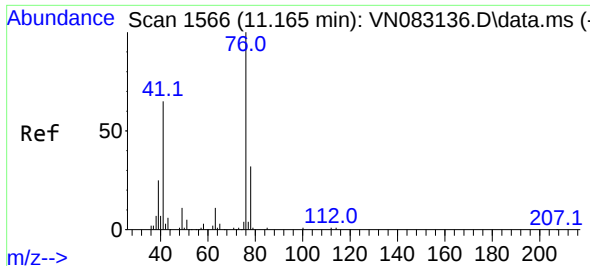
Tgt Ion: 75 Resp: 47803
Ion Ratio Lower Upper
75 100
77 0.0 24.3 36.5#
39 31.1 50.5 75.7#



#56
Ethyl methacrylate
Concen: 0.349 ug/l
RT: 10.988 min Scan# 1536
Delta R.T. 0.112 min
Lab File: VN083420.D
Acq: 21 Aug 2024 19:55

Tgt Ion: 69 Resp: 1219
Ion Ratio Lower Upper
69 100
41 5905.0 63.4 95.2#
39 2575.6 37.4 56.0#

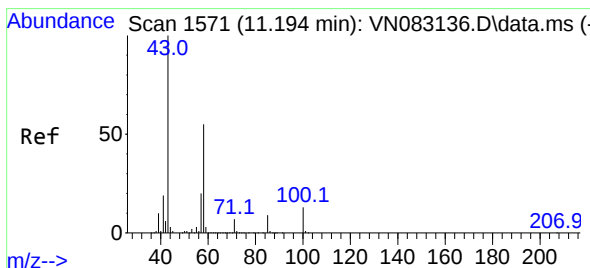
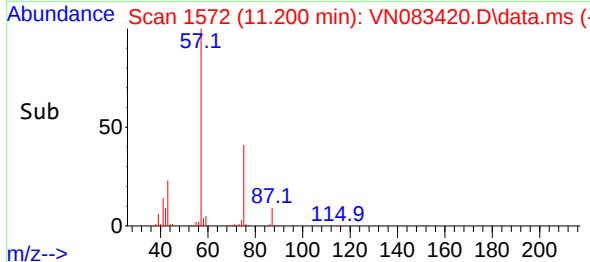
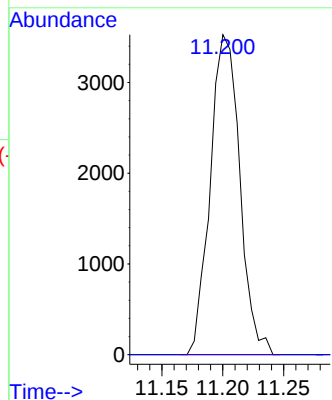
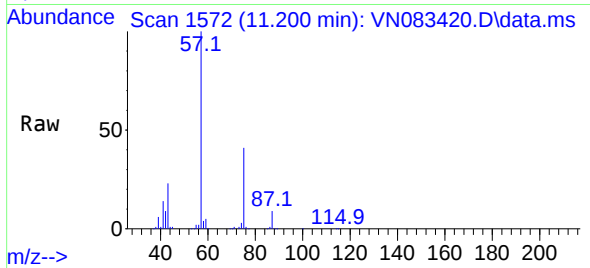




#57
1,3-Dichloropropane
Concen: 1.807 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.035 min
Lab File: VN083420.D
Acq: 21 Aug 2024 19:55

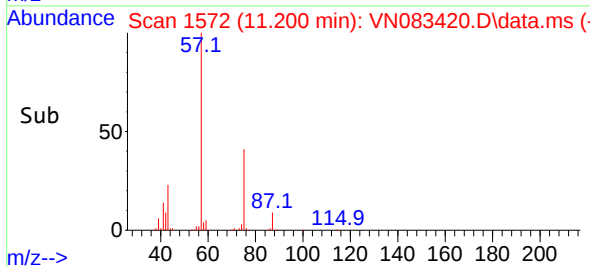
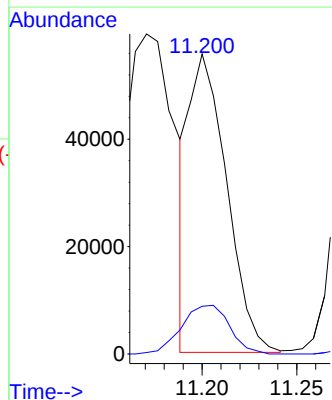
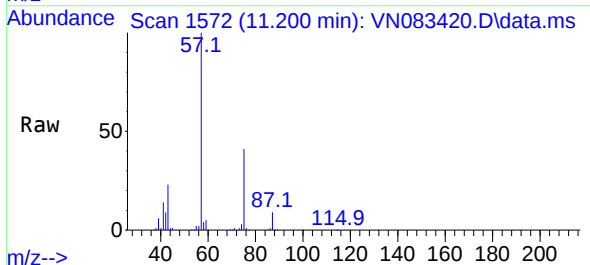
Instrument :
MSVOA_N
ClientSampleId :

