

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082224\
 Data File : VN083425.D
 Acq On : 22 Aug 2024 10:29
 Operator : JC\MD
 Sample : VN0822MBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 23 01:38:10 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)

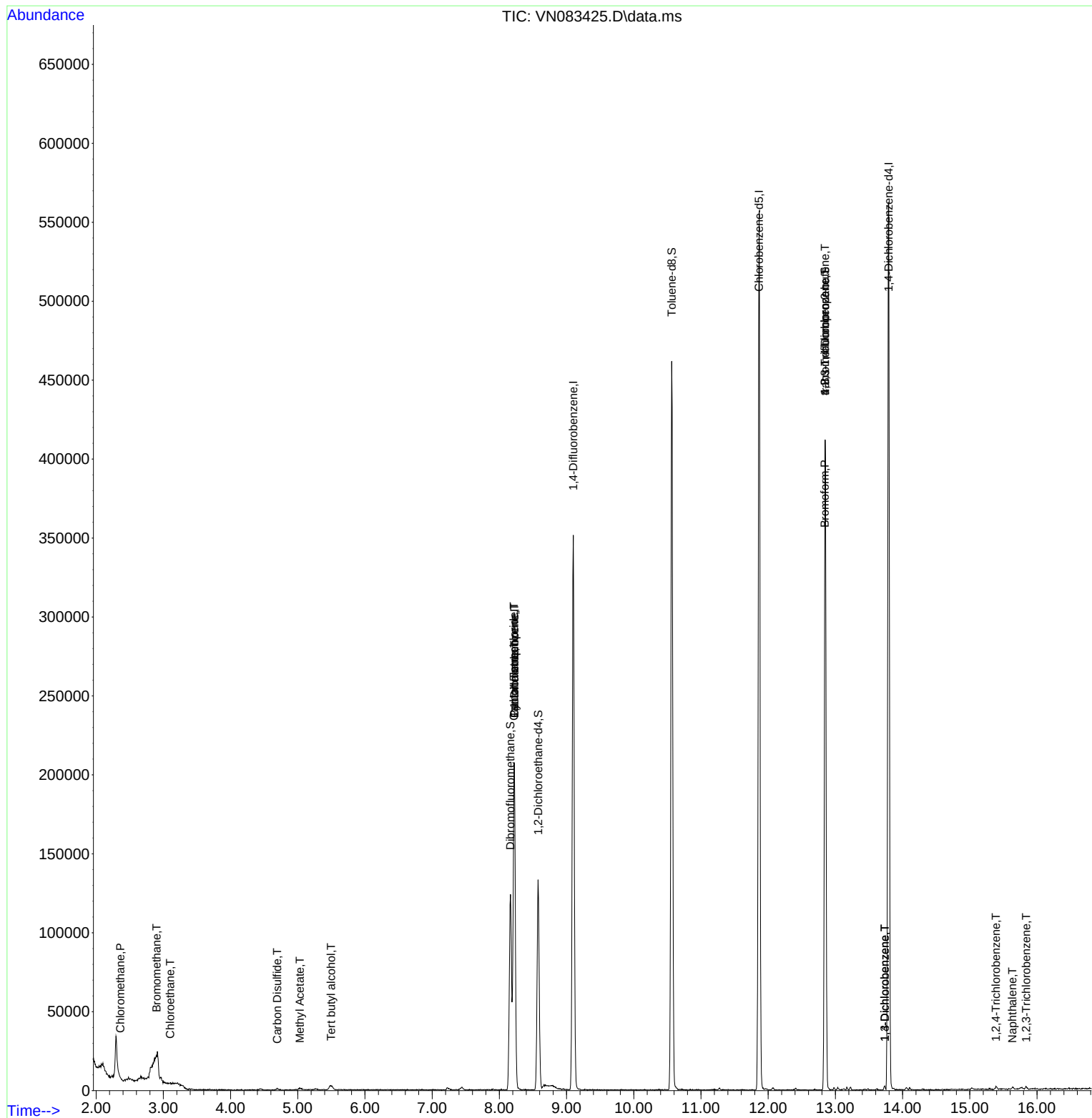
Internal Standards						
1) Pentafluorobenzene	8.224	168	145728	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	291643	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	307294	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	147049	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	110730	53.383	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 106.760%		
35) Dibromofluoromethane	8.165	113	88792	48.777	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 97.560%		
50) Toluene-d8	10.565	98	316285	46.578	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 93.160%		
62) 4-Bromofluorobenzene	12.847	95	147214	55.609	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 111.220%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	524	0.310	ug/l #	43
5) Bromomethane	2.900	94	490	0.457	ug/l #	61
6) Chloroethane	3.100	64	491	0.455	ug/l #	41
11) Tert butyl alcohol	5.494	59	2853	6.618	ug/l #	71
17) Carbon Disulfide	4.694	76	1992	0.421	ug/l #	75
18) Methyl Acetate	5.030	43	2397	0.991	ug/l #	73
31) Cyclohexane	8.224	56	3493	1.136	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	12896	4.683	ug/l #	50
38) Carbon Tetrachloride	8.218	117	16404	5.289	ug/l #	16
43) Isopropyl Acetate	8.712	43	498	Below Cal	#	60
71) Bromoform	12.841	173	546	0.301	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	82046	25.422	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	82046	55.299	ug/l #	6
87) 1,3-Dichlorobenzene	13.735	146	1115	0.217	ug/l	82
88) 1,4-Dichlorobenzene	13.735	146	1115	0.215	ug/l	82
93) 1,2,4-Trichlorobenzene	15.388	180	936	0.336	ug/l	94
95) Naphthalene	15.635	128	2323	0.235	ug/l #	82
96) 1,2,3-Trichlorobenzene	15.841	180	806	0.292	ug/l	85

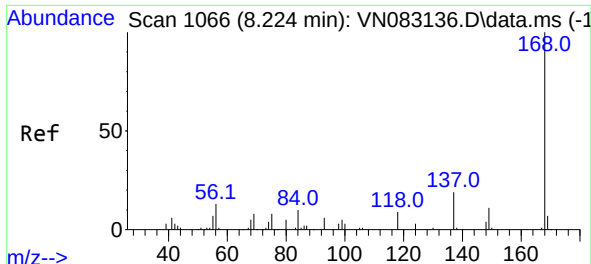
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082224\
Data File : VN083425.D
Acq On : 22 Aug 2024 10:29
Operator : JC\MD
Sample : VN0822MBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

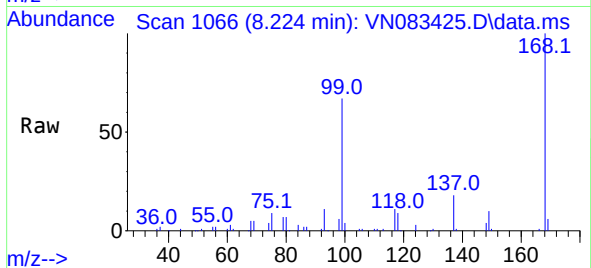
Quant Time: Aug 23 01:38:10 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:30:41 2024
Response via : Initial Calibration



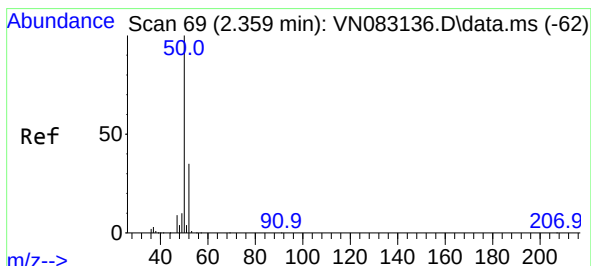
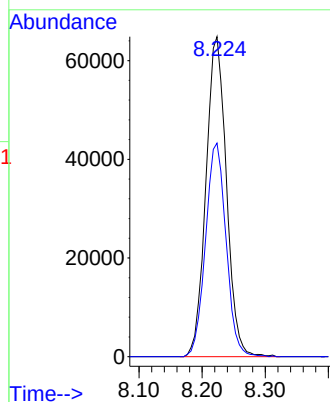
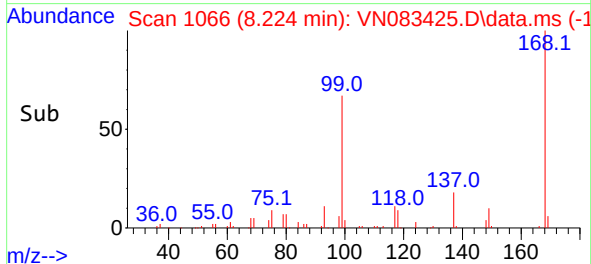


