

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082324\
 Data File : VN083455.D
 Acq On : 23 Aug 2024 12:59
 Operator : JC\MD
 Sample : PB162920ZHE#01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 23 23:59:22 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)

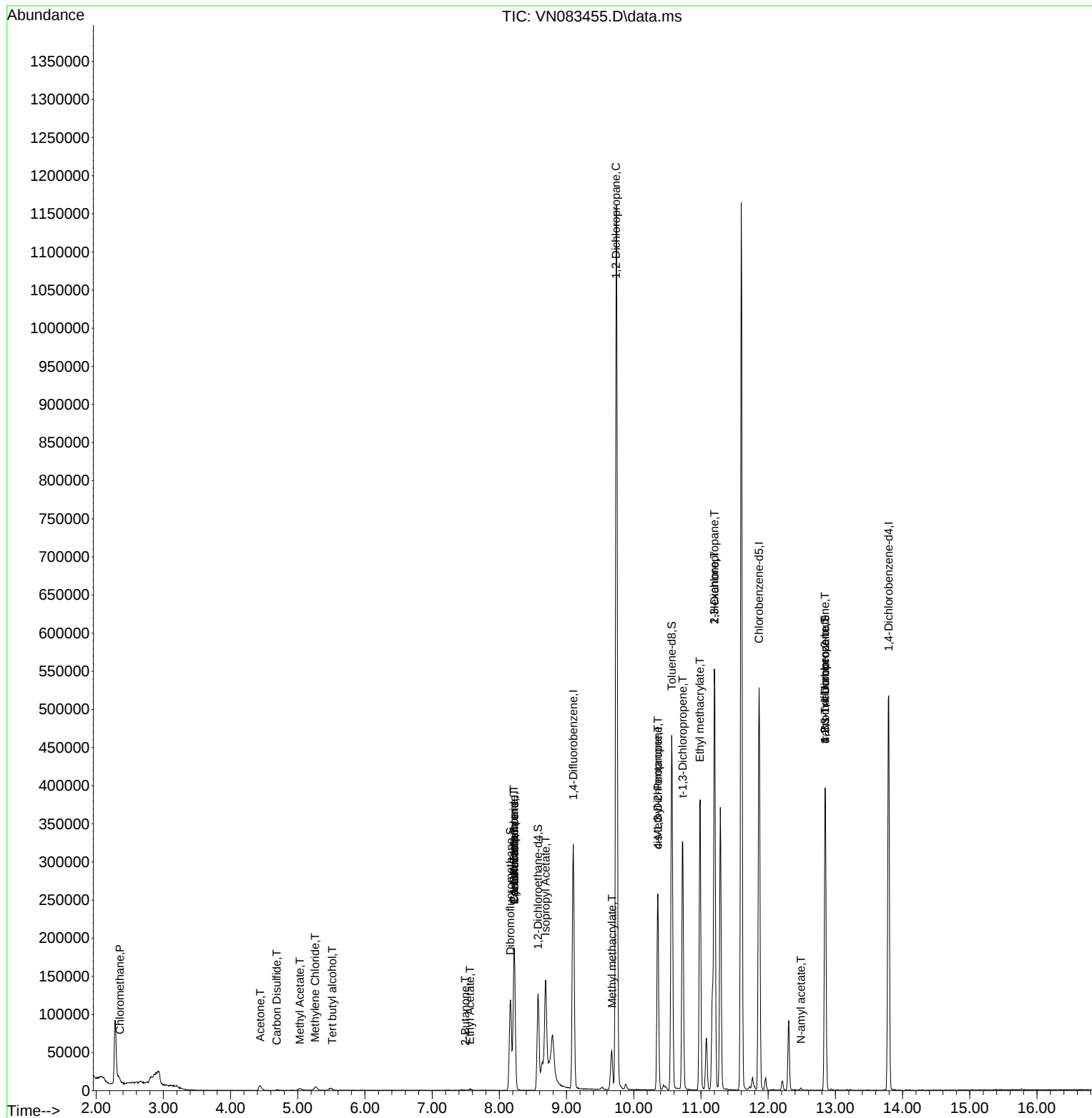
Internal Standards						
1) Pentafluorobenzene	8.224	168	127214	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	264439	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	289384	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	134179	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	106341	58.728	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 117.460%			
35) Dibromofluoromethane	8.165	113	83682	50.699	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.400%			
50) Toluene-d8	10.565	98	313627	50.938	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.880%			
62) 4-Bromofluorobenzene	12.847	95	140416	58.498	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 117.000%			
Target Compounds					Qvalue	
3) Chloromethane	2.353	50	674	0.456	ug/l #	43
11) Tert butyl alcohol	5.512	59	2771	7.364	ug/l #	71
16) Acetone	4.442	43	10479	14.790	ug/l #	89
17) Carbon Disulfide	4.689	76	987	0.239	ug/l #	75
18) Methyl Acetate	5.030	43	5346	2.532	ug/l	100
20) Methylene Chloride	5.259	84	3700	2.269	ug/l #	83
25) 2-Butanone	7.494	43	401	0.369	ug/l #	53
31) Cyclohexane	8.224	56	3702	1.380	ug/l #	19
36) 1,1-Dichloropropene	8.218	75	12040	4.822	ug/l #	51
37) Ethyl Acetate	7.565	43	3495	1.250	ug/l #	80
38) Carbon Tetrachloride	8.218	117	14335	5.097	ug/l #	18
43) Isopropyl Acetate	8.688	43	217787	44.573	ug/l #	83
45) 1,2-Dichloropropane	9.735	63	1228	0.696	ug/l #	44
48) Methyl methacrylate	9.677	41	3496	1.513	ug/l #	55
51) 4-Methyl-2-Pentanone	10.359	43	100774	38.119	ug/l #	50
53) t-1,3-Dichloropropene	10.729	75	753	0.258	ug/l #	43
54) cis-1,3-Dichloropropene	10.359	75	45366	14.633	ug/l #	57
56) Ethyl methacrylate	10.982	69	1129	0.356	ug/l #	1
57) 1,3-Dichloropropane	11.200	76	5480	1.825	ug/l #	43
59) 2-Hexanone	11.200	43	74158	36.259	ug/l #	58
74) N-amyl acetate	12.488	43	1465	0.267	ug/l #	46
76) 1,2,3-Trichloropropane	12.847	75	78877	26.784	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	78877	58.262	ug/l #	6

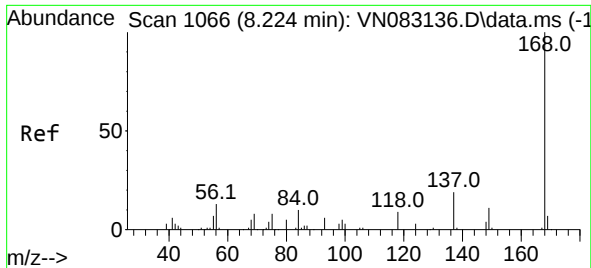
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082324\
Data File : VN083455.D
Acq On : 23 Aug 2024 12:59
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Sample : PB162920ZHE#01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

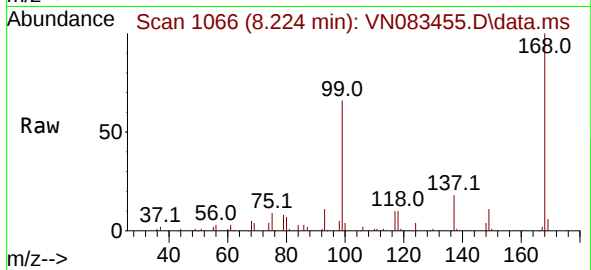
Quant Time: Aug 23 23:59:22 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:30:41 2024
Response via : Initial Calibration



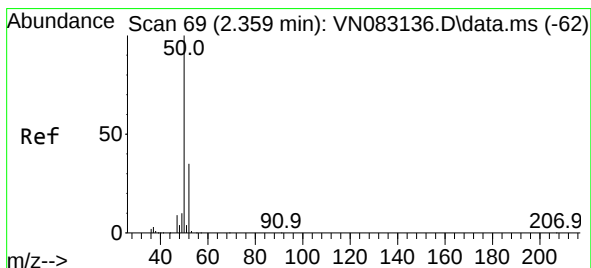
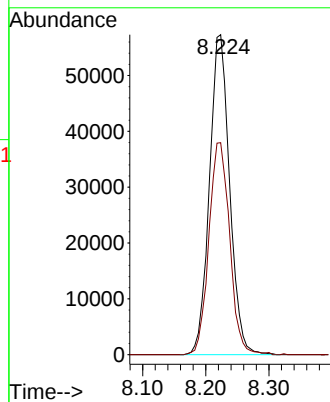
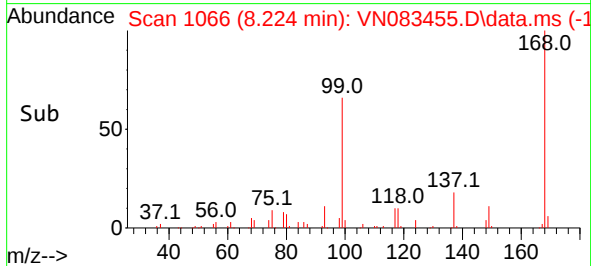


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083455.D
Acq: 23 Aug 2024 12:59

Instrument :
MSVOA_N
ClientSampleId :