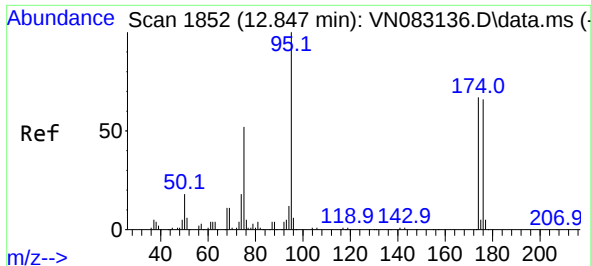
Tgt Ion: 76 Resp: 5962
Ion Ratio Lower Upper
76 100
78 0.0 25.6 38.4#



#59
2-Hexanone
Concen: 34.132 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN083420.D
Acq: 21 Aug 2024 19:55

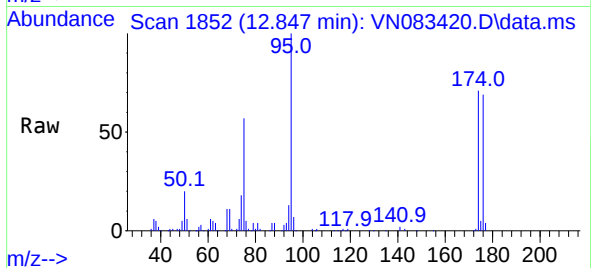
Tgt Ion: 43 Resp: 76739
Ion Ratio Lower Upper
43 100
58 20.8 24.6 73.8#



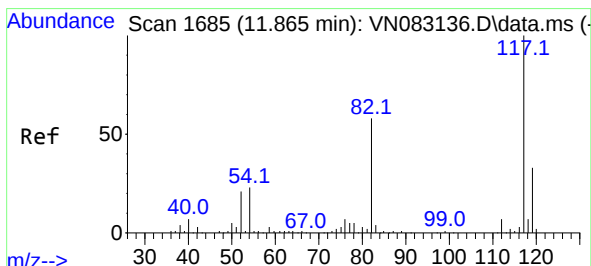
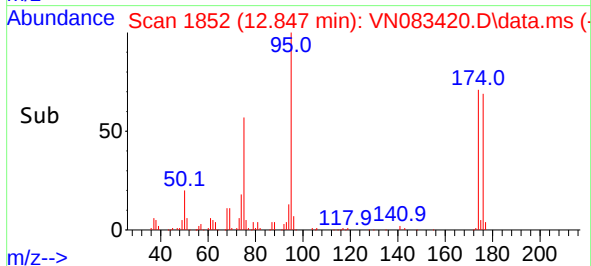
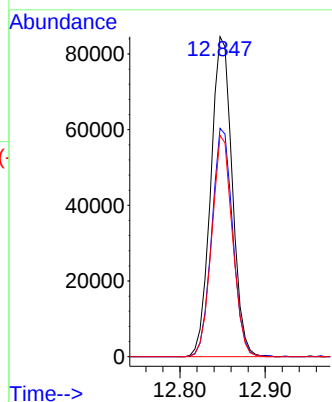


#62
4-Bromofluorobenzene
Concen: 55.962 ug/l
RT: 12.847 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083420.D
Acq: 21 Aug 2024 19:55

Instrument :
MSVOA_N
ClientSampleId :

