

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081024\
 Data File : VN083204.D
 Acq On : 10 Aug 2024 13:44
 Operator : JC\MD
 Sample : PB162558TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 12 01:50:32 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)

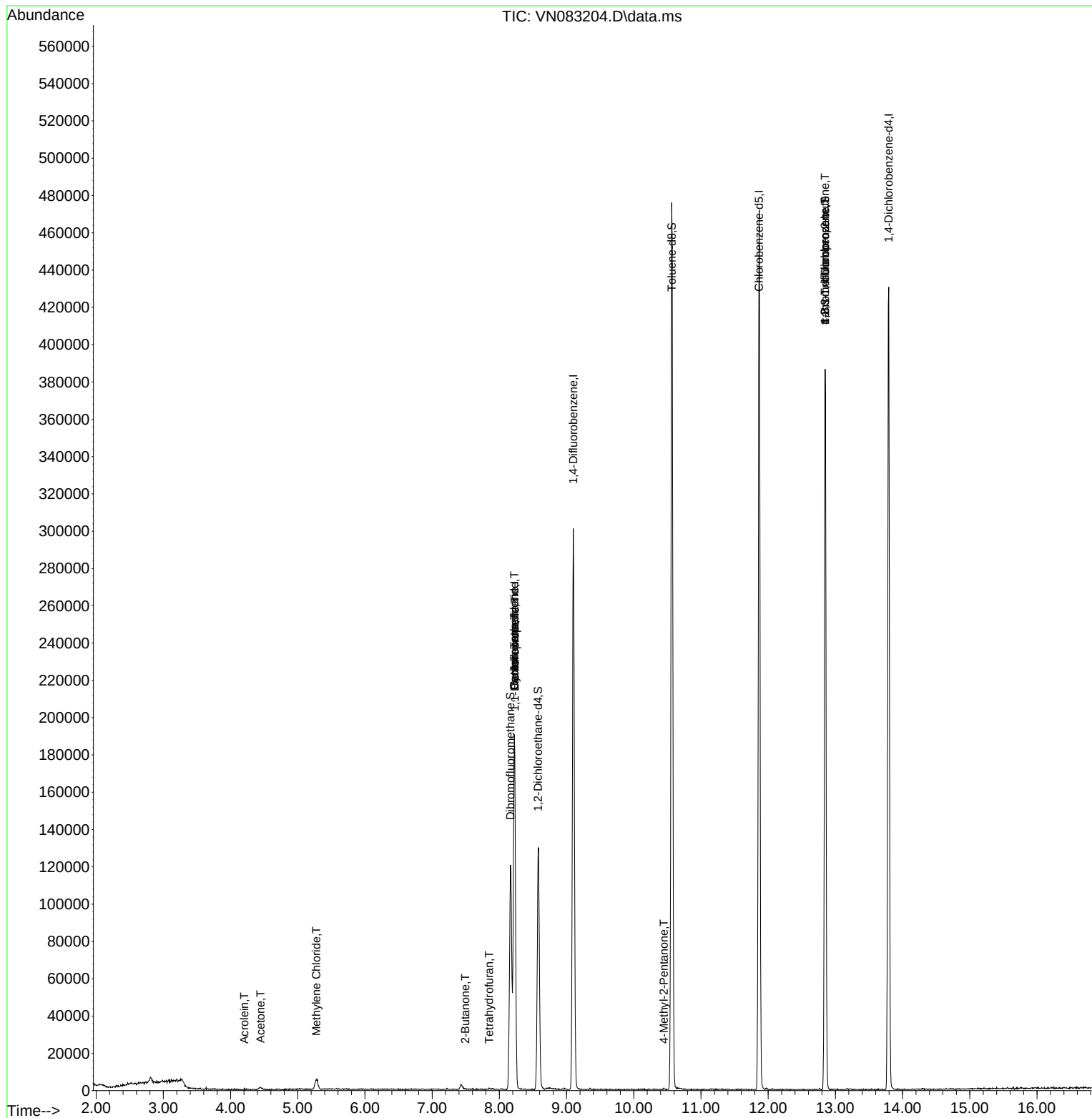
Internal Standards						
1) Pentafluorobenzene	8.224	168	131038	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	248976	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	256264	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	116740	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	111055	59.541	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 119.080%	
35) Dibromofluoromethane	8.165	113	86787	55.846	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 111.700%	
50) Toluene-d8	10.565	98	324626	55.999	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 112.000%	
62) 4-Bromofluorobenzene	12.847	95	136223	60.276	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 120.560%	
Target Compounds						
					Qvalue	
13) Acrolein	4.206	56	53	0.210	ug/l #	1
16) Acetone	4.448	43	2490	3.412	ug/l #	48
20) Methylene Chloride	5.277	84	4487	2.671	ug/l #	77
25) 2-Butanone	7.494	43	481	0.429	ug/l #	53
29) Tetrahydrofuran	7.847	42	514	0.710	ug/l #	57
31) Cyclohexane	8.224	56	3140	1.136	ug/l #	4
36) 1,1-Dichloropropene	8.230	75	11791	5.016	ug/l #	49
38) Carbon Tetrachloride	8.224	117	15550	5.873	ug/l #	15
43) Isopropyl Acetate	8.724	43	735	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.447	43	573	0.230	ug/l #	39
76) 1,2,3-Trichloropropane	12.847	75	74706	29.158	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	74706	63.425	ug/l #	6

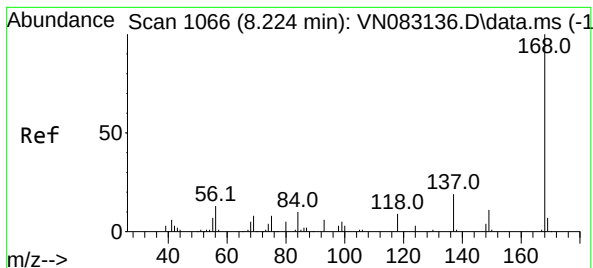
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081024\
Data File : VN083204.D
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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

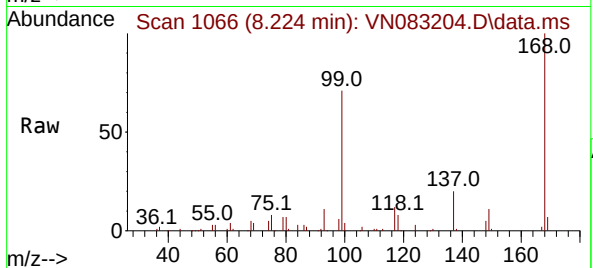
Quant Time: Aug 12 01:50:32 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:30:41 2024
Response via : Initial Calibration