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083425.D
Acq: 22 Aug 2024 10:29

Instrument :
MSVOA_N
ClientSampleId :

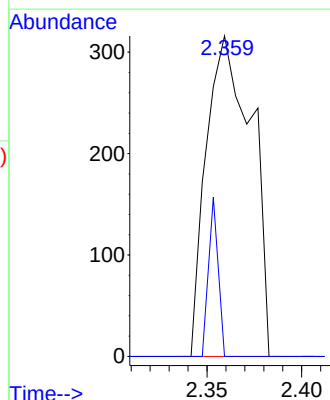
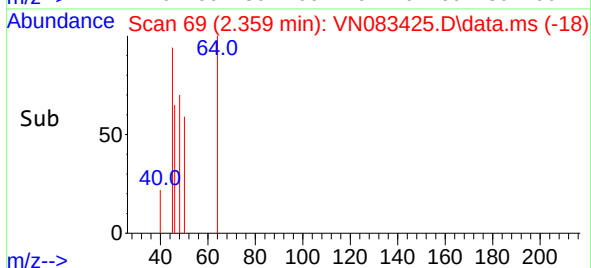
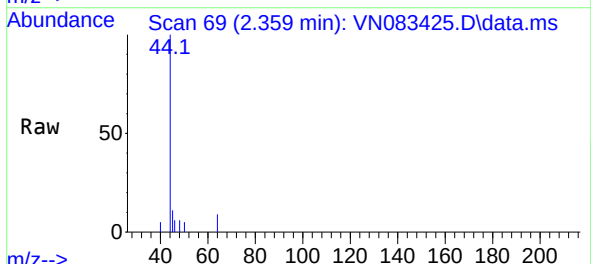


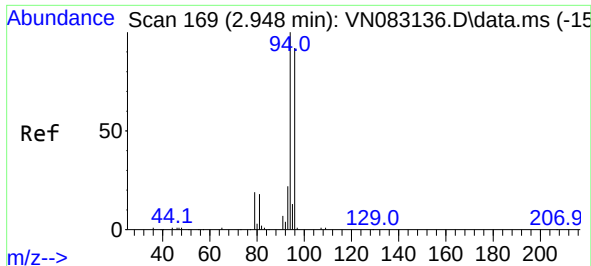
Tgt Ion:168 Resp: 145728
Ion Ratio Lower Upper
168 100
99 66.8 48.2 72.4



#3
Chloromethane
Concen: 0.310 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN083425.D
Acq: 22 Aug 2024 10:29

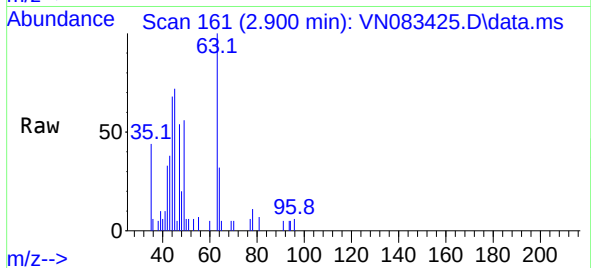
Tgt Ion: 50 Resp: 524
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#



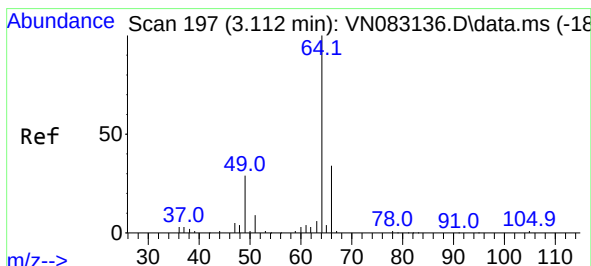
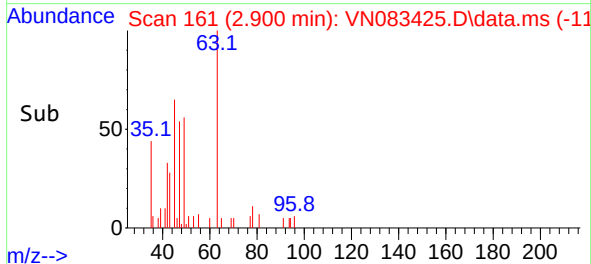
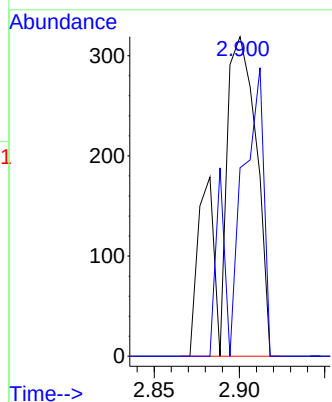


#5
Bromomethane
Concen: 0.457 ug/l
RT: 2.900 min Scan# 11
Delta R.T. -0.047 min
Lab File: VN083425.D
Acq: 22 Aug 2024 10:29

Instrument :
MSVOA_N
ClientSampleId :

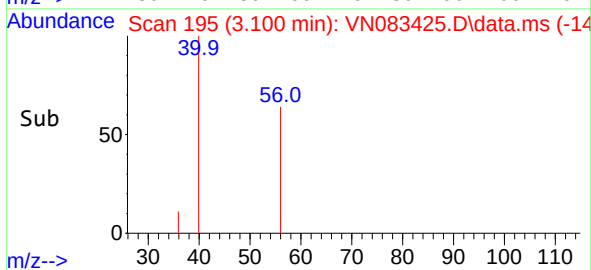
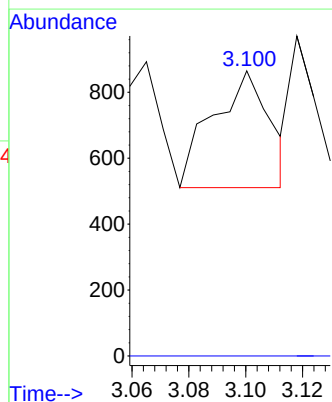
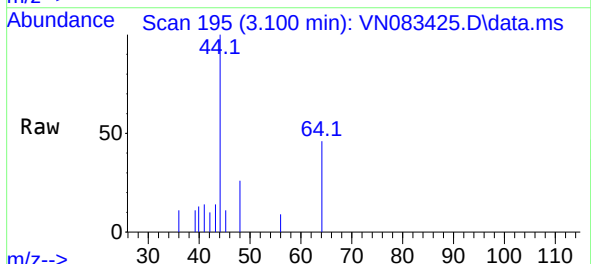


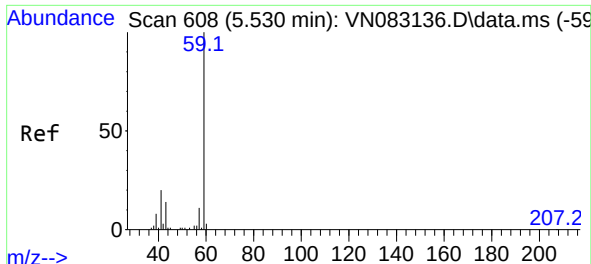
Tgt Ion: 94 Resp: 490
Ion Ratio Lower Upper
94 100
96 58.9 78.0 117.0#



#6
Chloroethane
Concen: 0.455 ug/l
RT: 3.100 min Scan# 195
Delta R.T. -0.012 min
Lab File: VN083425.D
Acq: 22 Aug 2024 10:29

