

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080824\
 Data File : VN083146.D
 Acq On : 08 Aug 2024 11:11
 Operator : JC\MD
 Sample : VN0808WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 08 13:32:54 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	142718	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	261987	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	261054	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	113951	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	110118	54.207	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.420%	
35) Dibromofluoromethane	8.171	113	88438	54.082	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.160%	
50) Toluene-d8	10.565	98	336424	55.152	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 110.300%	
62) 4-Bromofluorobenzene	12.847	95	138755	58.347	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 116.700%	

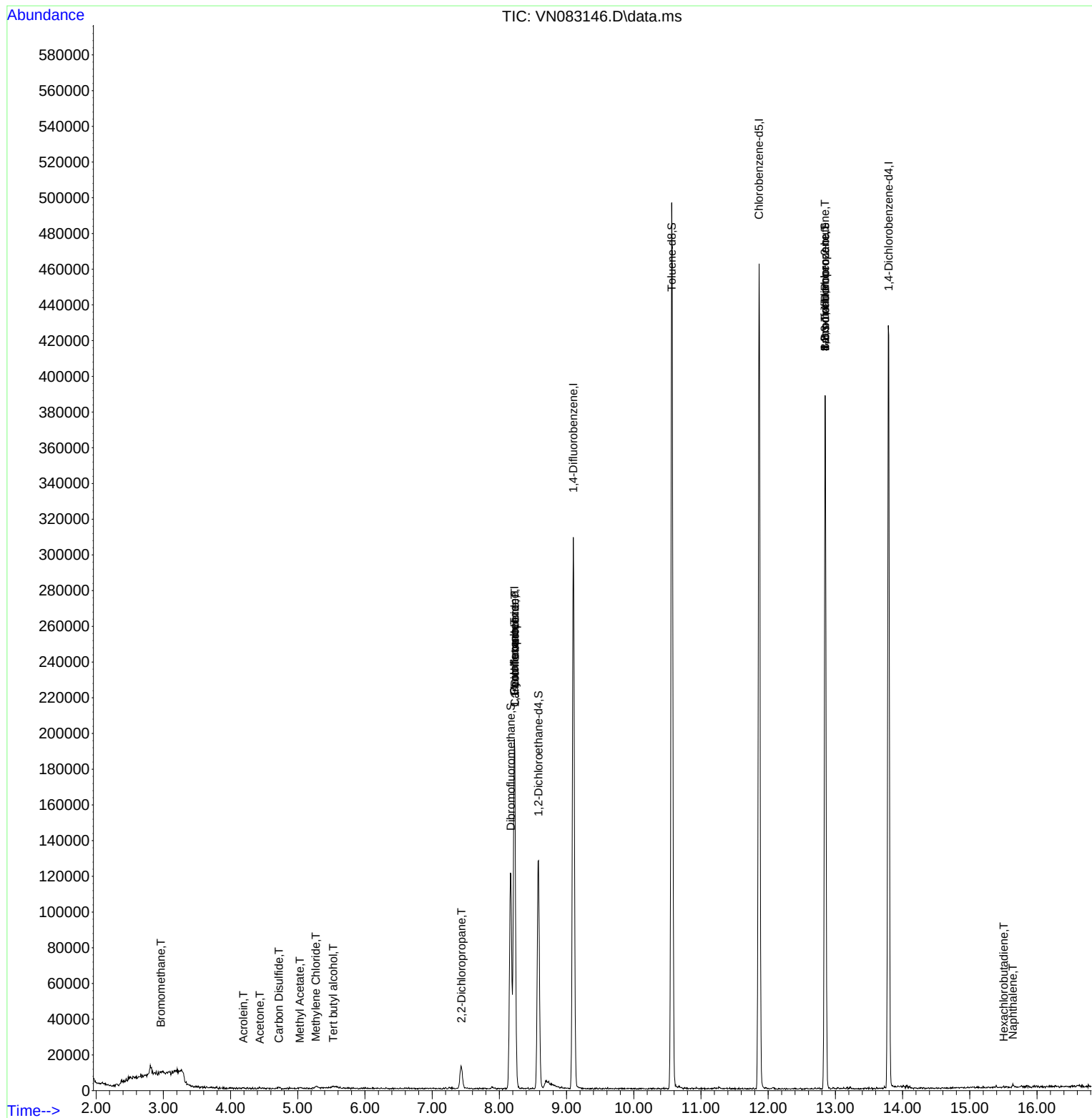
Target Compounds			Qvalue			
5) Bromomethane	2.965	94	448	0.427	ug/l	95
11) Tert butyl alcohol	5.530	59	771	1.826	ug/l #	71
13) Acrolein	4.189	56	465	1.690	ug/l #	66
16) Acetone	4.436	43	1325	1.667	ug/l #	48
17) Carbon Disulfide	4.718	76	1964	0.424	ug/l #	75
18) Methyl Acetate	5.030	43	665	0.281	ug/l #	56
20) Methylene Chloride	5.271	84	856	0.468	ug/l #	53
26) 2,2-Dichloropropane	7.436	77	876	0.308	ug/l #	56
31) Cyclohexane	8.224	56	3241	1.077	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	11978	4.842	ug/l #	51
38) Carbon Tetrachloride	8.230	117	15030	5.394	ug/l #	16
43) Isopropyl Acetate	8.694	43	3954	Below Cal	#	60
71) Bromoform	12.847	173	491	0.319	ug/l #	29
76) 1,2,3-Trichloropropane	12.847	75	74550	29.809	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	74550	64.841	ug/l #	6
94) Hexachlorobutadiene	15.506	225	199	0.207	ug/l #	20
95) Naphthalene	15.641	128	1663	0.217	ug/l #	69

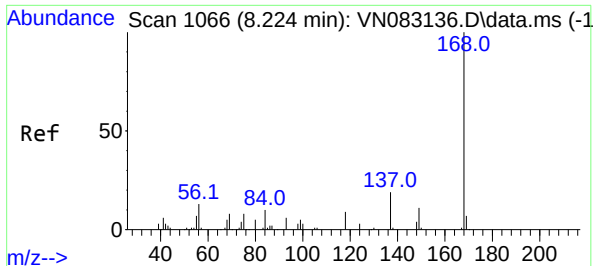
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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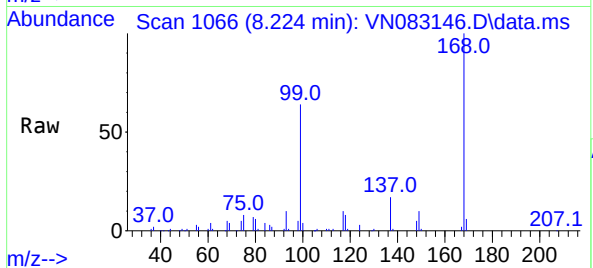
Quant Time: Aug 08 13:32:54 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:30:41 2024
Response via : Initial Calibration



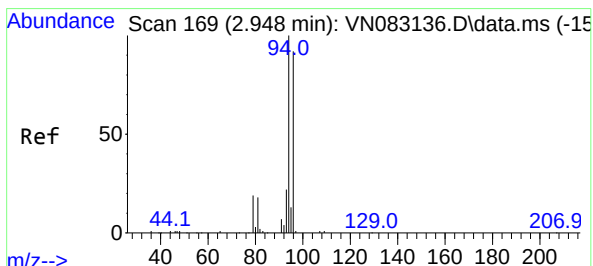
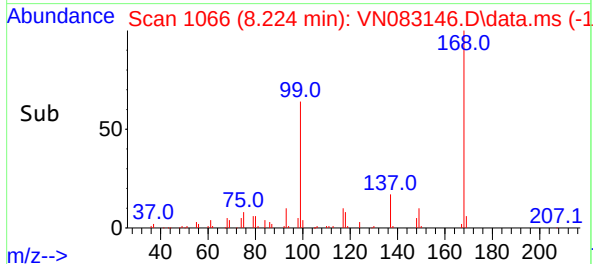
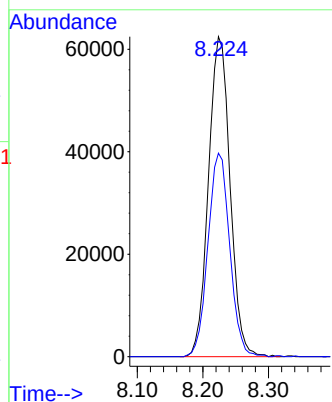