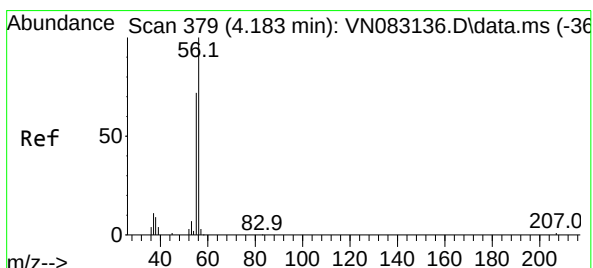
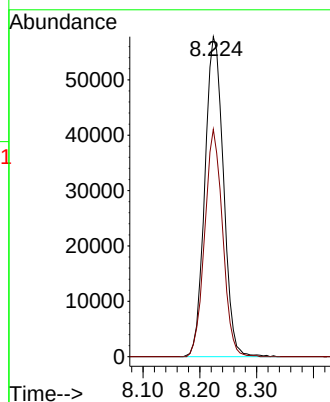
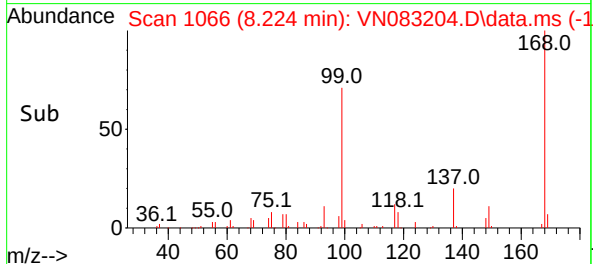


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083204.D
Acq: 10 Aug 2024 13:44

Instrument :
MSVOA_N
ClientSampleId :

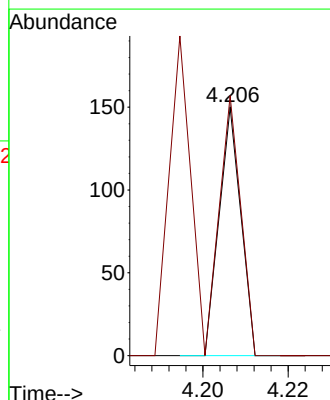
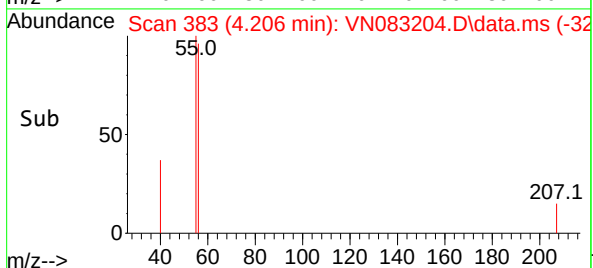
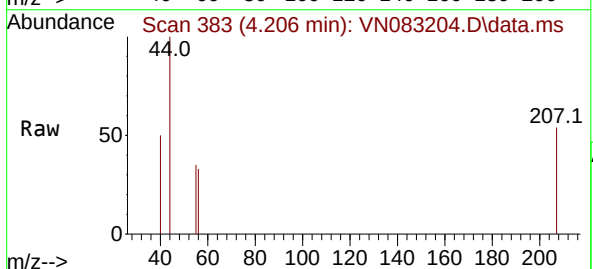


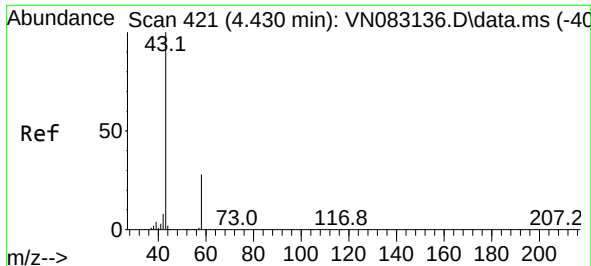
Tgt Ion:168 Resp: 131038
Ion Ratio Lower Upper
168 100
99 71.1 48.2 72.4



#13
Acrolein
Concen: 0.210 ug/l
RT: 4.206 min Scan# 383
Delta R.T. 0.024 min
Lab File: VN083204.D
Acq: 10 Aug 2024 13:44

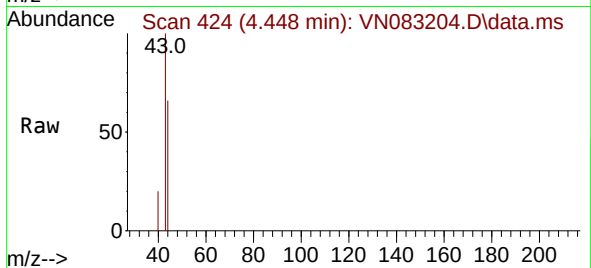
Tgt Ion: 56 Resp: 53
Ion Ratio Lower Upper
56 100
55 232.1 56.4 84.6#



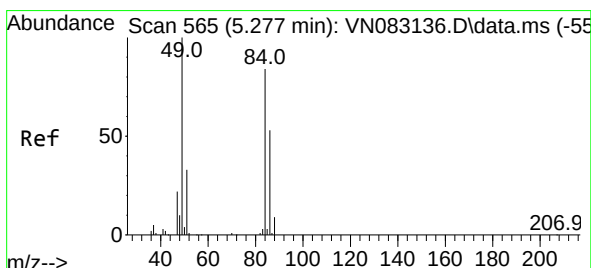
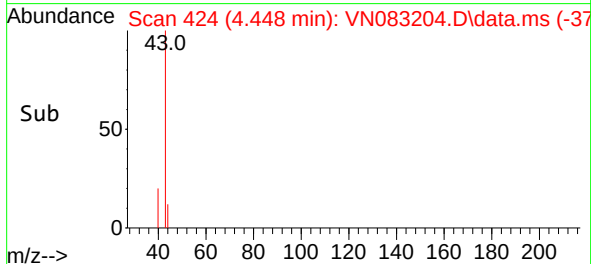
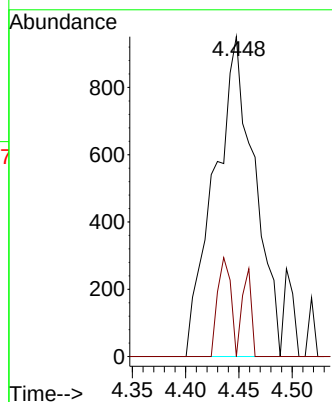