Tgt Ion: 64 Resp: 491
Ion Ratio Lower Upper
64 100
66 0.0 26.6 40.0#

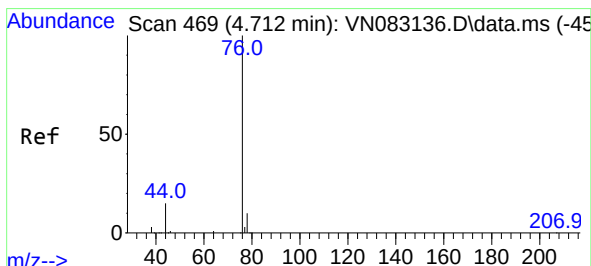
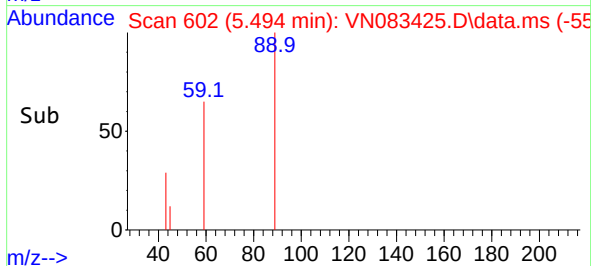
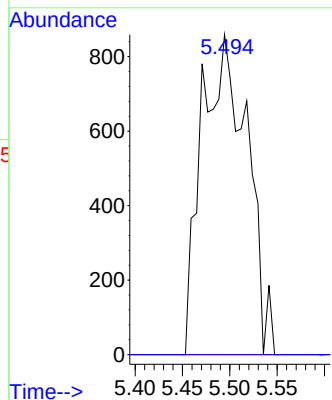
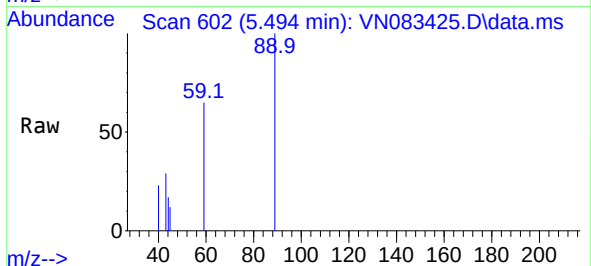




#11
Tert butyl alcohol
Concen: 6.618 ug/l
RT: 5.494 min Scan# 608
Delta R.T. -0.035 min
Lab File: VN083425.D
Acq: 22 Aug 2024 10:29

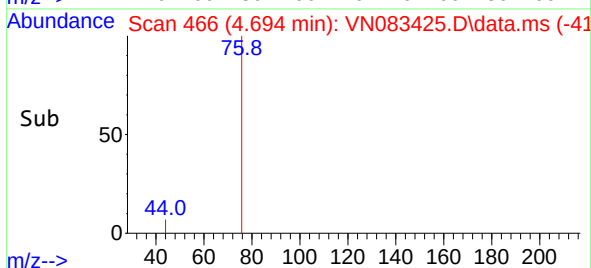
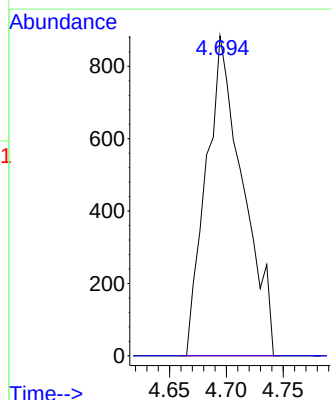
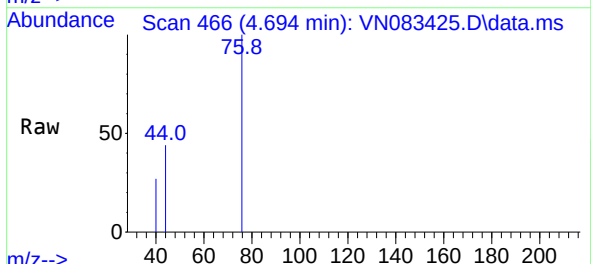
Instrument :
MSVOA_N
ClientSampleId :

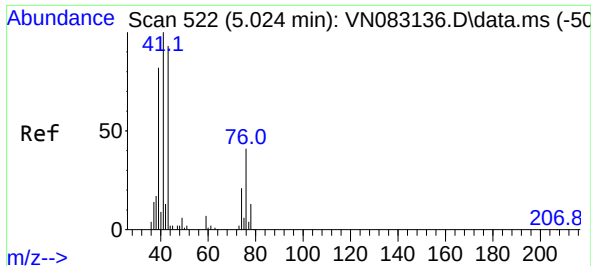
Tgt Ion: 59 Resp: 2853
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#



#17
Carbon Disulfide
Concen: 0.421 ug/l
RT: 4.694 min Scan# 466
Delta R.T. -0.018 min
Lab File: VN083425.D
Acq: 22 Aug 2024 10:29

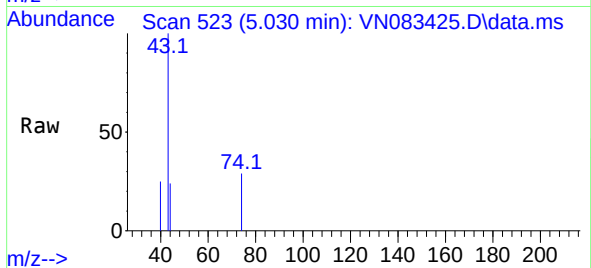
Tgt Ion: 76 Resp: 1992
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



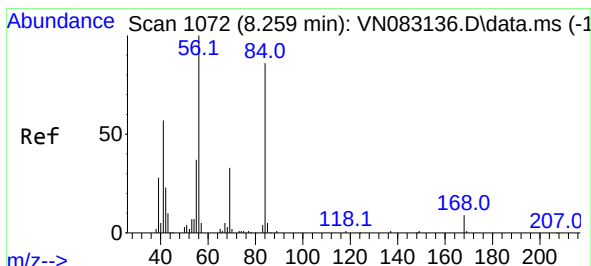
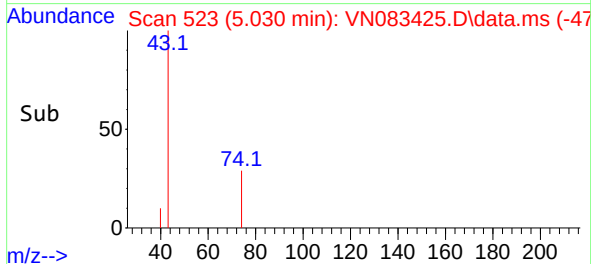
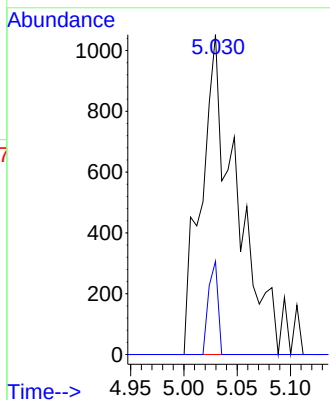


#18
Methyl Acetate
Concen: 0.991 ug/l
RT: 5.030 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN083425.D
Acq: 22 Aug 2024 10:29

Instrument :
MSVOA_N
ClientSampleId :

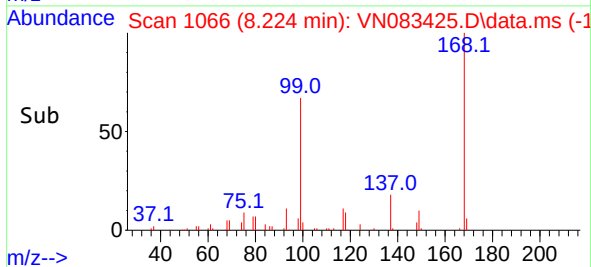
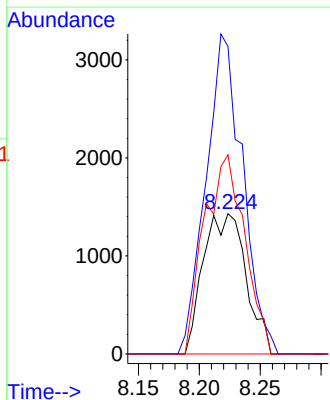
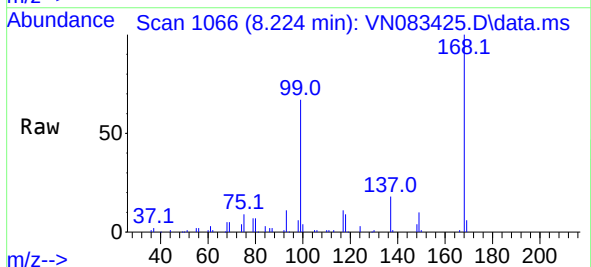


