

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082024\
 Data File : VN083393.D
 Acq On : 20 Aug 2024 11:46
 Operator : JC\MD
 Sample : VN0820WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 21 02:23:04 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

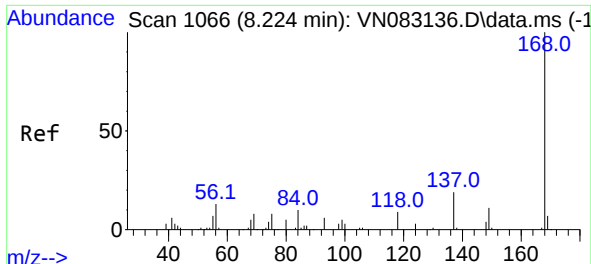
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	128299	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	260624	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	279064	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	132428	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	107256	58.732	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 117.460%	
35) Dibromofluoromethane	8.165	113	86658	53.270	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.540%	
50) Toluene-d8	10.565	98	307110	50.610	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.220%	
62) 4-Bromofluorobenzene	12.847	95	141728	59.909	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 119.820%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	505	0.339	ug/l #	43
5) Bromomethane	2.901	94	274	0.291	ug/l	91
6) Chloroethane	3.112	64	547	0.575	ug/l #	41
11) Tert butyl alcohol	5.494	59	880	2.319	ug/l #	71
16) Acetone	4.442	43	327	0.458	ug/l #	48
18) Methyl Acetate	5.018	43	586	0.275	ug/l #	56
31) Cyclohexane	8.218	56	3389	1.252	ug/l #	36
36) 1,1-Dichloropropene	8.224	75	11460	4.657	ug/l #	51
38) Carbon Tetrachloride	8.224	117	14753	5.323	ug/l #	18
43) Isopropyl Acetate	8.671	43	1630	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.565	43	1771	0.680	ug/l #	1
71) Bromoform	12.847	173	459	0.279	ug/l #	29
76) 1,2,3-Trichloropropane	12.847	75	76320	26.259	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	76320	57.119	ug/l #	6
88) 1,4-Dichlorobenzene	13.812	146	948	0.203	ug/l #	25

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

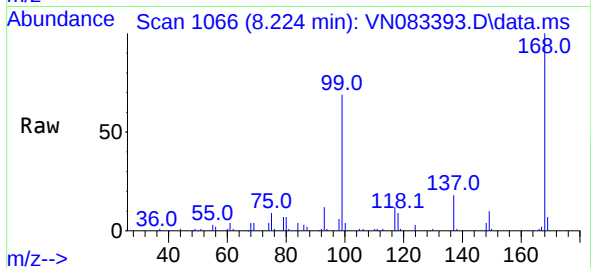
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:30:41 2024
Response via : Initial Calibration



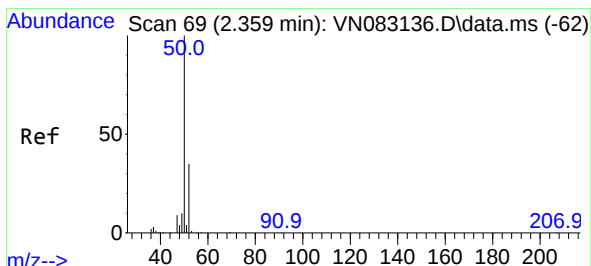
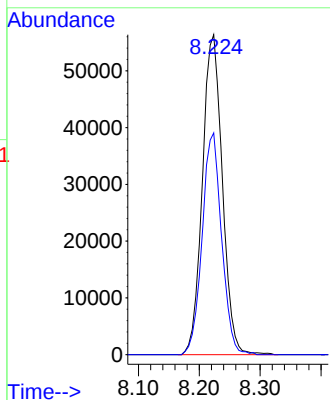
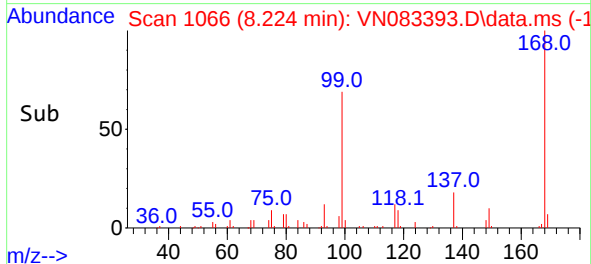


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083393.D
Acq: 20 Aug 2024 11:46

Instrument :
MSVOA_N
ClientSampleId :

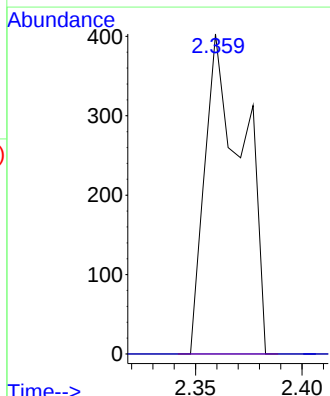
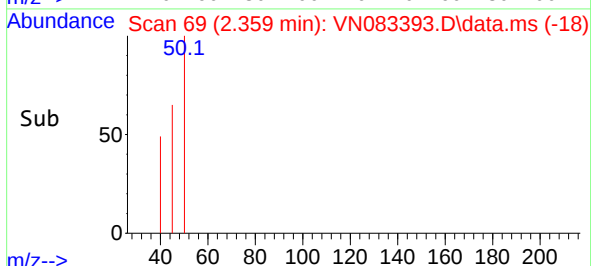
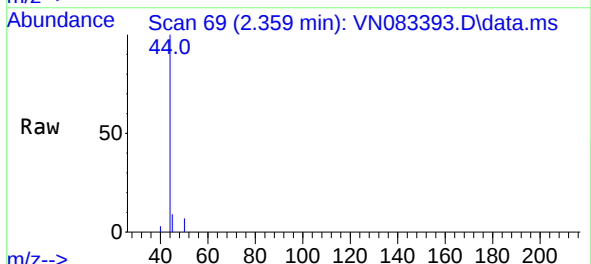


