

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082224\
 Data File : VN083441.D
 Acq On : 22 Aug 2024 17:21
 Operator : JC\MD
 Sample : P3656-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 23 01:42:40 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	130917	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	271657	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	293419	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	134161	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	107804	57.852	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 115.700%	
35) Dibromofluoromethane	8.165	113	84796	50.009	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.020%	
50) Toluene-d8	10.565	98	302691	47.856	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 95.720%	
62) 4-Bromofluorobenzene	12.847	95	137332	55.693	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 111.380%	

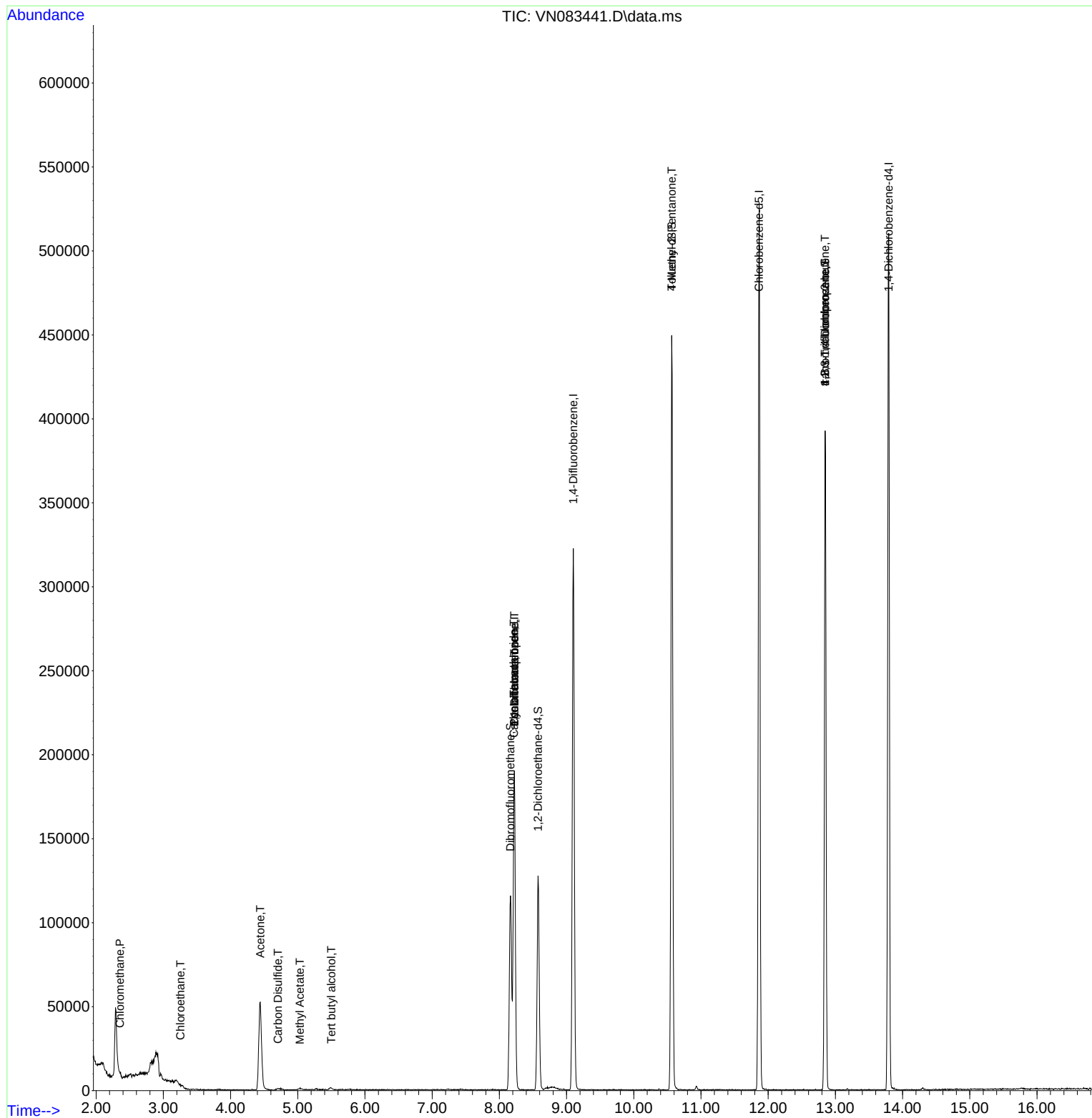
Target Compounds			Qvalue			
3) Chloromethane	2.353	50	709	0.466	ug/l #	43
6) Chloroethane	3.253	64	259	0.267	ug/l #	41
11) Tert butyl alcohol	5.500	59	1180	3.047	ug/l #	71
16) Acetone	4.441	43	2251	3.087	ug/l #	85
17) Carbon Disulfide	4.706	76	1706	0.402	ug/l #	75
18) Methyl Acetate	5.030	43	1286	0.592	ug/l #	76
31) Cyclohexane	8.224	56	3478	1.259	ug/l #	4
36) 1,1-Dichloropropene	8.224	75	12239	4.772	ug/l #	45
38) Carbon Tetrachloride	8.218	117	15217	5.267	ug/l #	16
43) Isopropyl Acetate	8.688	43	641	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.565	43	1571	0.578	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	76567	26.003	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	76567	56.564	ug/l #	6

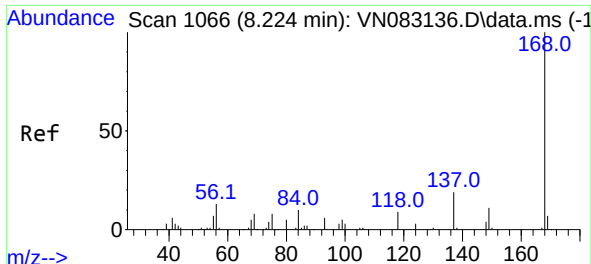
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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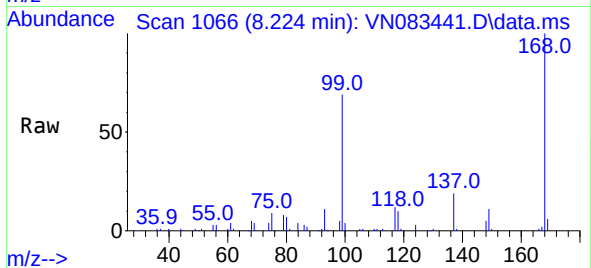
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:30:41 2024
Response via : Initial Calibration