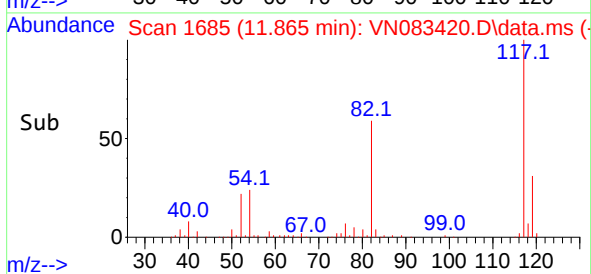
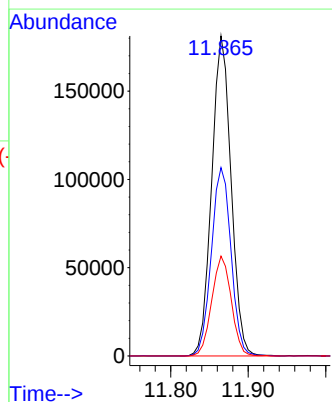
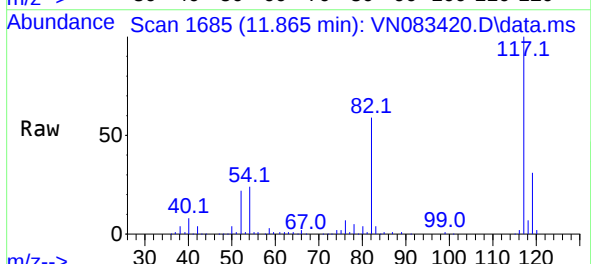


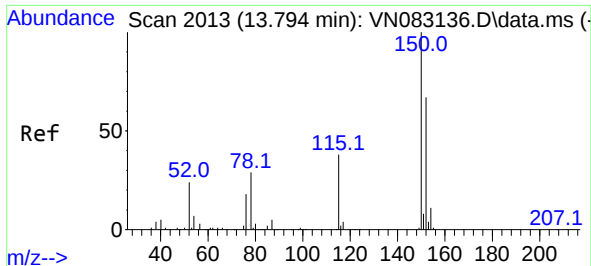
Tgt Ion: 95 Resp: 147666
Ion Ratio Lower Upper
95 100
174 69.9 0.0 159.2
176 66.7 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083420.D
Acq: 21 Aug 2024 19:55

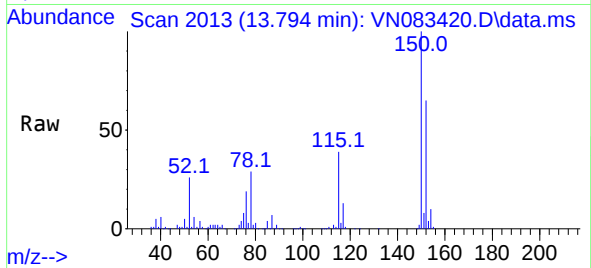
Tgt Ion: 117 Resp: 314860
Ion Ratio Lower Upper
117 100
82 58.9 47.5 71.3
119 31.2 25.6 38.4



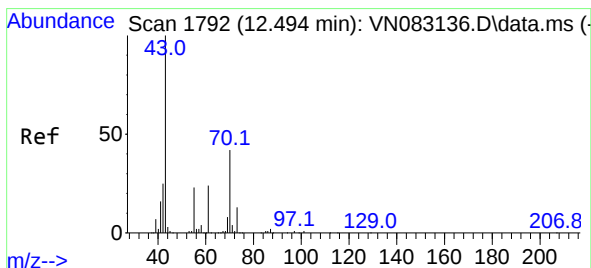
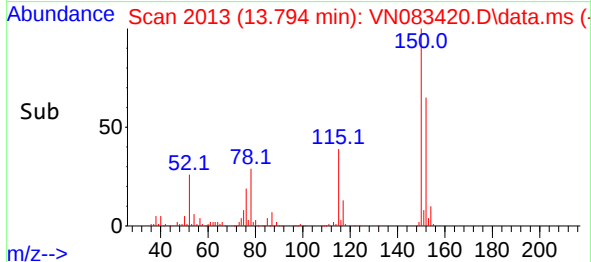
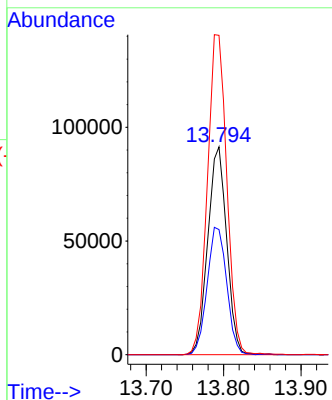


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN083420.D
Acq: 21 Aug 2024 19:55

Instrument :
MSVOA_N
ClientSampleId :