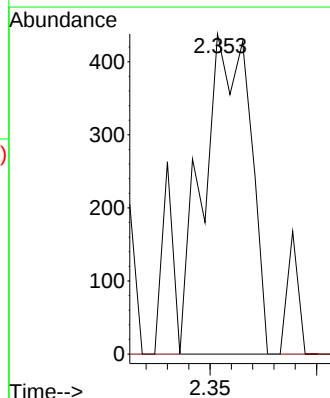
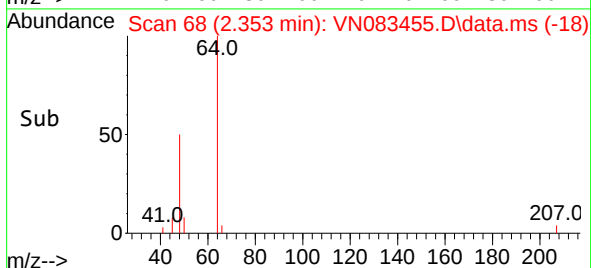
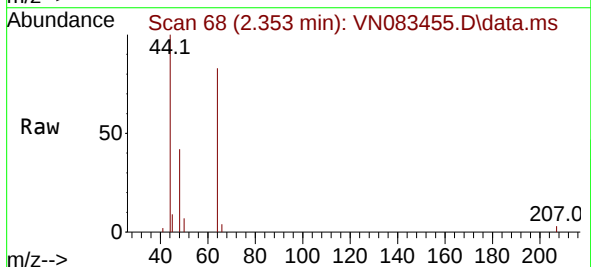


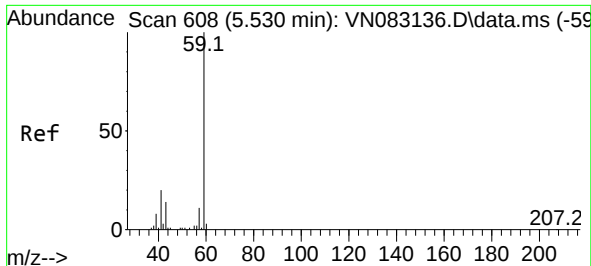
Tgt Ion:168 Resp: 127214
Ion Ratio Lower Upper
168 100
99 66.3 48.2 72.4



#3
Chloromethane
Concen: 0.456 ug/l
RT: 2.353 min Scan# 68
Delta R.T. -0.006 min
Lab File: VN083455.D
Acq: 23 Aug 2024 12:59

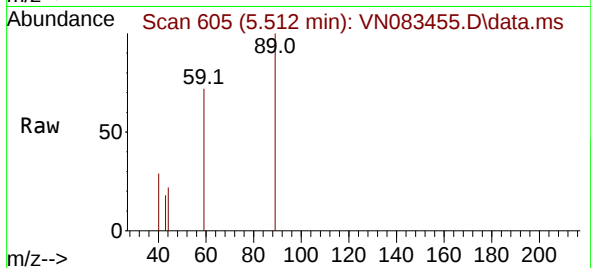
Tgt Ion: 50 Resp: 674
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#



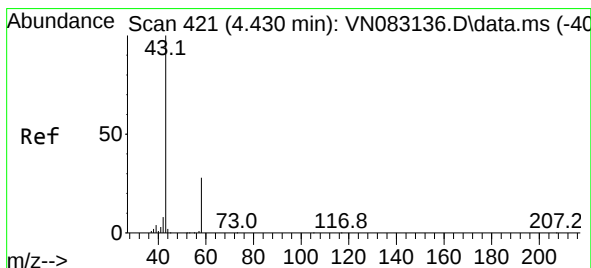
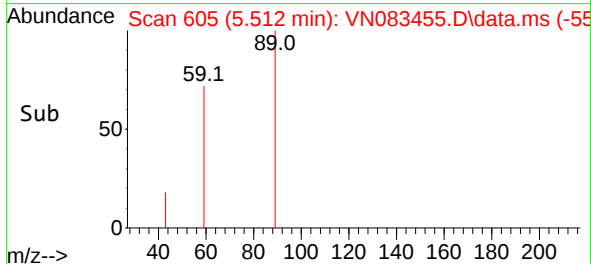
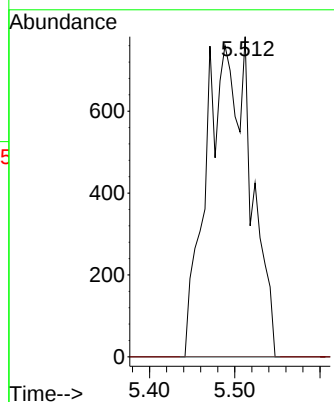


#11
Tert butyl alcohol
Concen: 7.364 ug/l
RT: 5.512 min Scan# 608
Delta R.T. -0.018 min
Lab File: VN083455.D
Acq: 23 Aug 2024 12:59

Instrument :
MSVOA_N
ClientSampleId :

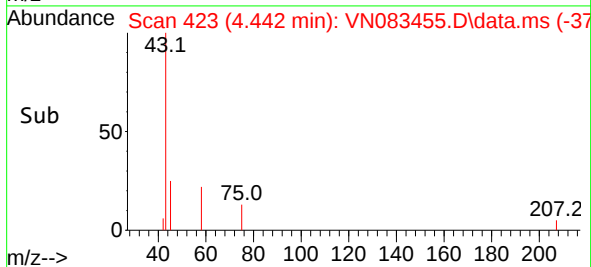
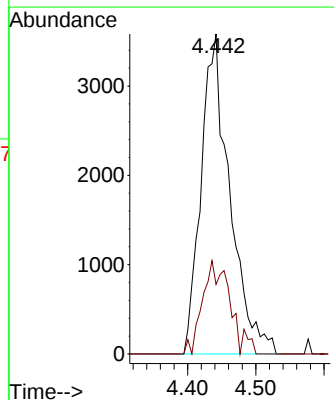
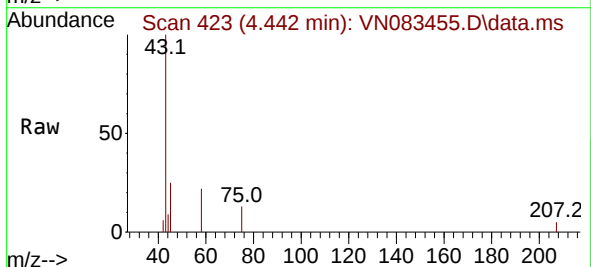


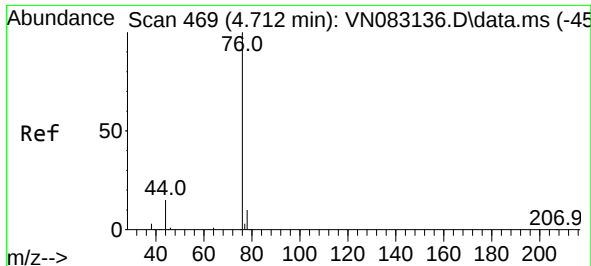
Tgt Ion: 59 Resp: 2771
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#



#16
Acetone
Concen: 14.790 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN083455.D
Acq: 23 Aug 2024 12:59

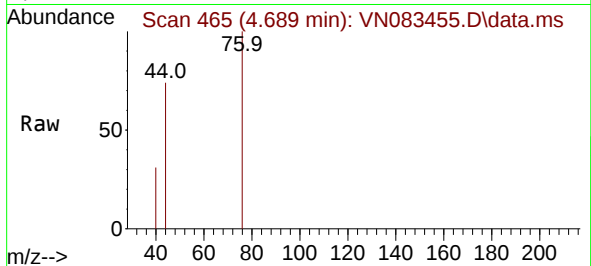
Tgt Ion: 43 Resp: 10479
Ion Ratio Lower Upper
43 100
58 21.7 21.8 32.6#



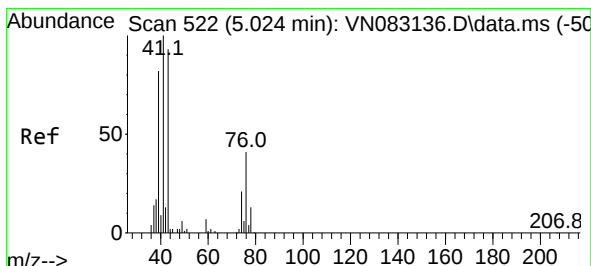
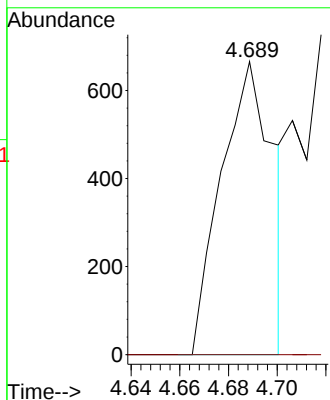
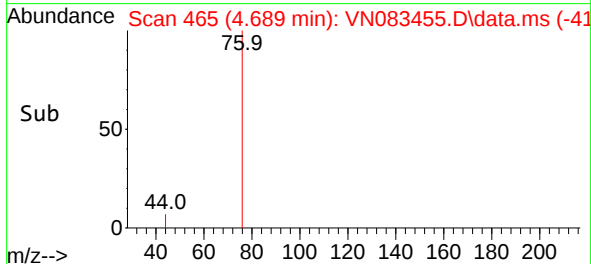


#17
Carbon Disulfide
Concen: 0.239 ug/l
RT: 4.689 min Scan# 41
Delta R.T. -0.024 min
Lab File: VN083455.D
Acq: 23 Aug 2024 12:59

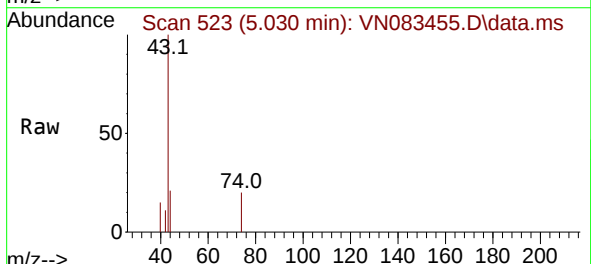
Instrument :
MSVOA_N
ClientSampleId :



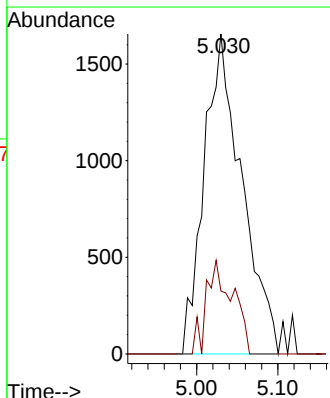
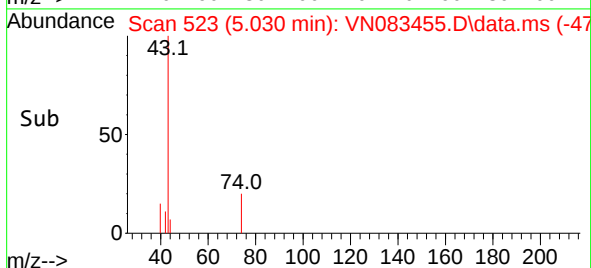
Tgt Ion: 76 Resp: 987
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

