

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082324\
 Data File : VN083448.D
 Acq On : 23 Aug 2024 09:51
 Operator : JC\MD
 Sample : VV0823MBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 23 23:53:42 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

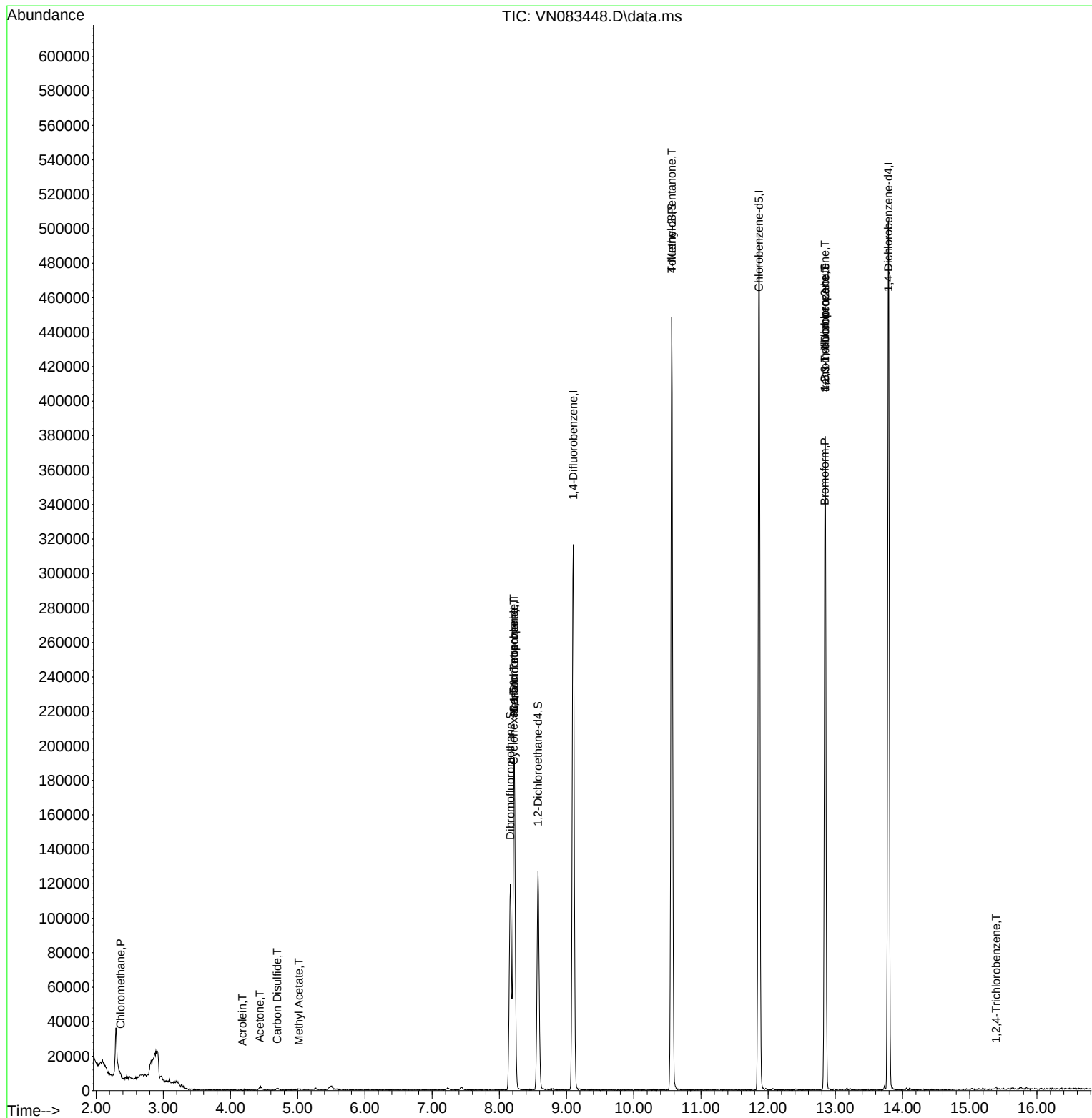
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	134785	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	262803	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	284980	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	129450	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	105542	55.012	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 110.020%		
35) Dibromofluoromethane	8.165	113	86027	52.444	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 104.880%		
50) Toluene-d8	10.565	98	300590	49.125	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 98.240%		
62) 4-Bromofluorobenzene	12.847	95	133380	55.912	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 111.820%		
Target Compounds						Qvalue
3) Chloromethane	2.365	50	490	0.313	ug/l #	43
13) Acrolein	4.177	56	56	0.216	ug/l #	14
16) Acetone	4.436	43	392	0.522	ug/l #	48
17) Carbon Disulfide	4.695	76	2181	0.499	ug/l #	75
18) Methyl Acetate	5.018	43	682	0.305	ug/l #	77
31) Cyclohexane	8.212	56	3402	1.197	ug/l #	32
36) 1,1-Dichloropropene	8.218	75	11722	4.724	ug/l #	51
38) Carbon Tetrachloride	8.218	117	15425	5.519	ug/l #	16
43) Isopropyl Acetate	8.706	43	395	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.565	43	1611	0.613	ug/l #	1
71) Bromoform	12.841	173	543	0.323	ug/l #	29
76) 1,2,3-Trichloropropane	12.847	75	73548	25.887	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	73548	56.311	ug/l #	6
93) 1,2,4-Trichlorobenzene	15.394	180	543	0.221	ug/l #	88

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

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Sample : VV0823MBL01
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ALS Vial : 1 Sample Multiplier: 1

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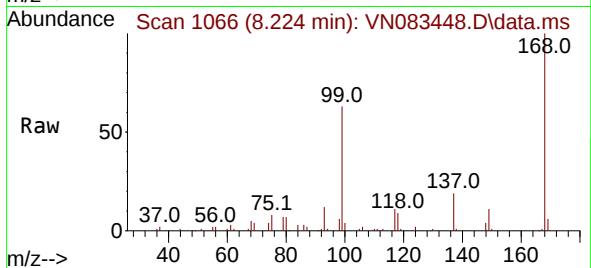
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:30:41 2024
Response via : Initial Calibration



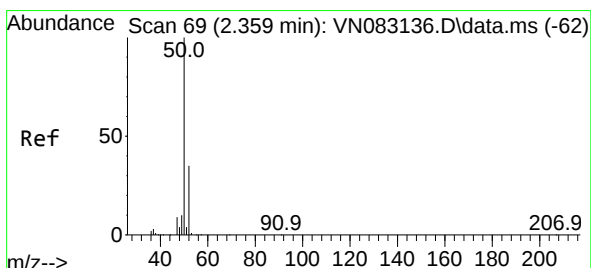
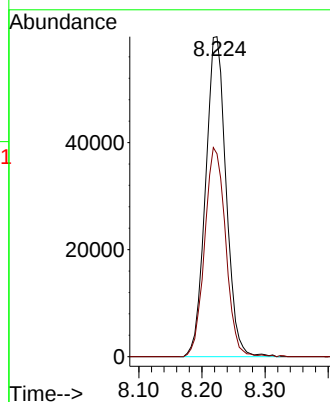
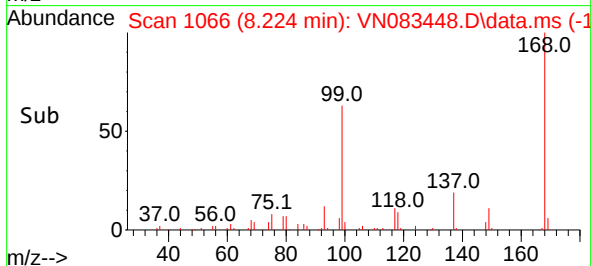