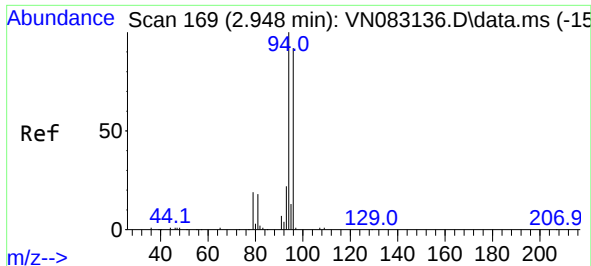
Tgt Ion:168 Resp: 128299
Ion Ratio Lower Upper
168 100
99 69.3 48.2 72.4



#3
Chloromethane
Concen: 0.339 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083393.D
Acq: 20 Aug 2024 11:46

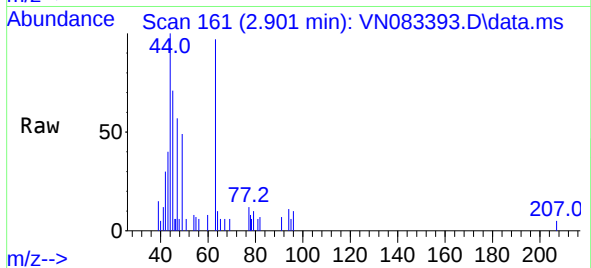
Tgt Ion: 50 Resp: 505
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#



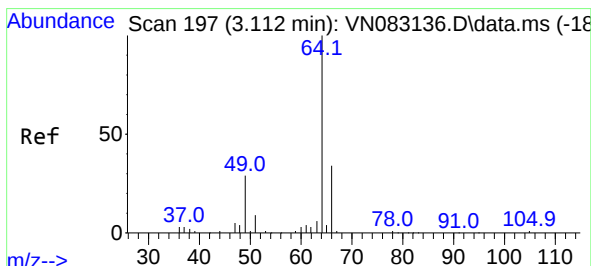
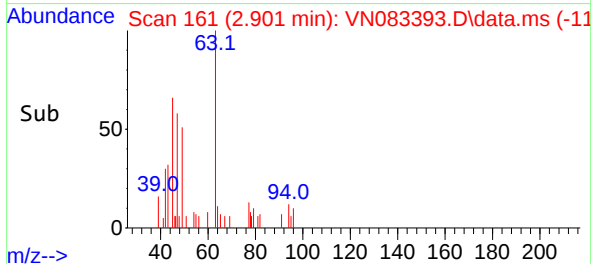
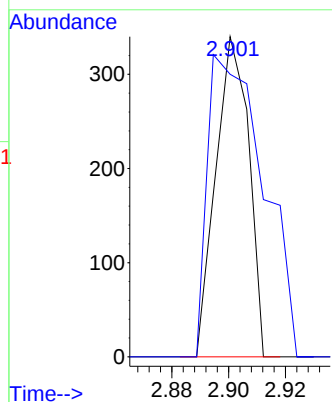


#5
Bromomethane
Concen: 0.291 ug/l
RT: 2.901 min Scan# 11
Delta R.T. -0.047 min
Lab File: VN083393.D
Acq: 20 Aug 2024 11:46

Instrument :
MSVOA_N
ClientSampleId :

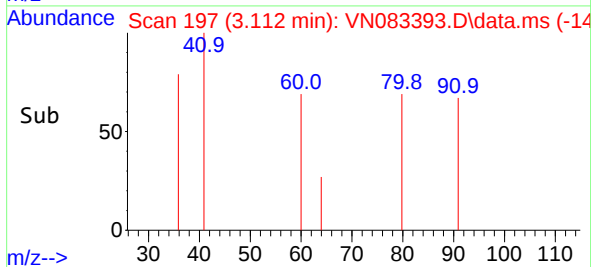
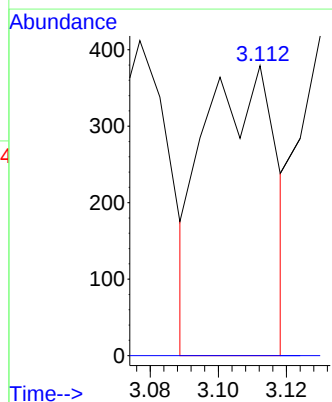
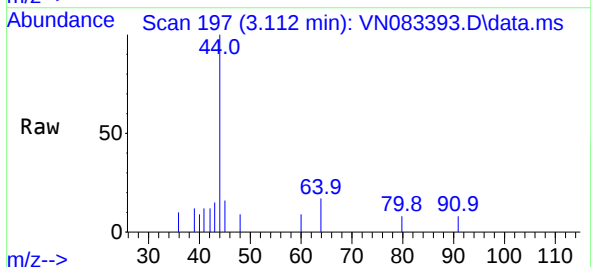


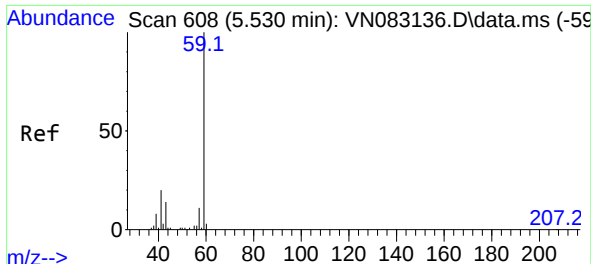
Tgt Ion: 94 Resp: 274
Ion Ratio Lower Upper
94 100
96 88.2 78.0 117.0



#6
Chloroethane
Concen: 0.575 ug/l
RT: 3.112 min Scan# 197
Delta R.T. 0.000 min
Lab File: VN083393.D
Acq: 20 Aug 2024 11:46