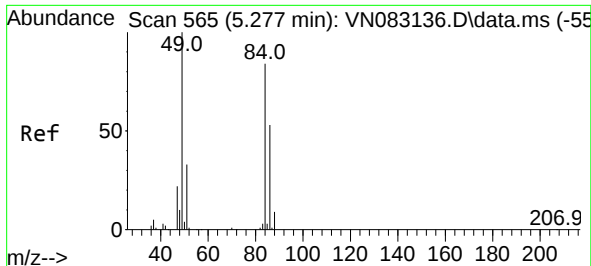


#18
Methyl Acetate
Concen: 2.532 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN083455.D
Acq: 23 Aug 2024 12:59



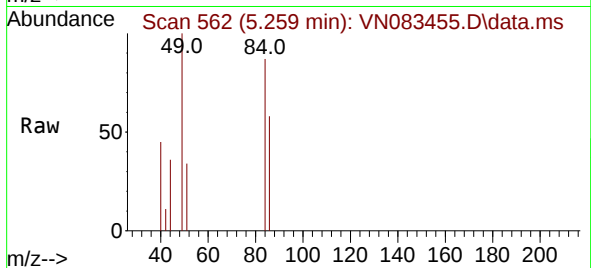
Tgt Ion: 43 Resp: 5346
Ion Ratio Lower Upper
43 100
74 20.3 16.3 24.5



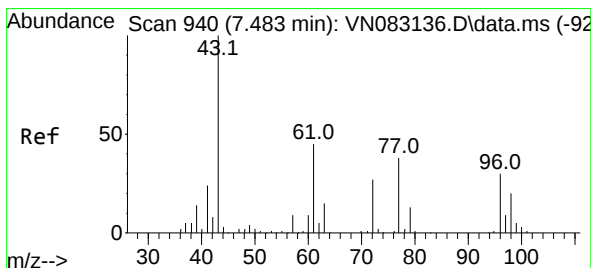
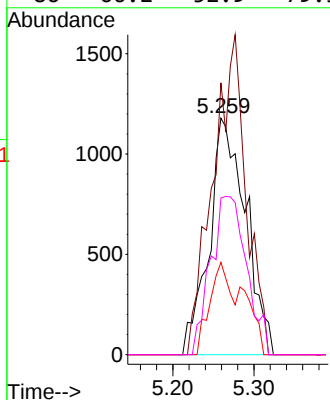
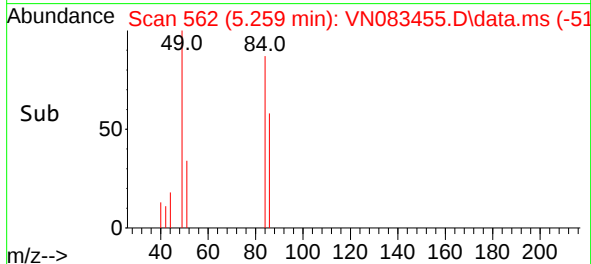


#20
Methylene Chloride
Concen: 2.269 ug/l
RT: 5.259 min Scan# 51
Delta R.T. -0.018 min
Lab File: VN083455.D
Acq: 23 Aug 2024 12:59

Instrument :
MSVOA_N
ClientSampleId :

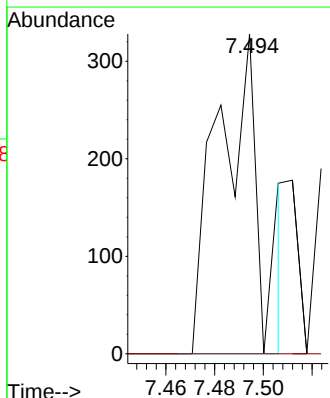
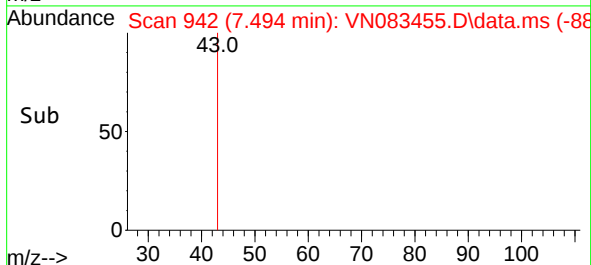
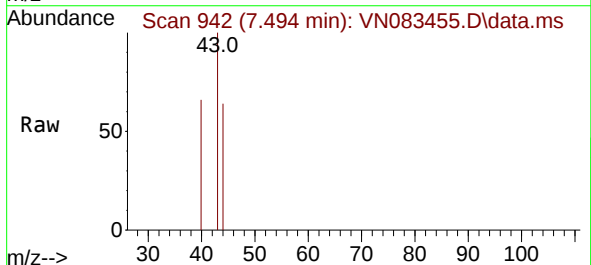


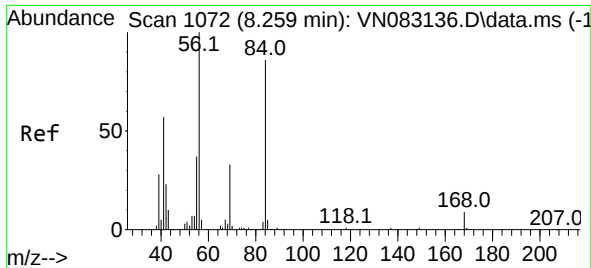
Tgt Ion: 84 Resp: 3700
Ion Ratio Lower Upper
84 100
49 114.9 119.6 179.4#
51 39.0 34.8 52.2
86 66.2 52.9 79.3



#25
2-Butanone
Concen: 0.369 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.012 min
Lab File: VN083455.D
Acq: 23 Aug 2024 12:59

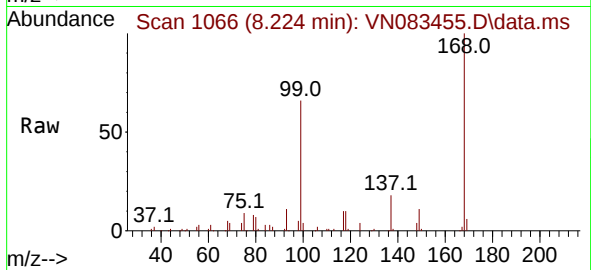
Tgt Ion: 43 Resp: 401
Ion Ratio Lower Upper
43 100
72 0.0 18.2 27.2#



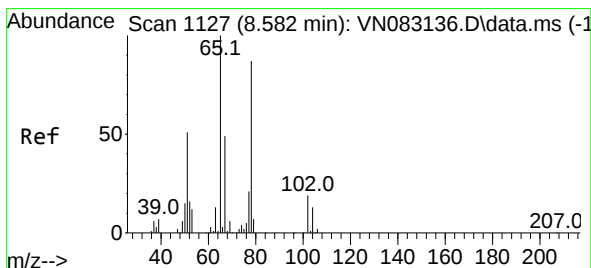
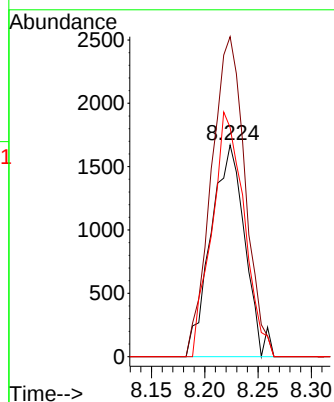
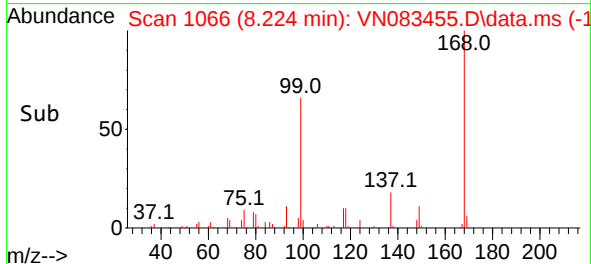


#31
Cyclohexane
Concen: 1.380 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN083455.D
Acq: 23 Aug 2024 12:59

Instrument :
MSVOA_N
ClientSampleId :

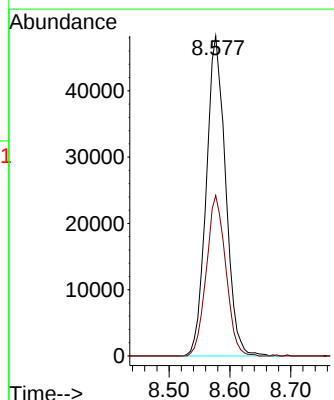
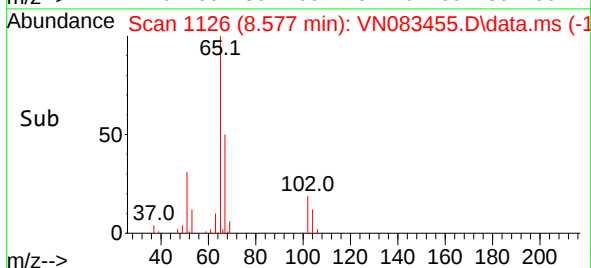
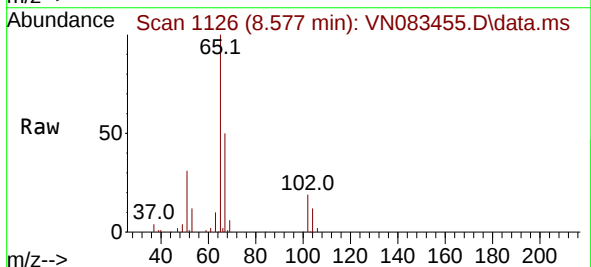