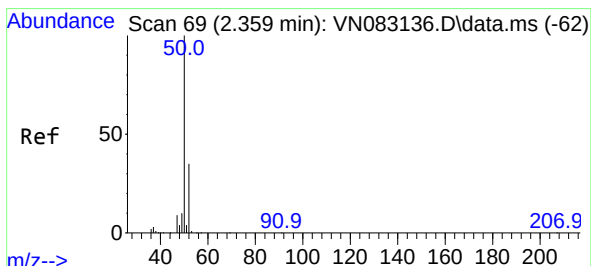
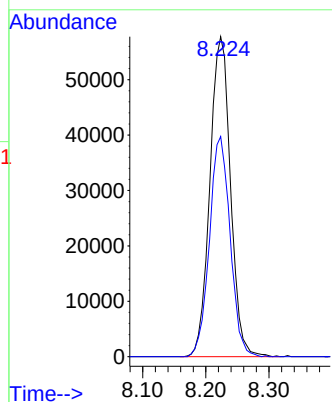
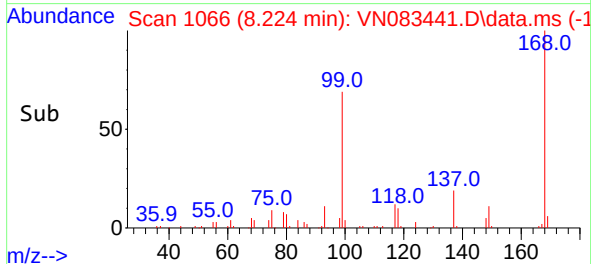


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN083441.D
Acq: 22 Aug 2024 17:21

Instrument :
MSVOA_N
ClientSampleId :

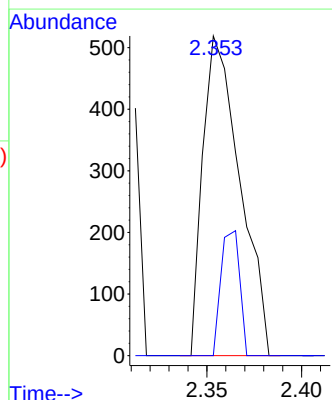
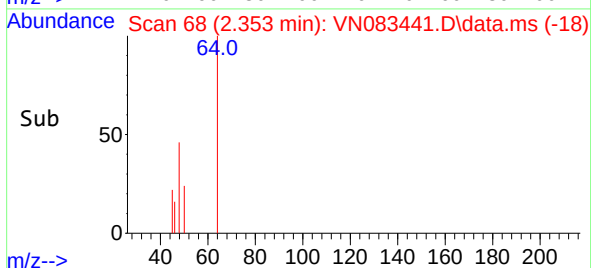
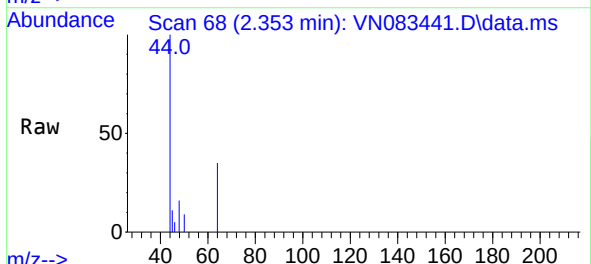


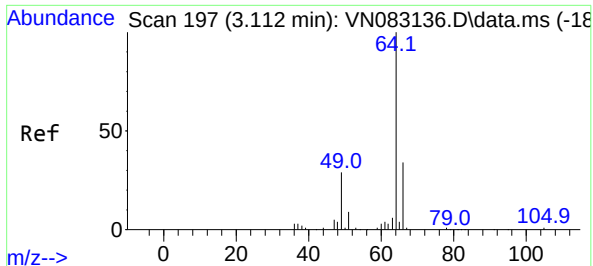
Tgt Ion:168 Resp: 130917
Ion Ratio Lower Upper
168 100
99 68.8 48.2 72.4



#3
Chloromethane
Concen: 0.466 ug/l
RT: 2.353 min Scan# 68
Delta R.T. -0.006 min
Lab File: VN083441.D
Acq: 22 Aug 2024 17:21

Tgt Ion: 50 Resp: 709
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#

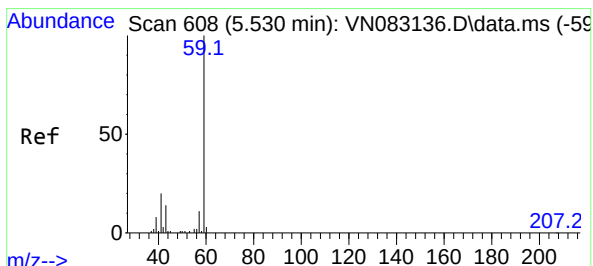
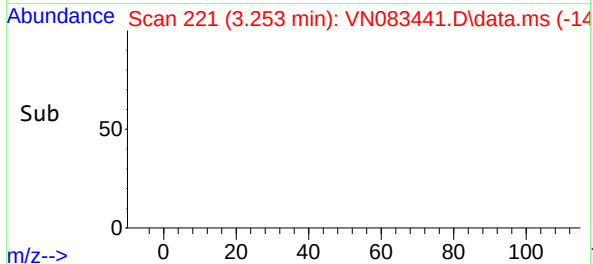
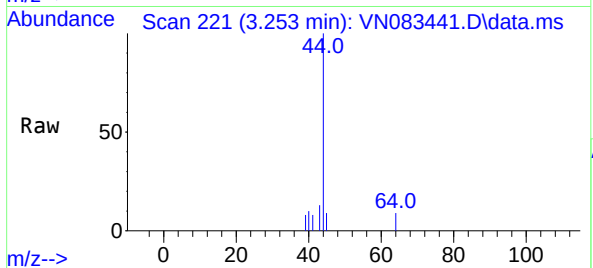




#6
Chloroethane
Concen: 0.267 ug/l
RT: 3.253 min Scan# 21
Delta R.T. 0.141 min
Lab File: VN083441.D
Acq: 22 Aug 2024 17:21

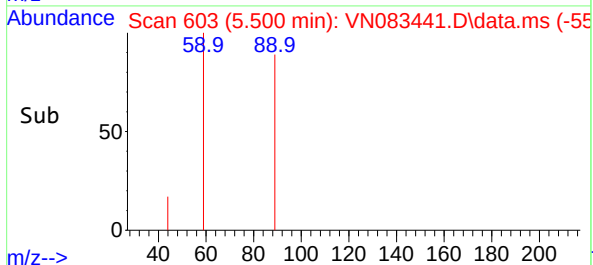
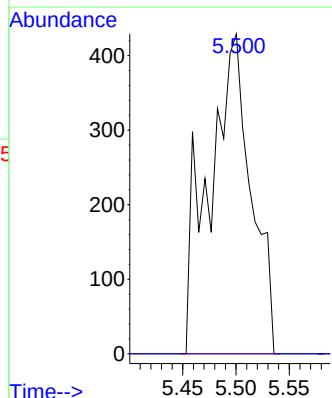
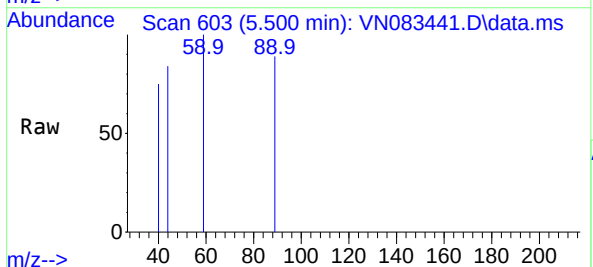
Instrument :
MSVOA_N
ClientSampleId :