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN083448.D
Acq: 23 Aug 2024 09:51

Instrument :
MSVOA_N
ClientSampleId :

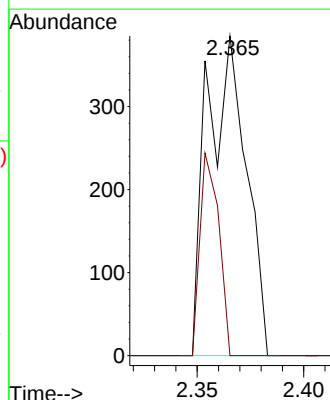
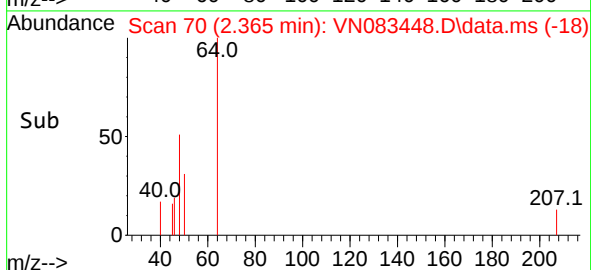
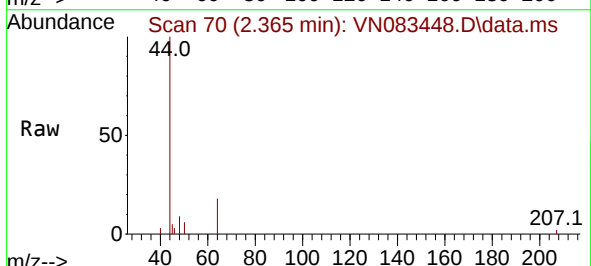


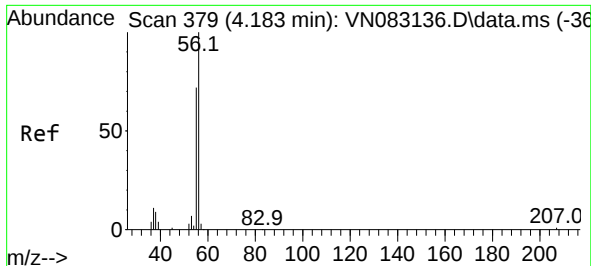
Tgt Ion:168 Resp: 134785
Ion Ratio Lower Upper
168 100
99 63.4 48.2 72.4



#3
Chloromethane
Concen: 0.313 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN083448.D
Acq: 23 Aug 2024 09:51

Tgt Ion: 50 Resp: 490
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#

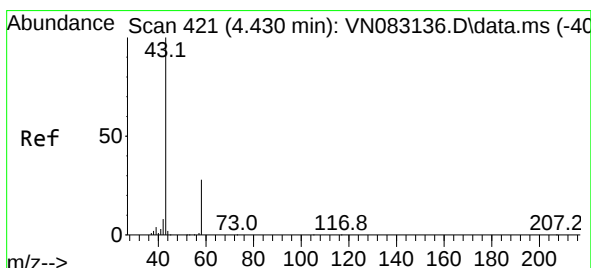
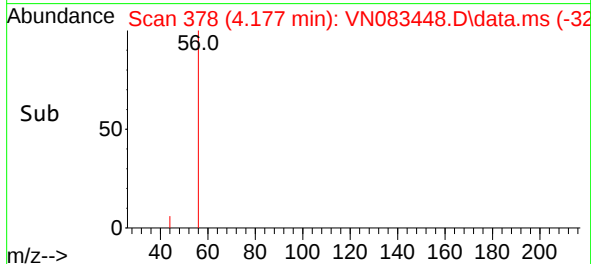
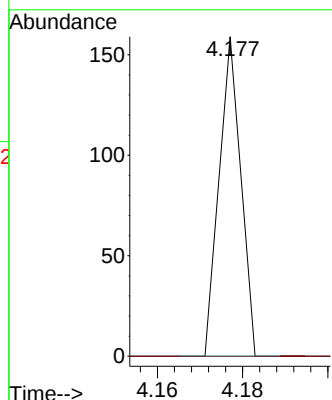
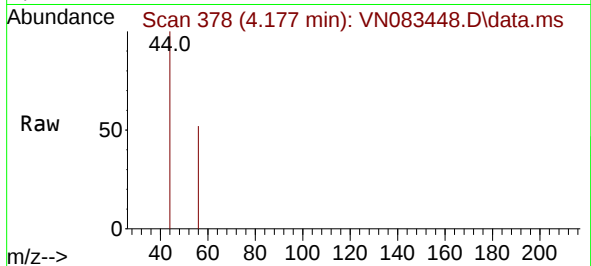




#13
Acrolein
Concen: 0.216 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN083448.D
Acq: 23 Aug 2024 09:51

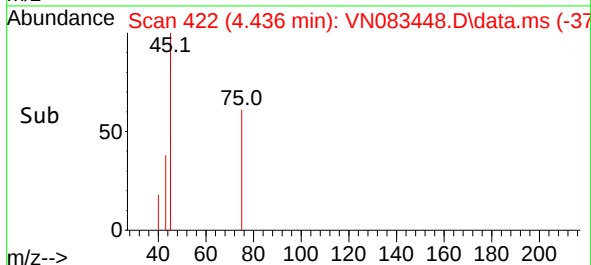
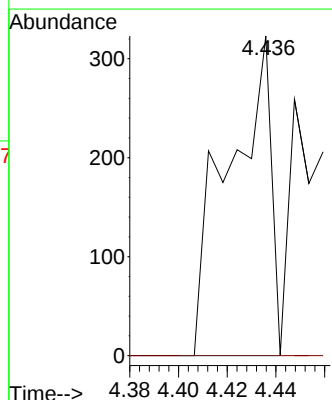
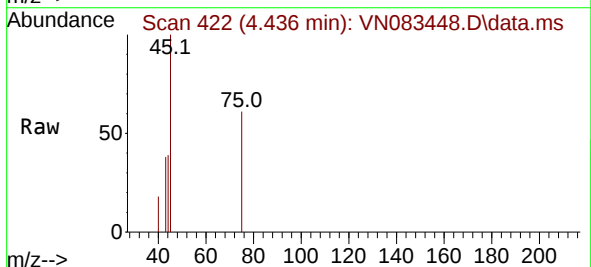
Instrument :
MSVOA_N
ClientSampleId :