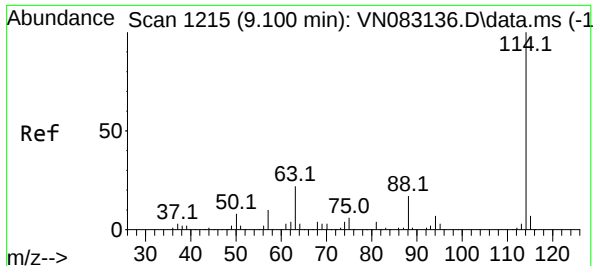
Tgt Ion: 56 Resp: 3702
Ion Ratio Lower Upper
56 100
69 151.2 24.5 36.7#
84 108.3 66.0 99.0#



#33
1,2-Dichloroethane-d4
Concen: 58.728 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.005 min
Lab File: VN083455.D
Acq: 23 Aug 2024 12:59

Tgt Ion: 65 Resp: 106341
Ion Ratio Lower Upper
65 100
67 50.3 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083455.D

Acq: 23 Aug 2024 12:59

Instrument :

MSVOA_N

ClientSampleId :

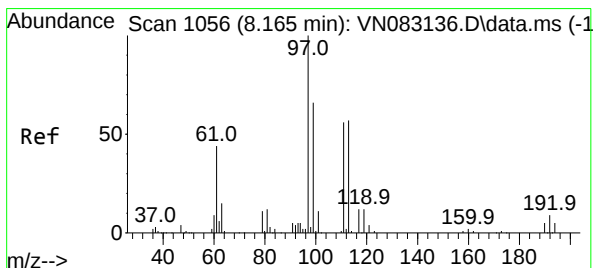
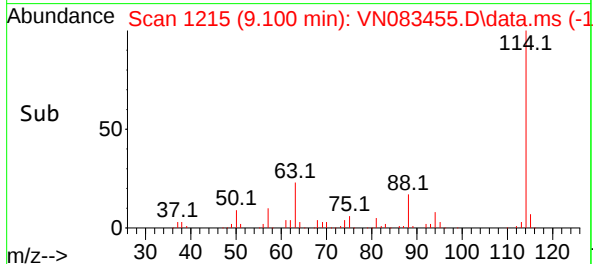
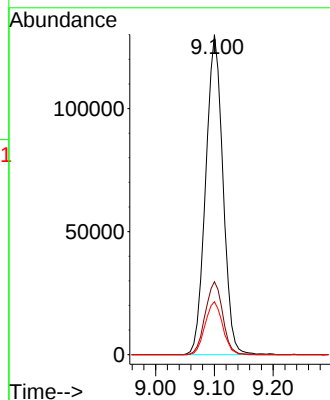
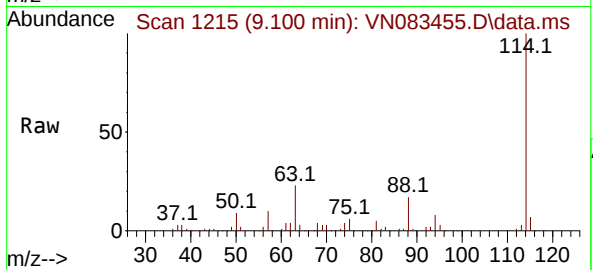
Tgt Ion:114 Resp: 264439

Ion Ratio Lower Upper

114 100

63 22.8 0.0 44.6

88 16.6 0.0 31.4



#35

Dibromofluoromethane

Concen: 50.699 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083455.D

Acq: 23 Aug 2024 12:59

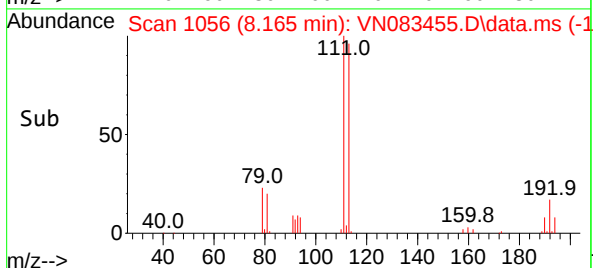
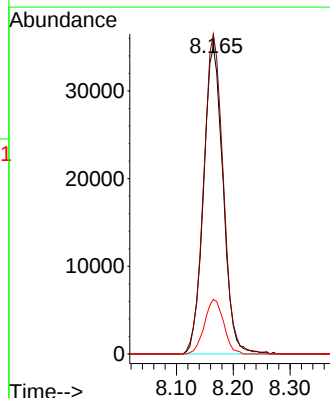
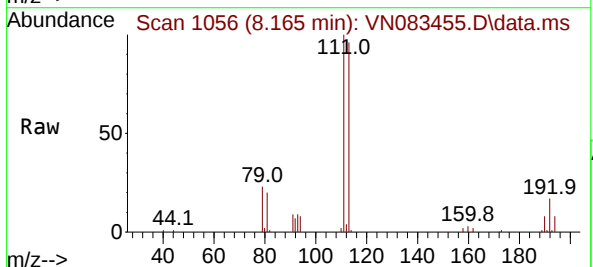
Tgt Ion:113 Resp: 83682

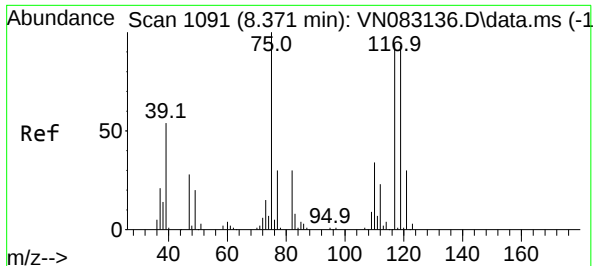
Ion Ratio Lower Upper

113 100

111 104.2 82.4 123.6

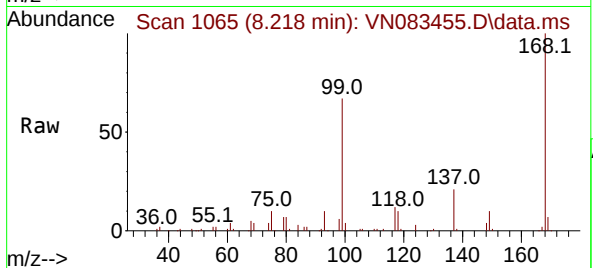
192 17.4 14.9 22.3



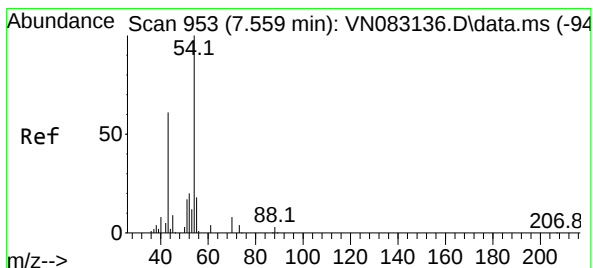
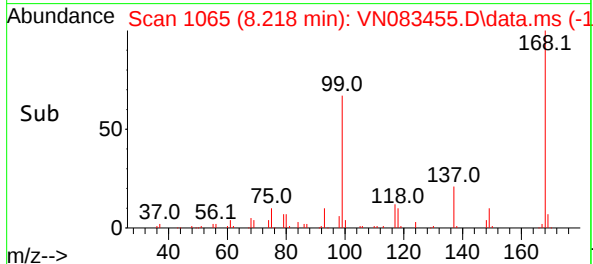
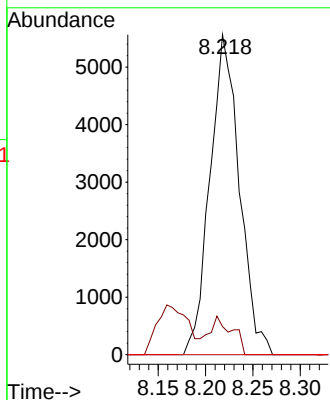


#36
1,1-Dichloropropene
Concen: 4.822 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.153 min
Lab File: VN083455.D
Acq: 23 Aug 2024 12:59

Instrument :
MSVOA_N
ClientSampleId :

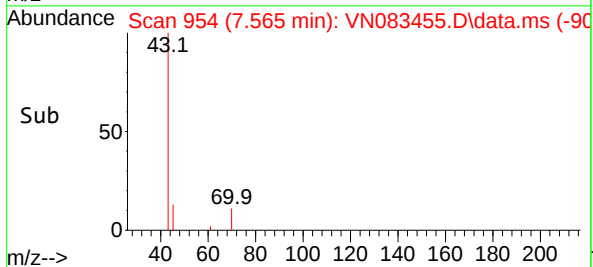
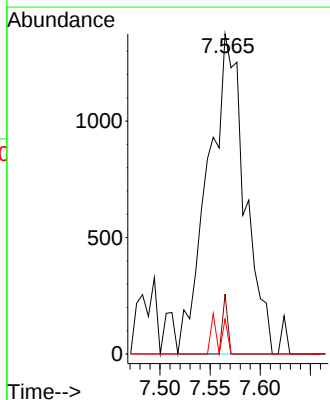
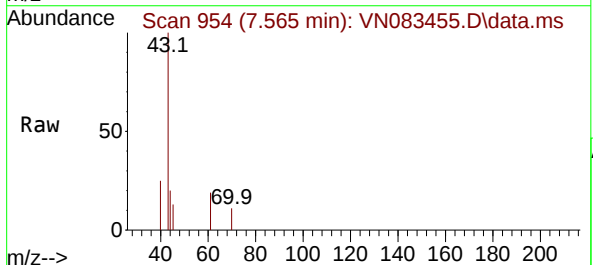


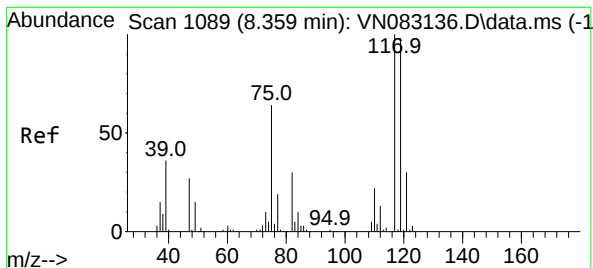
Tgt Ion: 75 Resp: 12040
Ion Ratio Lower Upper
75 100
110 9.2 16.3 48.9#
77 0.0 24.6 37.0#