Tgt Ion: 64 Resp: 547
Ion Ratio Lower Upper
64 100
66 0.0 26.6 40.0#

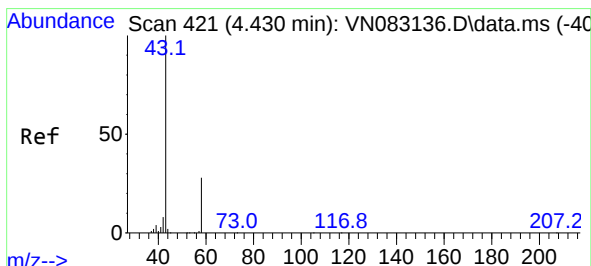
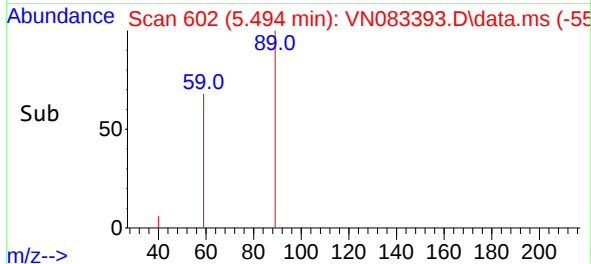
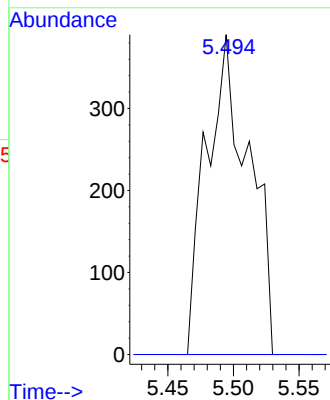
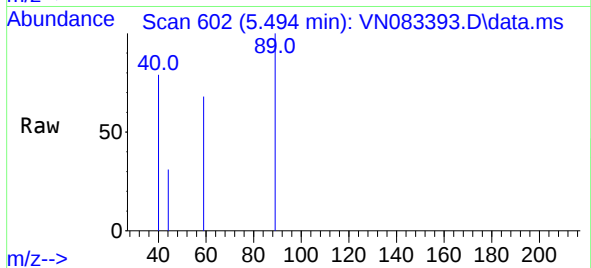




#11
Tert butyl alcohol
Concen: 2.319 ug/l
RT: 5.494 min Scan# 602
Delta R.T. -0.035 min
Lab File: VN083393.D
Acq: 20 Aug 2024 11:46

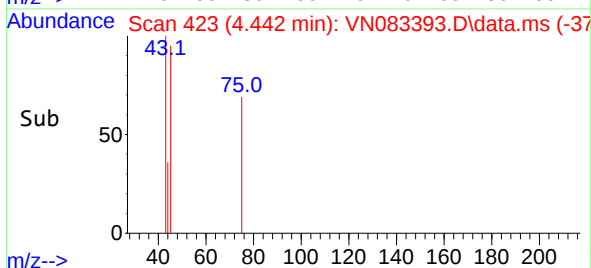
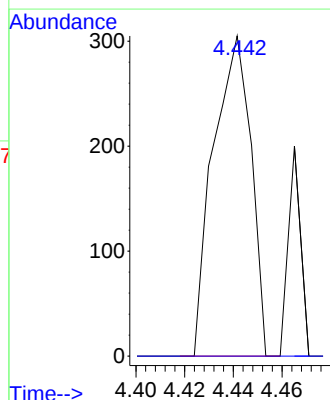
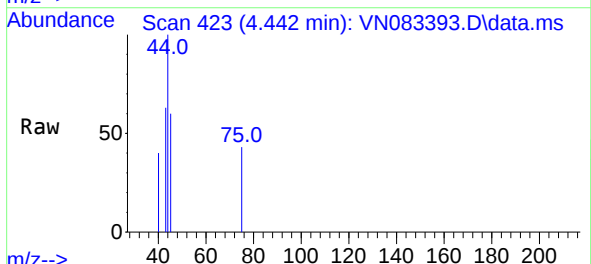
Instrument :
MSVOA_N
ClientSampleId :

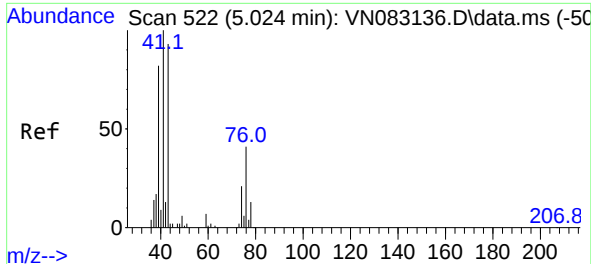
Tgt Ion: 59 Resp: 880
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#



#16
Acetone
Concen: 0.458 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN083393.D
Acq: 20 Aug 2024 11:46

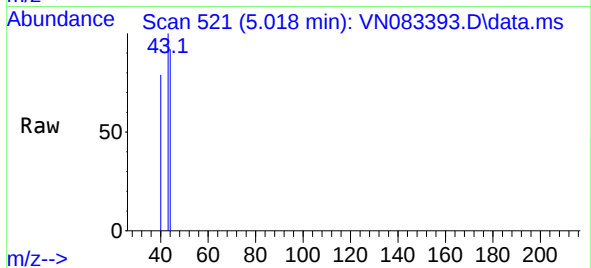
Tgt Ion: 43 Resp: 327
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#