#16
Acetone
Concen: 3.412 ug/l
RT: 4.448 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN083204.D
Acq: 10 Aug 2024 13:44

Instrument :
MSVOA_N
ClientSampleId :

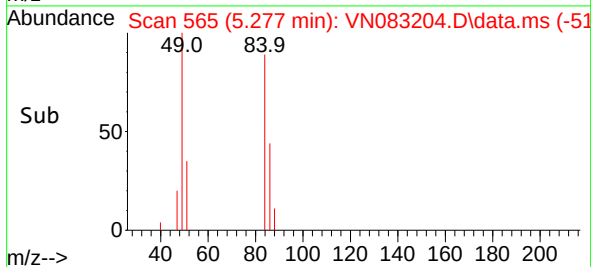
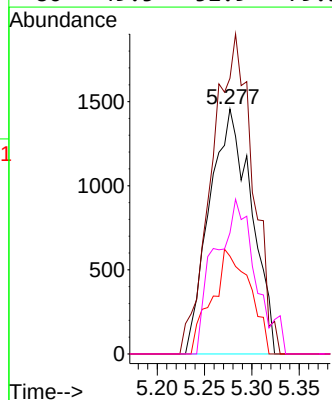
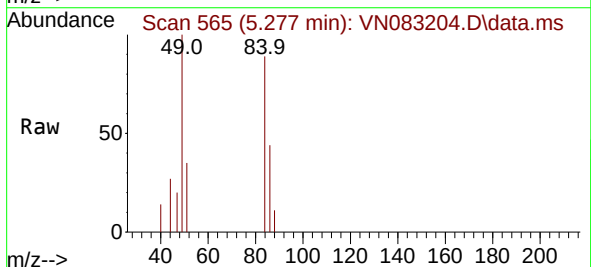


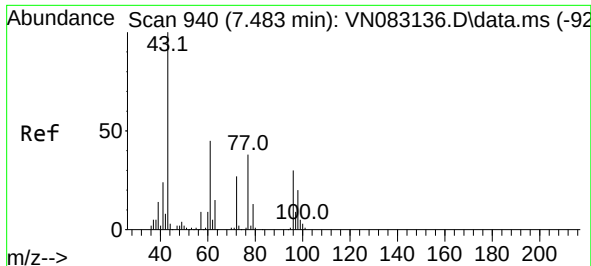
Tgt Ion: 43 Resp: 2490
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#



#20
Methylene Chloride
Concen: 2.671 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN083204.D
Acq: 10 Aug 2024 13:44

Tgt Ion: 84 Resp: 4487
Ion Ratio Lower Upper
84 100
49 112.6 119.6 179.4#
51 39.9 34.8 52.2
86 49.5 52.9 79.3#

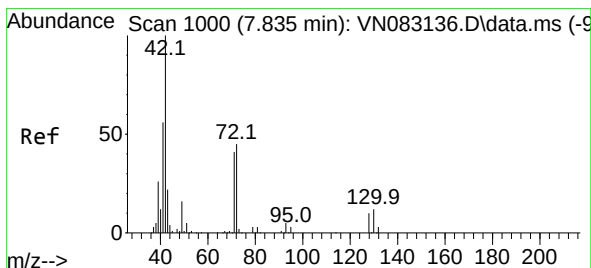
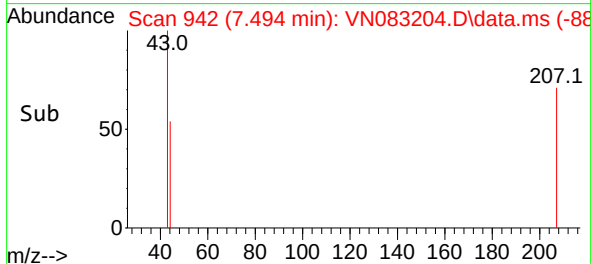
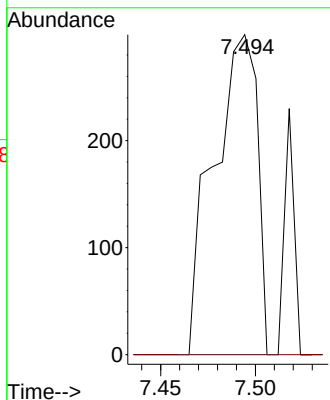
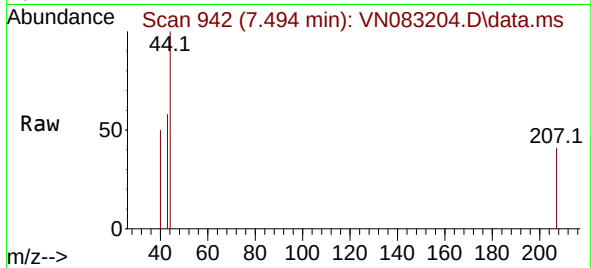




#25
2-Butanone
Concen: 0.429 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.012 min
Lab File: VN083204.D
Acq: 10 Aug 2024 13:44

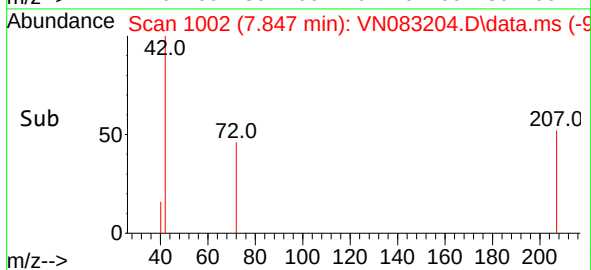
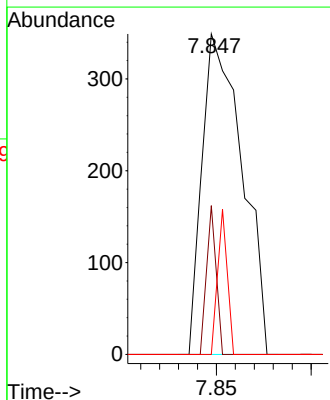
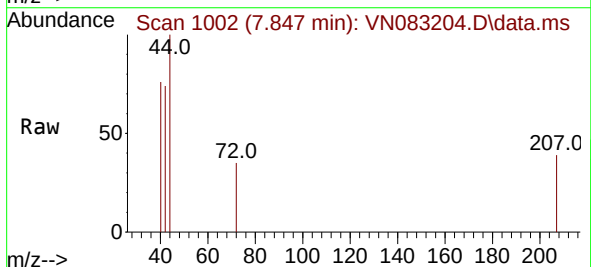
Instrument :
MSVOA_N
ClientSampleId :