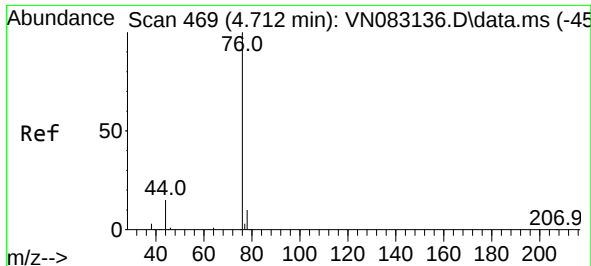
Tgt Ion: 56 Resp: 56
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 0.522 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN083448.D
Acq: 23 Aug 2024 09:51

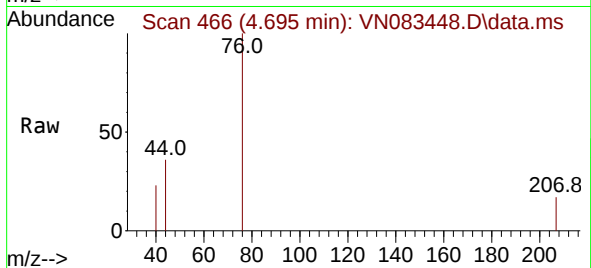
Tgt Ion: 43 Resp: 392
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#



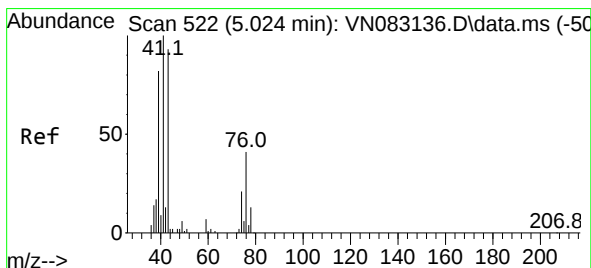
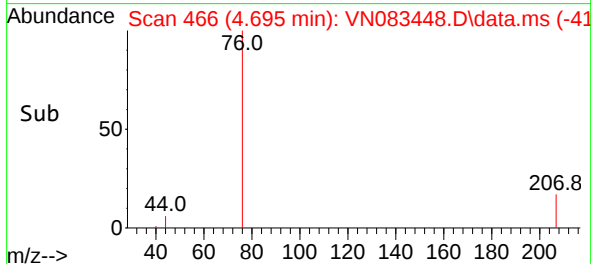
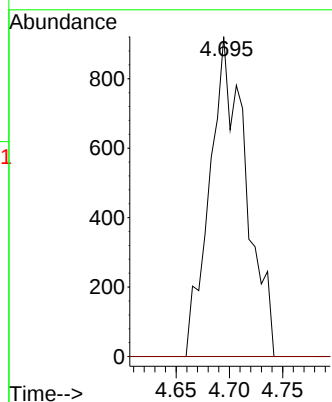


#17
Carbon Disulfide
Concen: 0.499 ug/l
RT: 4.695 min Scan# 41
Delta R.T. -0.017 min
Lab File: VN083448.D
Acq: 23 Aug 2024 09:51

Instrument :
MSVOA_N
ClientSampleId :

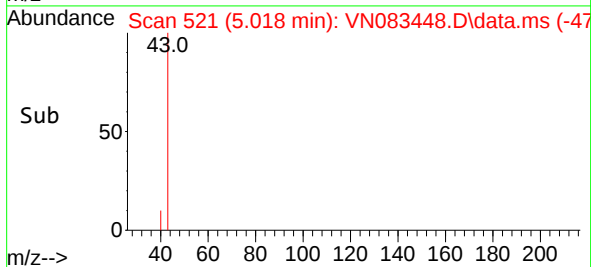
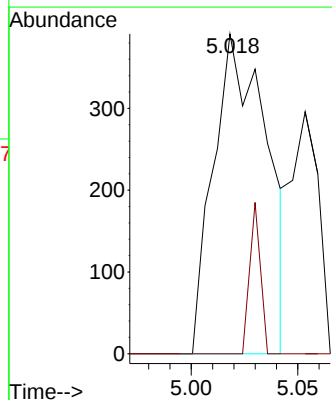
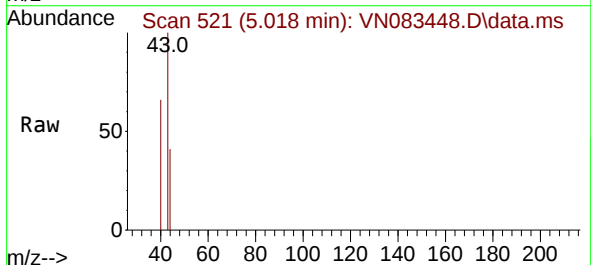


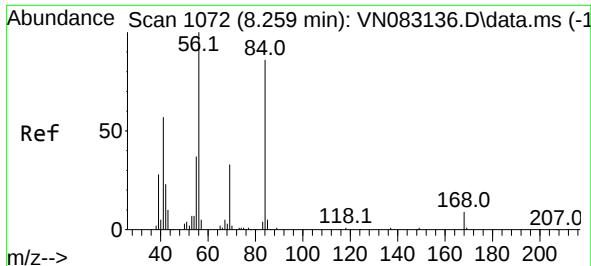
Tgt Ion: 76 Resp: 2181
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 0.305 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN083448.D
Acq: 23 Aug 2024 09:51

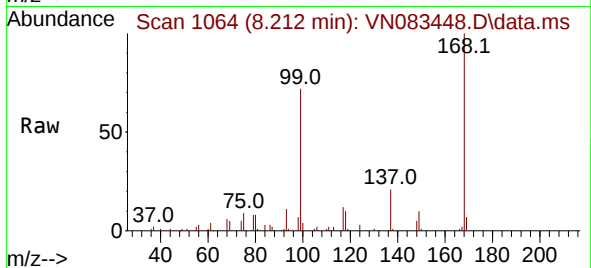
Tgt Ion: 43 Resp: 682
Ion Ratio Lower Upper
43 100
74 9.5 16.3 24.5#



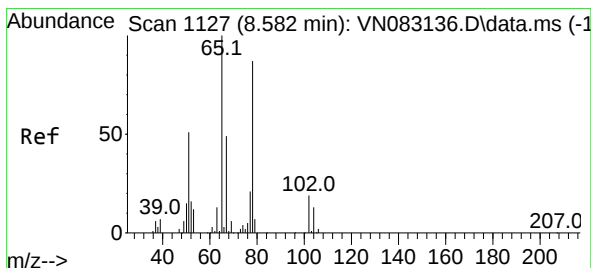
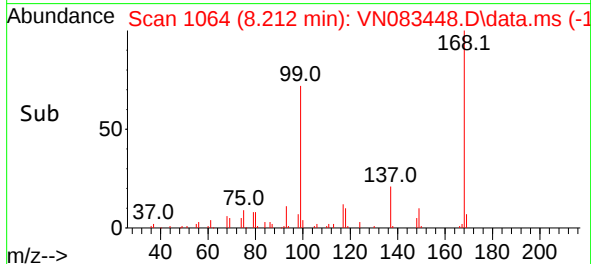
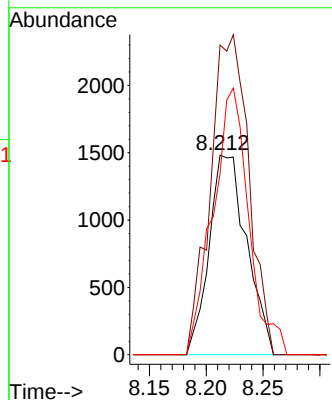