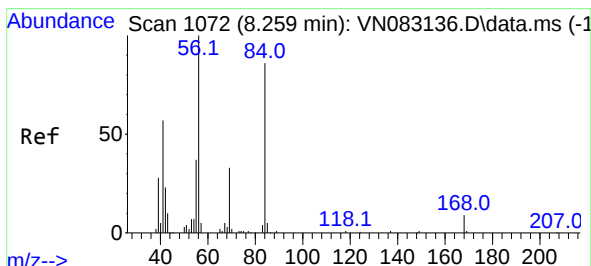
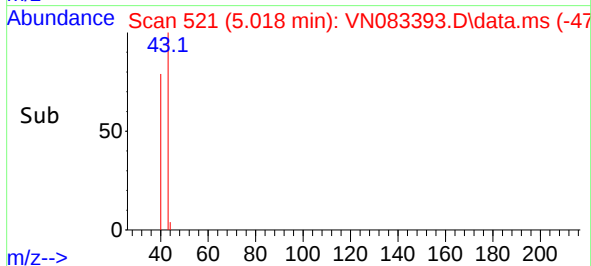
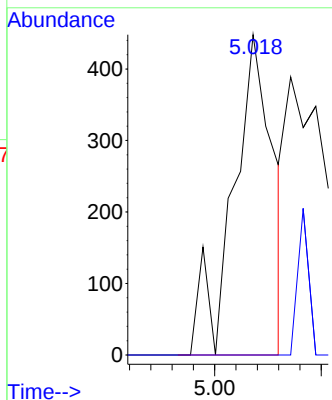


#18
Methyl Acetate
Concen: 0.275 ug/l
RT: 5.018 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN083393.D
Acq: 20 Aug 2024 11:46

Instrument :
MSVOA_N
ClientSampleId :

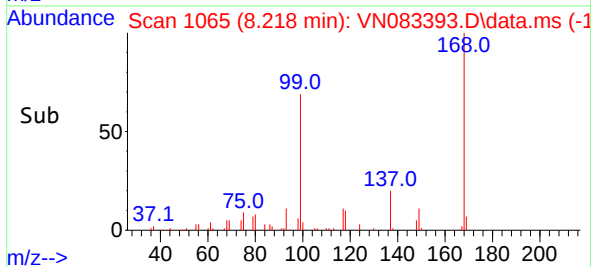
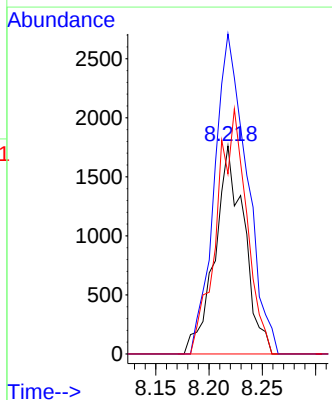
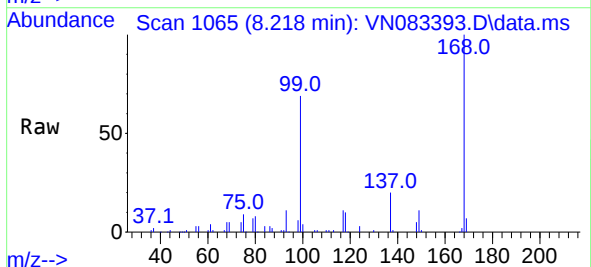


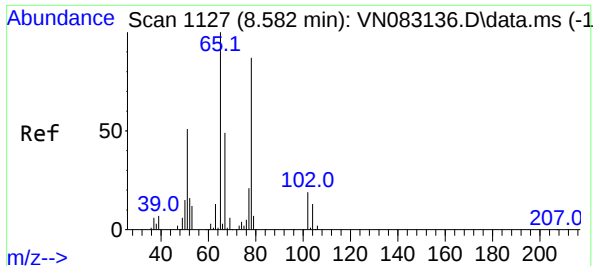
Tgt Ion: 43 Resp: 586
Ion Ratio Lower Upper
43 100
74 0.0 16.3 24.5#



#31
Cyclohexane
Concen: 1.252 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN083393.D
Acq: 20 Aug 2024 11:46

Tgt Ion: 56 Resp: 3389
Ion Ratio Lower Upper
56 100
69 153.8 24.5 36.7#
84 86.6 66.0 99.0

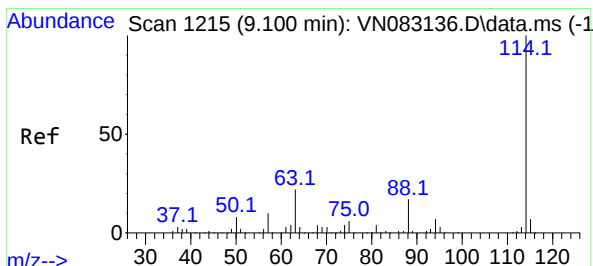
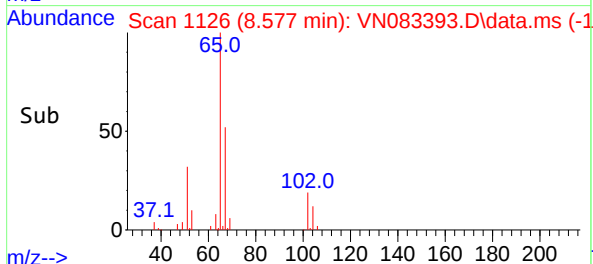
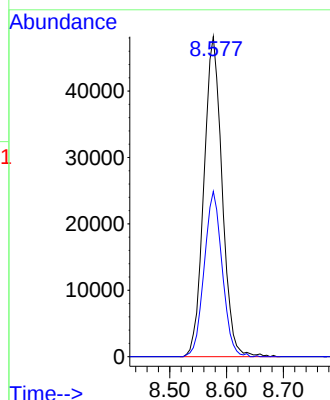
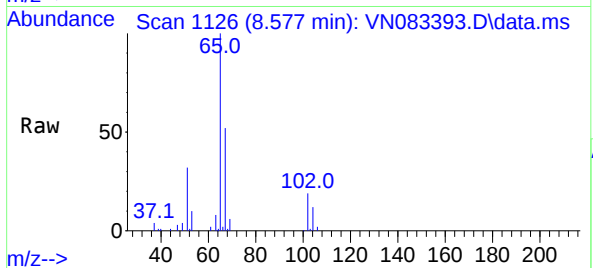