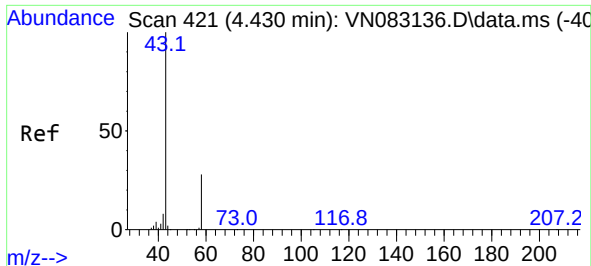
Tgt Ion: 64 Resp: 259
Ion Ratio Lower Upper
64 100
66 0.0 26.6 40.0#



#11
Tert butyl alcohol
Concen: 3.047 ug/l
RT: 5.500 min Scan# 603
Delta R.T. -0.030 min
Lab File: VN083441.D
Acq: 22 Aug 2024 17:21

Tgt Ion: 59 Resp: 1180
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#

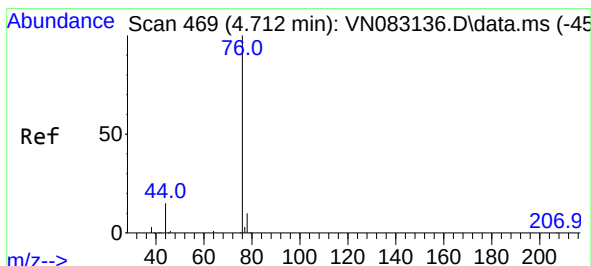
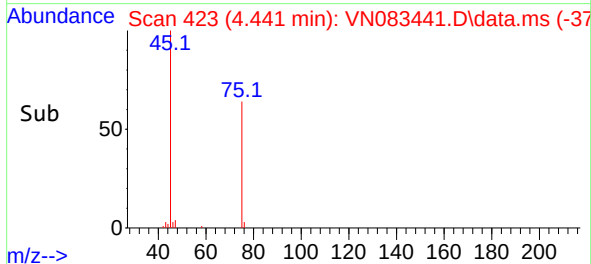
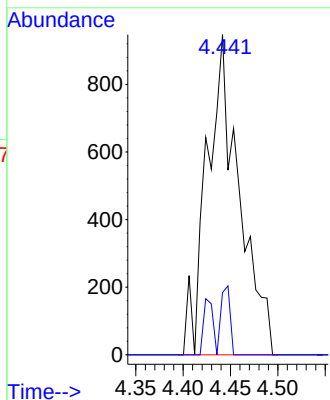
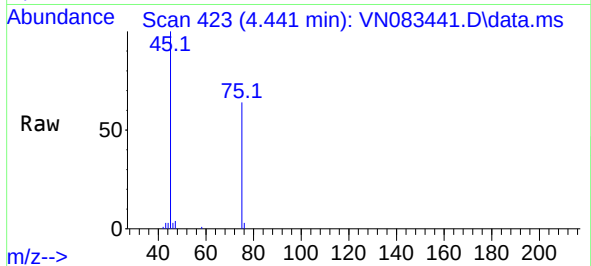




#16
Acetone
Concen: 3.087 ug/l
RT: 4.441 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN083441.D
Acq: 22 Aug 2024 17:21

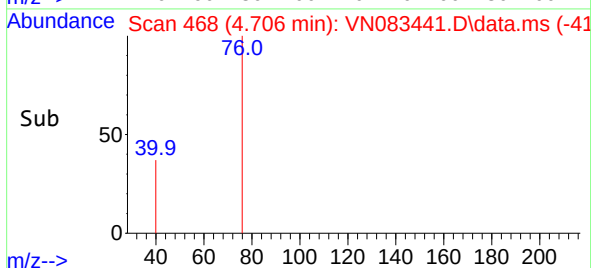
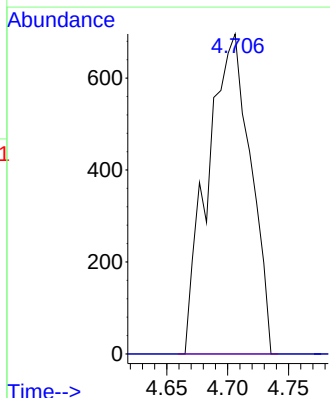
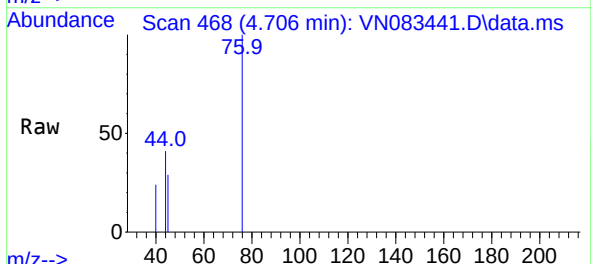
Instrument :
MSVOA_N
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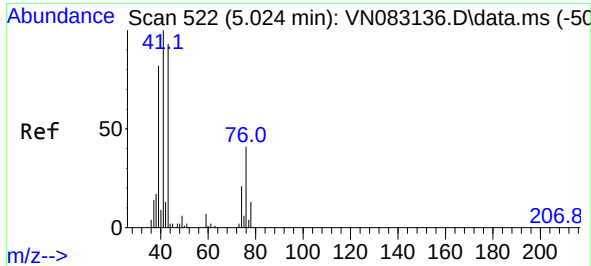
Tgt Ion: 43 Resp: 2251
Ion Ratio Lower Upper
43 100
58 19.4 21.8 32.6#



#17
Carbon Disulfide
Concen: 0.402 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.006 min
Lab File: VN083441.D
Acq: 22 Aug 2024 17:21

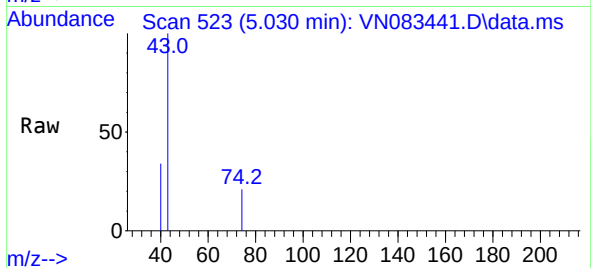
Tgt Ion: 76 Resp: 1706
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