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083146.D
Acq: 08 Aug 2024 11:11

Instrument :
MSVOA_N
ClientSampleId :

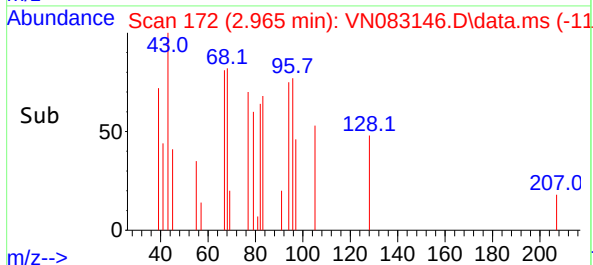
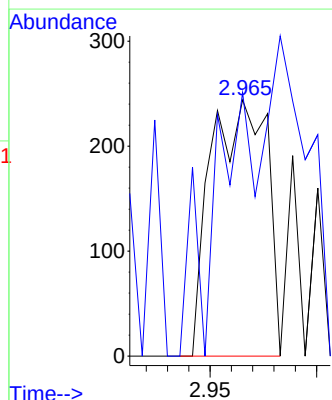
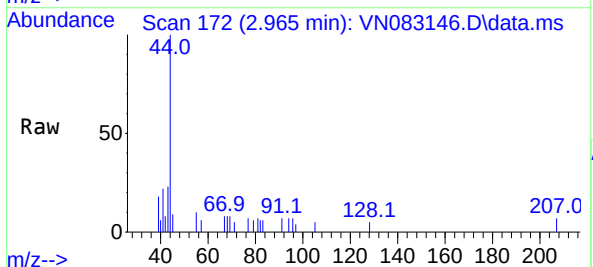


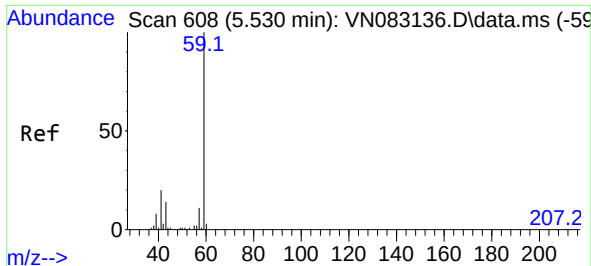
Tgt Ion:168 Resp: 142718
Ion Ratio Lower Upper
168 100
99 63.6 48.2 72.4



#5
Bromomethane
Concen: 0.427 ug/l
RT: 2.965 min Scan# 172
Delta R.T. 0.018 min
Lab File: VN083146.D
Acq: 08 Aug 2024 11:11

Tgt Ion: 94 Resp: 448
Ion Ratio Lower Upper
94 100
96 102.9 78.0 117.0

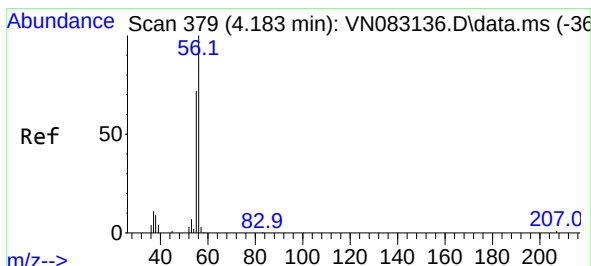
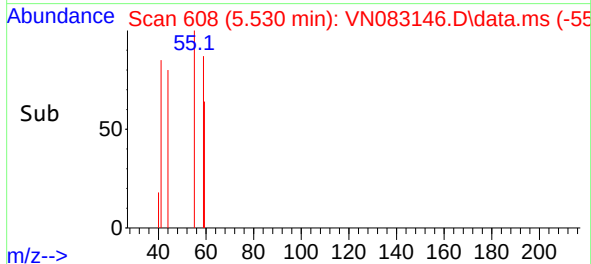
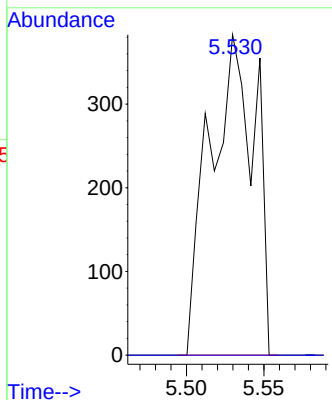
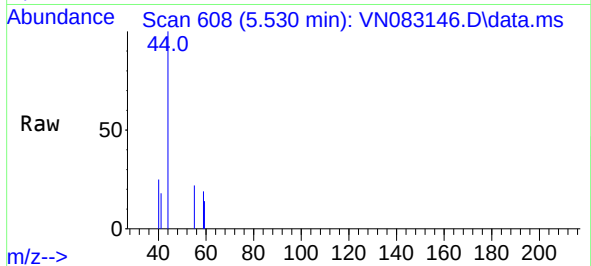




#11
Tert butyl alcohol
Concen: 1.826 ug/l
RT: 5.530 min Scan# 608
Delta R.T. 0.000 min
Lab File: VN083146.D
Acq: 08 Aug 2024 11:11

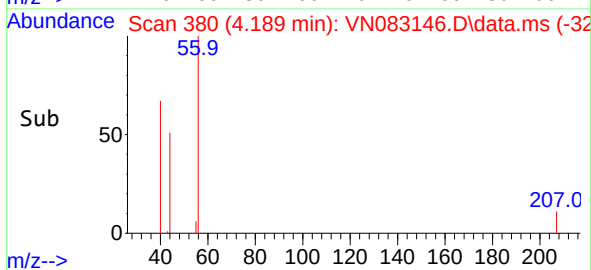
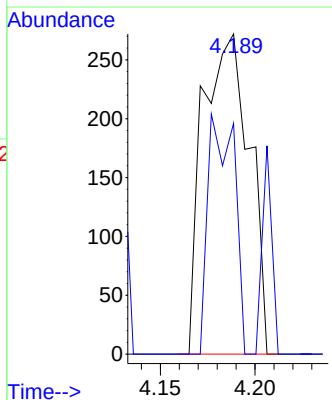
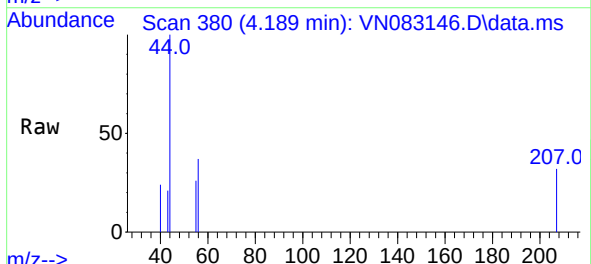
Instrument :
MSVOA_N
ClientSampleId :

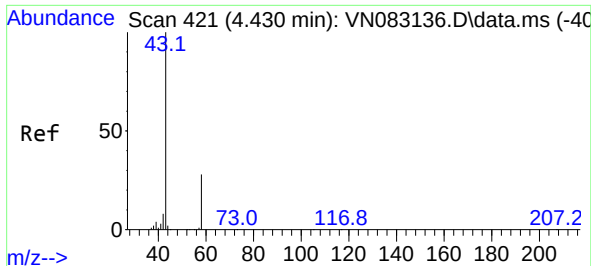
Tgt Ion: 59 Resp: 771
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#



#13
Acrolein
Concen: 1.690 ug/l
RT: 4.189 min Scan# 380
Delta R.T. 0.006 min
Lab File: VN083146.D
Acq: 08 Aug 2024 11:11