#33
1,2-Dichloroethane-d4
Concen: 58.732 ug/l
RT: 8.577 min Scan# 1127
Delta R.T. -0.005 min
Lab File: VN083393.D
Acq: 20 Aug 2024 11:46

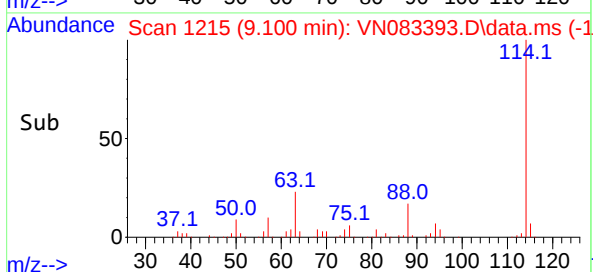
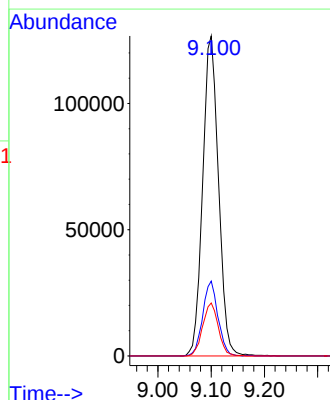
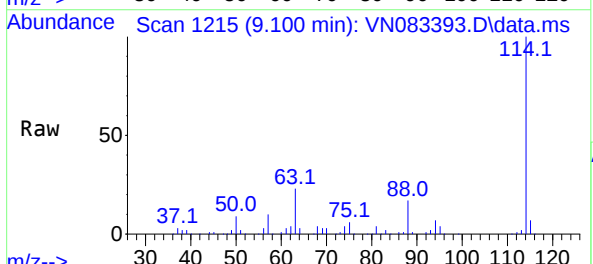
Instrument :
MSVOA_N
ClientSampleId :

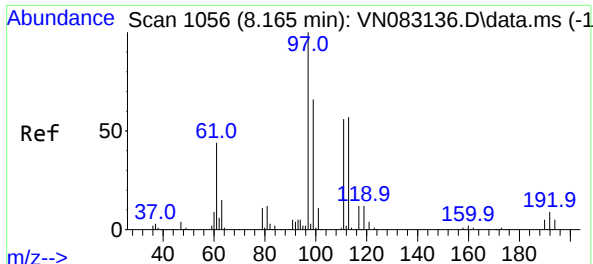
Tgt Ion: 65 Resp: 107256
Ion Ratio Lower Upper
65 100
67 50.9 0.0 104.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN083393.D
Acq: 20 Aug 2024 11:46

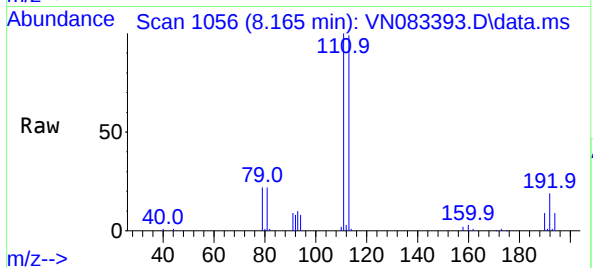
Tgt Ion: 114 Resp: 260624
Ion Ratio Lower Upper
114 100
63 23.4 0.0 44.6
88 16.6 0.0 31.4



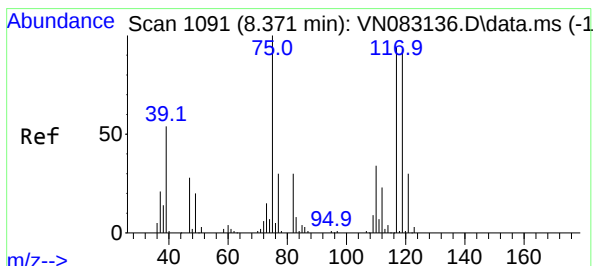
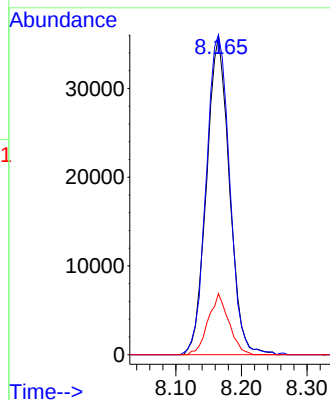
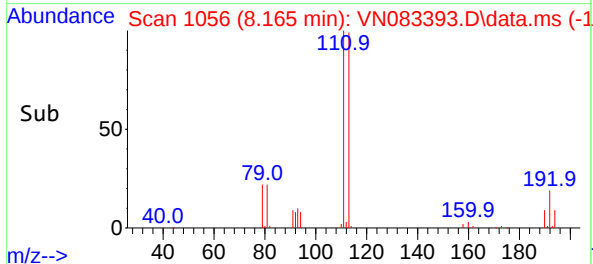


#35
Dibromofluoromethane
Concen: 53.270 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083393.D
Acq: 20 Aug 2024 11:46

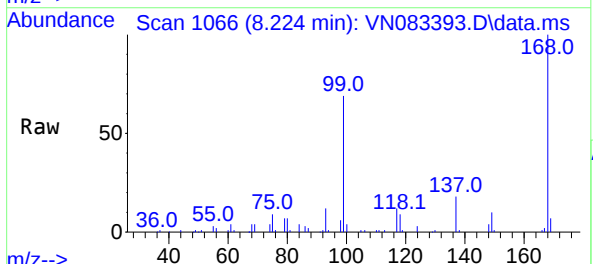
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MSVOA_N
ClientSampleId :