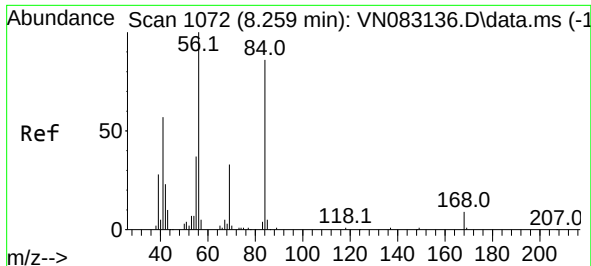
Tgt Ion: 43 Resp: 481
Ion Ratio Lower Upper
43 100
72 0.0 18.2 27.2#



#29
Tetrahydrofuran
Concen: 0.710 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. 0.012 min
Lab File: VN083204.D
Acq: 10 Aug 2024 13:44

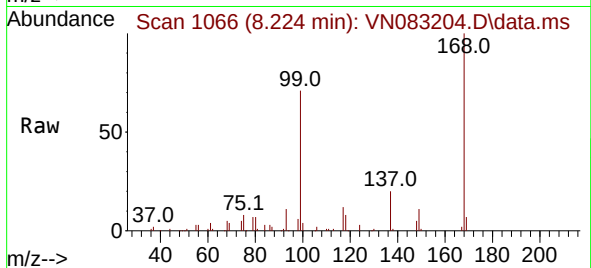
Tgt Ion: 42 Resp: 514
Ion Ratio Lower Upper
42 100
72 11.1 30.0 45.0#
71 10.9 28.3 42.5#



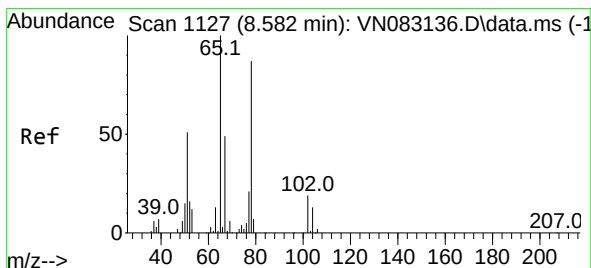
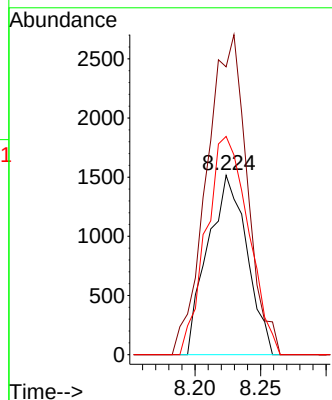
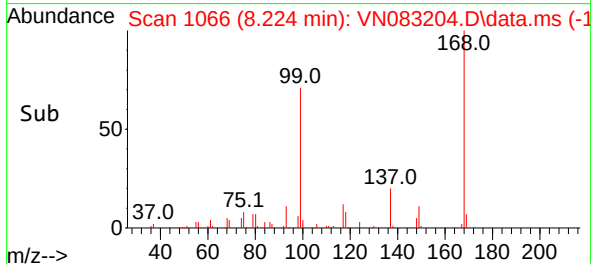


#31
Cyclohexane
Concen: 1.136 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN083204.D
Acq: 10 Aug 2024 13:44

Instrument :
MSVOA_N
ClientSampleId :

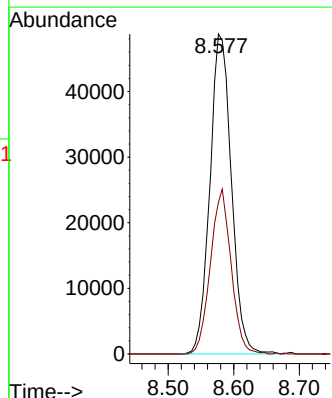
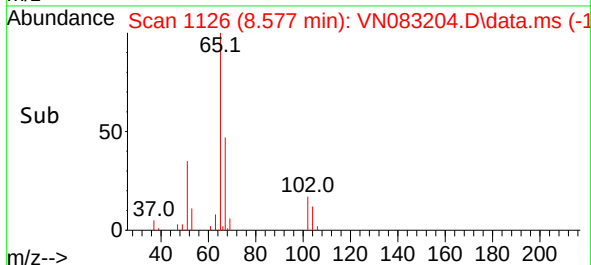
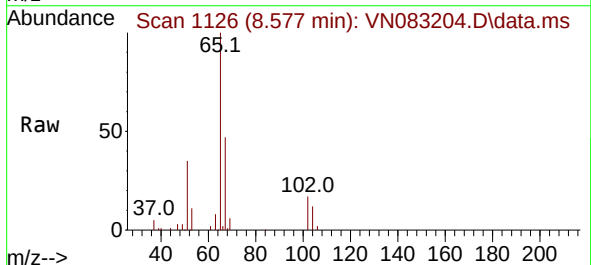


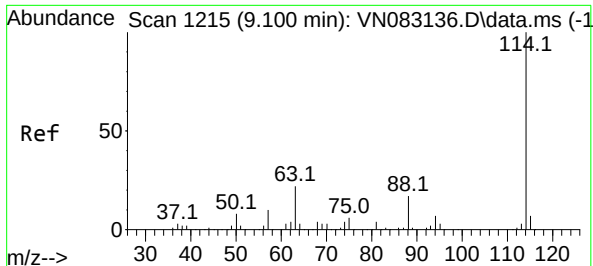
Tgt Ion: 56 Resp: 3140
Ion Ratio Lower Upper
56 100
69 160.4 24.5 36.7#
84 121.6 66.0 99.0#



#33
1,2-Dichloroethane-d4
Concen: 59.541 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN083204.D
Acq: 10 Aug 2024 13:44

Tgt Ion: 65 Resp: 111055
Ion Ratio Lower Upper
65 100
67 49.5 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN083204.D

Acq: 10 Aug 2024 13:44

Instrument :

MSVOA_N

ClientSampleId :