#31
Cyclohexane
Concen: 1.197 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. -0.047 min
Lab File: VN083448.D
Acq: 23 Aug 2024 09:51

Instrument :
MSVOA_N
ClientSampleId :

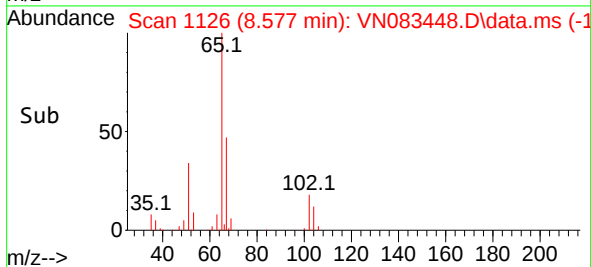
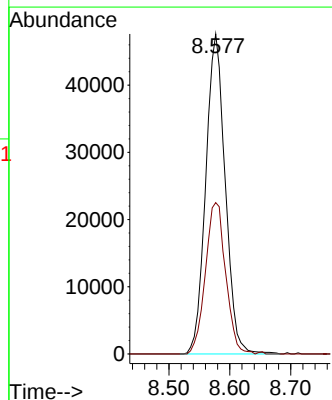
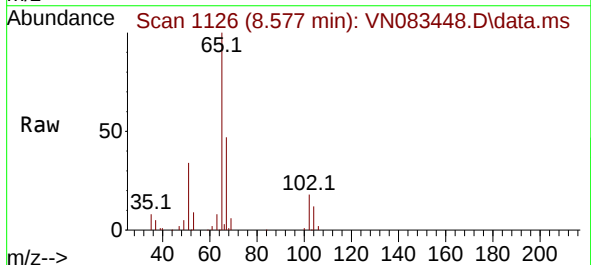


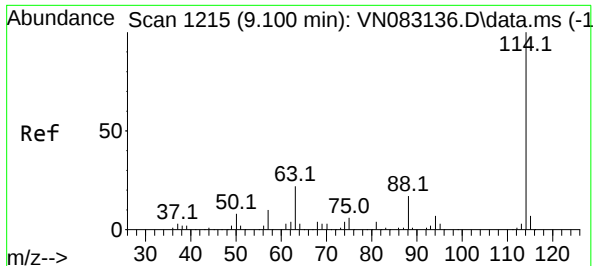
Tgt Ion	Ratio	Lower	Upper
56	100		
69	155.2	24.5	36.7#
84	90.7	66.0	99.0



#33
1,2-Dichloroethane-d4
Concen: 55.012 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.005 min
Lab File: VN083448.D
Acq: 23 Aug 2024 09:51

Tgt Ion	Ratio	Lower	Upper
65	100		
67	49.2	0.0	104.4

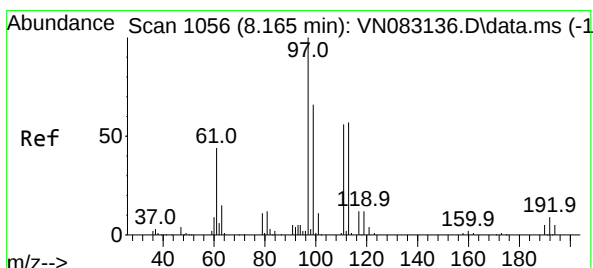
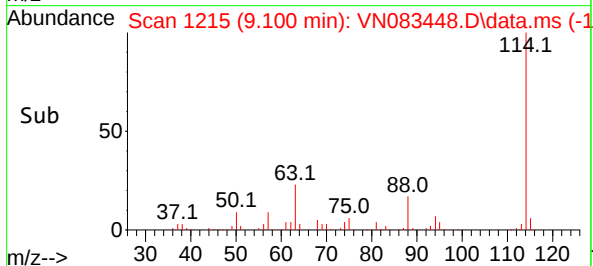
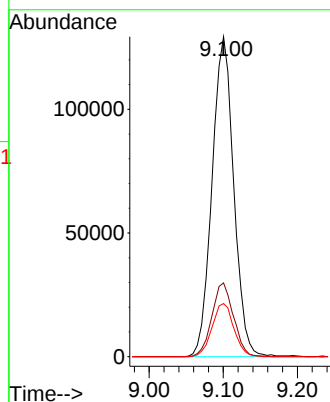
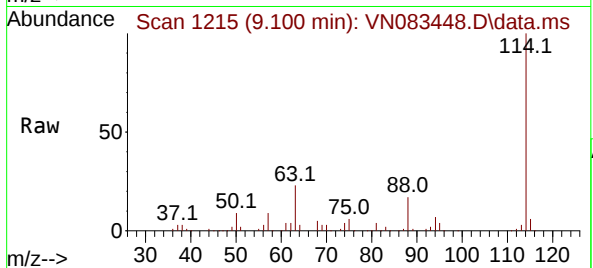




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083448.D
Acq: 23 Aug 2024 09:51

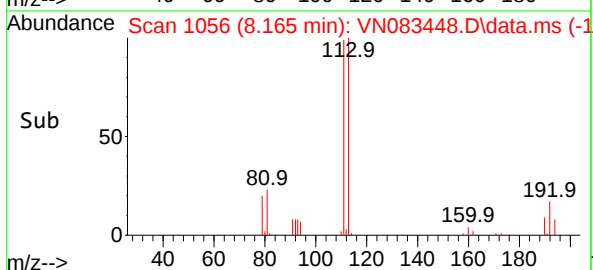
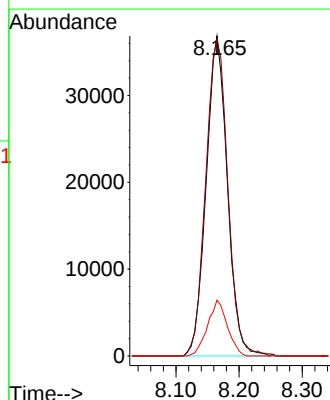
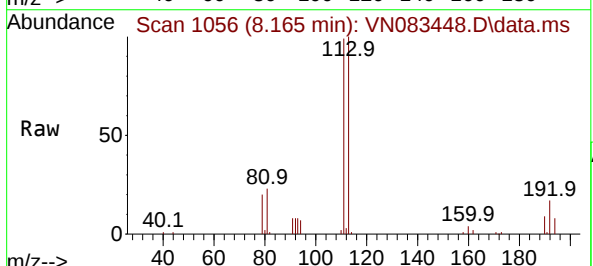
Instrument :
MSVOA_N
ClientSampleId :