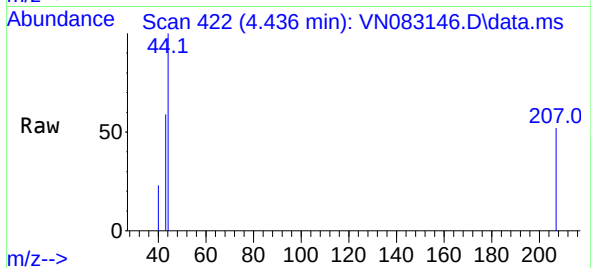
Tgt Ion: 56 Resp: 465
Ion Ratio Lower Upper
56 100
55 42.6 56.4 84.6#



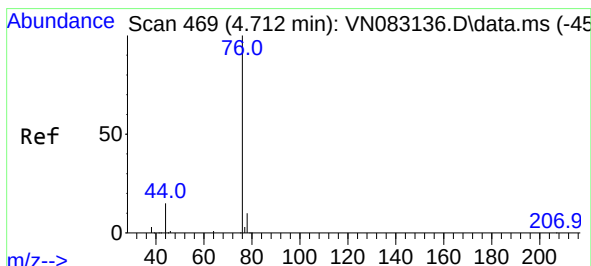
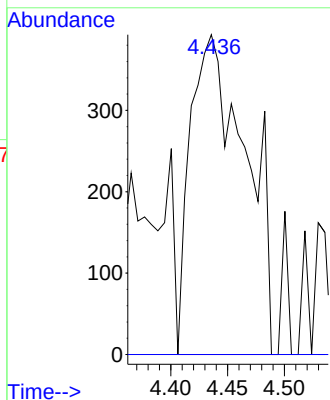
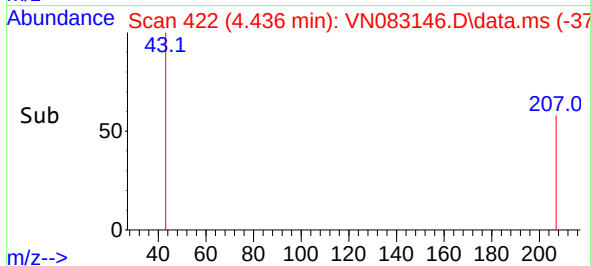


#16
Acetone
Concen: 1.667 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN083146.D
Acq: 08 Aug 2024 11:11

Instrument :
MSVOA_N
ClientSampleId :

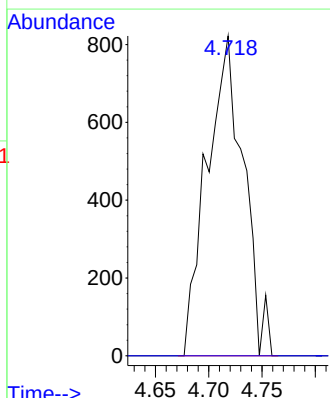
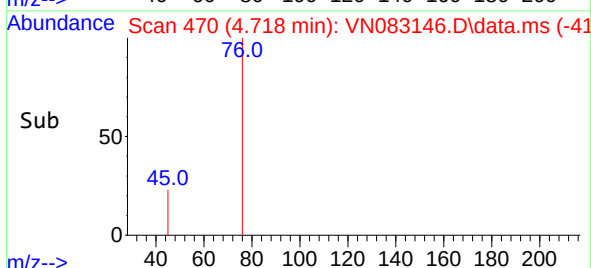
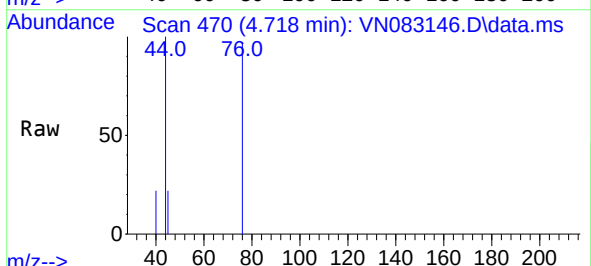


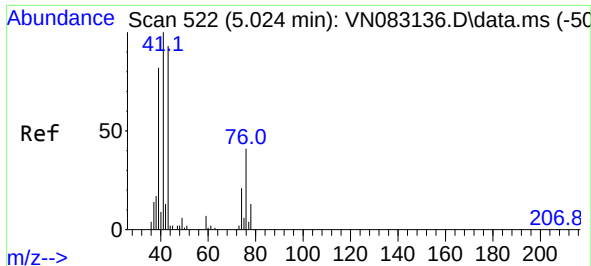
Tgt Ion: 43 Resp: 1325
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#



#17
Carbon Disulfide
Concen: 0.424 ug/l
RT: 4.718 min Scan# 470
Delta R.T. 0.006 min
Lab File: VN083146.D
Acq: 08 Aug 2024 11:11

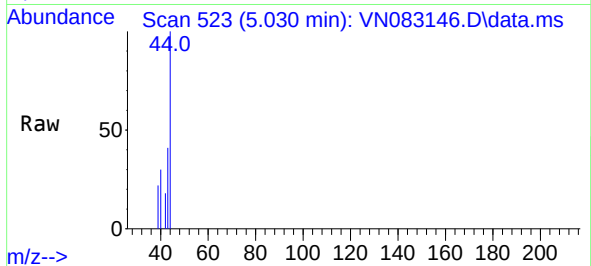
Tgt Ion: 76 Resp: 1964
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



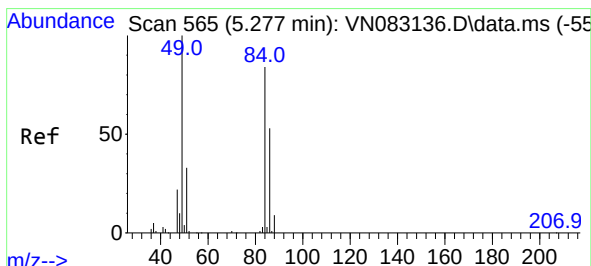
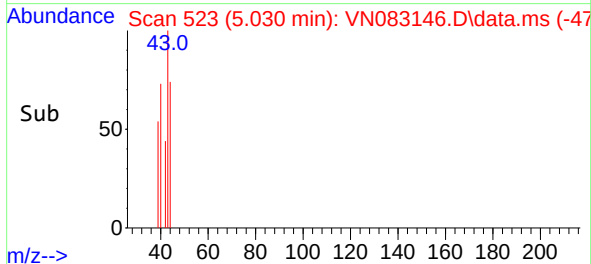
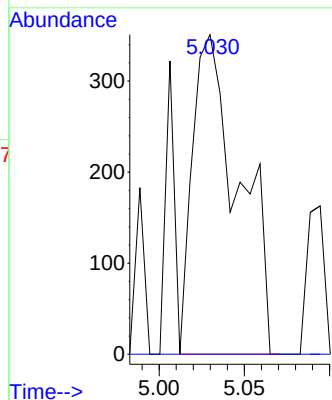


#18
Methyl Acetate
Concen: 0.281 ug/l
RT: 5.030 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN083146.D
Acq: 08 Aug 2024 11:11

Instrument :
MSVOA_N
ClientSampleId :

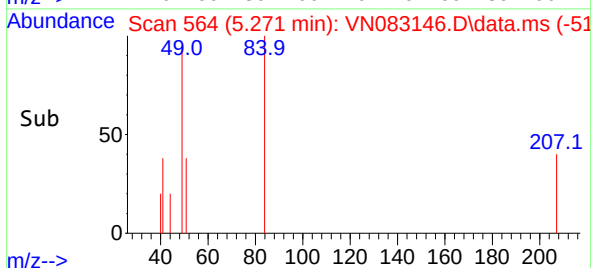
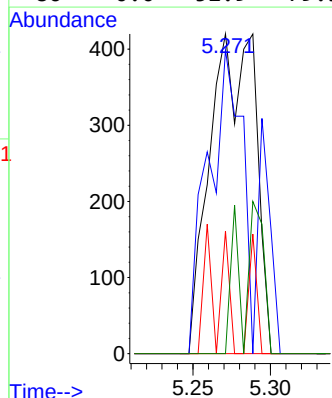
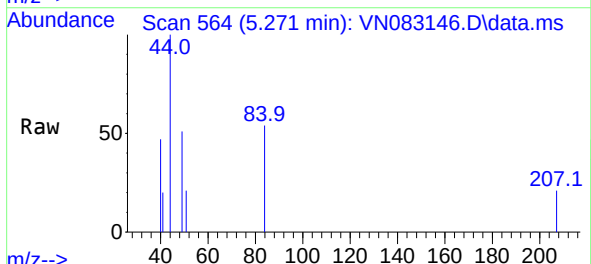