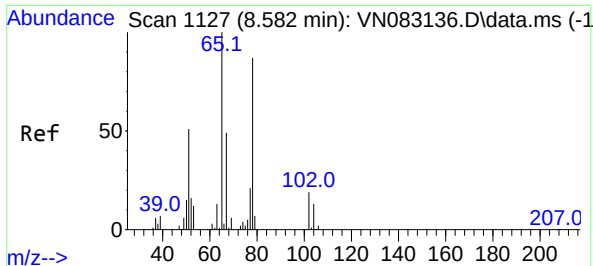
Tgt Ion: 43 Resp: 2397
Ion Ratio Lower Upper
43 100
74 7.8 16.3 24.5#



#31
Cyclohexane
Concen: 1.136 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN083425.D
Acq: 22 Aug 2024 10:29

Tgt Ion: 56 Resp: 3493
Ion Ratio Lower Upper
56 100
69 219.3 24.5 36.7#
84 142.0 66.0 99.0#

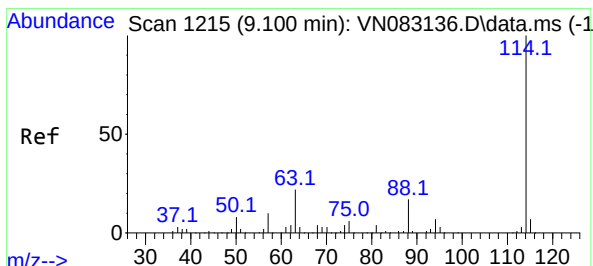
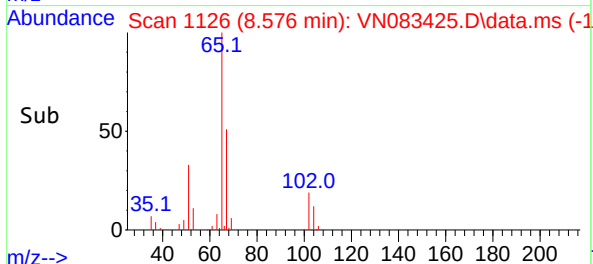
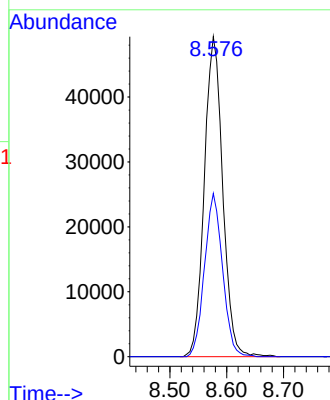
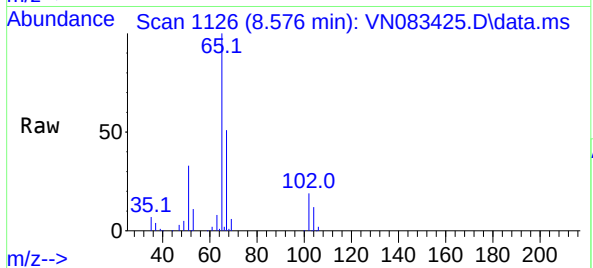




#33
1,2-Dichloroethane-d4
Concen: 53.383 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN083425.D
Acq: 22 Aug 2024 10:29

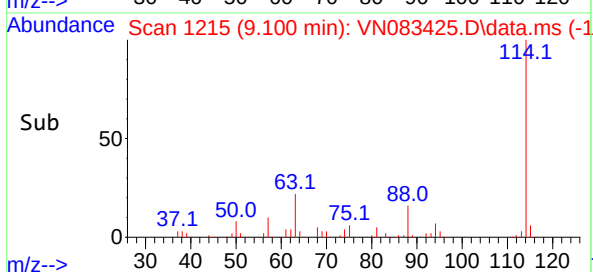
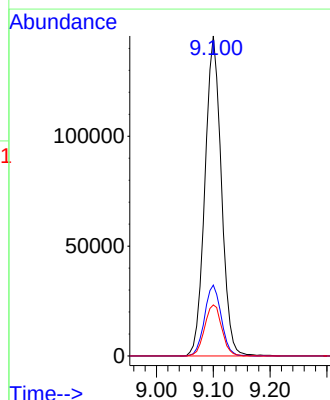
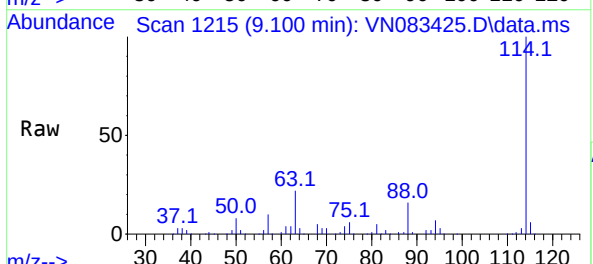
Instrument :
MSVOA_N
ClientSampleId :

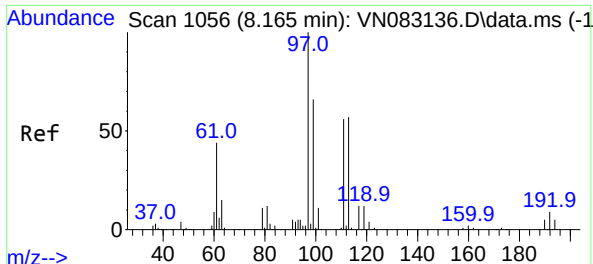
Tgt Ion: 65 Resp: 110730
Ion Ratio Lower Upper
65 100
67 49.9 0.0 104.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN083425.D
Acq: 22 Aug 2024 10:29

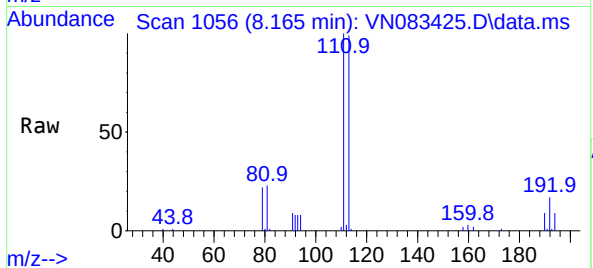
Tgt Ion: 114 Resp: 291643
Ion Ratio Lower Upper
114 100
63 22.1 0.0 44.6
88 15.9 0.0 31.4



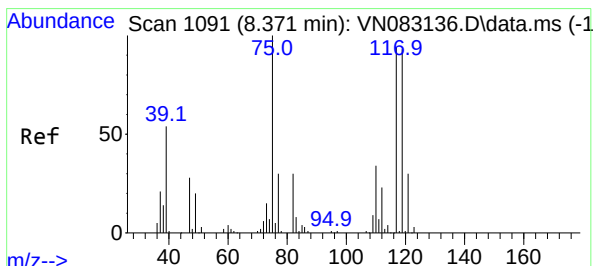
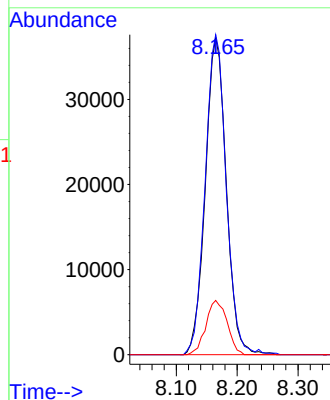
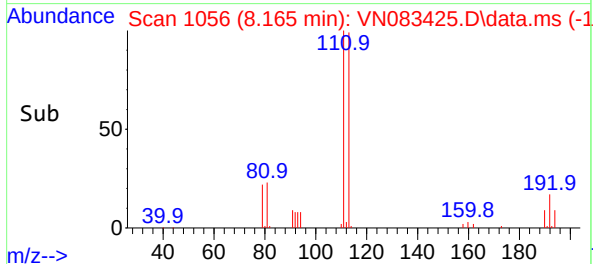


#35
Dibromofluoromethane
Concen: 48.777 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083425.D
Acq: 22 Aug 2024 10:29

Instrument :
MSVOA_N
ClientSampleId :