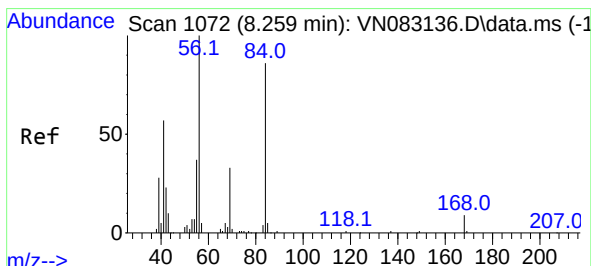
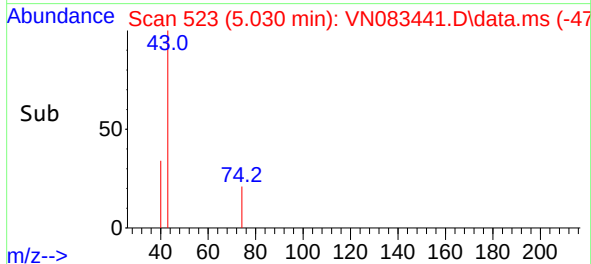
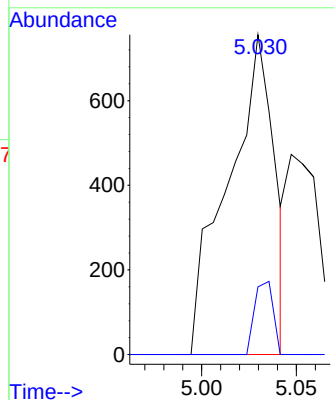


#18
Methyl Acetate
Concen: 0.592 ug/l
RT: 5.030 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN083441.D
Acq: 22 Aug 2024 17:21

Instrument :
MSVOA_N
ClientSampleId :

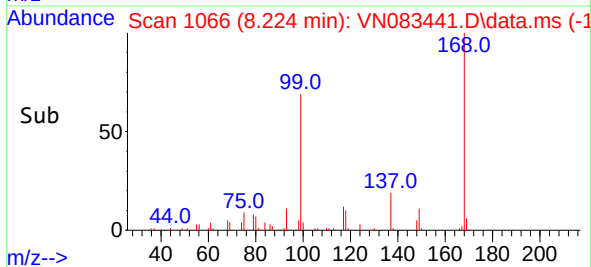
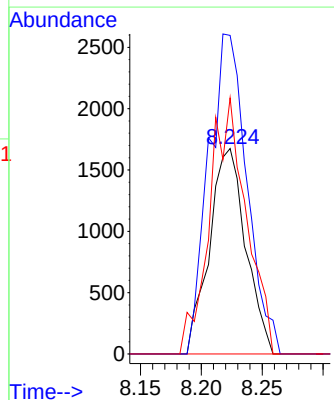
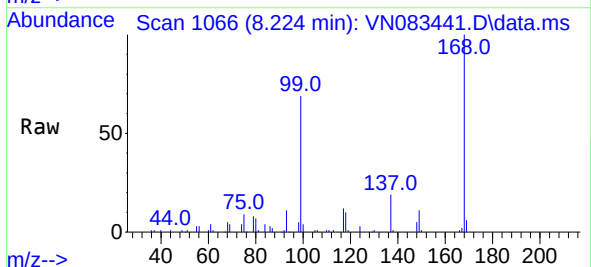


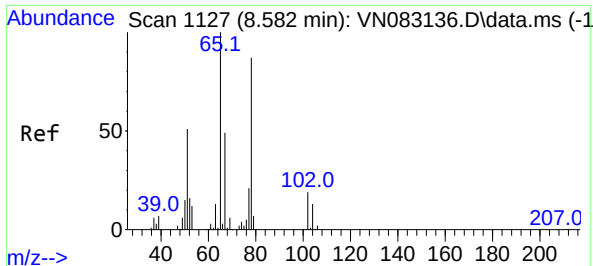
Tgt Ion: 43 Resp: 1286
Ion Ratio Lower Upper
43 100
74 9.2 16.3 24.5#



#31
Cyclohexane
Concen: 1.259 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN083441.D
Acq: 22 Aug 2024 17:21

Tgt Ion: 56 Resp: 3478
Ion Ratio Lower Upper
56 100
69 155.0 24.5 36.7#
84 124.7 66.0 99.0#

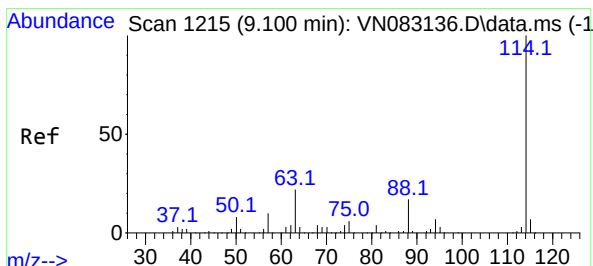
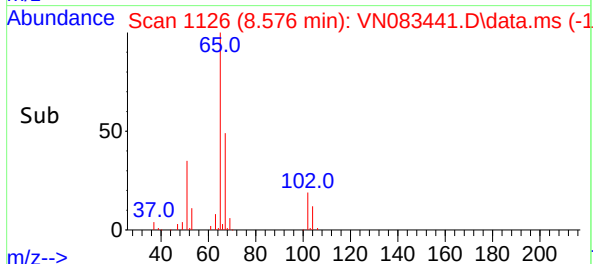
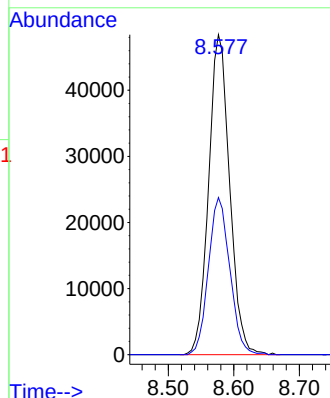
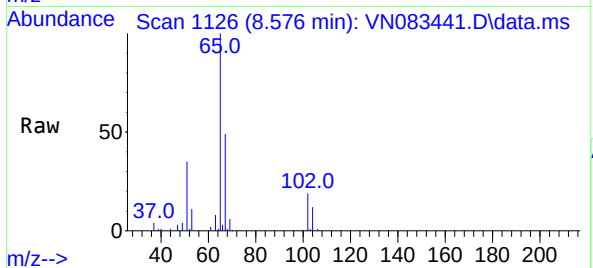




#33
1,2-Dichloroethane-d4
Concen: 57.852 ug/l
RT: 8.576 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VN083441.D
Acq: 22 Aug 2024 17:21