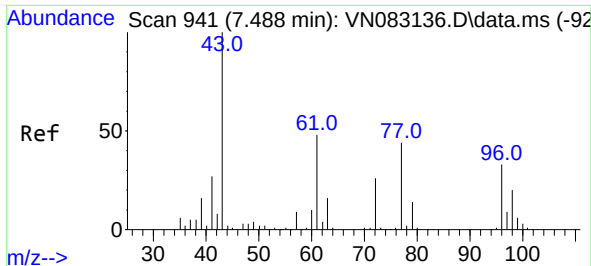
Tgt Ion: 43 Resp: 665
Ion Ratio Lower Upper
43 100
74 0.0 16.3 24.5#



#20
Methylene Chloride
Concen: 0.468 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN083146.D
Acq: 08 Aug 2024 11:11

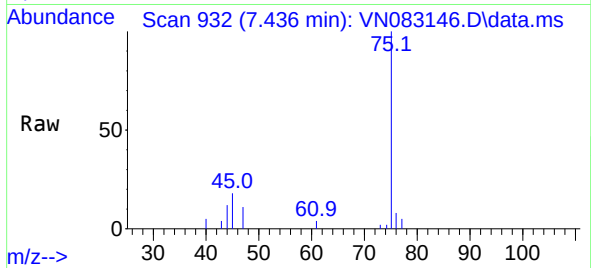
Tgt Ion: 84 Resp: 856
Ion Ratio Lower Upper
84 100
49 95.0 119.6 179.4#
51 38.3 34.8 52.2
86 0.0 52.9 79.3#



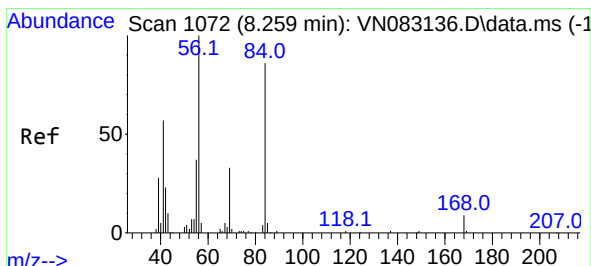
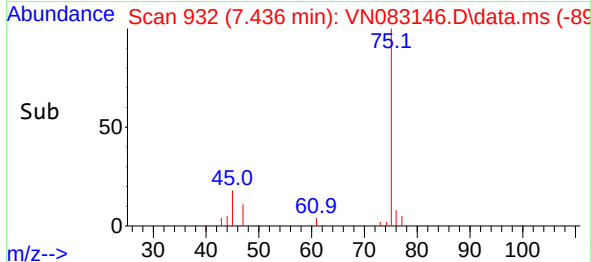
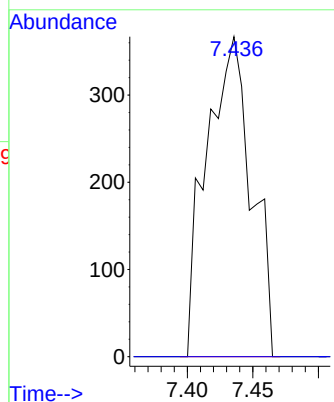


#26
2,2-Dichloropropane
Concen: 0.308 ug/l
RT: 7.436 min Scan# 91
Delta R.T. -0.053 min
Lab File: VN083146.D
Acq: 08 Aug 2024 11:11

Instrument :
MSVOA_N
ClientSampleId :

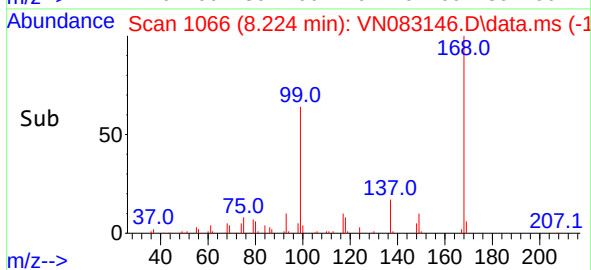
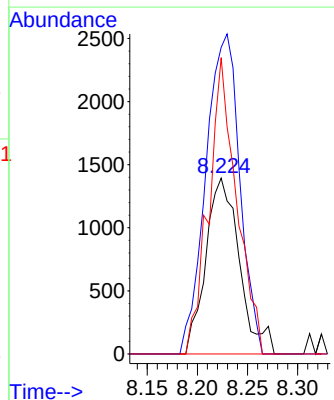
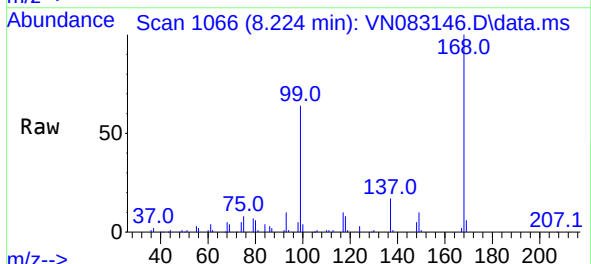


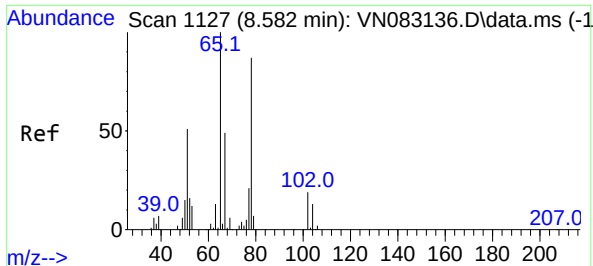
Tgt Ion: 77 Resp: 876
Ion Ratio Lower Upper
77 100
97 0.0 10.3 30.9#



#31
Cyclohexane
Concen: 1.077 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN083146.D
Acq: 08 Aug 2024 11:11

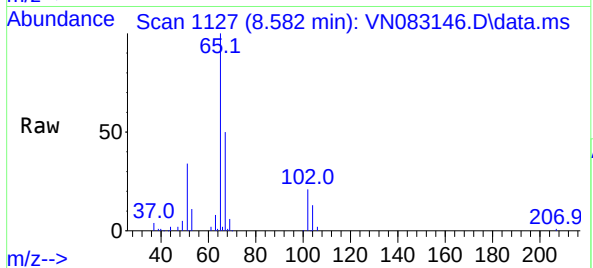
Tgt Ion: 56 Resp: 3241
Ion Ratio Lower Upper
56 100
69 174.4 24.5 36.7#
84 168.6 66.0 99.0#



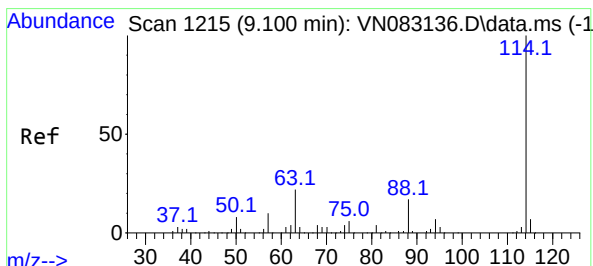
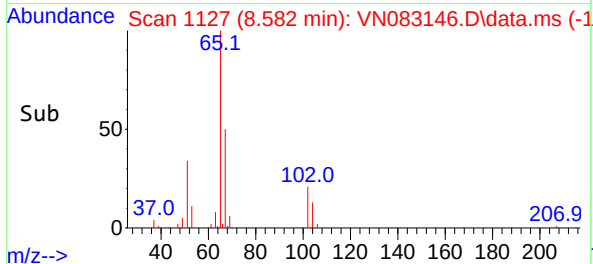
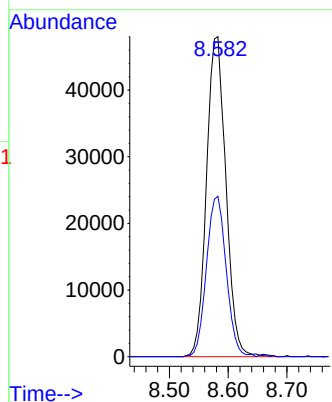