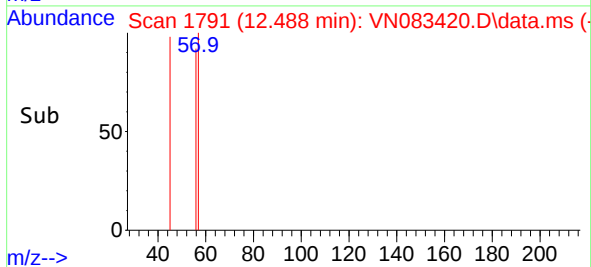
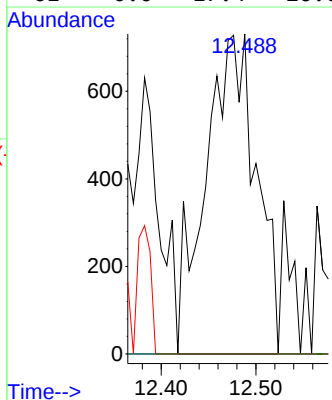
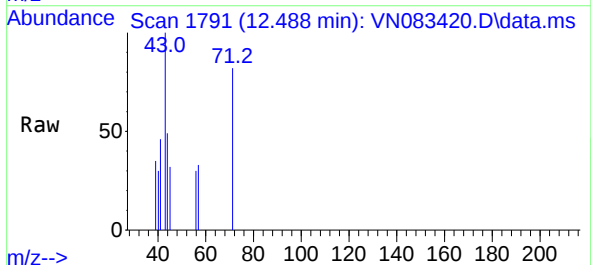


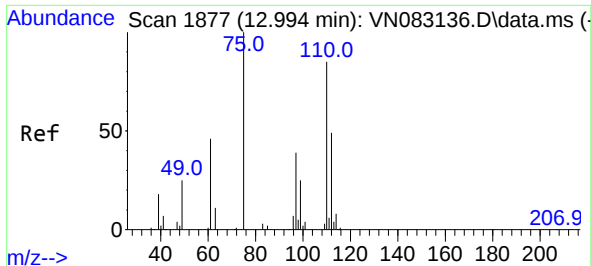
Tgt Ion:152 Resp: 154935
Ion Ratio Lower Upper
152 100
115 63.4 30.6 91.6
150 157.6 0.0 348.6



#74
N-ethyl acetate
Concen: 0.430 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.006 min
Lab File: VN083420.D
Acq: 21 Aug 2024 19:55

Tgt Ion: 43 Resp: 2726
Ion Ratio Lower Upper
43 100
70 0.0 29.8 44.6#
55 0.0 18.7 28.1#
61 0.0 17.4 26.0#

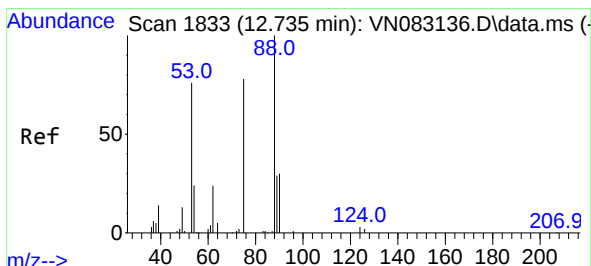
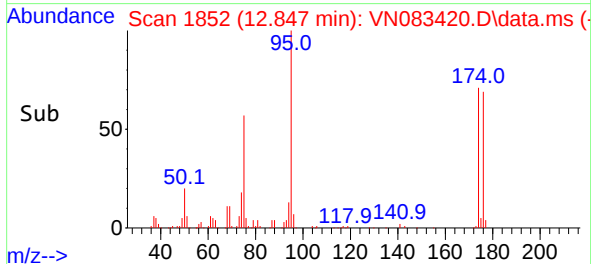
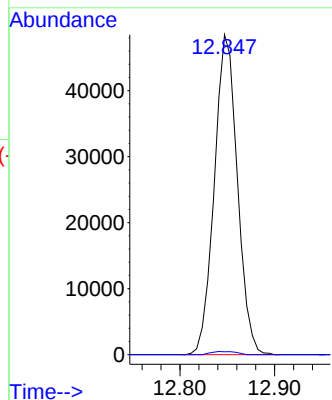
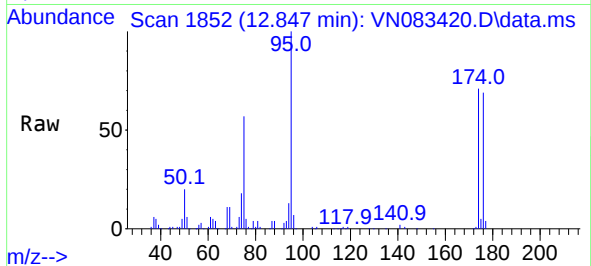




#76
1,2,3-Trichloropropane
Concen: 24.129 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083420.D
Acq: 21 Aug 2024 19:55

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 82049
Ion Ratio Lower Upper
75 100
77 1.1 110.9 332.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 52.486 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN083420.D
Acq: 21 Aug 2024 19:55

Tgt Ion: 75 Resp: 82049
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#