#37
Ethyl Acetate
Concen: 1.250 ug/l
RT: 7.565 min Scan# 954
Delta R.T. 0.006 min
Lab File: VN083455.D
Acq: 23 Aug 2024 12:59

Tgt Ion: 43 Resp: 3495
Ion Ratio Lower Upper
43 100
61 2.6 9.3 13.9#
70 3.3 7.0 10.6#





#38

Carbon Tetrachloride

Concen: 5.097 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.141 min

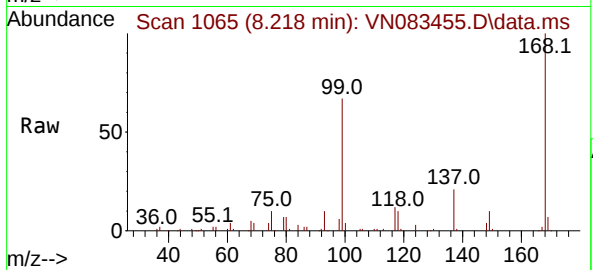
Lab File: VN083455.D

Acq: 23 Aug 2024 12:59

Instrument :

MSVOA_N

ClientSampleId :



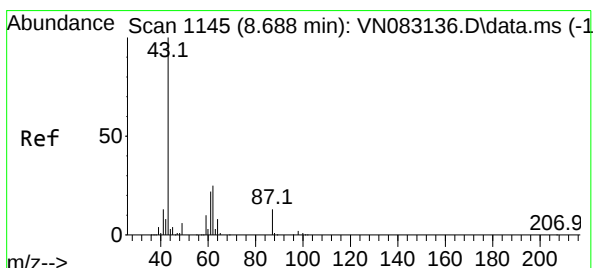
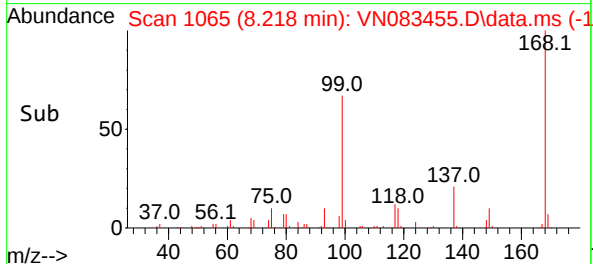
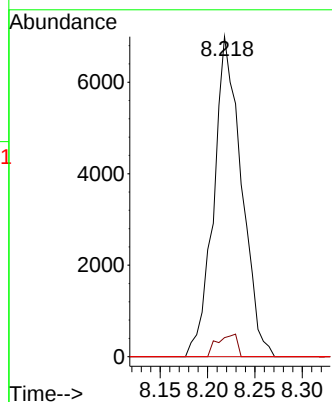
Tgt Ion:117 Resp: 14335

Ion Ratio Lower Upper

117 100

119 6.0 74.9 112.3#

121 0.0 24.3 36.5#



#43

Isopropyl Acetate

Concen: 44.573 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN083455.D

Acq: 23 Aug 2024 12:59

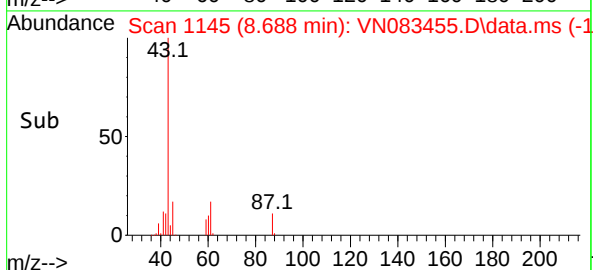
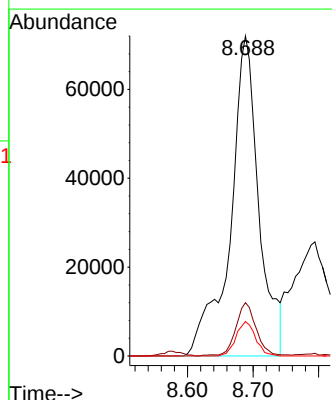
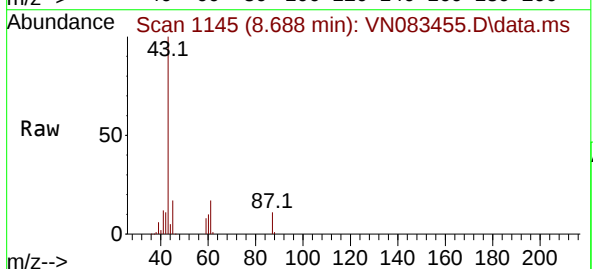
Tgt Ion: 43 Resp: 217787

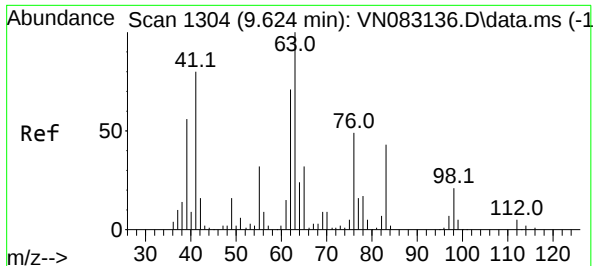
Ion Ratio Lower Upper

43 100

61 12.0 17.8 26.6#

87 7.3 8.2 12.2#





#45

1,2-Dichloropropane

Concen: 0.696 ug/l

RT: 9.735 min Scan# 11

Delta R.T. 0.112 min

Lab File: VN083455.D

Acq: 23 Aug 2024 12:59

Instrument :

MSVOA_N

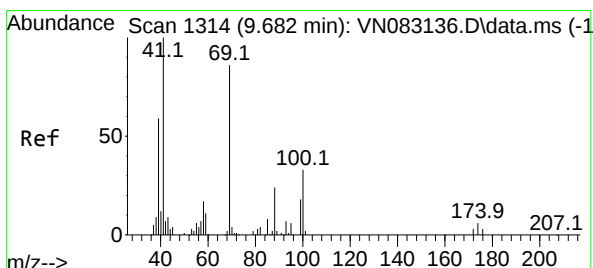
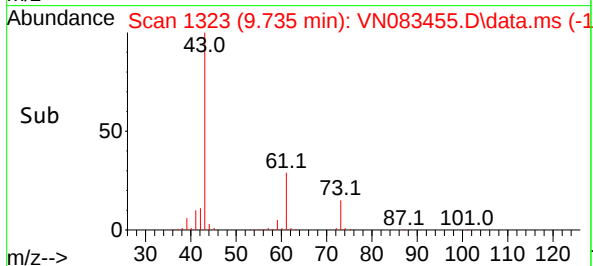
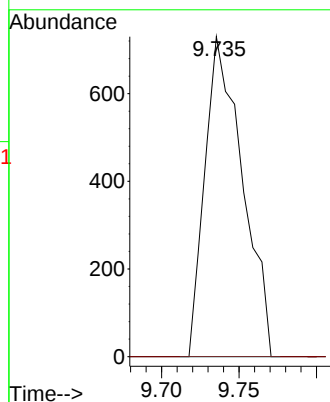
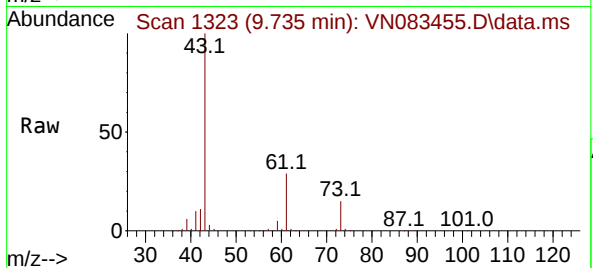
ClientSampleId :

Tgt Ion: 63 Resp: 1228

Ion Ratio Lower Upper

63 100

65 0.0 24.4 36.6#



#48

Methyl methacrylate

Concen: 1.513 ug/l

RT: 9.677 min Scan# 1313

Delta R.T. -0.006 min

Lab File: VN083455.D

Acq: 23 Aug 2024 12:59

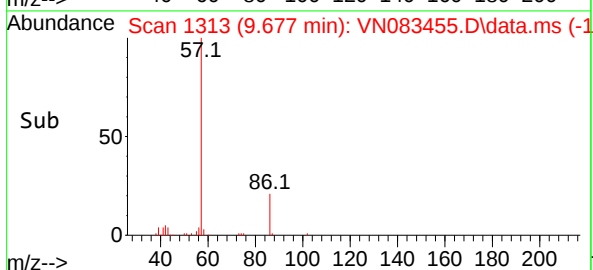
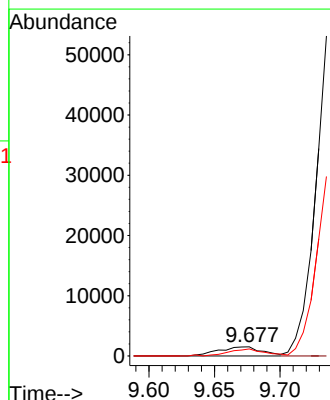
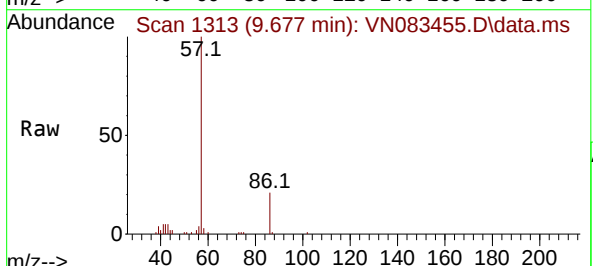
Tgt Ion: 41 Resp: 3496