#33
1,2-Dichloroethane-d4
Concen: 54.207 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN083146.D
Acq: 08 Aug 2024 11:11

Instrument :
MSVOA_N
ClientSampleId :

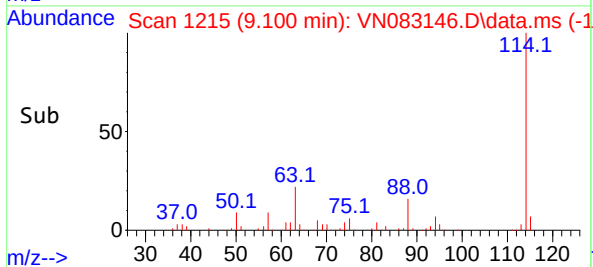
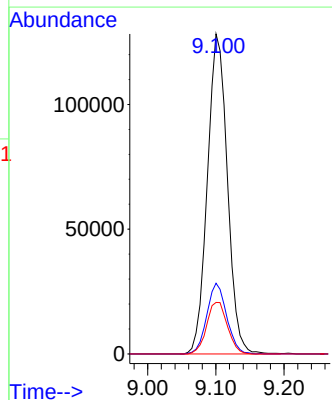
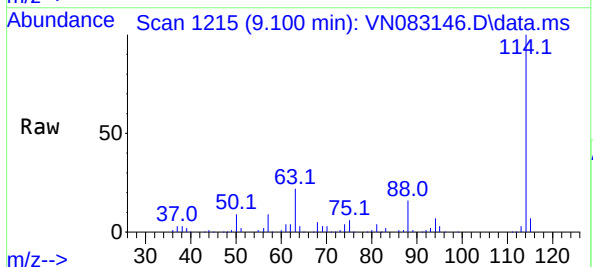


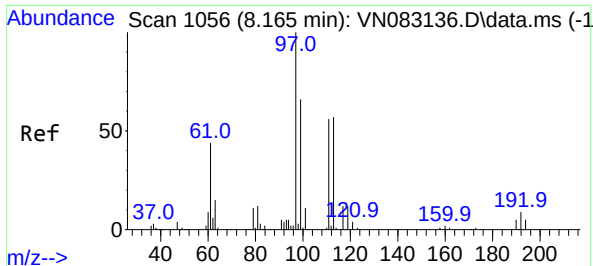
Tgt Ion: 65 Resp: 110118
Ion Ratio Lower Upper
65 100
67 51.0 0.0 104.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN083146.D
Acq: 08 Aug 2024 11:11

Tgt Ion: 114 Resp: 261987
Ion Ratio Lower Upper
114 100
63 22.1 0.0 44.6
88 16.1 0.0 31.4





#35

Dibromofluoromethane

Concen: 54.082 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN083146.D

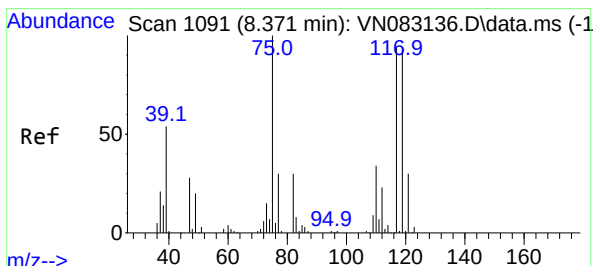
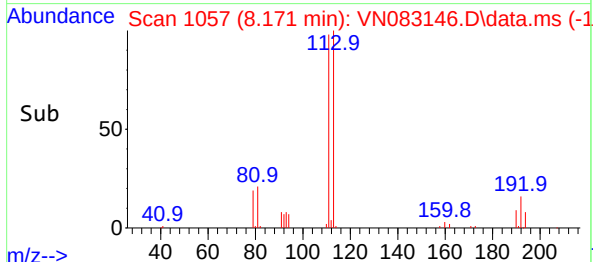
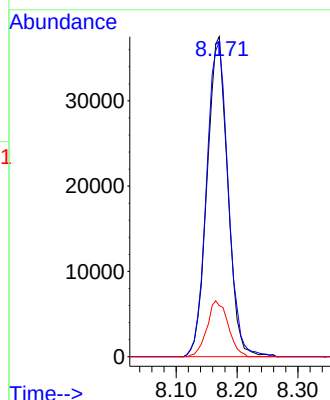
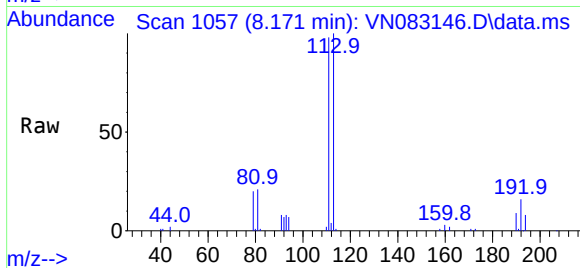
Acq: 08 Aug 2024 11:11

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	113	Resp:	88438
Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.4	123.6
192	17.8	14.9	22.3



#36

1,1-Dichloropropene

Concen: 4.842 ug/l

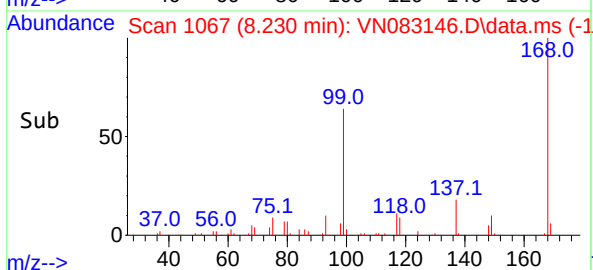
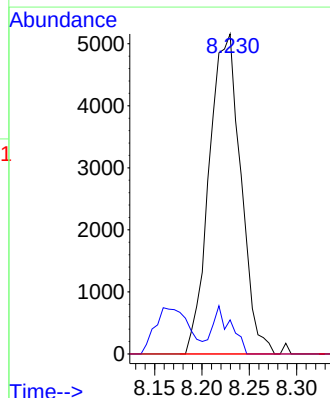
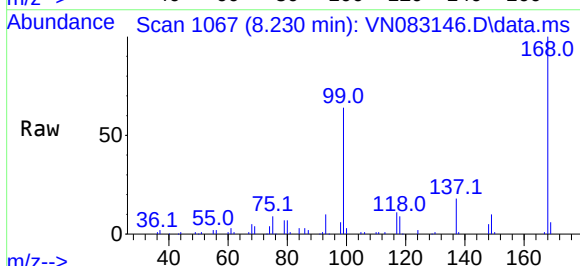
RT: 8.230 min Scan# 1067

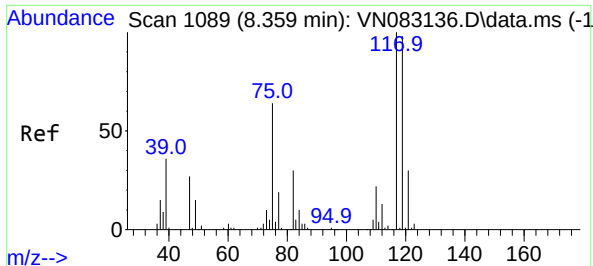
Delta R.T. -0.141 min

Lab File: VN083146.D

Acq: 08 Aug 2024 11:11

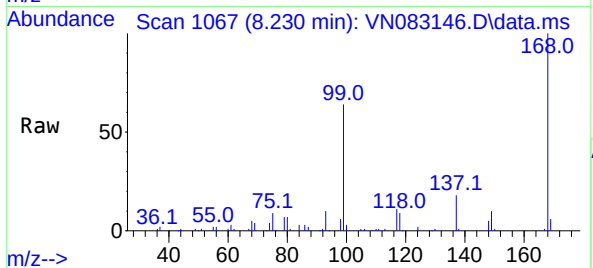
Tgt Ion:	75	Resp:	11978
Ion	Ratio	Lower	Upper
75	100		
110	9.0	16.3	48.9#
77	0.0	24.6	37.0#