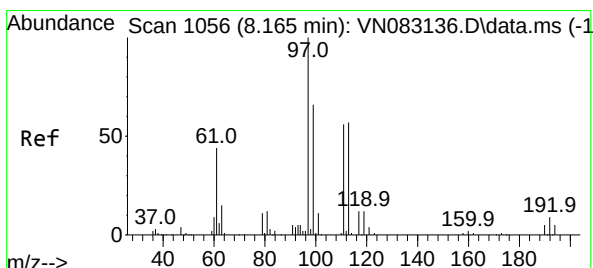
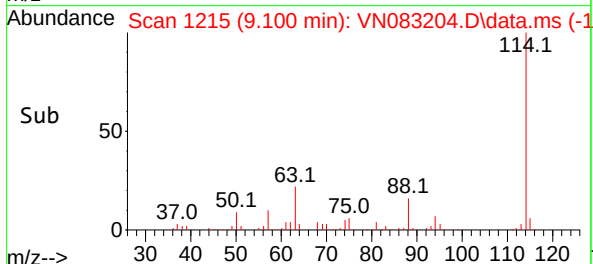
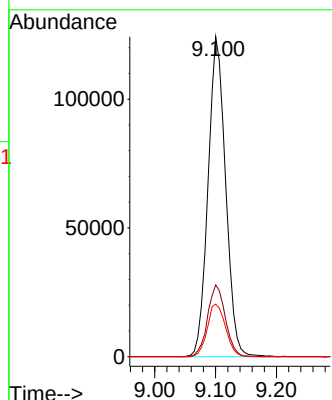
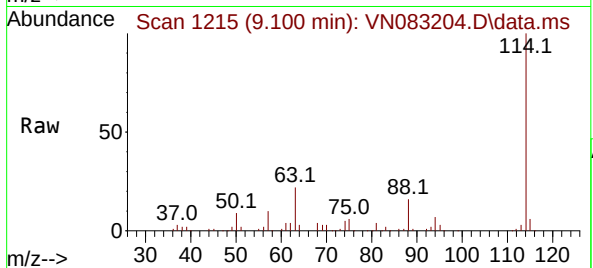
Tgt Ion:114 Resp: 248976

Ion Ratio Lower Upper

114 100

63 22.4 0.0 44.6

88 16.4 0.0 31.4



#35

Dibromofluoromethane

Concen: 55.846 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN083204.D

Acq: 10 Aug 2024 13:44

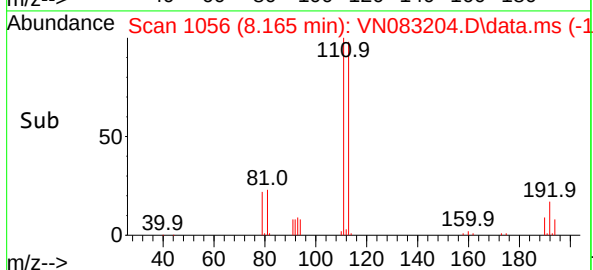
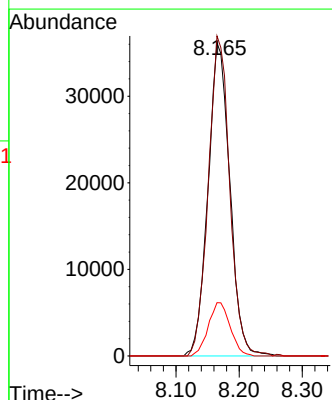
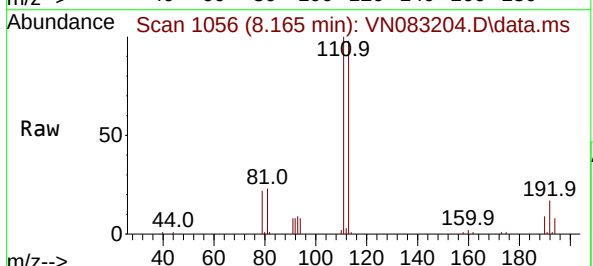
Tgt Ion:113 Resp: 86787

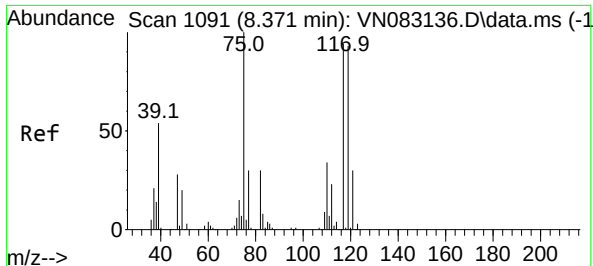
Ion Ratio Lower Upper

113 100

111 100.2 82.4 123.6

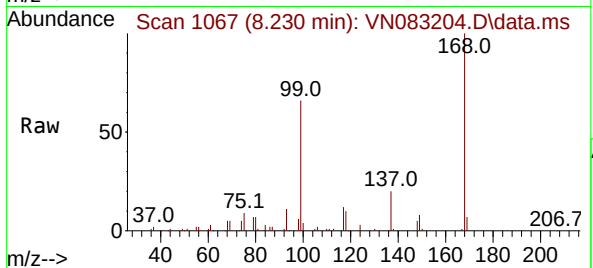
192 17.0 14.9 22.3



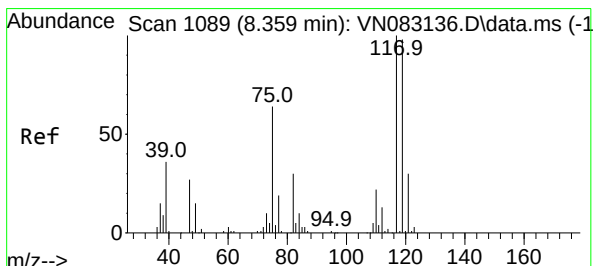
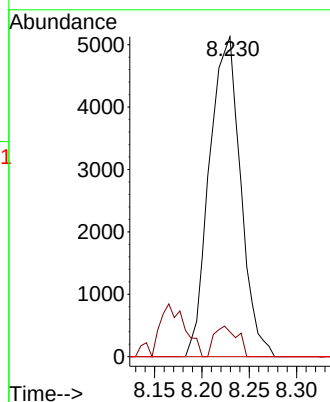
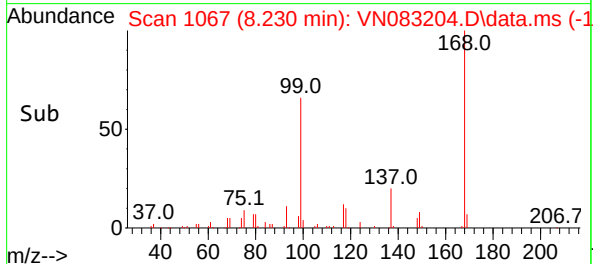


#36
 1,1-Dichloropropene
 Concen: 5.016 ug/l
 RT: 8.230 min Scan# 1067
 Delta R.T. -0.141 min
 Lab File: VN083204.D
 Acq: 10 Aug 2024 13:44