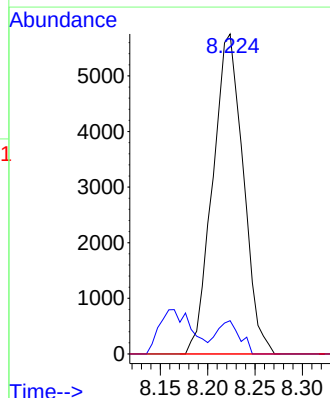
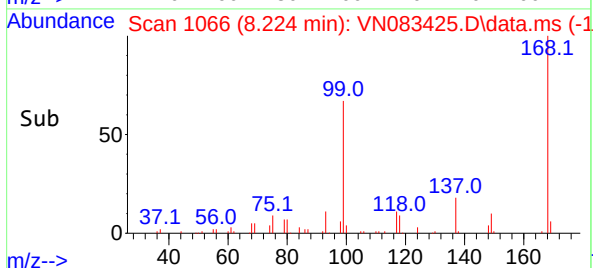
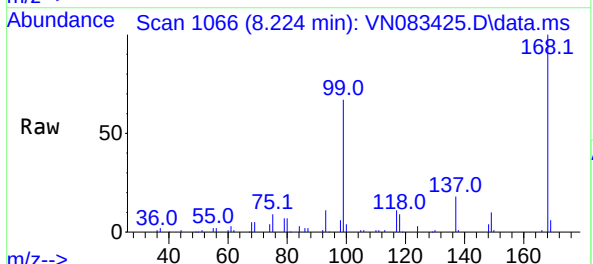


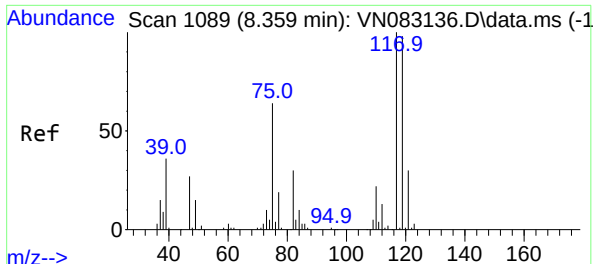
Tgt Ion:113 Resp: 88792
Ion Ratio Lower Upper
113 100
111 101.7 82.4 123.6
192 17.4 14.9 22.3



#36
1,1-Dichloropropene
Concen: 4.683 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN083425.D
Acq: 22 Aug 2024 10:29

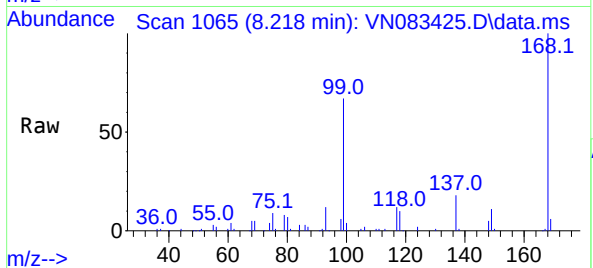
Tgt Ion: 75 Resp: 12896
Ion Ratio Lower Upper
75 100
110 7.8 16.3 48.9#
77 0.0 24.6 37.0#



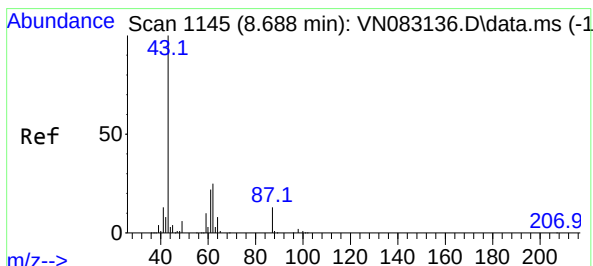
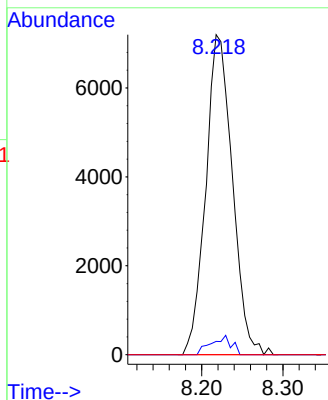
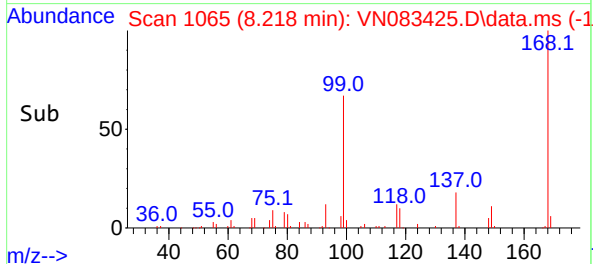


#38
Carbon Tetrachloride
Concen: 5.289 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.141 min
Lab File: VN083425.D
Acq: 22 Aug 2024 10:29

Instrument :
MSVOA_N
ClientSampleId :

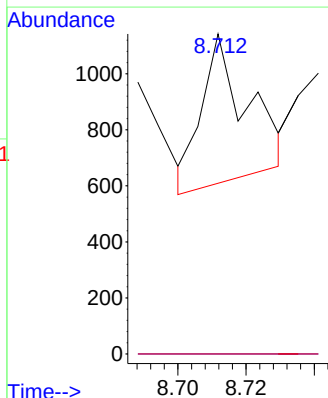
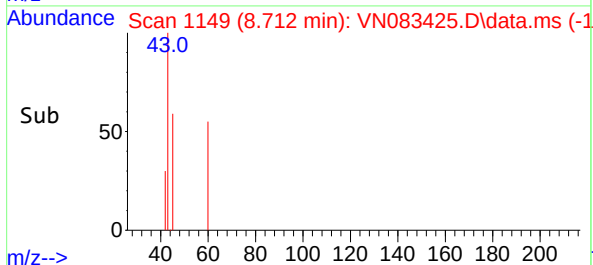
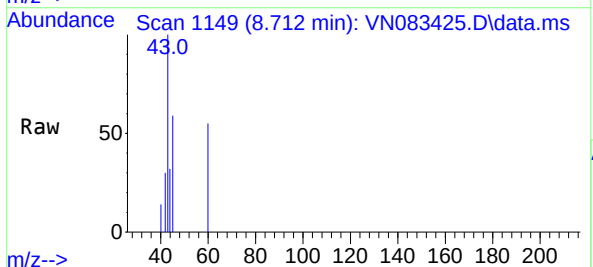


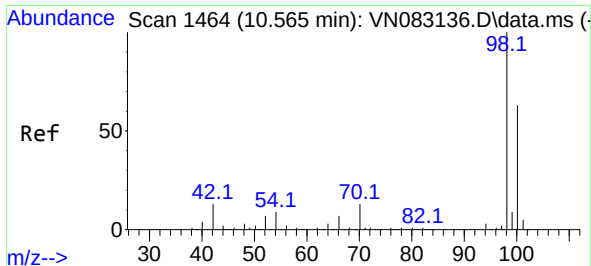
Tgt Ion:117 Resp: 16404
Ion Ratio Lower Upper
117 100
119 4.2 74.9 112.3#
121 0.0 24.3 36.5#



#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.712 min Scan# 1149
Delta R.T. 0.024 min
Lab File: VN083425.D
Acq: 22 Aug 2024 10:29

Tgt Ion: 43 Resp: 498
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#

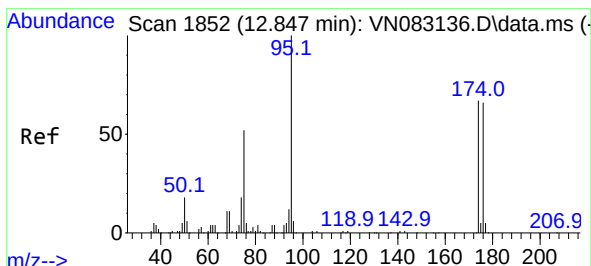
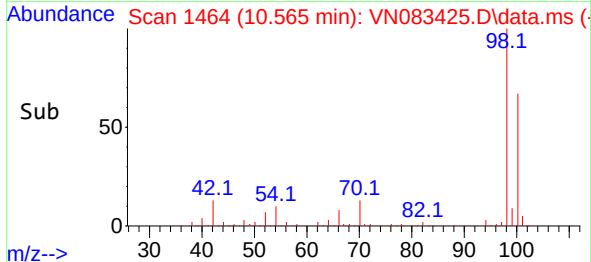
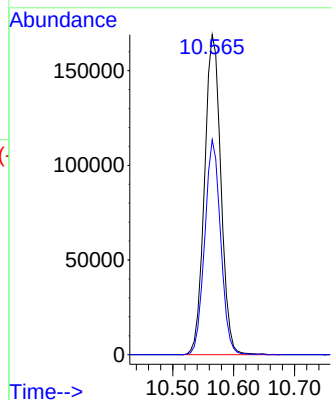
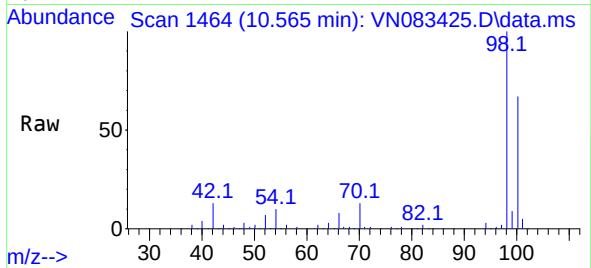