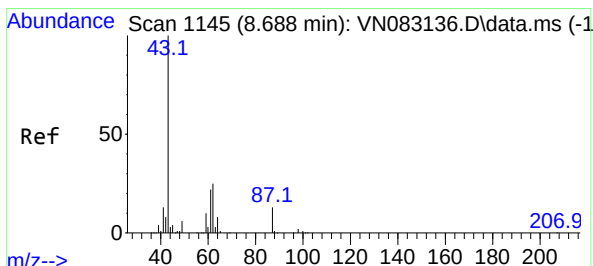
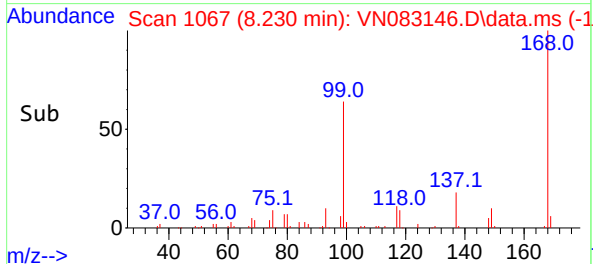
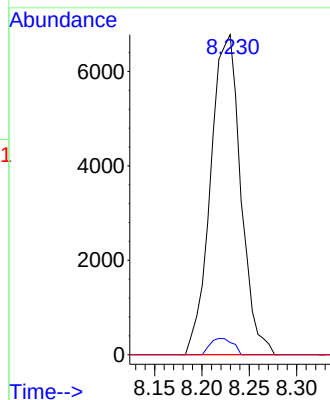


#38
Carbon Tetrachloride
Concen: 5.394 ug/l
RT: 8.230 min Scan# 1107
Delta R.T. -0.129 min
Lab File: VN083146.D
Acq: 08 Aug 2024 11:11

Instrument :
MSVOA_N
ClientSampleId :

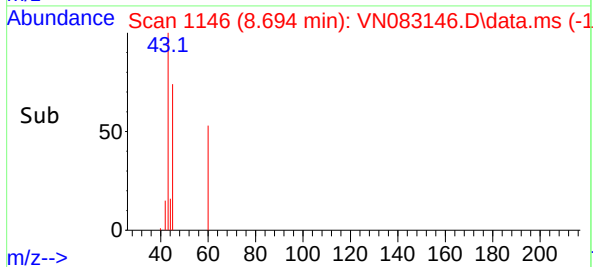
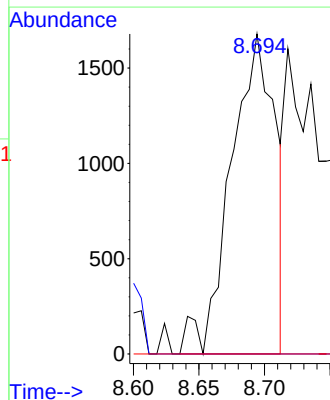
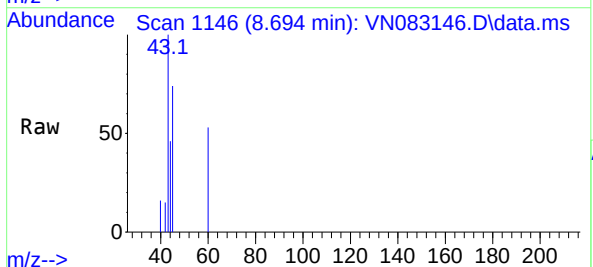


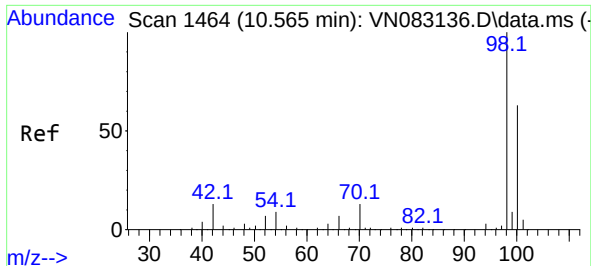
Tgt Ion:117 Resp: 15030
Ion Ratio Lower Upper
117 100
119 3.8 74.9 112.3#
121 0.0 24.3 36.5#



#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN083146.D
Acq: 08 Aug 2024 11:11

Tgt Ion: 43 Resp: 3954
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#

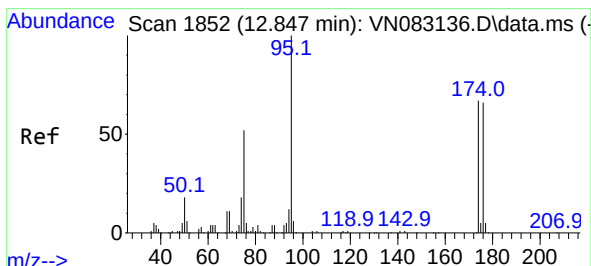
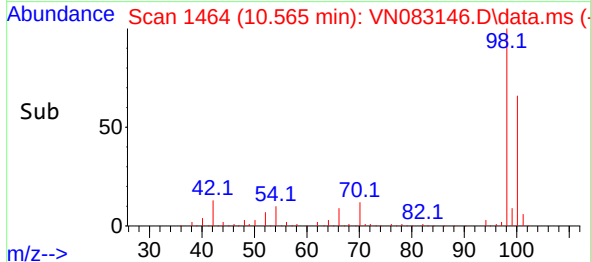
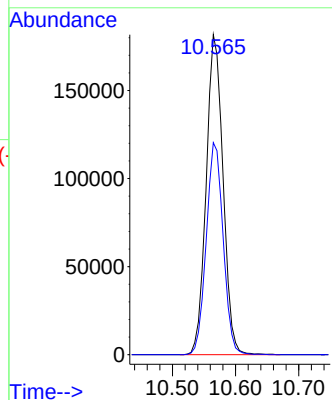
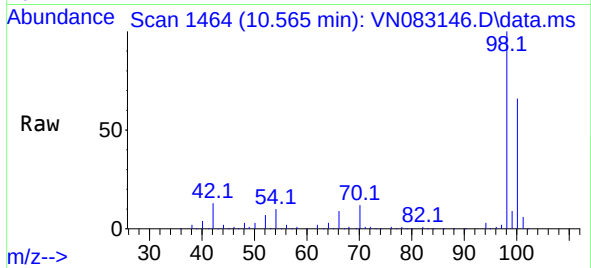




#50
Toluene-d8
Concen: 55.152 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN083146.D
Acq: 08 Aug 2024 11:11

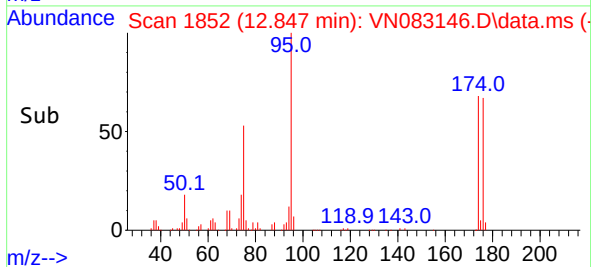
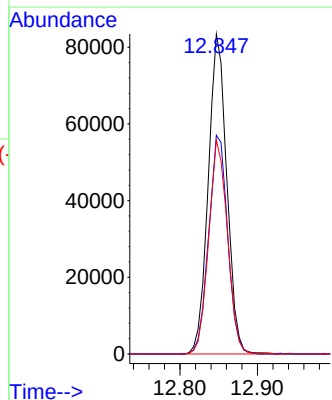
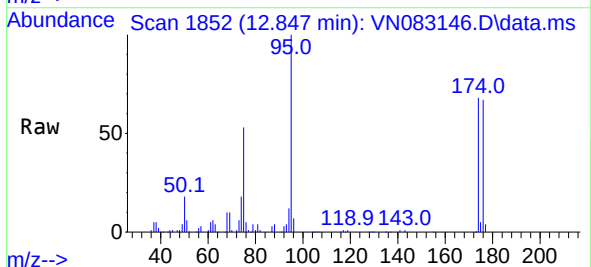
Instrument :
MSVOA_N
ClientSampleId :