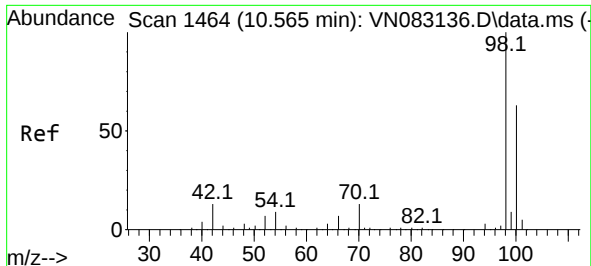
Ion Ratio Lower Upper

41 100

69 0.0 56.3 84.5#

39 63.4 50.3 75.5

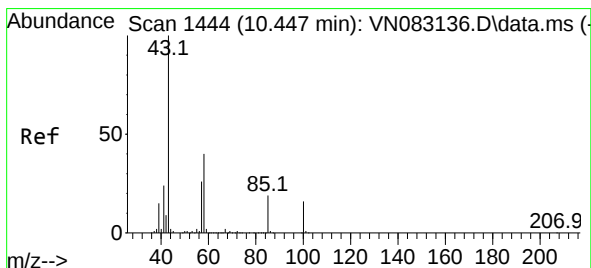
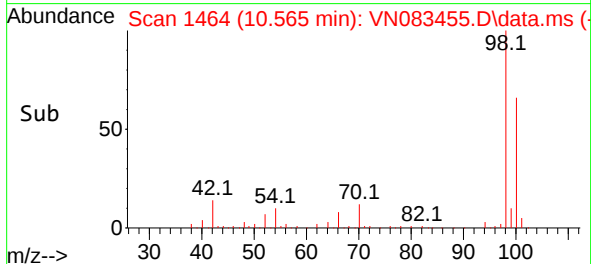
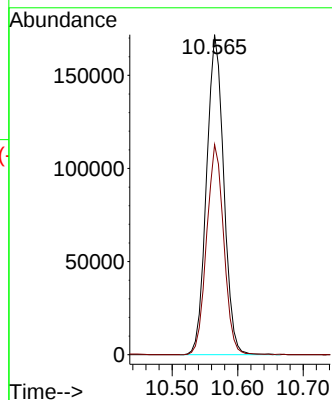
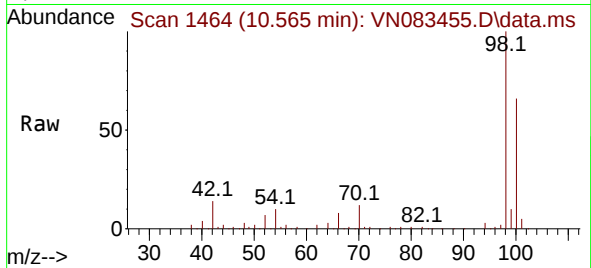




#50
Toluene-d8
Concen: 50.938 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083455.D
Acq: 23 Aug 2024 12:59

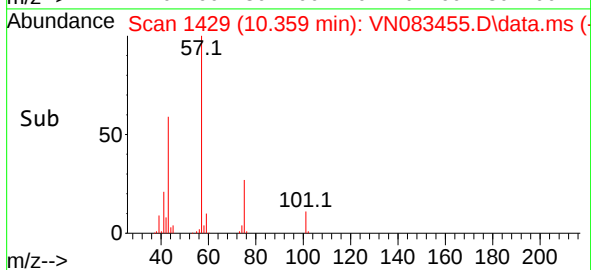
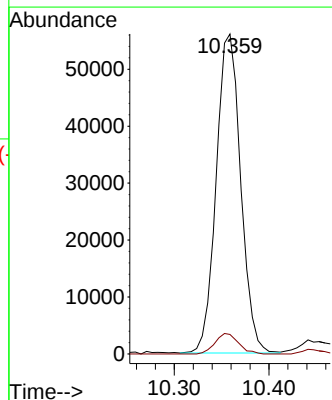
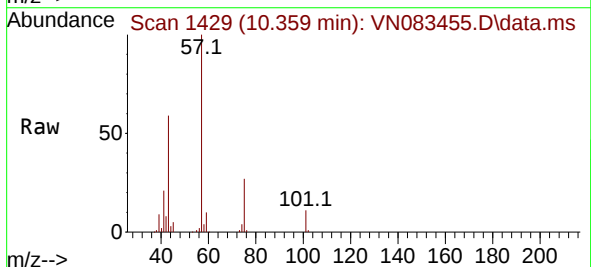
Instrument :
MSVOA_N
ClientSampleId :

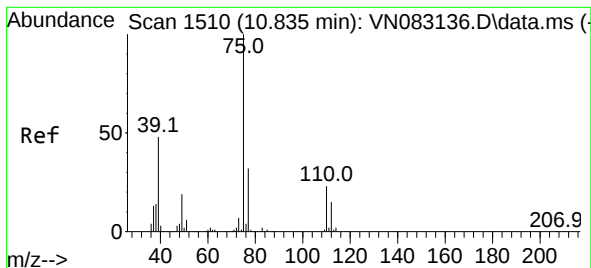
Tgt Ion: 98 Resp: 313627
Ion Ratio Lower Upper
98 100
100 65.5 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 38.119 ug/l
RT: 10.359 min Scan# 1429
Delta R.T. -0.088 min
Lab File: VN083455.D
Acq: 23 Aug 2024 12:59

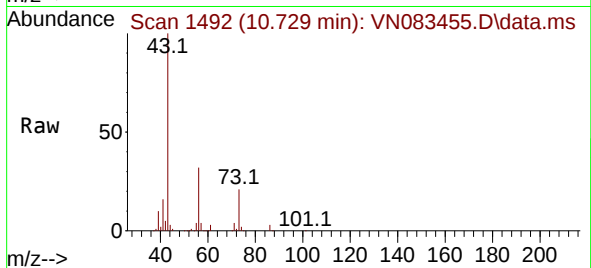
Tgt Ion: 43 Resp: 100774
Ion Ratio Lower Upper
43 100
58 6.1 28.2 42.4#



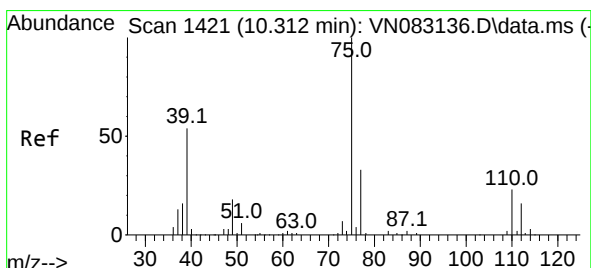
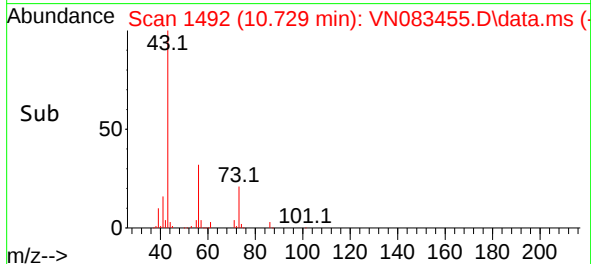
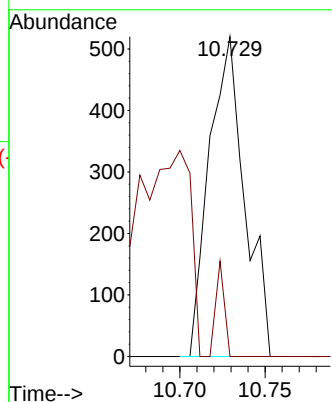


#53
t-1,3-Dichloropropene
Concen: 0.258 ug/l
RT: 10.729 min Scan# 1492
Delta R.T. -0.106 min
Lab File: VN083455.D
Acq: 23 Aug 2024 12:59

Instrument :
MSVOA_N
ClientSampleId :

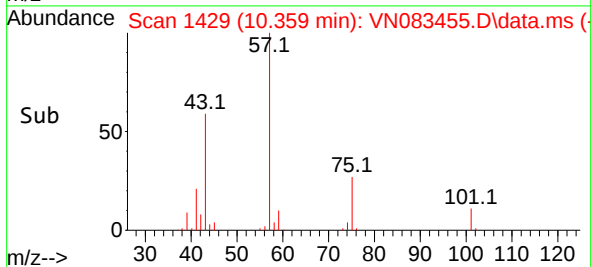
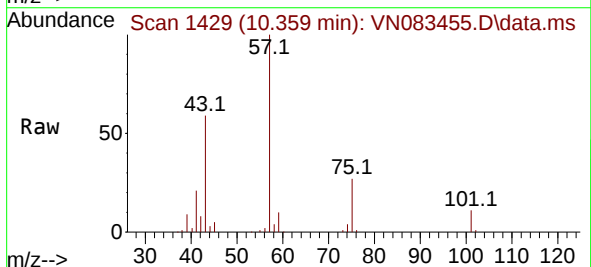
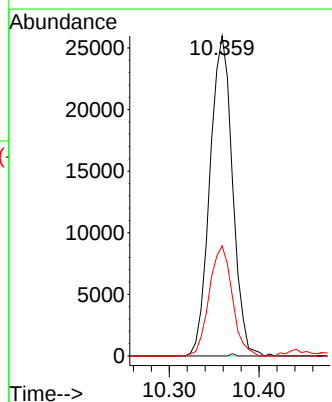


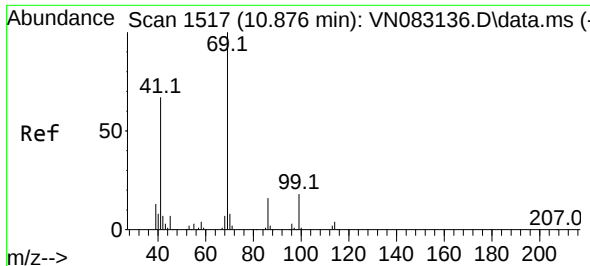
Tgt Ion: 75 Resp: 753
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#



#54
cis-1,3-Dichloropropene
Concen: 14.633 ug/l
RT: 10.359 min Scan# 1429
Delta R.T. 0.047 min
Lab File: VN083455.D
Acq: 23 Aug 2024 12:59