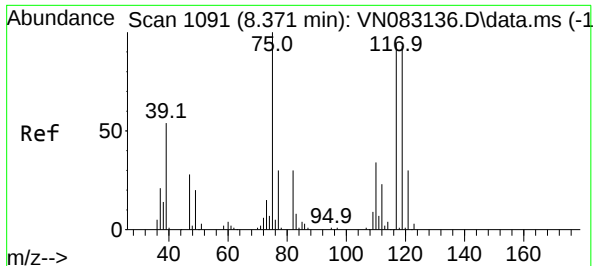
Tgt Ion:114 Resp: 262803
Ion Ratio Lower Upper
114 100
63 23.1 0.0 44.6
88 16.6 0.0 31.4



#35
Dibromofluoromethane
Concen: 52.444 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN083448.D
Acq: 23 Aug 2024 09:51

Tgt Ion:113 Resp: 86027
Ion Ratio Lower Upper
113 100
111 102.8 82.4 123.6
192 16.2 14.9 22.3





#36

1,1-Dichloropropene

Concen: 4.724 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.153 min

Lab File: VN083448.D

Acq: 23 Aug 2024 09:51

Instrument :

MSVOA_N

ClientSampleId :

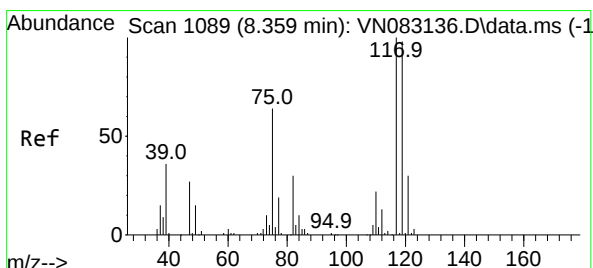
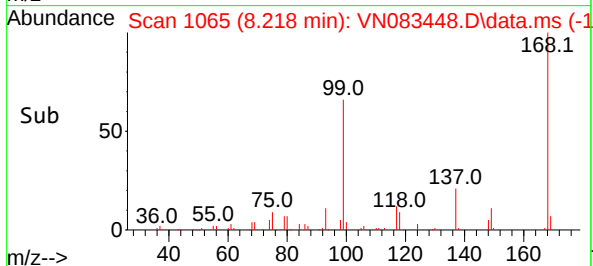
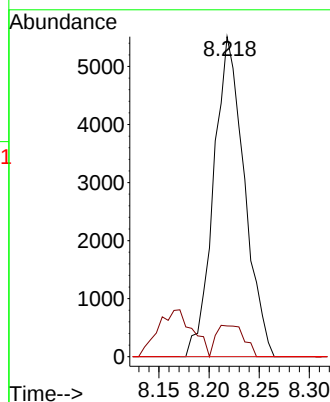
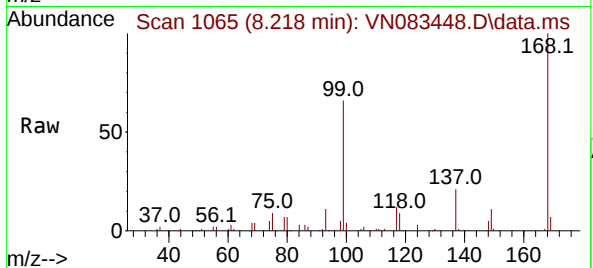
Tgt Ion: 75 Resp: 11722

Ion Ratio Lower Upper

75 100

110 8.9 16.3 48.9#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 5.519 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.141 min

Lab File: VN083448.D

Acq: 23 Aug 2024 09:51

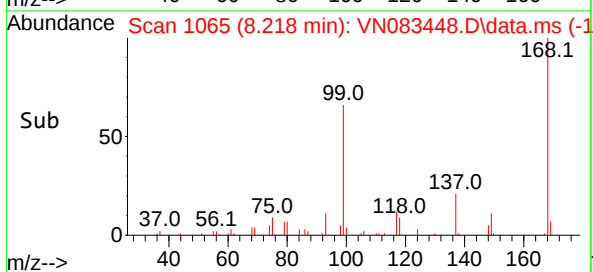
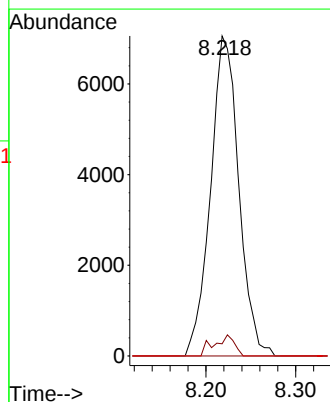
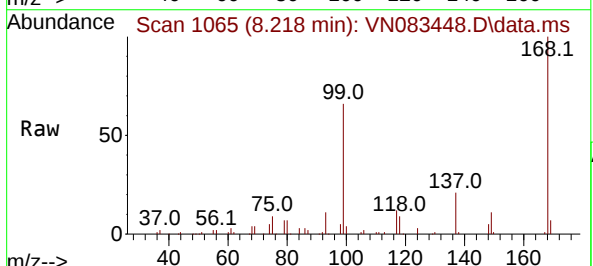
Tgt Ion: 117 Resp: 15425