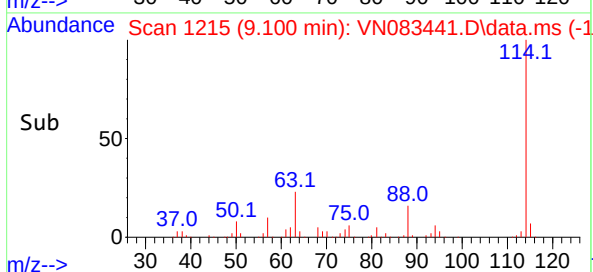
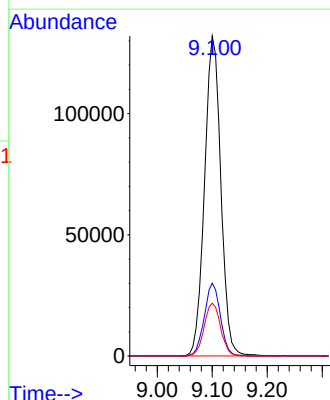
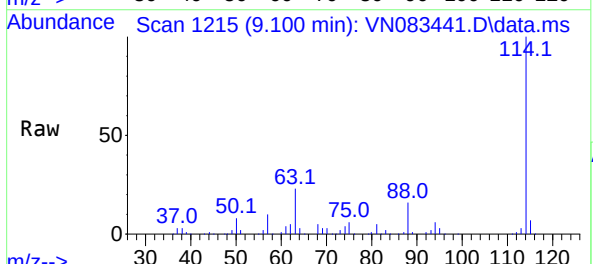
Instrument :
MSVOA_N
ClientSampleId :

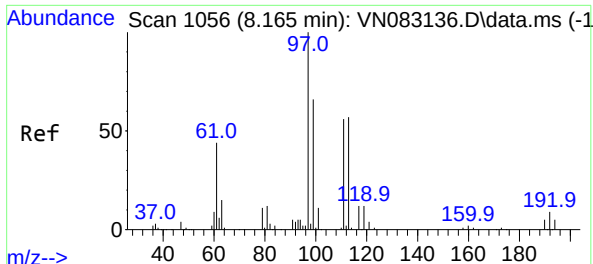
Tgt Ion: 65 Resp: 107804
Ion Ratio Lower Upper
65 100
67 50.0 0.0 104.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN083441.D
Acq: 22 Aug 2024 17:21

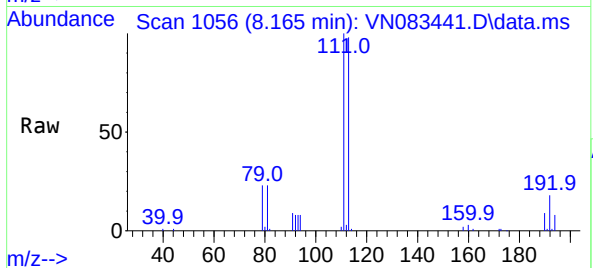
Tgt Ion: 114 Resp: 271657
Ion Ratio Lower Upper
114 100
63 22.8 0.0 44.6
88 16.5 0.0 31.4



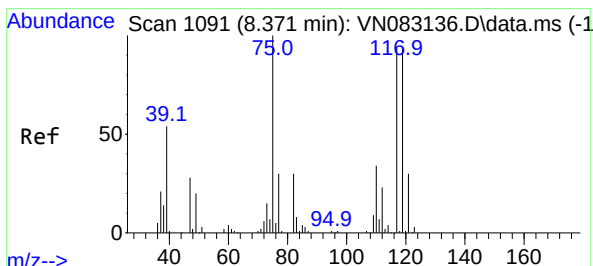
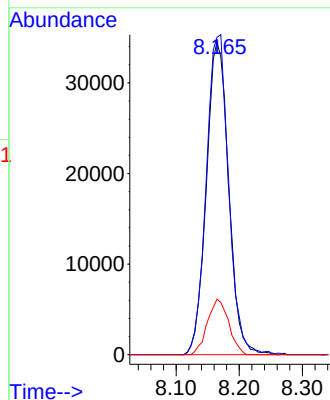
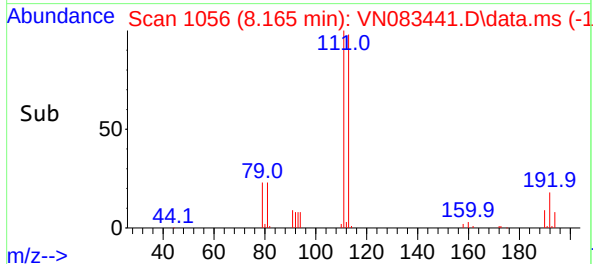


#35
Dibromofluoromethane
Concen: 50.009 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083441.D
Acq: 22 Aug 2024 17:21

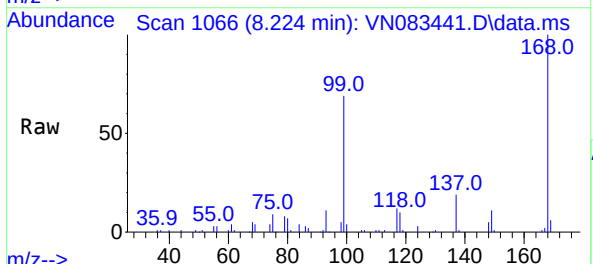
Instrument :
MSVOA_N
ClientSampleId :



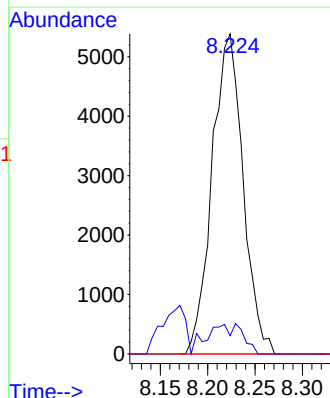
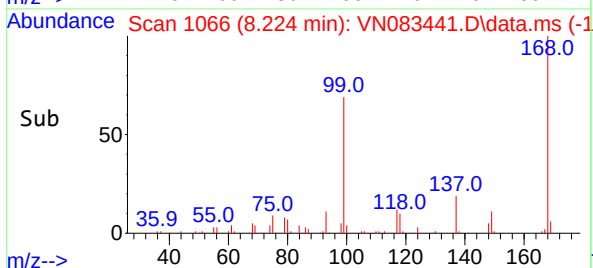
Tgt Ion:113 Resp: 84796
Ion Ratio Lower Upper
113 100
111 102.6 82.4 123.6
192 16.9 14.9 22.3