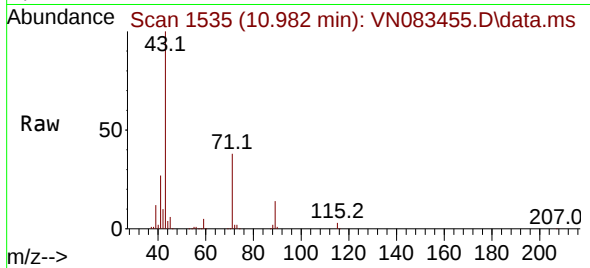
Tgt Ion: 75 Resp: 45366
Ion Ratio Lower Upper
75 100
77 0.0 24.3 36.5#
39 34.4 50.5 75.7#



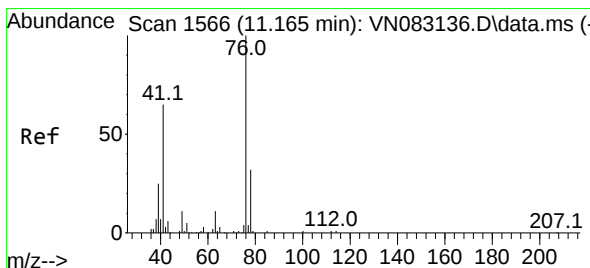
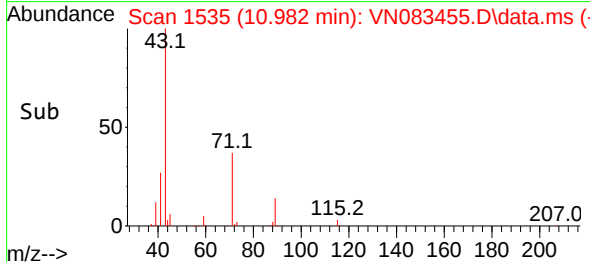
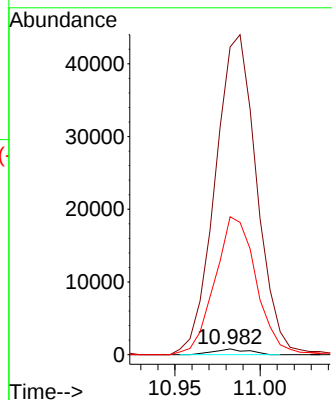


#56
Ethyl methacrylate
Concen: 0.356 ug/l
RT: 10.982 min Scan# 1129
Delta R.T. 0.106 min
Lab File: VN083455.D
Acq: 23 Aug 2024 12:59

Instrument :
MSVOA_N
ClientSampleId :

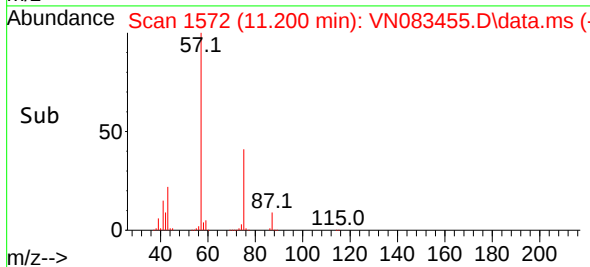
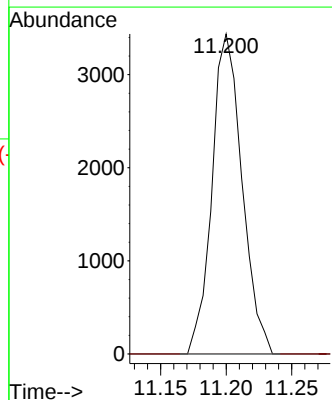
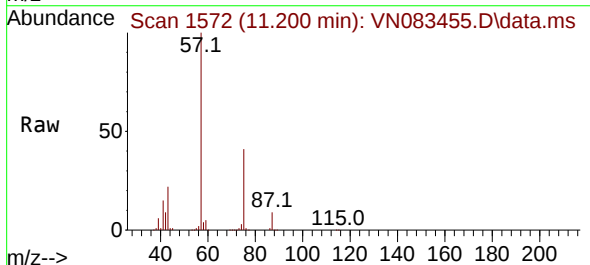


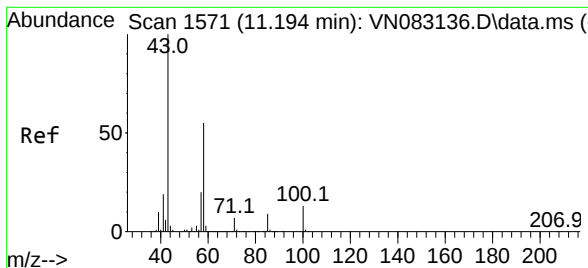
Tgt Ion: 69 Resp: 1129
Ion Ratio Lower Upper
69 100
41 6631.7 63.4 95.2#
39 2847.6 37.4 56.0#



#57
1,3-Dichloropropane
Concen: 1.825 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.035 min
Lab File: VN083455.D
Acq: 23 Aug 2024 12:59

Tgt Ion: 76 Resp: 5480
Ion Ratio Lower Upper
76 100
78 0.0 25.6 38.4#

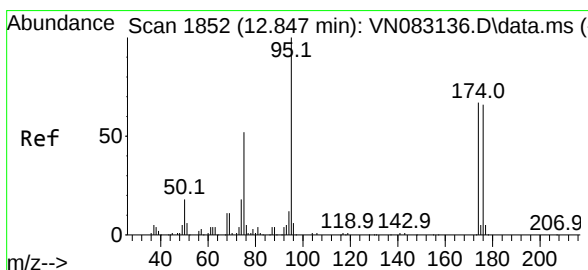
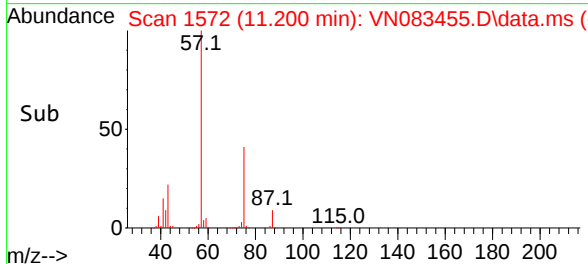
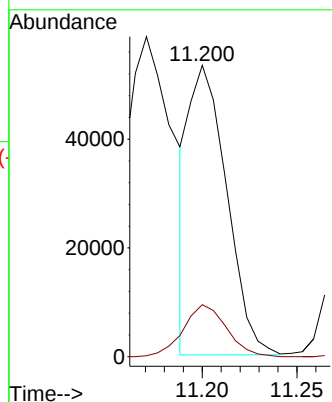
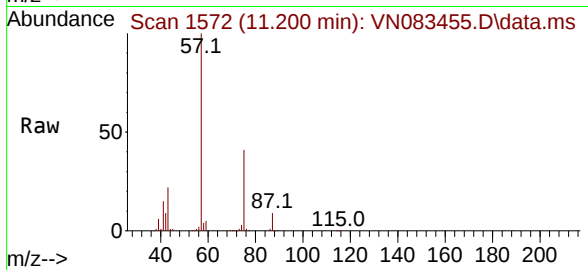




#59
2-Hexanone
Concen: 36.259 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN083455.D
Acq: 23 Aug 2024 12:59

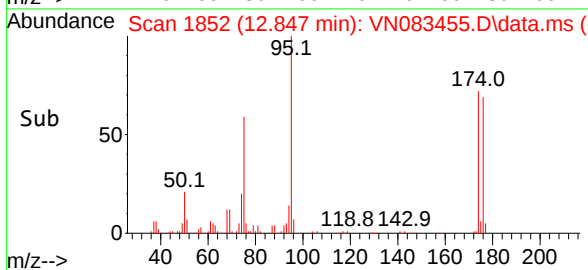
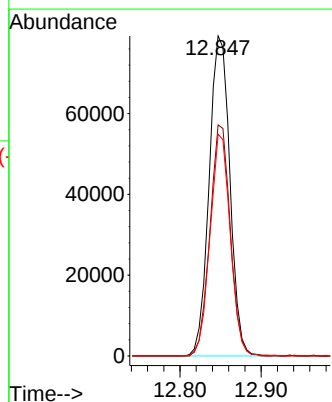
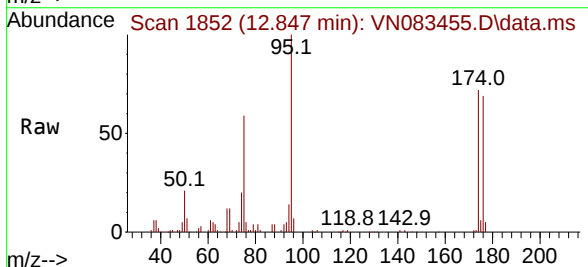
Instrument :
MSVOA_N
ClientSampleId :

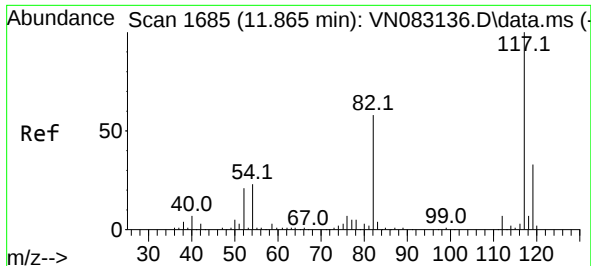
Tgt Ion: 43 Resp: 74158
Ion Ratio Lower Upper
43 100
58 20.5 24.6 73.8#



#62
4-Bromofluorobenzene
Concen: 58.498 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083455.D
Acq: 23 Aug 2024 12:59

Tgt Ion: 95 Resp: 140416
Ion Ratio Lower Upper
95 100
174 70.9 0.0 159.2
176 67.2 0.0 147.6