#50
Toluene-d8
Concen: 46.578 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083425.D
Acq: 22 Aug 2024 10:29

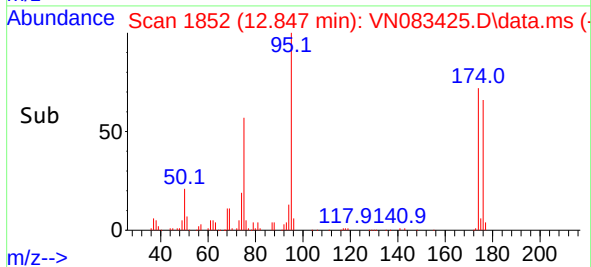
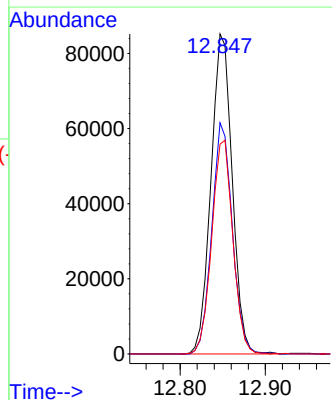
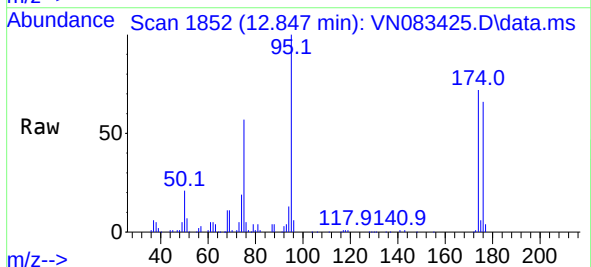
Instrument :
MSVOA_N
ClientSampleId :

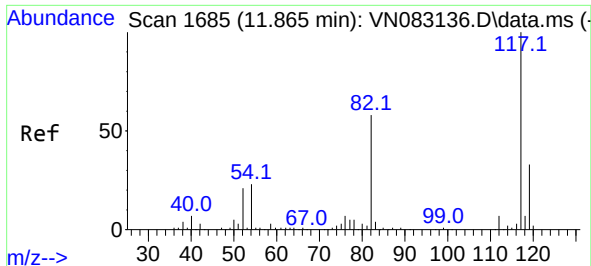
Tgt Ion: 98 Resp: 316285
Ion Ratio Lower Upper
98 100
100 65.3 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 55.609 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083425.D
Acq: 22 Aug 2024 10:29

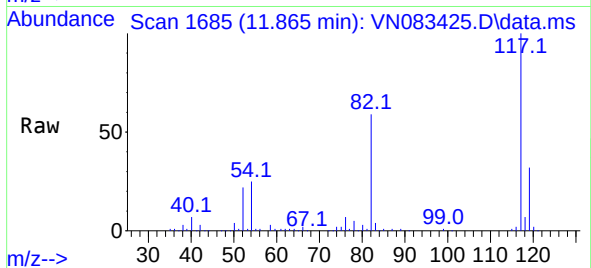
Tgt Ion: 95 Resp: 147214
Ion Ratio Lower Upper
95 100
174 70.0 0.0 159.2
176 66.5 0.0 147.6



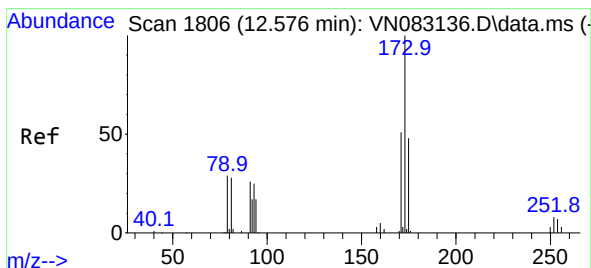
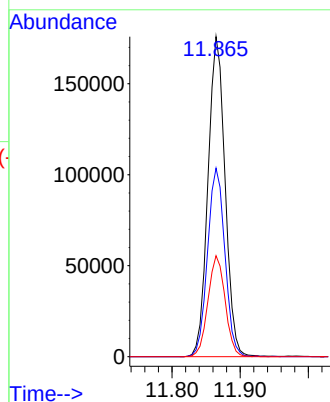
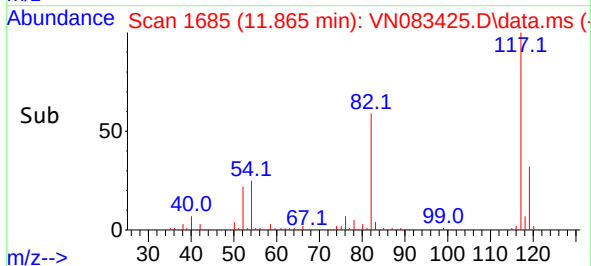


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN083425.D
Acq: 22 Aug 2024 10:29

Instrument :
MSVOA_N
ClientSampleId :

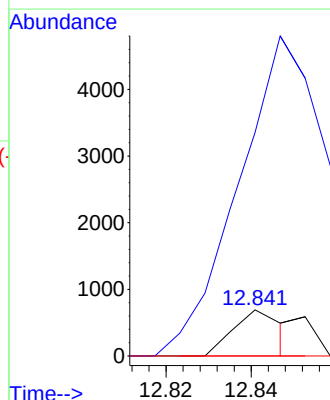
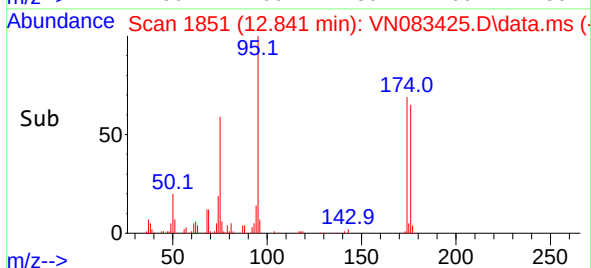
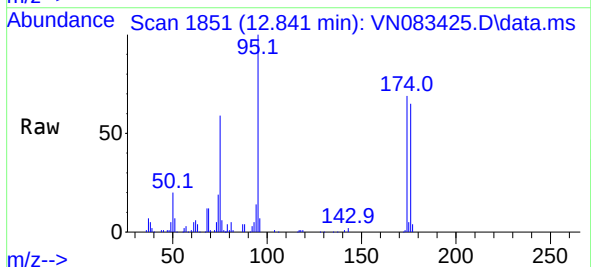


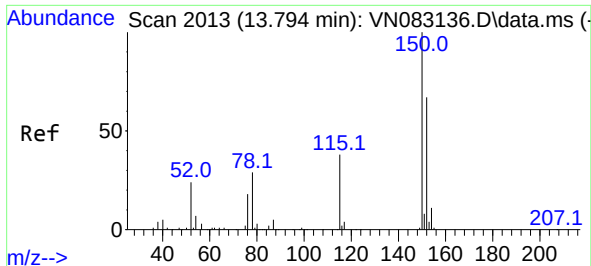
Tgt Ion:117 Resp: 307294
Ion Ratio Lower Upper
117 100
82 58.9 47.5 71.3
119 31.5 25.6 38.4



#71
Bromoform
Concen: 0.301 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. 0.265 min
Lab File: VN083425.D
Acq: 22 Aug 2024 10:29

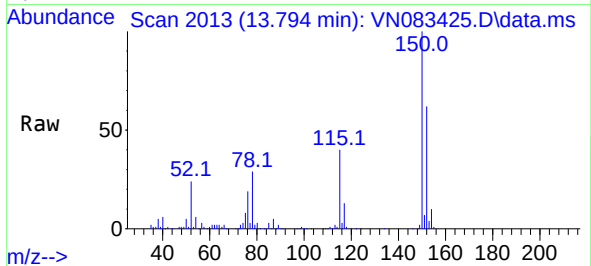
Tgt Ion:173 Resp: 546
Ion Ratio Lower Upper
173 100
175 1022.9 24.0 72.0#
254 0.0 0.0 0.0