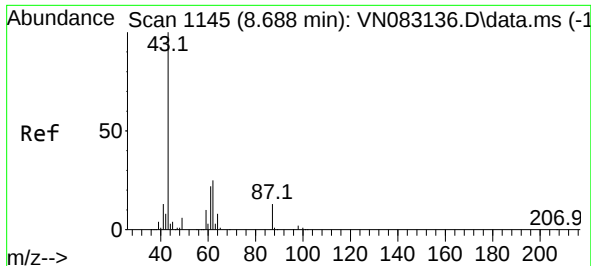
Ion Ratio Lower Upper

117 100

119 3.8 74.9 112.3#

121 0.0 24.3 36.5#





#43

Isopropyl Acetate

Concen: Below Cal

RT: 8.706 min Scan# 1145

Delta R.T. 0.018 min

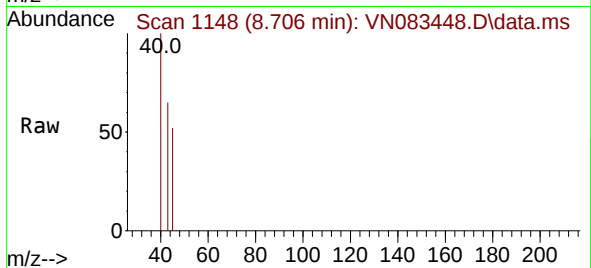
Lab File: VN083448.D

Acq: 23 Aug 2024 09:51

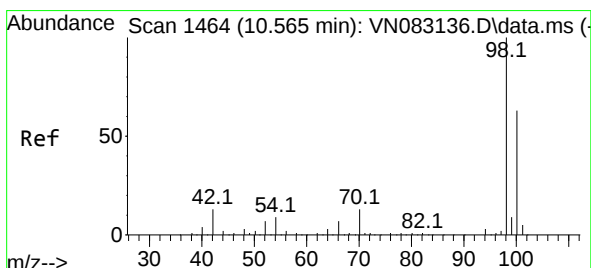
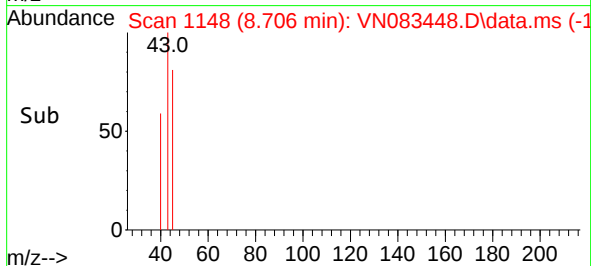
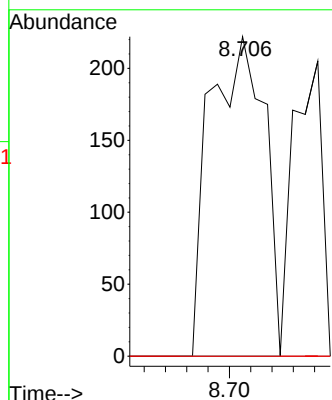
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 43	Resp: 395
Ion Ratio	Lower Upper
43	100
61	0.0 17.8 26.6#
87	0.0 8.2 12.2#



#50

Toluene-d8

Concen: 49.125 ug/l

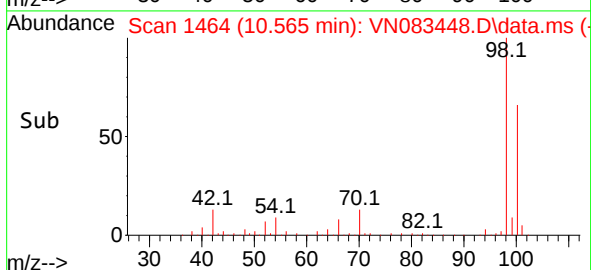
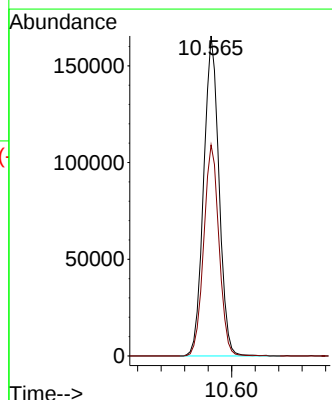
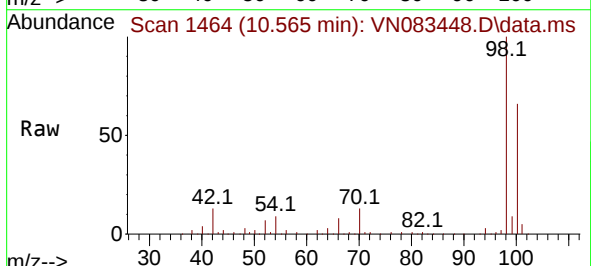
RT: 10.565 min Scan# 1464

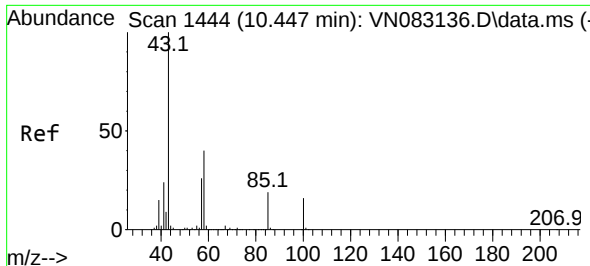
Delta R.T. -0.000 min

Lab File: VN083448.D

Acq: 23 Aug 2024 09:51

Tgt Ion: 98	Resp: 300590
Ion Ratio	Lower Upper
98	100
100	65.6 51.5 77.3

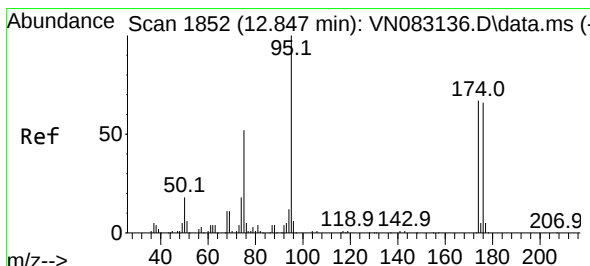
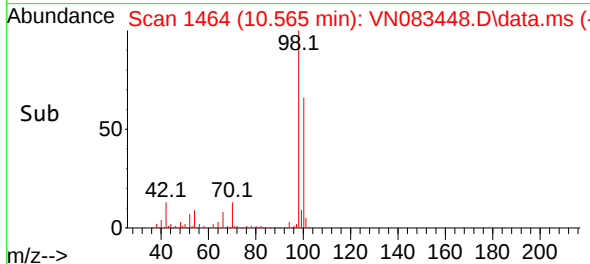
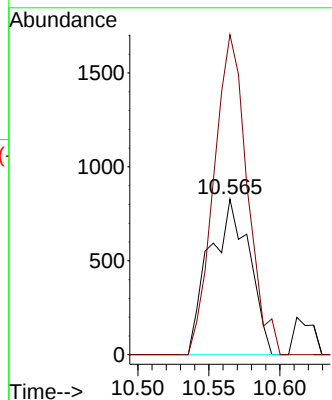
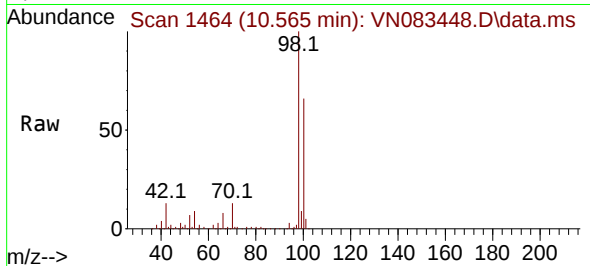




#51
4-Methyl-2-Pentanone
Concen: 0.613 ug/l
RT: 10.565 min Scan# 1444
Delta R.T. 0.118 min
Lab File: VN083448.D
Acq: 23 Aug 2024 09:51

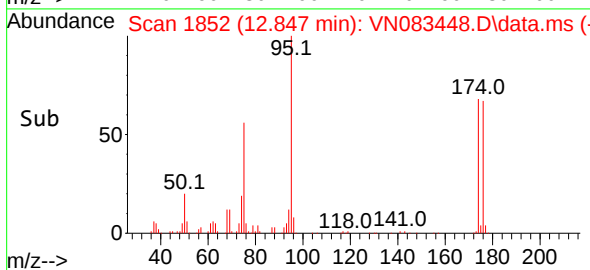
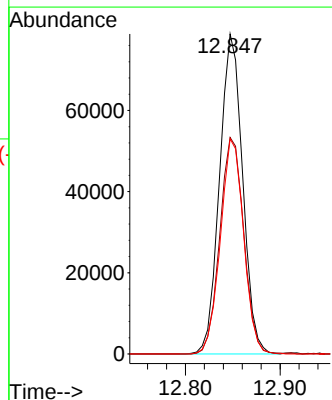
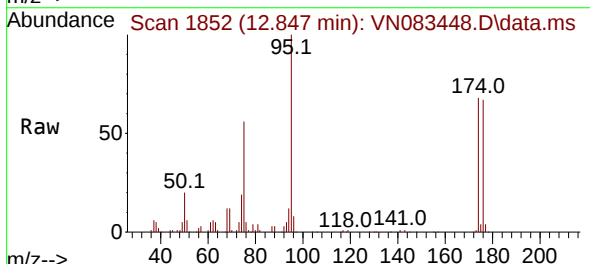
Instrument :
MSVOA_N
ClientSampleId :