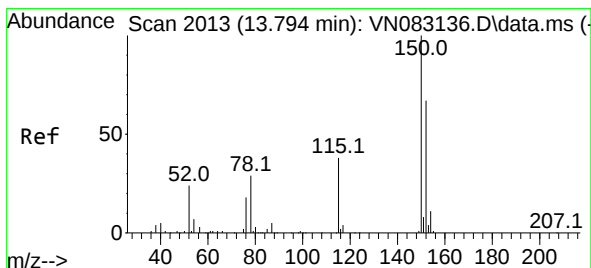
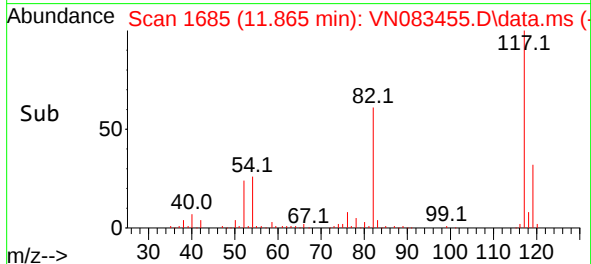
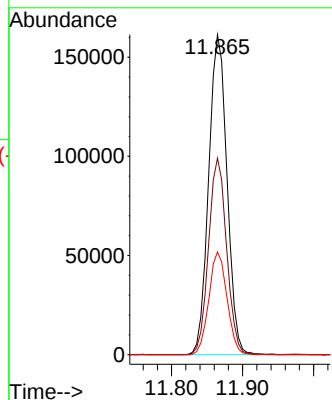
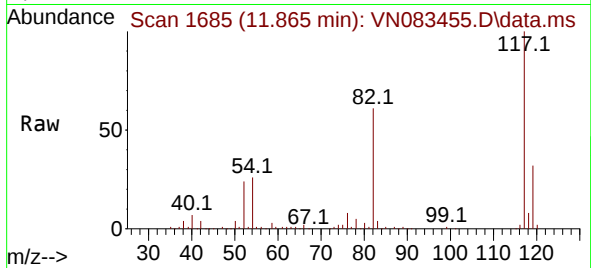




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083455.D
Acq: 23 Aug 2024 12:59

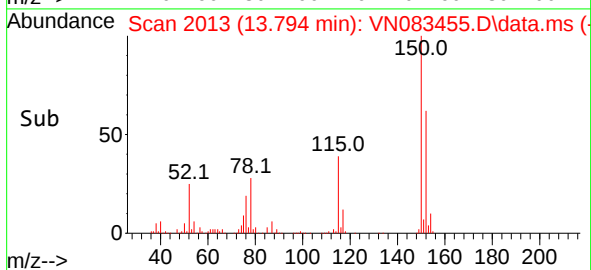
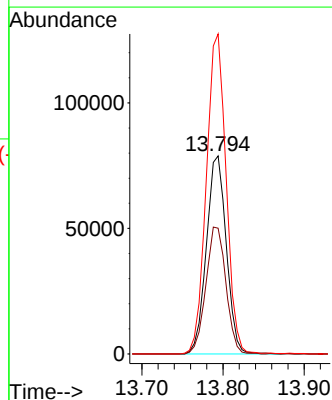
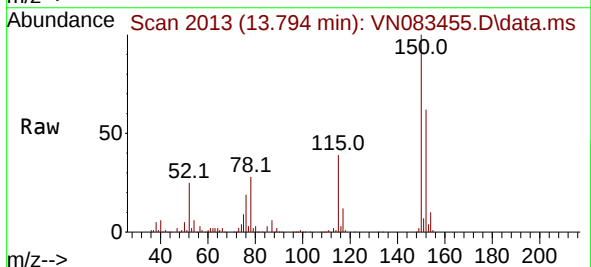
Instrument :
MSVOA_N
ClientSampleId :

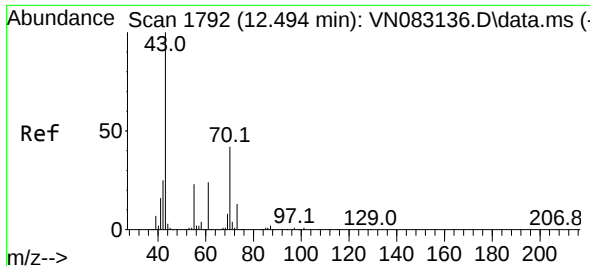
Tgt Ion:117 Resp: 289384
Ion Ratio Lower Upper
117 100
82 61.4 47.5 71.3
119 32.1 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN083455.D
Acq: 23 Aug 2024 12:59

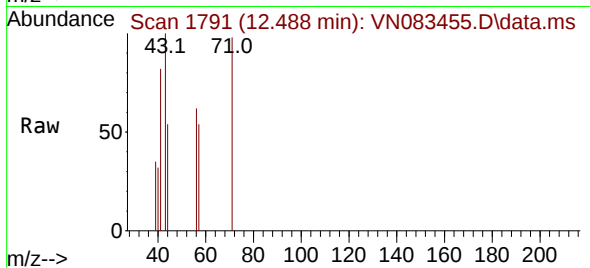
Tgt Ion:152 Resp: 134179
Ion Ratio Lower Upper
152 100
115 64.6 30.6 91.6
150 160.5 0.0 348.6



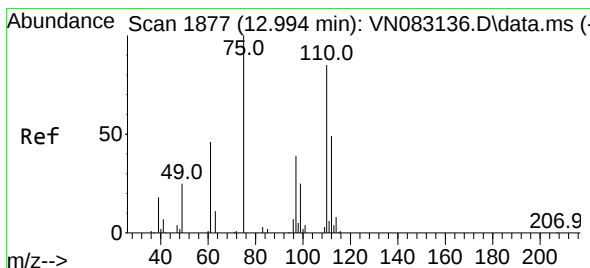
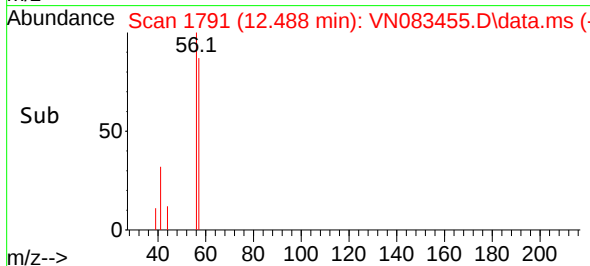
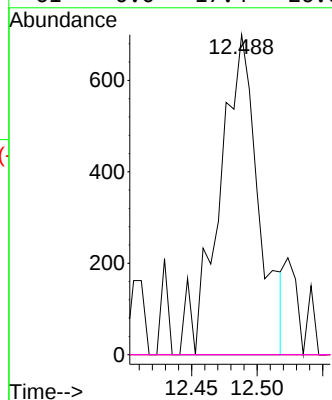


#74
N-amy1 acetate
Concen: 0.267 ug/l
RT: 12.488 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN083455.D
Acq: 23 Aug 2024 12:59

Instrument :
MSVOA_N
ClientSampleId :

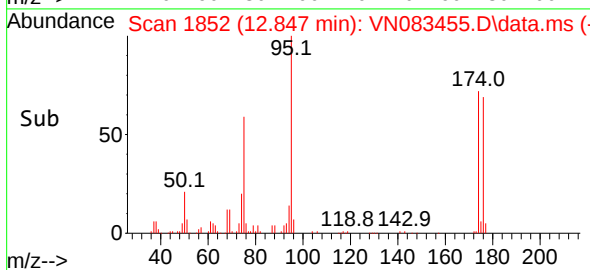
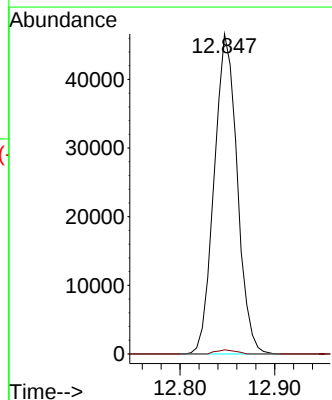
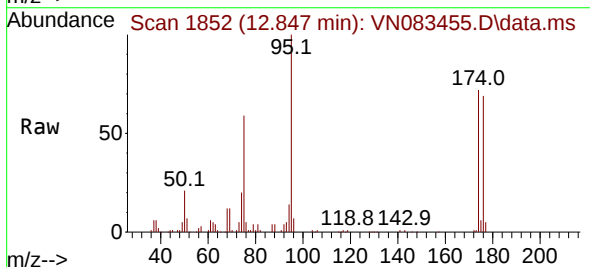


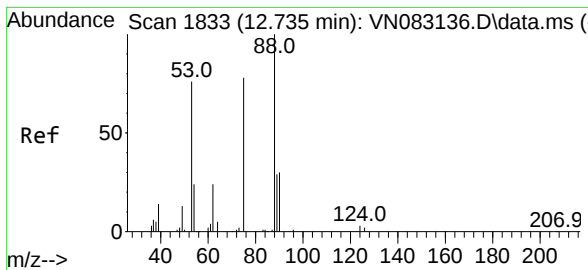
Tgt Ion: 43	Resp: 1465
Ion Ratio	Lower Upper
43	100
70	0.0 29.8 44.6#
55	0.0 18.7 28.1#
61	0.0 17.4 26.0#



#76
1,2,3-Trichloropropane
Concen: 26.784 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083455.D
Acq: 23 Aug 2024 12:59

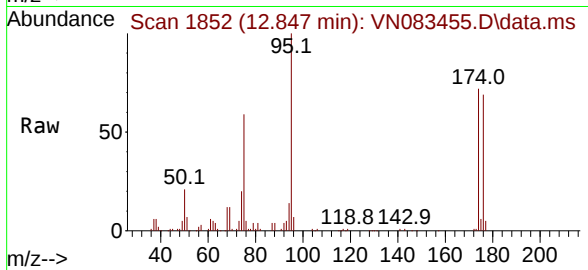
Tgt Ion: 75	Resp: 78877
Ion Ratio	Lower Upper
75	100
77	1.1 110.9 332.6#





#81
trans-1,4-Dichloro-2-butene
Concen: 58.262 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN083455.D
Acq: 23 Aug 2024 12:59

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	88.4	132.6#
89	0.1	36.3	54.5#