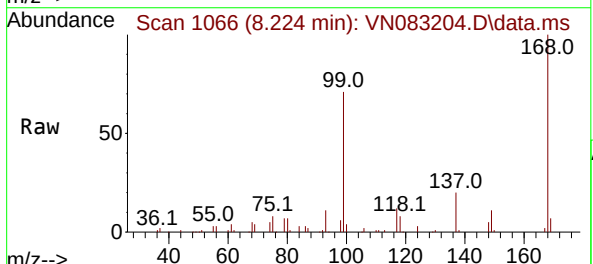
Instrument :
 MSVOA_N
 ClientSampleId :



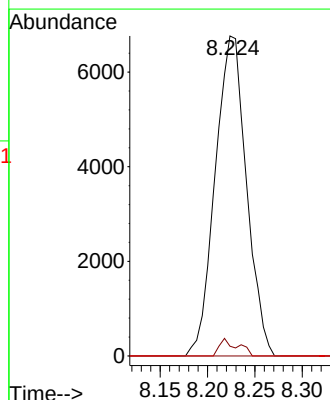
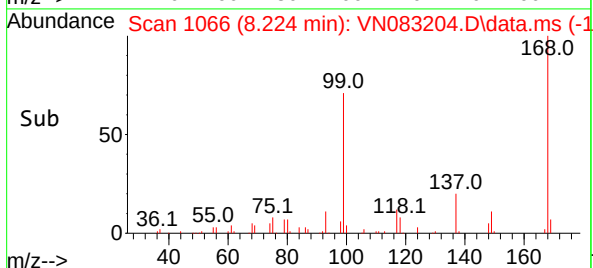
Tgt Ion: 75 Resp: 11791
 Ion Ratio Lower Upper
 75 100
 110 7.0 16.3 48.9#
 77 0.0 24.6 37.0#

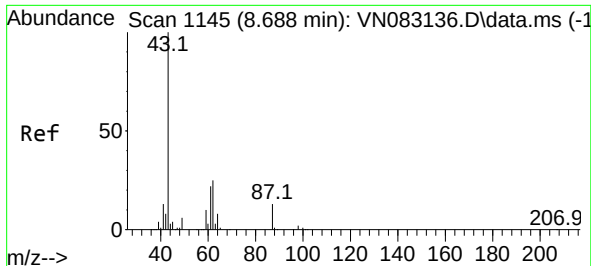


#38
 Carbon Tetrachloride
 Concen: 5.873 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. -0.135 min
 Lab File: VN083204.D
 Acq: 10 Aug 2024 13:44



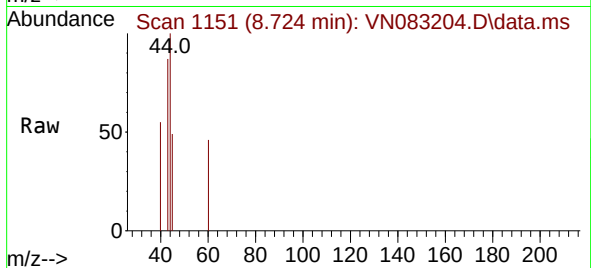
Tgt Ion: 117 Resp: 15550
 Ion Ratio Lower Upper
 117 100
 119 3.1 74.9 112.3#
 121 0.0 24.3 36.5#



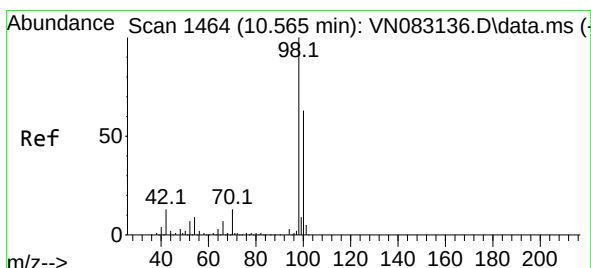
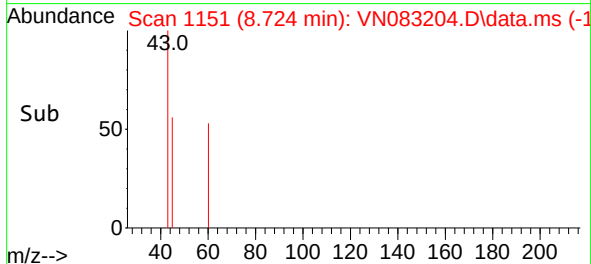
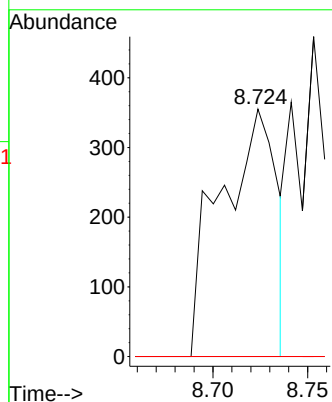


#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.724 min Scan# 1145
Delta R.T. 0.036 min
Lab File: VN083204.D
Acq: 10 Aug 2024 13:44

Instrument :
MSVOA_N
ClientSampleId :

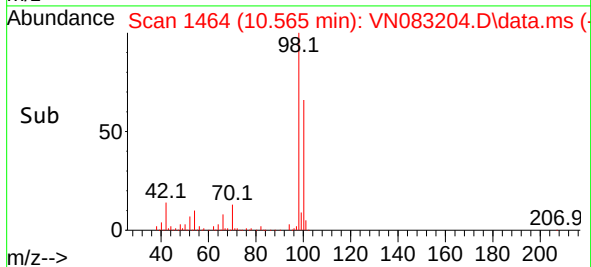
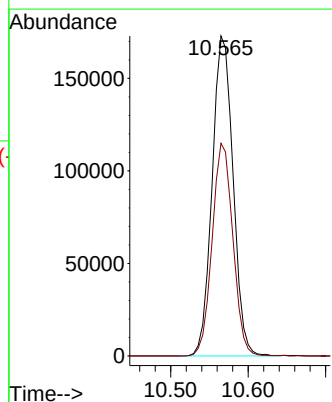
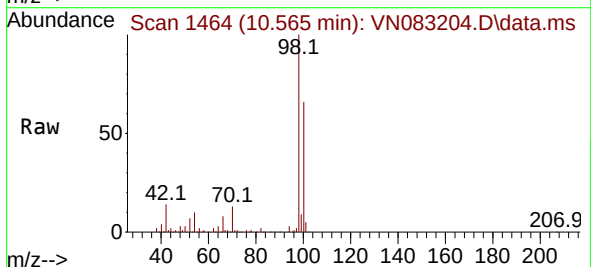