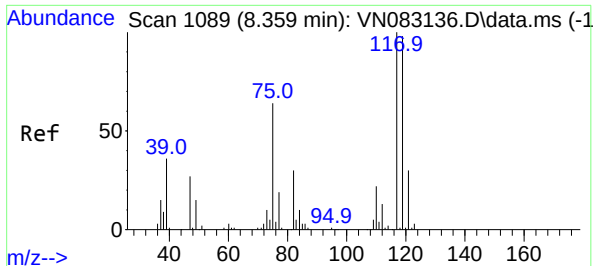


#36
1,1-Dichloropropene
Concen: 4.772 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN083441.D
Acq: 22 Aug 2024 17:21



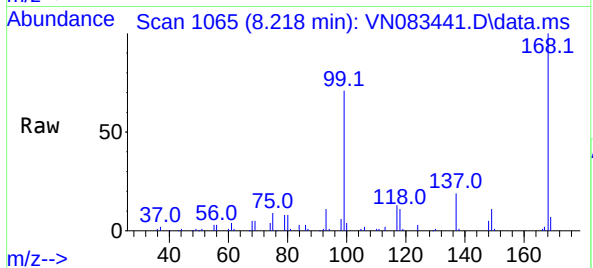
Tgt Ion: 75 Resp: 12239
Ion Ratio Lower Upper
75 100
110 2.6 16.3 48.9#
77 0.0 24.6 37.0#



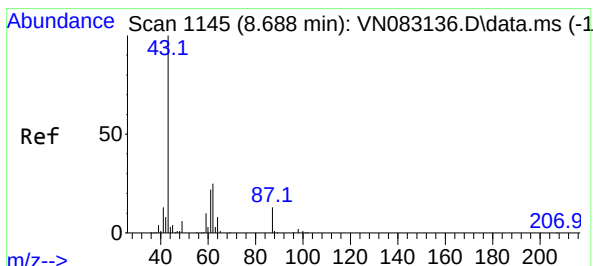
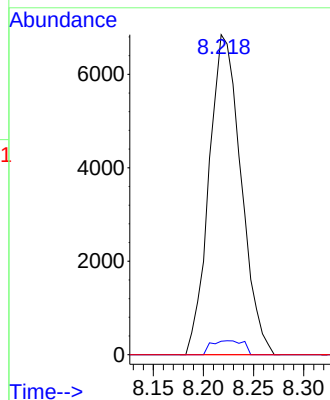
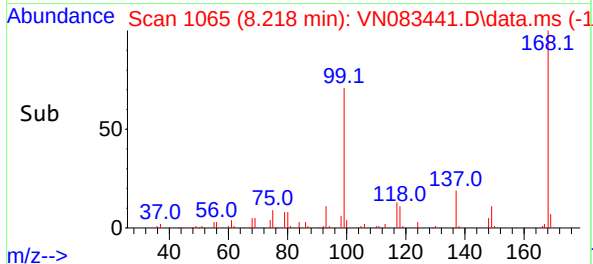


#38
Carbon Tetrachloride
Concen: 5.267 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.141 min
Lab File: VN083441.D
Acq: 22 Aug 2024 17:21

Instrument :
MSVOA_N
ClientSampleId :

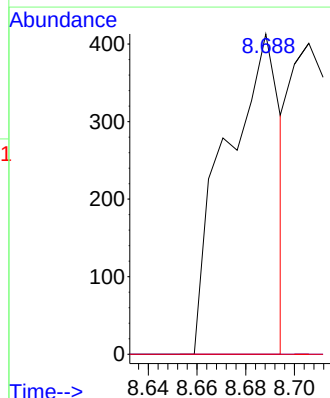
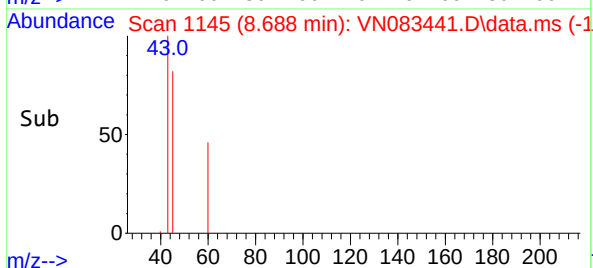
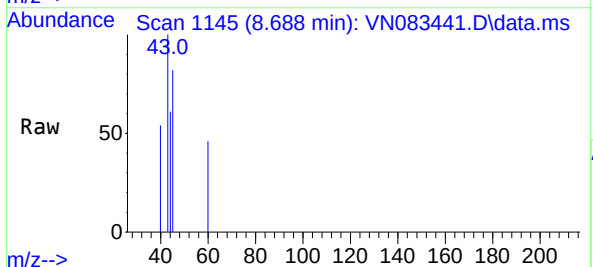


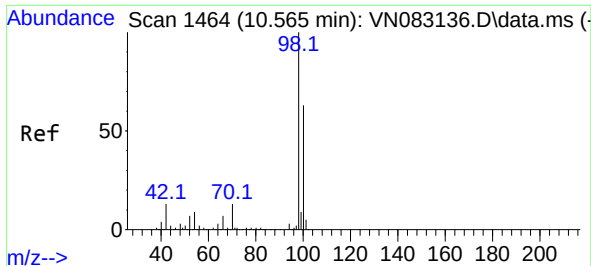
Tgt Ion:117 Resp: 15217
Ion Ratio Lower Upper
117 100
119 4.2 74.9 112.3#
121 0.0 24.3 36.5#



#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083441.D
Acq: 22 Aug 2024 17:21

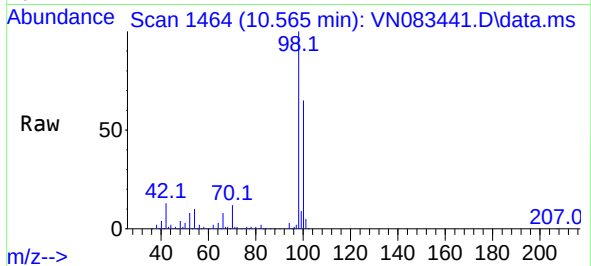
Tgt Ion: 43 Resp: 641
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#



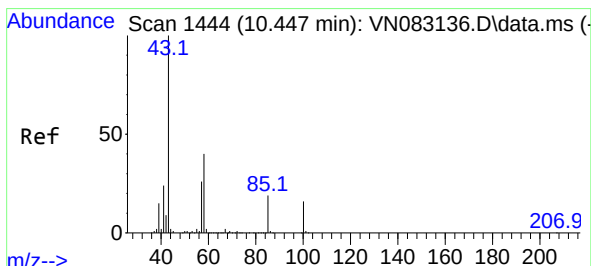
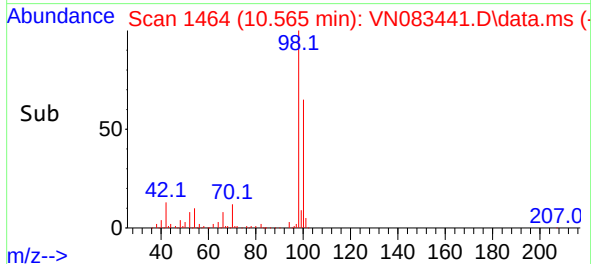
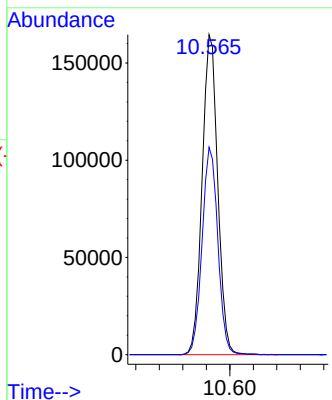