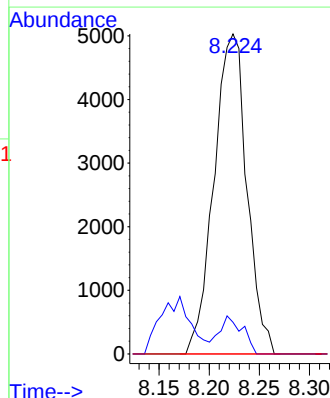
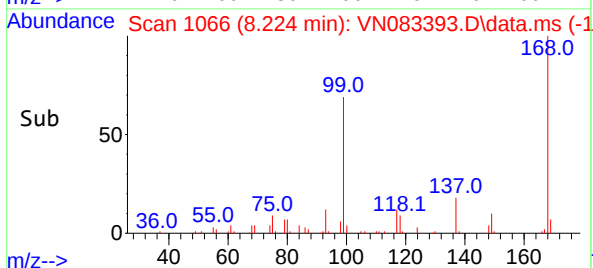
Tgt Ion:113 Resp: 86658
Ion Ratio Lower Upper
113 100
111 103.2 82.4 123.6
192 17.4 14.9 22.3

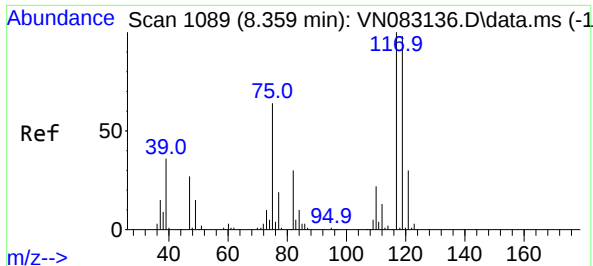


#36
1,1-Dichloropropene
Concen: 4.657 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN083393.D
Acq: 20 Aug 2024 11:46



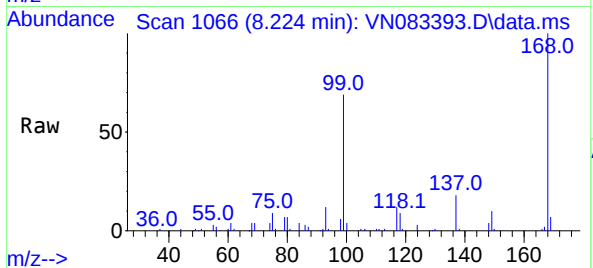
Tgt Ion: 75 Resp: 11460
Ion Ratio Lower Upper
75 100
110 8.4 16.3 48.9#
77 0.0 24.6 37.0#



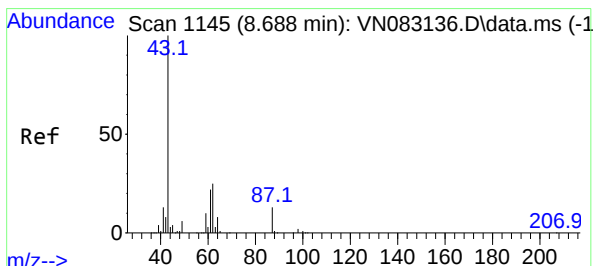
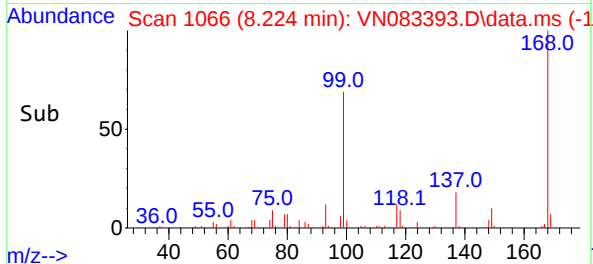
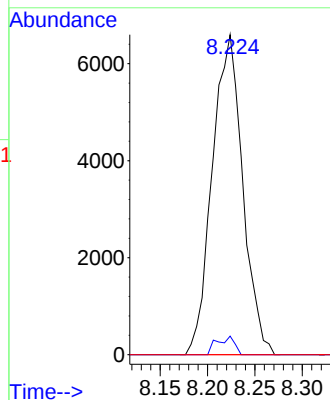


#38
Carbon Tetrachloride
Concen: 5.323 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN083393.D
Acq: 20 Aug 2024 11:46

Instrument :
MSVOA_N
ClientSampleId :

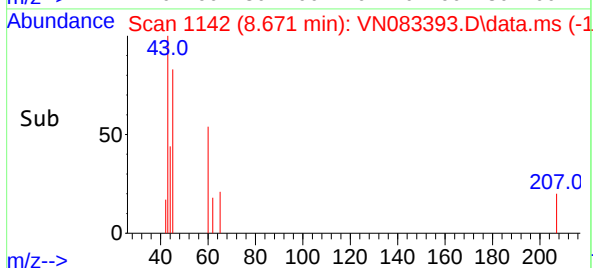
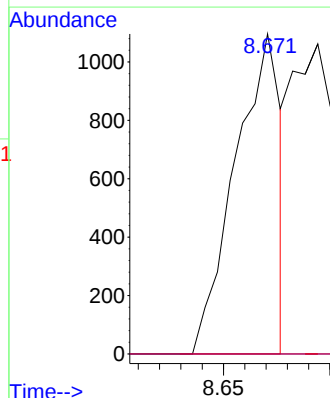
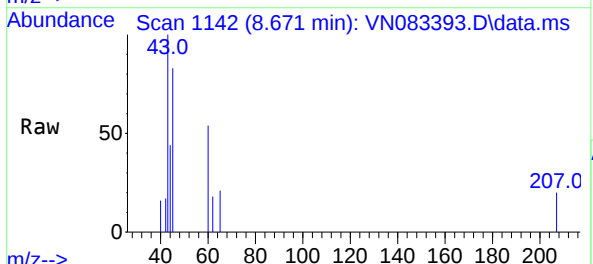