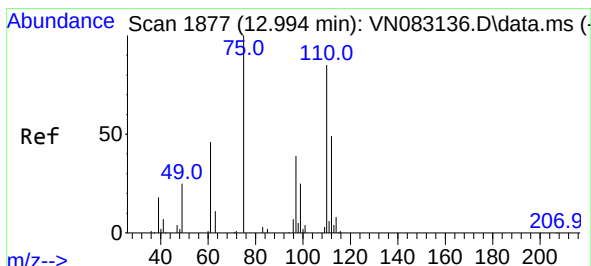
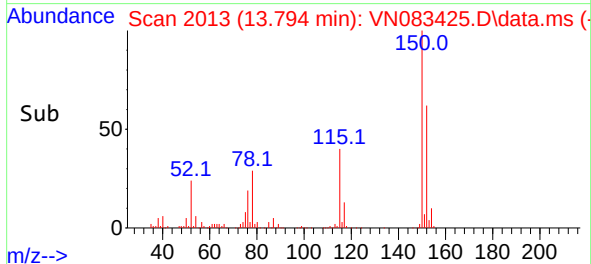
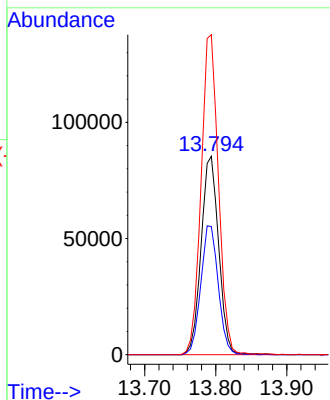


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN083425.D
 Acq: 22 Aug 2024 10:29

Instrument :
 MSVOA_N
 ClientSampleId :

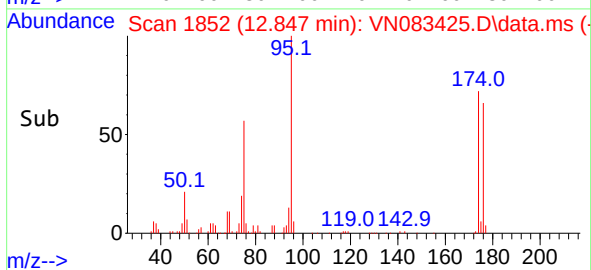
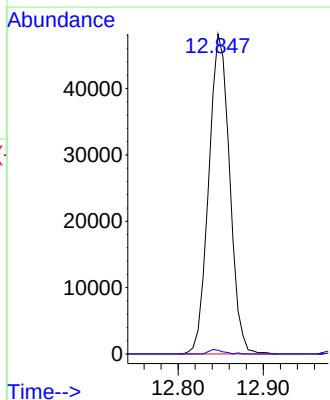
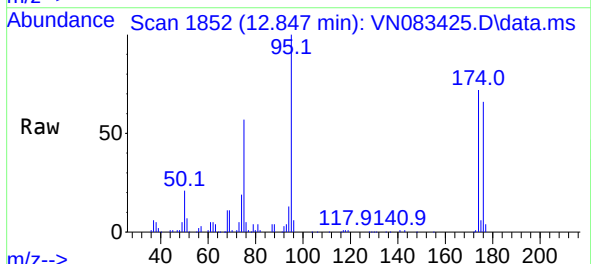


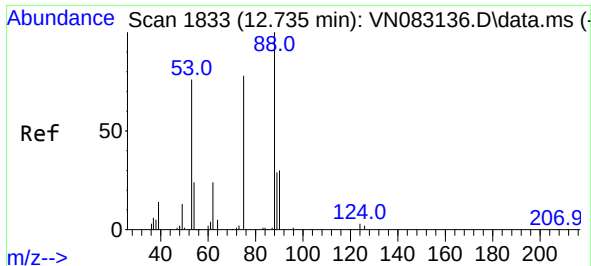
Tgt Ion:152 Resp: 147049
 Ion Ratio Lower Upper
 152 100
 115 64.7 30.6 91.6
 150 159.0 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 25.422 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN083425.D
 Acq: 22 Aug 2024 10:29

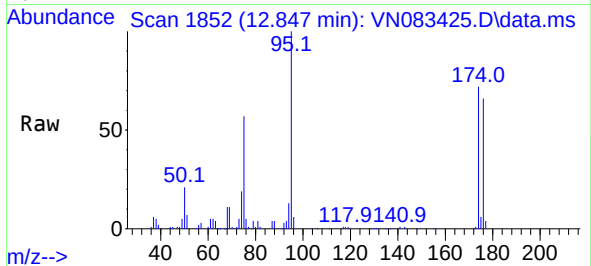
Tgt Ion: 75 Resp: 82046
 Ion Ratio Lower Upper
 75 100
 77 1.0 110.9 332.6#



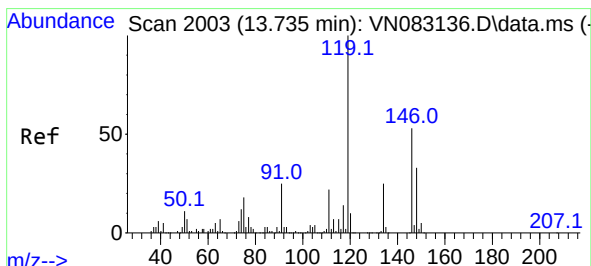
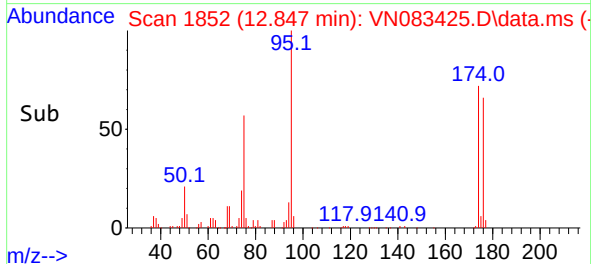
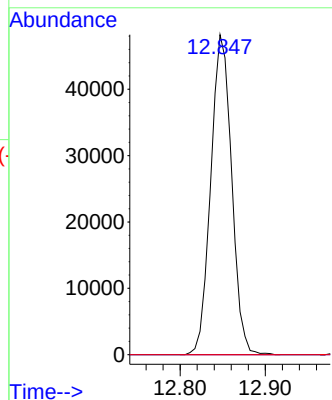


#81
trans-1,4-Dichloro-2-butene
Concen: 55.299 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN083425.D
Acq: 22 Aug 2024 10:29

Instrument :
MSVOA_N
ClientSampleId :

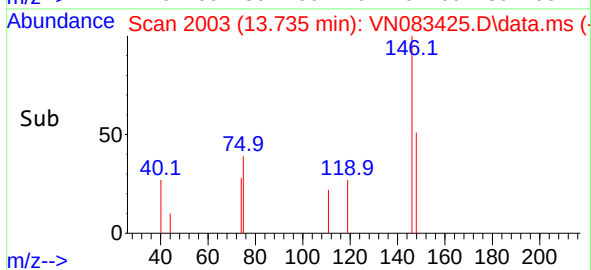
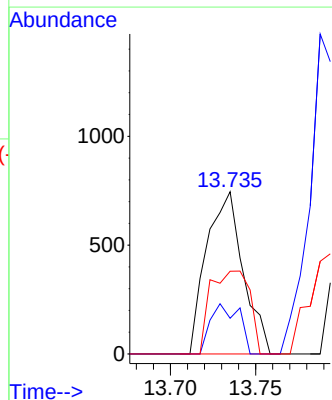
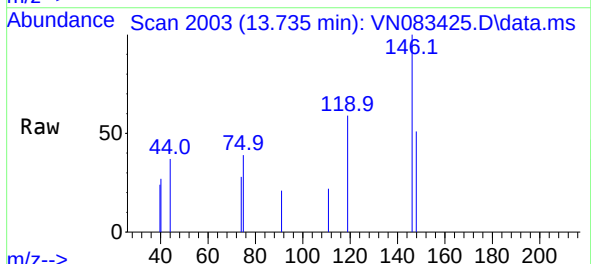


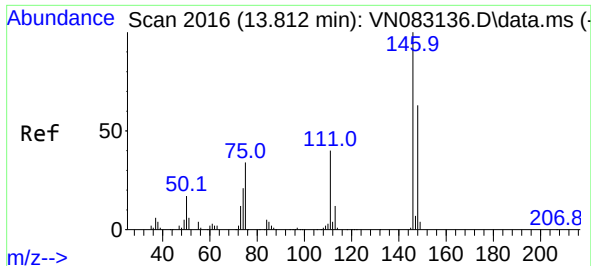
Tgt Ion: 75 Resp: 82046
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#