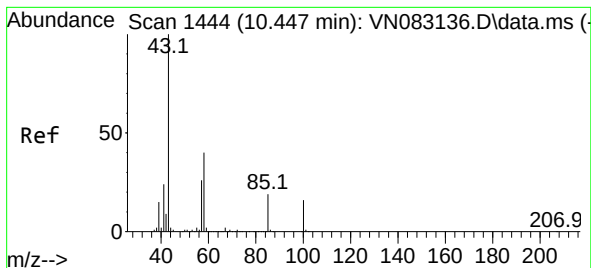
Tgt Ion: 43 Resp: 735
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#



#50
Toluene-d8
Concen: 55.999 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN083204.D
Acq: 10 Aug 2024 13:44

Tgt Ion: 98 Resp: 324626
Ion Ratio Lower Upper
98 100
100 65.9 51.5 77.3

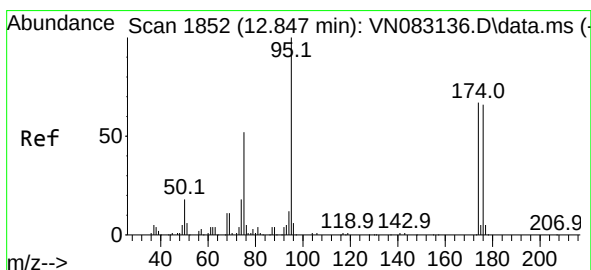
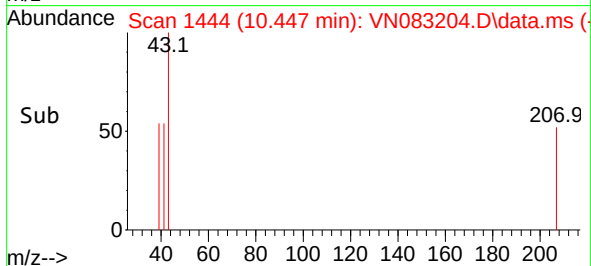
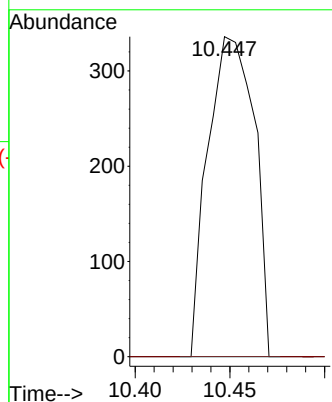
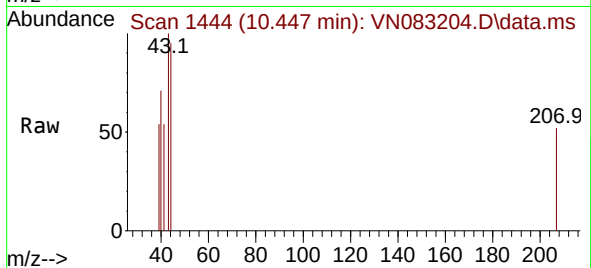




#51
4-Methyl-2-Pentanone
Concen: 0.230 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN083204.D
Acq: 10 Aug 2024 13:44

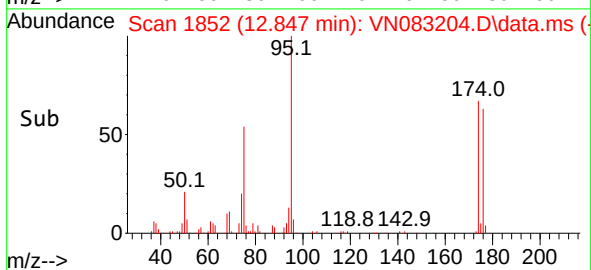
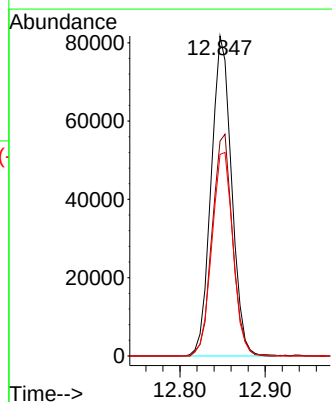
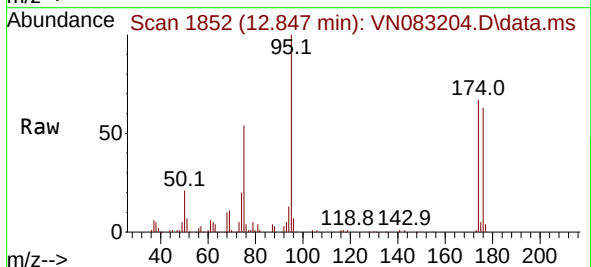
Instrument :
MSVOA_N
ClientSampleId :

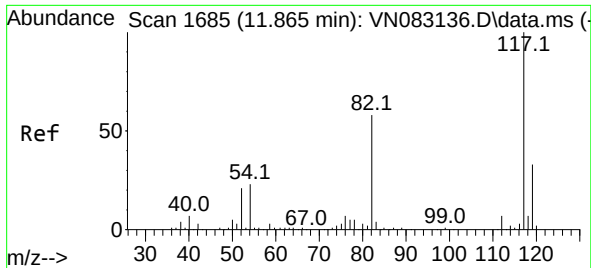
Tgt Ion: 43 Resp: 573
Ion Ratio Lower Upper
43 100
58 0.0 28.2 42.4#



#62
4-Bromofluorobenzene
Concen: 60.276 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083204.D
Acq: 10 Aug 2024 13:44

Tgt Ion: 95 Resp: 136223
Ion Ratio Lower Upper
95 100
174 69.2 0.0 159.2
176 65.6 0.0 147.6