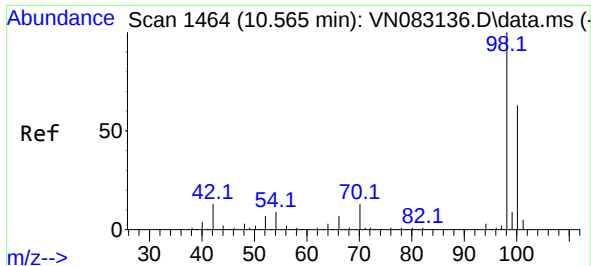
Tgt Ion:117 Resp: 14753
Ion Ratio Lower Upper
117 100
119 5.8 74.9 112.3#
121 0.0 24.3 36.5#



#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.671 min Scan# 1142
Delta R.T. -0.017 min
Lab File: VN083393.D
Acq: 20 Aug 2024 11:46

Tgt Ion: 43 Resp: 1630
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#

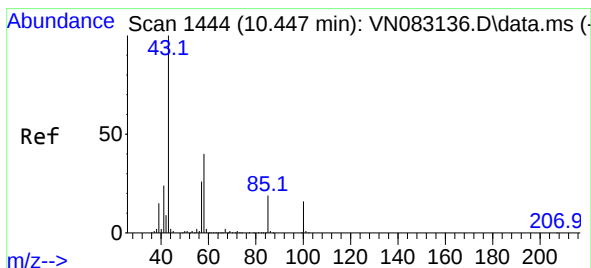
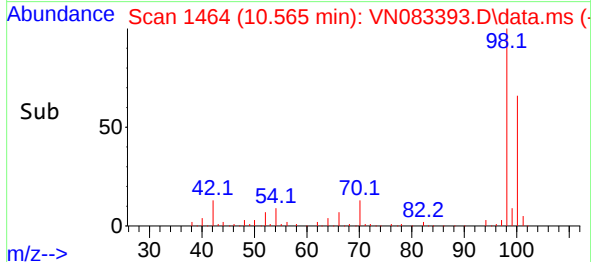
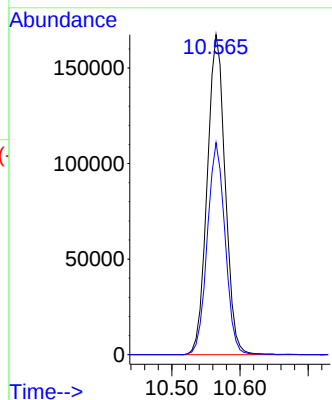
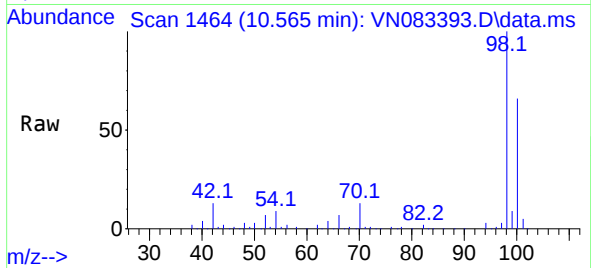




#50
Toluene-d8
Concen: 50.610 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083393.D
Acq: 20 Aug 2024 11:46

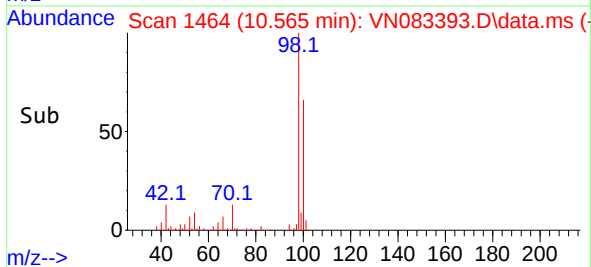
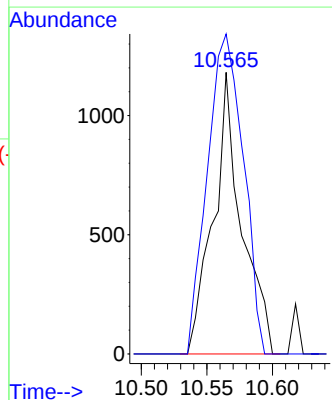
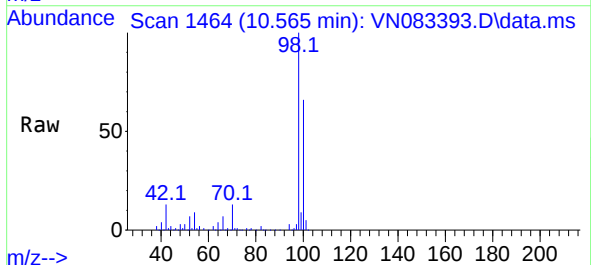
Instrument :
MSVOA_N
ClientSampleId :

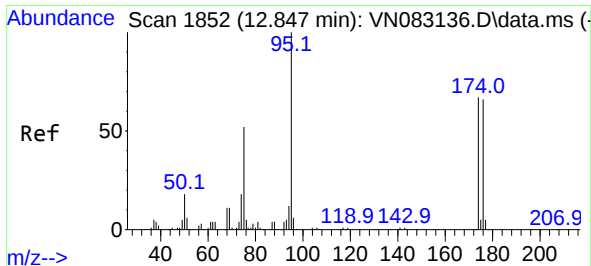
Tgt Ion: 98 Resp: 307110
Ion Ratio Lower Upper
98 100
100 65.6 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.680 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.118 min
Lab File: VN083393.D
Acq: 20 Aug 2024 11:46