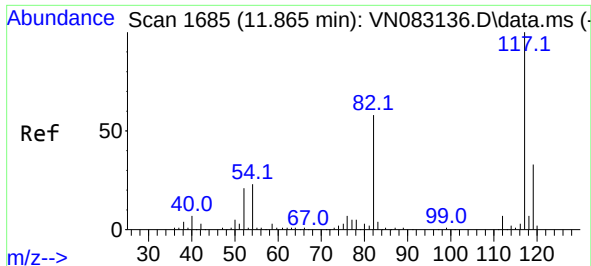
Tgt Ion: 98 Resp: 336424
Ion Ratio Lower Upper
98 100
100 66.6 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 58.347 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083146.D
Acq: 08 Aug 2024 11:11

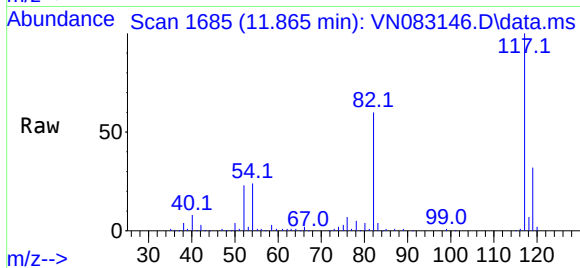
Tgt Ion: 95 Resp: 138755
Ion Ratio Lower Upper
95 100
174 69.8 0.0 159.2
176 67.2 0.0 147.6



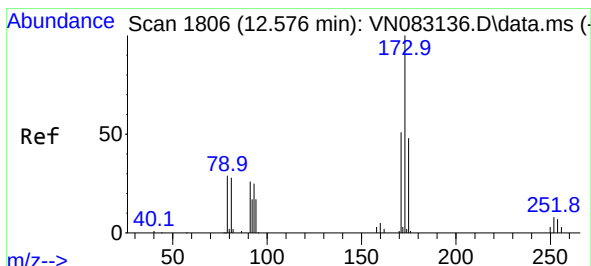
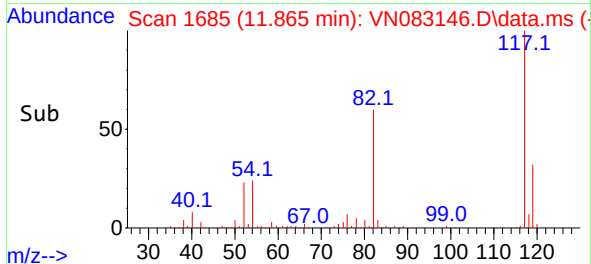
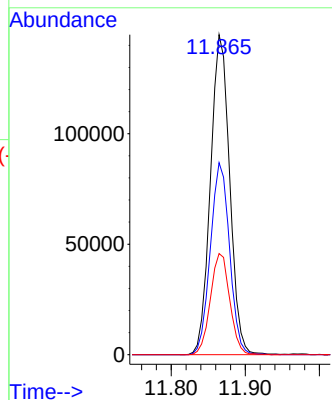


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083146.D
Acq: 08 Aug 2024 11:11

Instrument :
MSVOA_N
ClientSampleId :

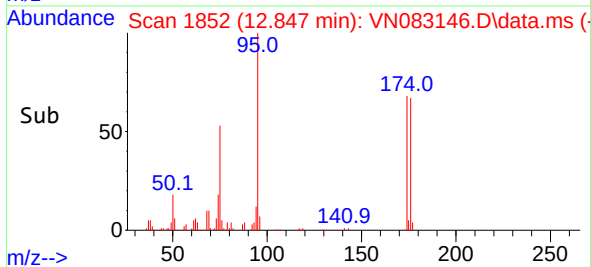
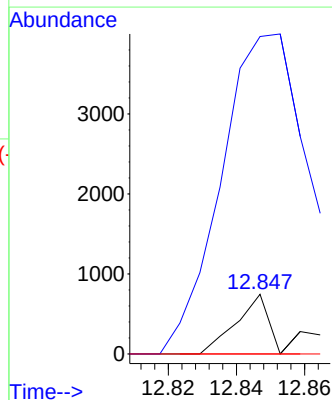
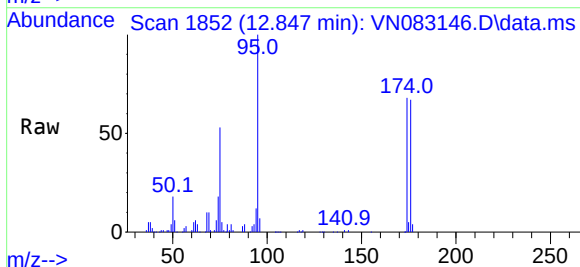


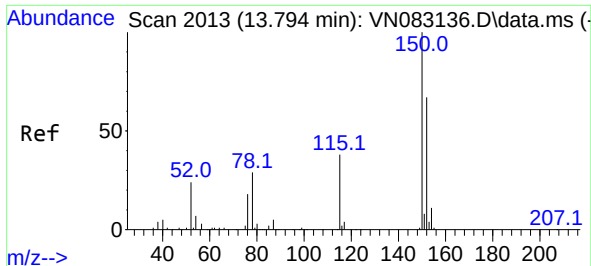
Tgt Ion:117 Resp: 261054
Ion Ratio Lower Upper
117 100
82 60.0 47.5 71.3
119 31.6 25.6 38.4



#71
Bromoform
Concen: 0.319 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.271 min
Lab File: VN083146.D
Acq: 08 Aug 2024 11:11

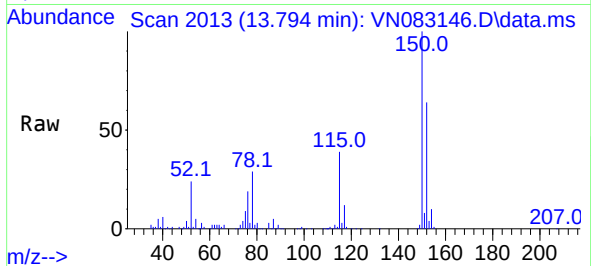
Tgt Ion:173 Resp: 491
Ion Ratio Lower Upper
173 100
175 0.0 24.0 72.0#
254 0.0 0.0 0.0



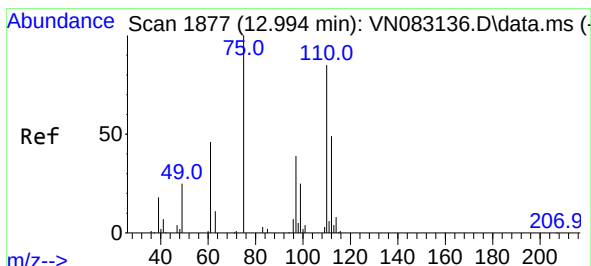
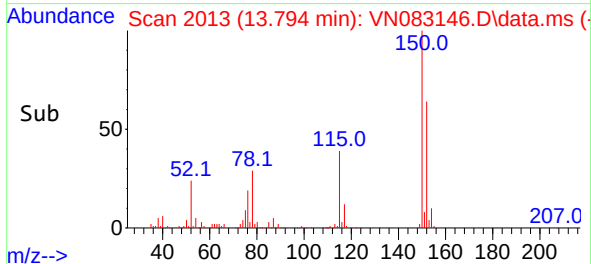
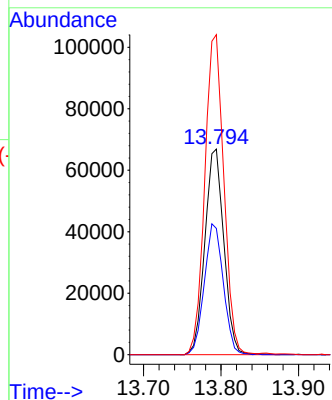