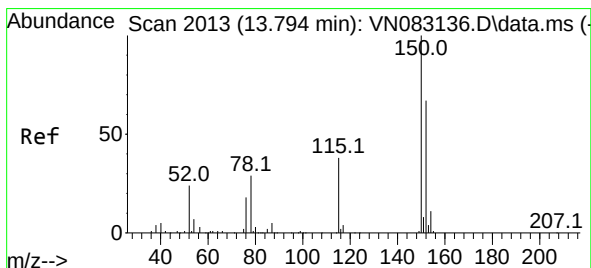
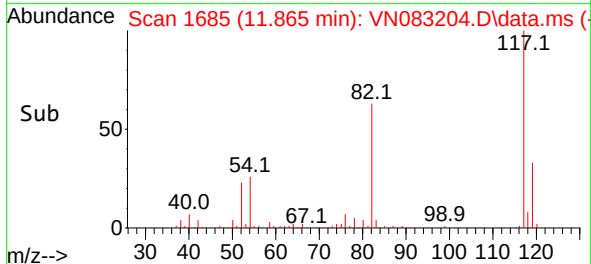
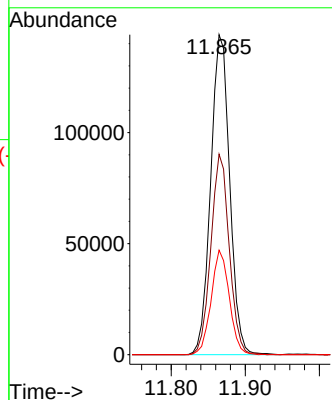
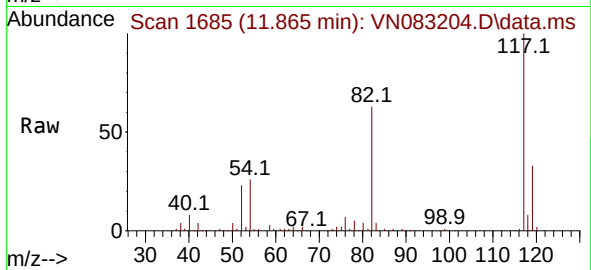




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN083204.D
Acq: 10 Aug 2024 13:44

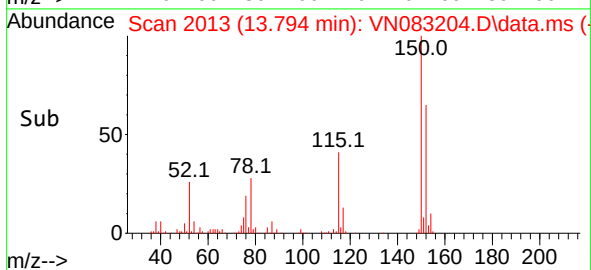
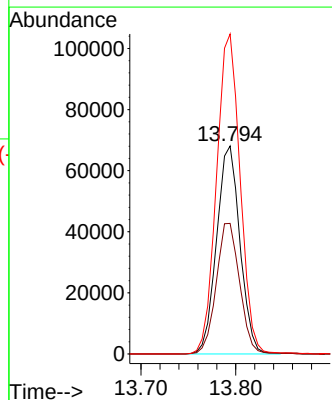
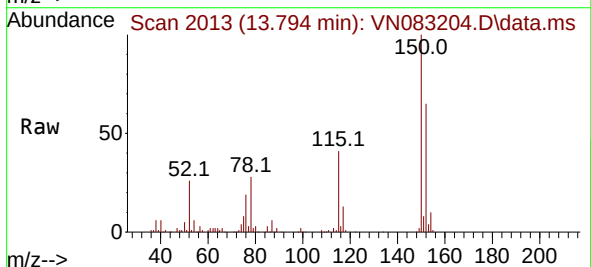
Instrument :
MSVOA_N
ClientSampleId :

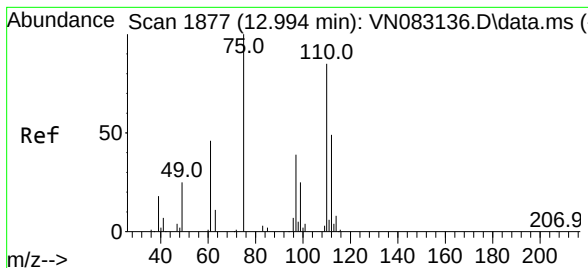
Tgt Ion:117 Resp: 256264
Ion Ratio Lower Upper
117 100
82 62.6 47.5 71.3
119 32.7 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN083204.D
Acq: 10 Aug 2024 13:44

Tgt Ion:152 Resp: 116740
Ion Ratio Lower Upper
152 100
115 62.9 30.6 91.6
150 155.7 0.0 348.6

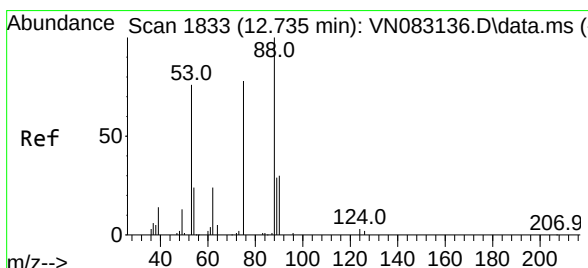
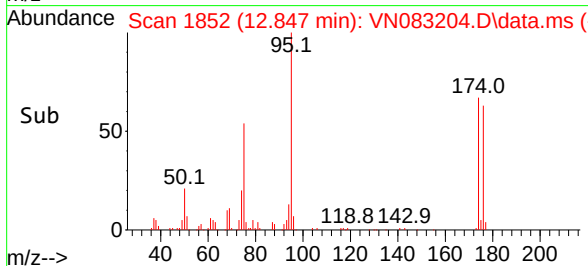
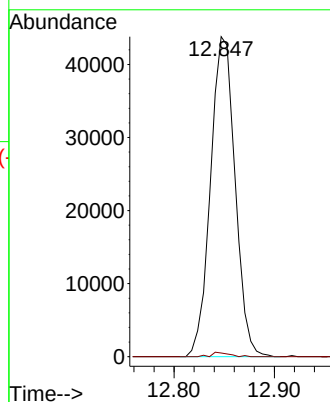
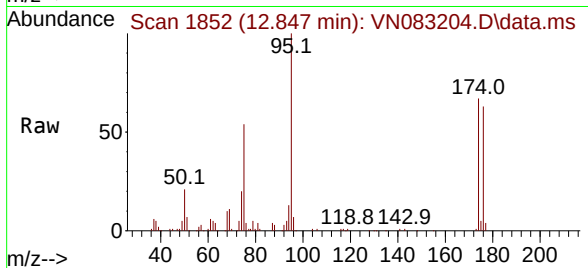




#76
1,2,3-Trichloropropane
Concen: 29.158 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083204.D
Acq: 10 Aug 2024 13:44

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 74706
Ion Ratio Lower Upper
75 100
77 1.0 110.9 332.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.425 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN083204.D
Acq: 10 Aug 2024 13:44

Tgt Ion: 75 Resp: 74706
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#