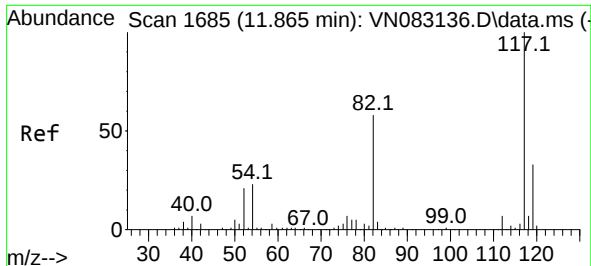
Tgt Ion: 43 Resp: 1611
Ion Ratio Lower Upper
43 100
58 173.6 28.2 42.4#



#62
4-Bromofluorobenzene
Concen: 55.912 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083448.D
Acq: 23 Aug 2024 09:51

Tgt Ion: 95 Resp: 133380
Ion Ratio Lower Upper
95 100
174 70.1 0.0 159.2
176 67.8 0.0 147.6

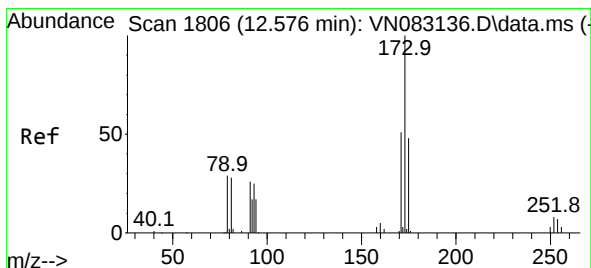
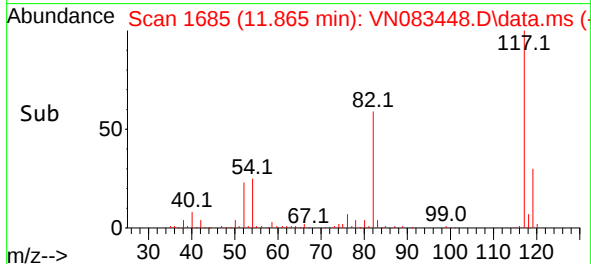
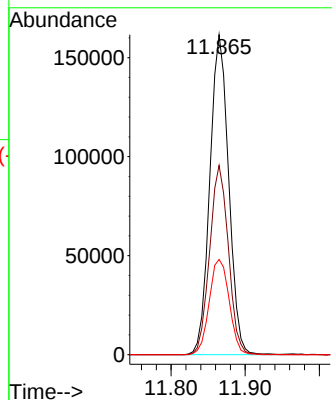
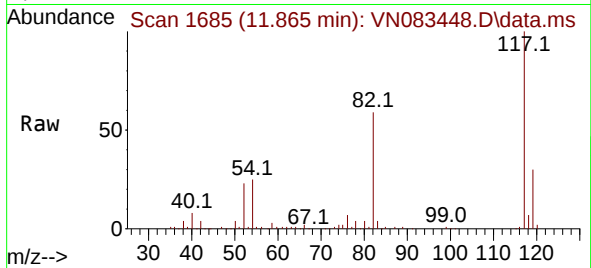




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN083448.D
Acq: 23 Aug 2024 09:51

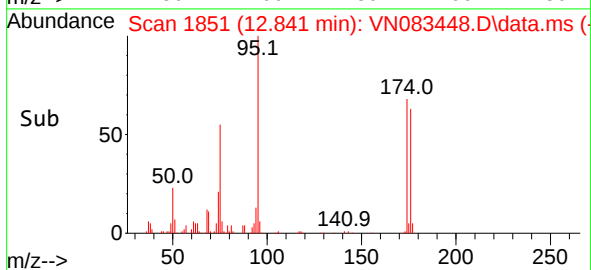
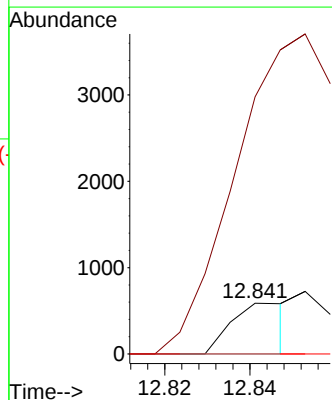
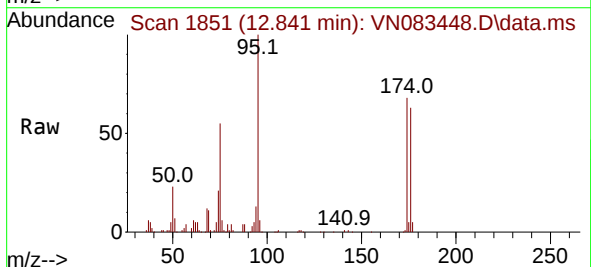
Instrument :
MSVOA_N
ClientSampleId :

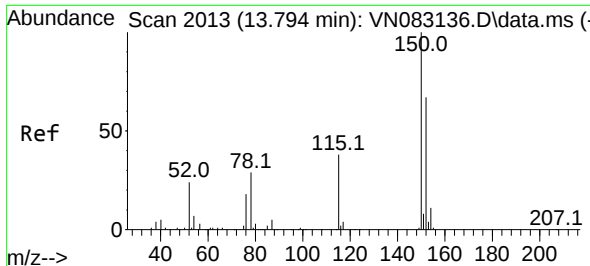
Tgt Ion:117 Resp: 284980
Ion Ratio Lower Upper
117 100
82 59.2 47.5 71.3
119 29.8 25.6 38.4



#71
Bromoform
Concen: 0.323 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. 0.265 min
Lab File: VN083448.D
Acq: 23 Aug 2024 09:51

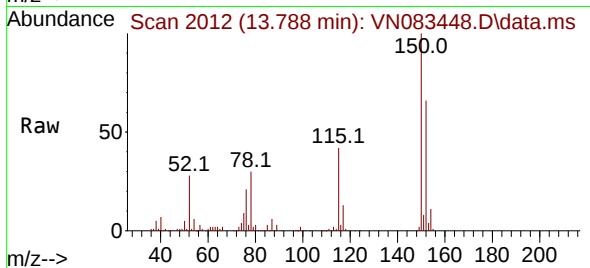
Tgt Ion:173 Resp: 543
Ion Ratio Lower Upper
173 100
175 0.0 24.0 72.0#
254 0.0 0.0 0.0