#87
1,3-Dichlorobenzene
Concen: 0.217 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN083425.D
Acq: 22 Aug 2024 10:29

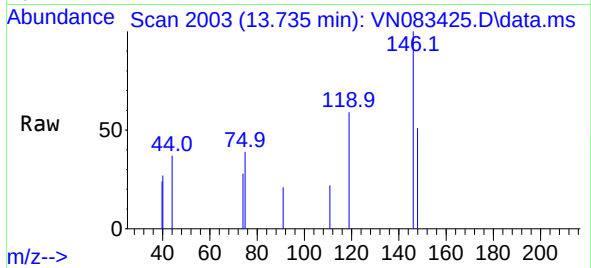
Tgt Ion:146 Resp: 1115
Ion Ratio Lower Upper
146 100
111 24.1 20.6 61.9
148 54.4 31.8 95.3



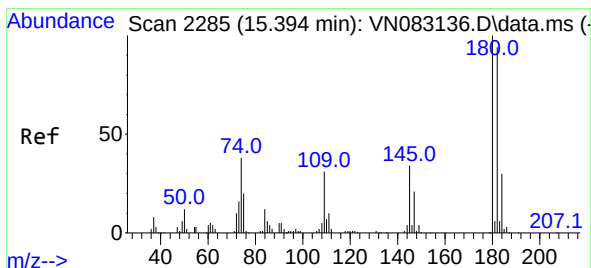
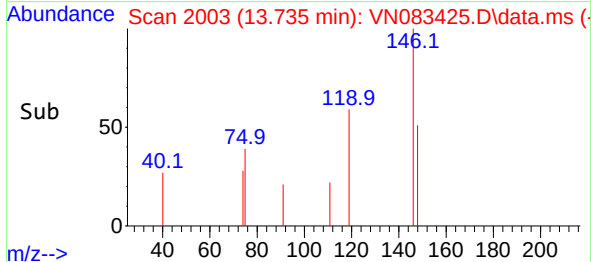
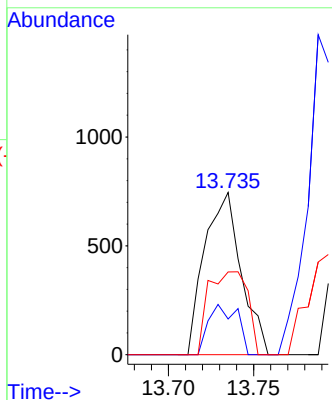


#88
 1,4-Dichlorobenzene
 Concen: 0.215 ug/l
 RT: 13.735 min Scan# 20
 Delta R.T. -0.077 min
 Lab File: VN083425.D
 Acq: 22 Aug 2024 10:29

Instrument :
 MSVOA_N
 ClientSampleId :

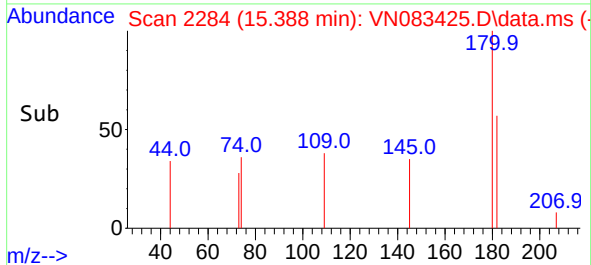
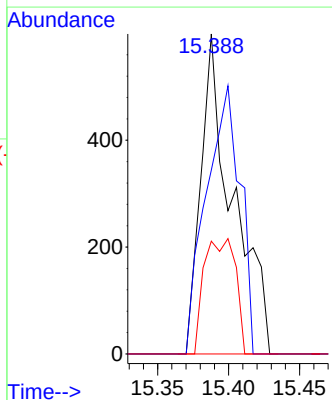
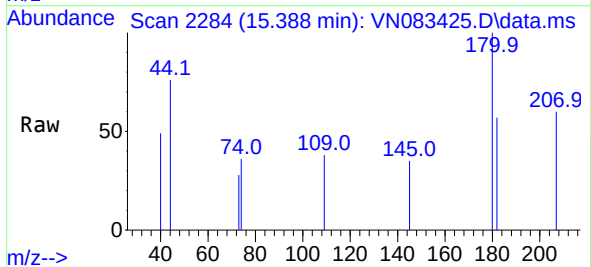


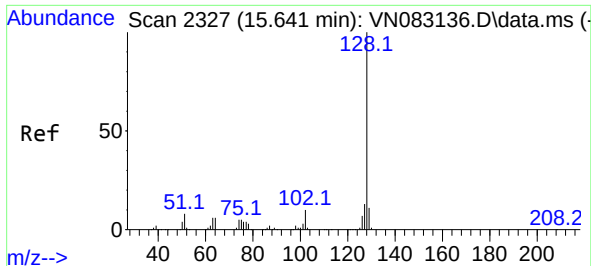
Tgt Ion:146 Resp: 1115
 Ion Ratio Lower Upper
 146 100
 111 24.1 20.1 60.3
 148 54.4 32.2 96.6



#93
 1,2,4-Trichlorobenzene
 Concen: 0.336 ug/l
 RT: 15.388 min Scan# 2284
 Delta R.T. -0.006 min
 Lab File: VN083425.D
 Acq: 22 Aug 2024 10:29

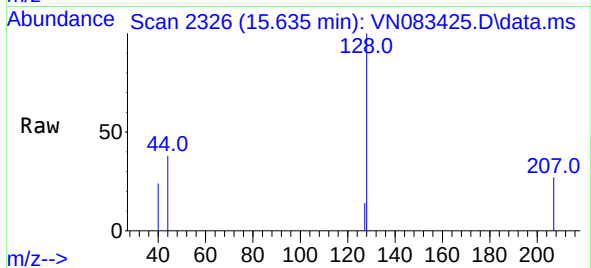
Tgt Ion:180 Resp: 936
 Ion Ratio Lower Upper
 180 100
 182 88.9 47.3 141.8
 145 35.5 15.7 47.1



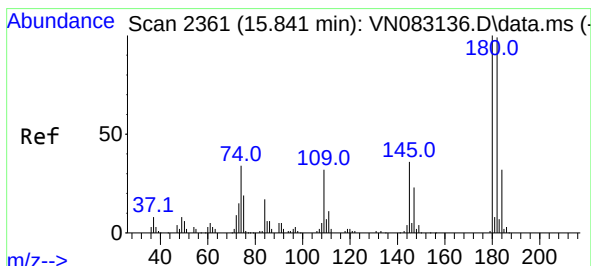
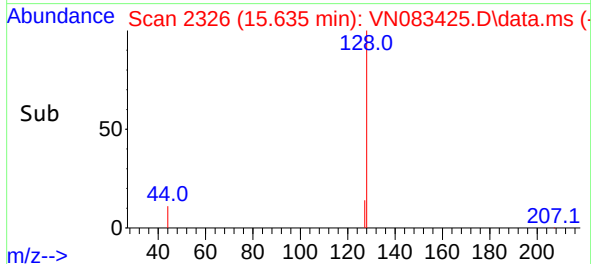
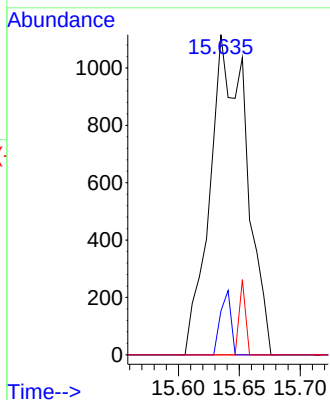


#95
Naphthalene
Concen: 0.235 ug/l
RT: 15.635 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN083425.D
Acq: 22 Aug 2024 10:29

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 2323
Ion Ratio Lower Upper
128 100
127 5.7 10.6 16.0#
129 4.0 8.6 12.8#



#96
1,2,3-Trichlorobenzene
Concen: 0.292 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN083425.D
Acq: 22 Aug 2024 10:29

Tgt Ion:180 Resp: 806
Ion Ratio Lower Upper
180 100
182 86.6 48.9 146.8
145 20.2 16.8 50.4