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN083146.D
Acq: 08 Aug 2024 11:11

Instrument :
MSVOA_N
ClientSampleId :

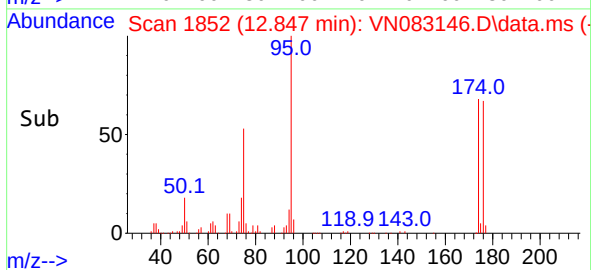
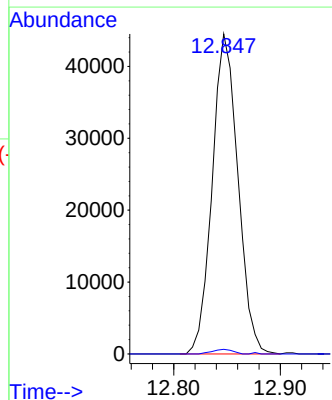
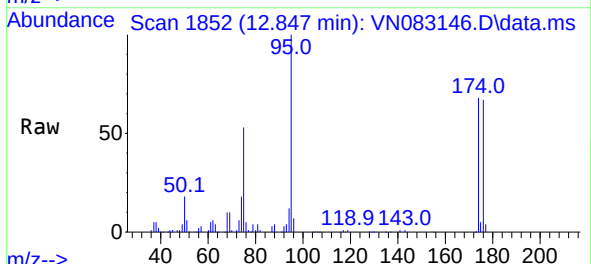


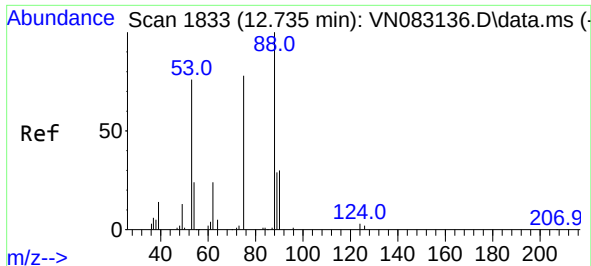
Tgt Ion:152 Resp: 113951
Ion Ratio Lower Upper
152 100
115 63.5 30.6 91.6
150 155.7 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 29.809 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083146.D
Acq: 08 Aug 2024 11:11

Tgt Ion: 75 Resp: 74550
Ion Ratio Lower Upper
75 100
77 1.2 110.9 332.6#

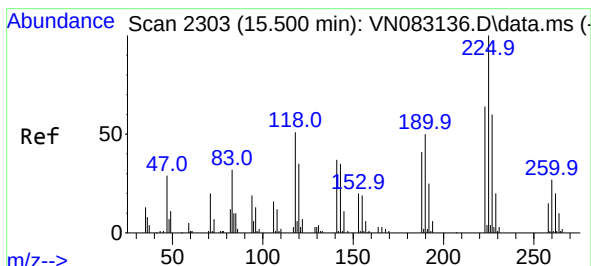
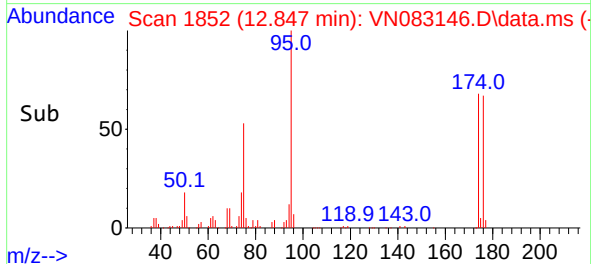
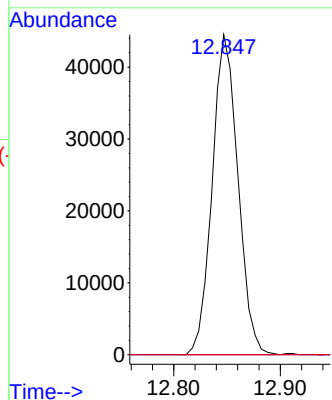
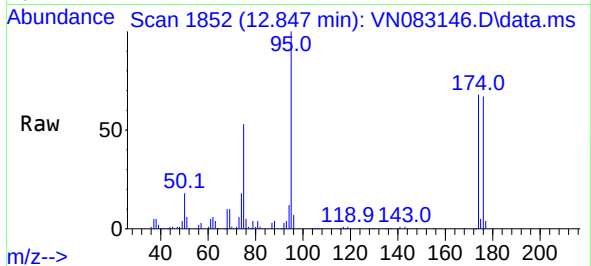




#81
trans-1,4-Dichloro-2-butene
Concen: 64.841 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN083146.D
Acq: 08 Aug 2024 11:11

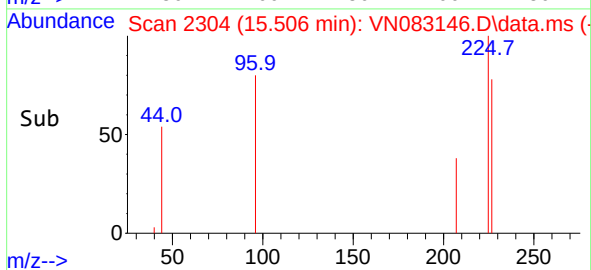
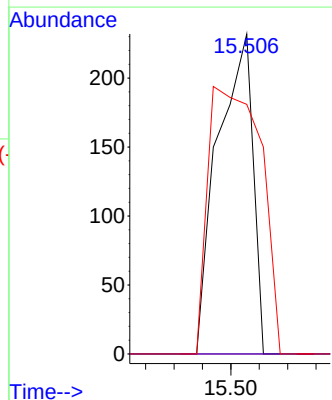
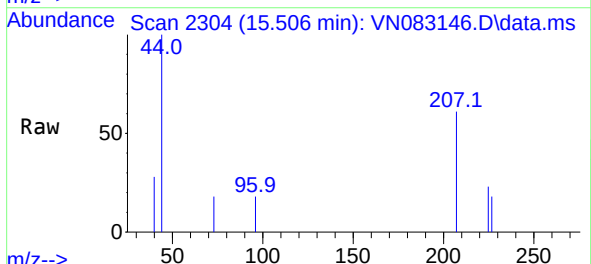
Instrument :
MSVOA_N
ClientSampleId :

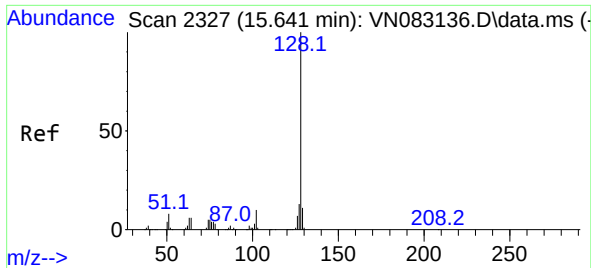
Tgt Ion: 75 Resp: 74550
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#



#94
Hexachlorobutadiene
Concen: 0.207 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.006 min
Lab File: VN083146.D
Acq: 08 Aug 2024 11:11

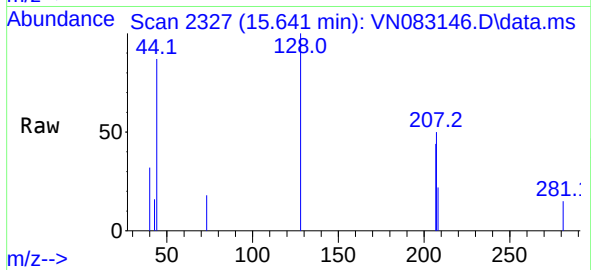
Tgt Ion: 225 Resp: 199
Ion Ratio Lower Upper
225 100
223 0.0 31.9 95.7#
227 126.1 32.5 97.5#





#95
Naphthalene
Concen: 0.217 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN083146.D
Acq: 08 Aug 2024 11:11

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 1663
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.6 12.8#