#50
Toluene-d8
Concen: 47.856 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083441.D
Acq: 22 Aug 2024 17:21

Instrument :
MSVOA_N
ClientSampleId :

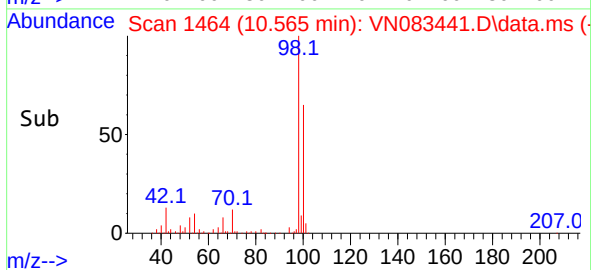
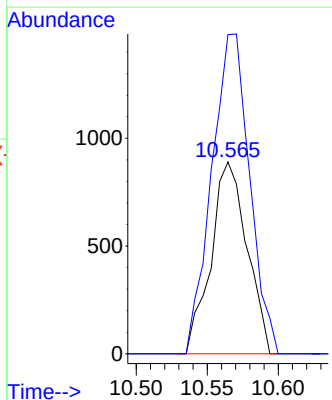
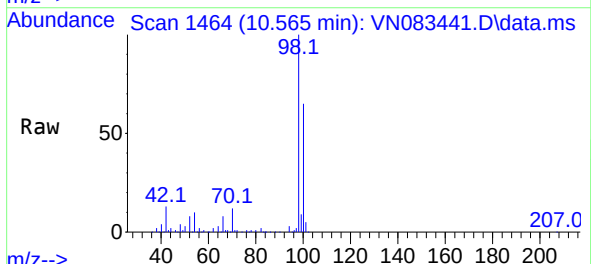


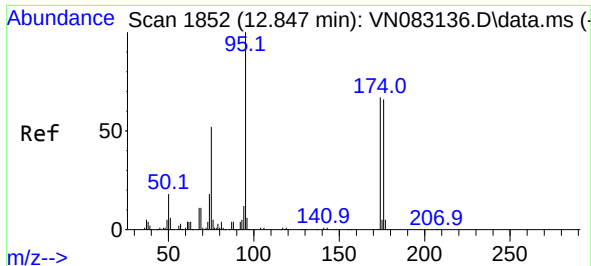
Tgt Ion: 98 Resp: 302691
Ion Ratio Lower Upper
98 100
100 65.4 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.578 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.118 min
Lab File: VN083441.D
Acq: 22 Aug 2024 17:21

Tgt Ion: 43 Resp: 1571
Ion Ratio Lower Upper
43 100
58 175.4 28.2 42.4#

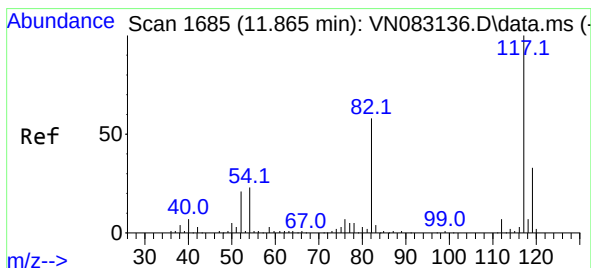
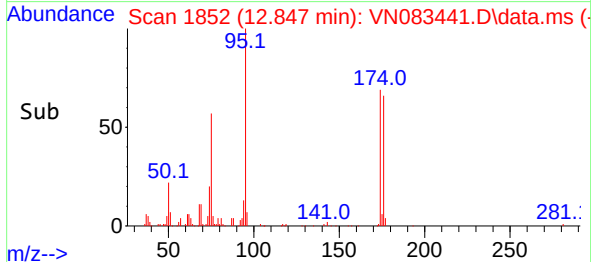
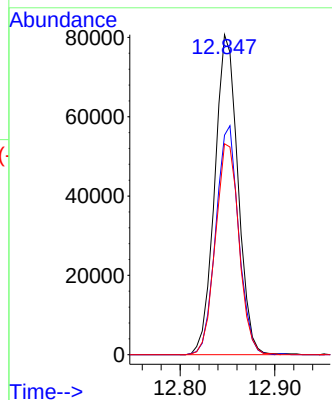
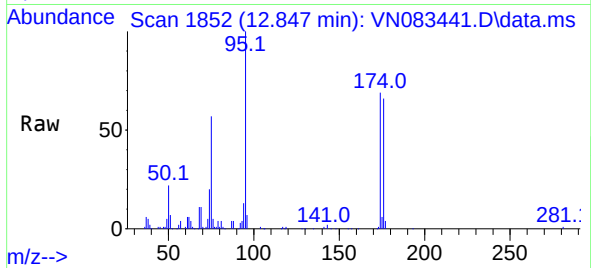




#62
4-Bromofluorobenzene
Concen: 55.693 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083441.D
Acq: 22 Aug 2024 17:21

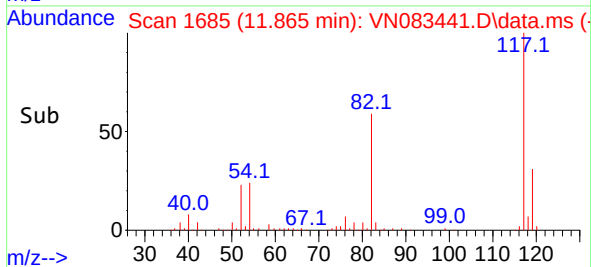
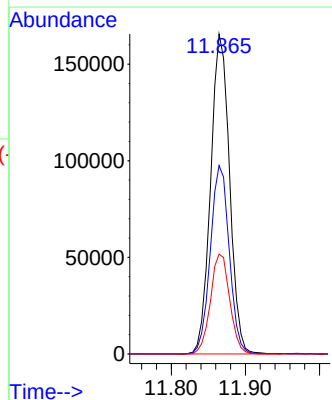
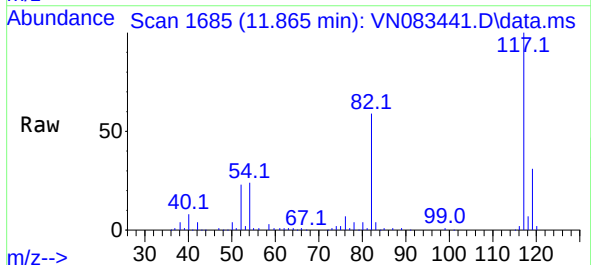
Instrument :
MSVOA_N
ClientSampleId :