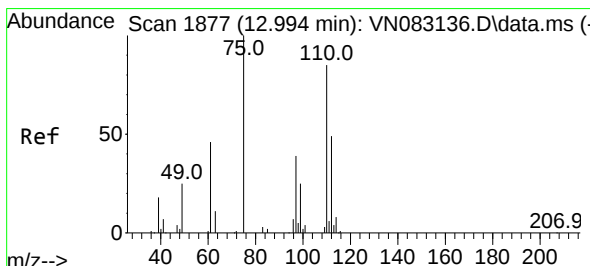
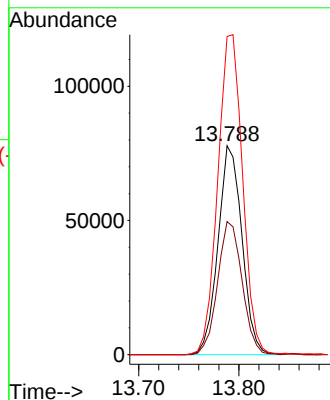
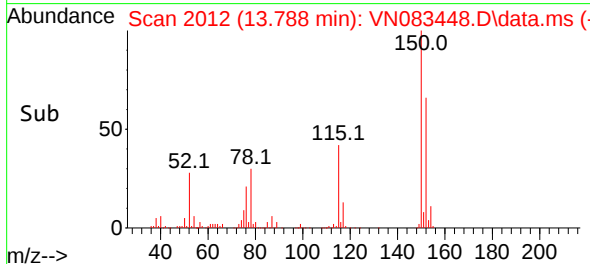


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 20
Delta R.T. -0.006 min
Lab File: VN083448.D
Acq: 23 Aug 2024 09:51

Instrument :
MSVOA_N
ClientSampleId :

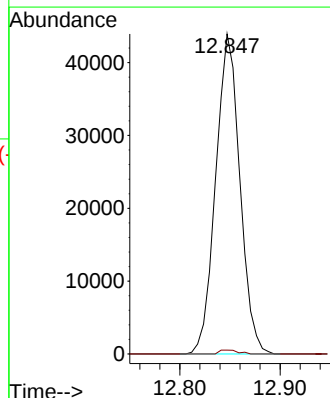
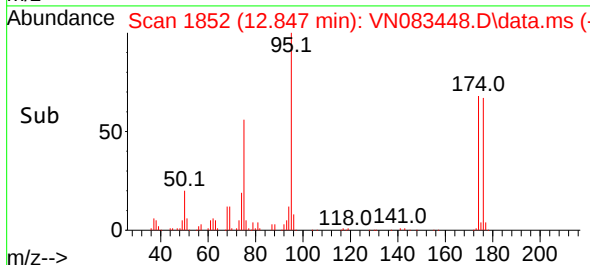
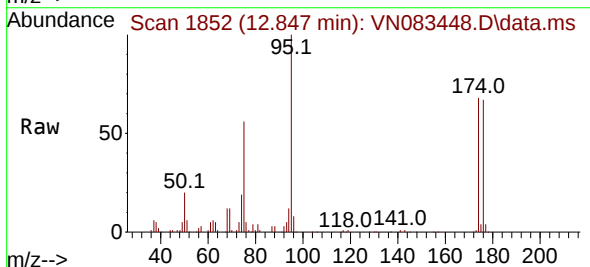


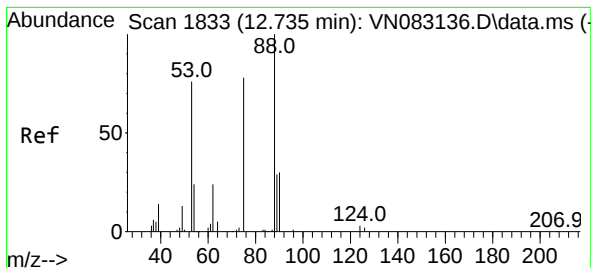
Tgt Ion:152 Resp: 129450
Ion Ratio Lower Upper
152 100
115 64.9 30.6 91.6
150 158.9 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 25.887 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083448.D
Acq: 23 Aug 2024 09:51

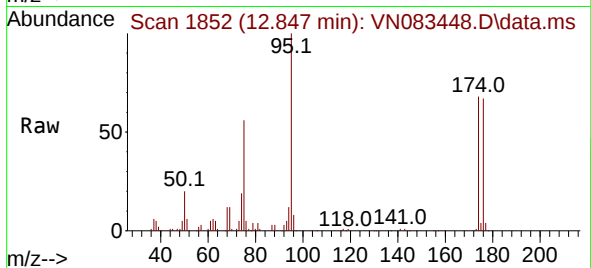
Tgt Ion: 75 Resp: 73548
Ion Ratio Lower Upper
75 100
77 0.9 110.9 332.6#



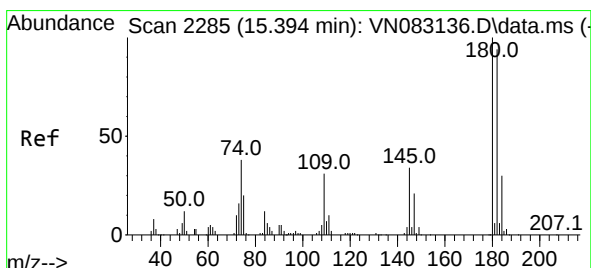
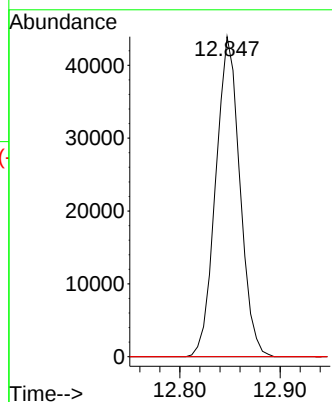
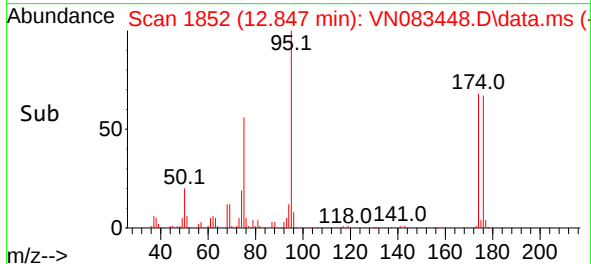


#81
trans-1,4-Dichloro-2-butene
Concen: 56.311 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN083448.D
Acq: 23 Aug 2024 09:51

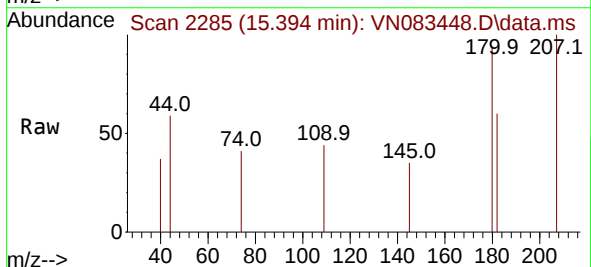
Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 73548
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#



#93
1,2,4-Trichlorobenzene
Concen: 0.221 ug/l
RT: 15.394 min Scan# 2285
Delta R.T. 0.000 min
Lab File: VN083448.D
Acq: 23 Aug 2024 09:51



Tgt Ion: 180 Resp: 543
Ion Ratio Lower Upper
180 100
182 91.0 47.3 141.8
145 9.9 15.7 47.1#