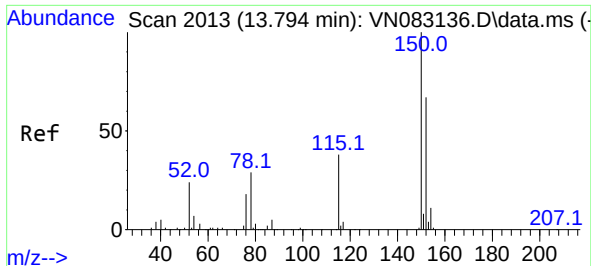
Tgt Ion: 95 Resp: 137332
Ion Ratio Lower Upper
95 100
174 70.3 0.0 159.2
176 66.8 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083441.D
Acq: 22 Aug 2024 17:21

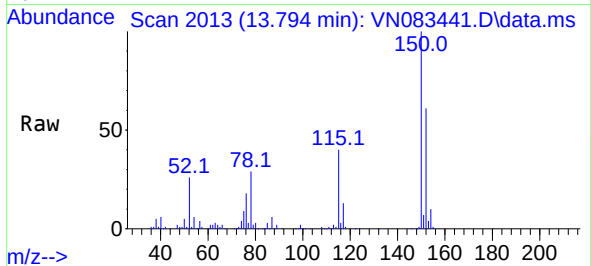
Tgt Ion: 117 Resp: 293419
Ion Ratio Lower Upper
117 100
82 58.9 47.5 71.3
119 31.2 25.6 38.4



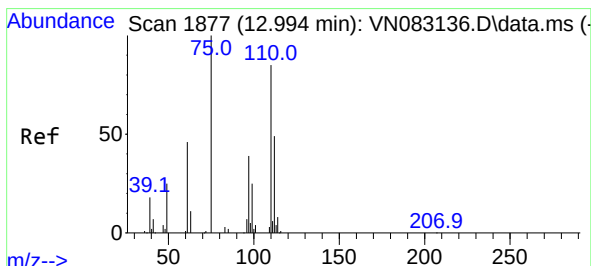
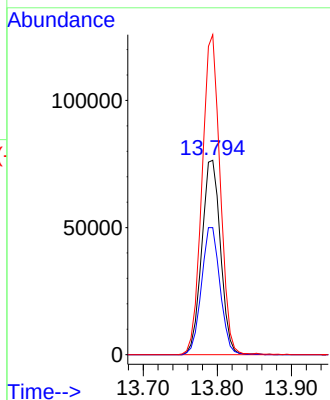
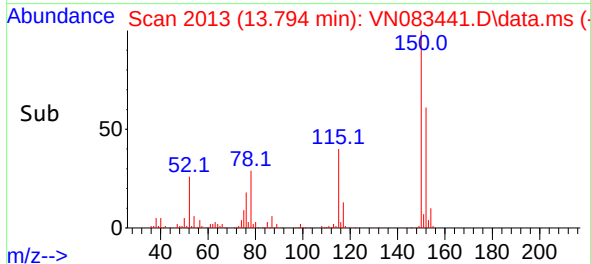


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN083441.D
Acq: 22 Aug 2024 17:21

Instrument :
MSVOA_N
ClientSampleId :

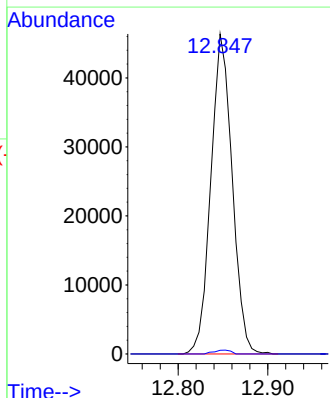
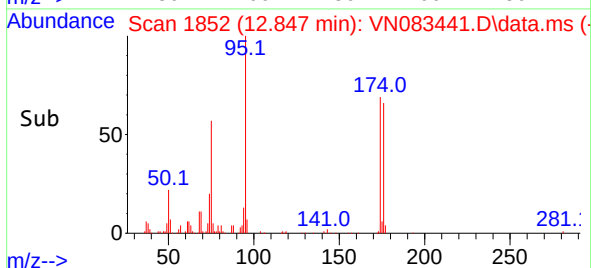
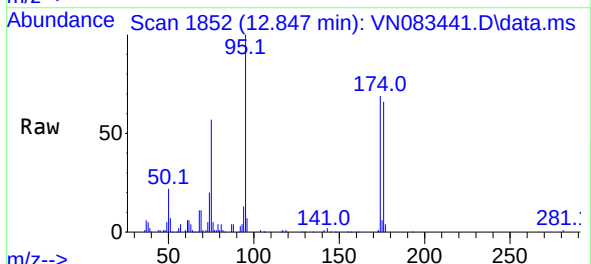


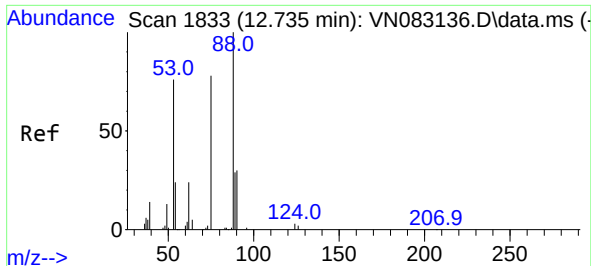
Tgt Ion:152 Resp: 134161
Ion Ratio Lower Upper
152 100
115 65.1 30.6 91.6
150 159.4 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 26.003 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083441.D
Acq: 22 Aug 2024 17:21

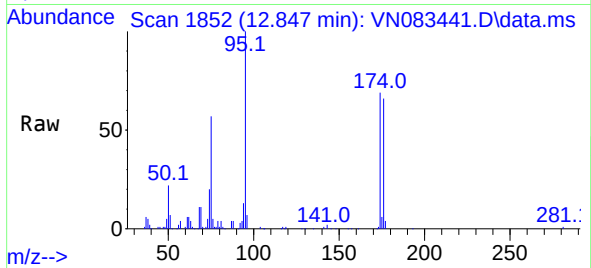
Tgt Ion: 75 Resp: 76567
Ion Ratio Lower Upper
75 100
77 1.0 110.9 332.6#





#81
trans-1,4-Dichloro-2-butene
Concen: 56.564 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN083441.D
Acq: 22 Aug 2024 17:21

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 76567
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#