Tgt Ion: 43 Resp: 1771
Ion Ratio Lower Upper
43 100
58 144.6 28.2 42.4#

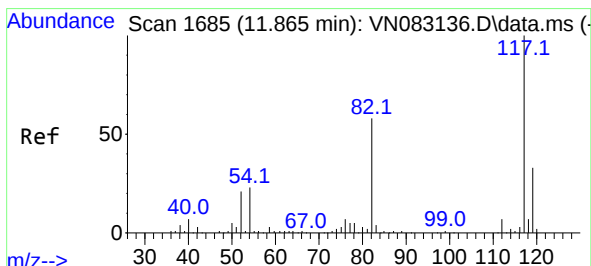
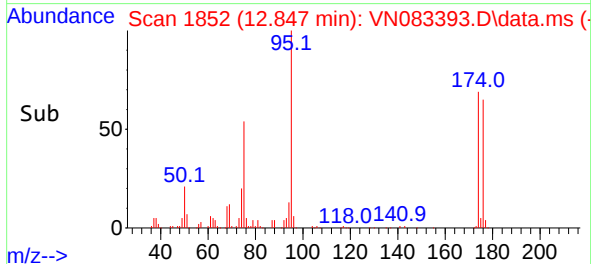
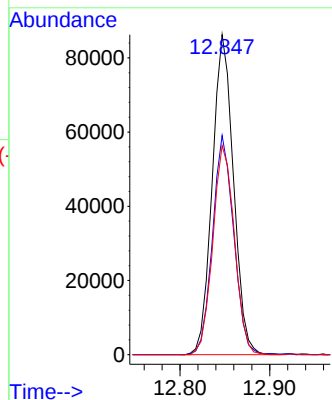
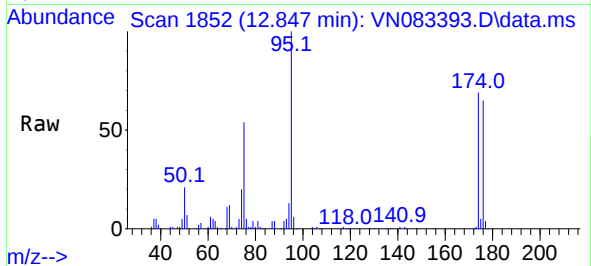




#62
4-Bromofluorobenzene
Concen: 59.909 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083393.D
Acq: 20 Aug 2024 11:46

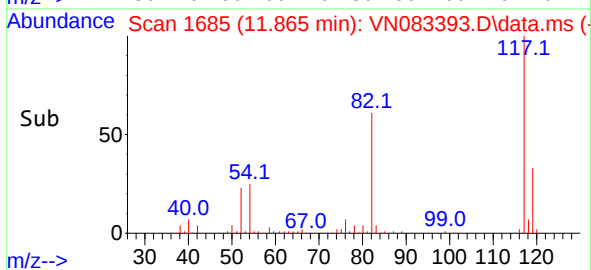
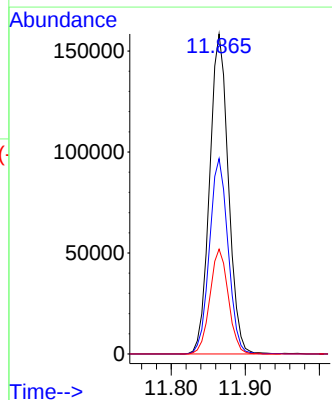
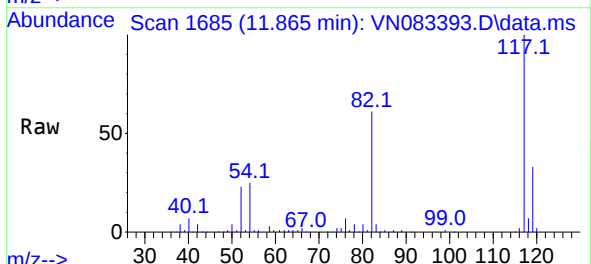
Instrument :
MSVOA_N
ClientSampleId :

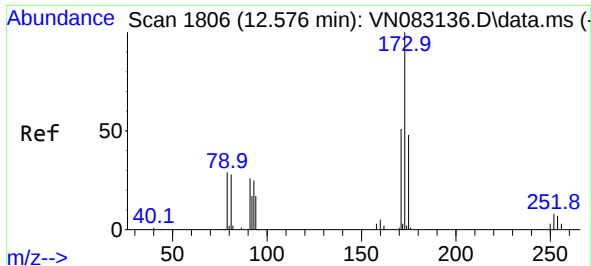
Tgt Ion: 95 Resp: 141728
Ion Ratio Lower Upper
95 100
174 68.3 0.0 159.2
176 66.3 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083393.D
Acq: 20 Aug 2024 11:46

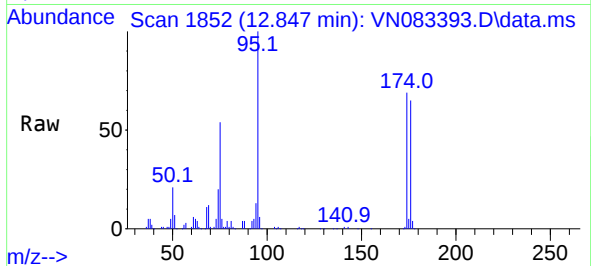
Tgt Ion: 117 Resp: 279064
Ion Ratio Lower Upper
117 100
82 61.0 47.5 71.3
119 32.8 25.6 38.4



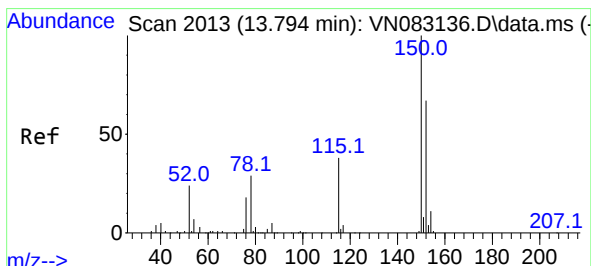
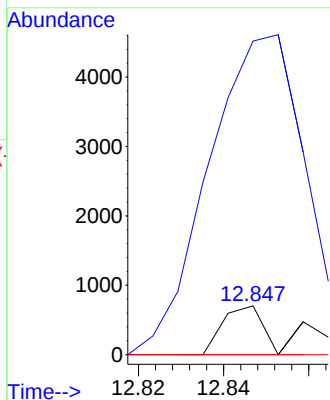
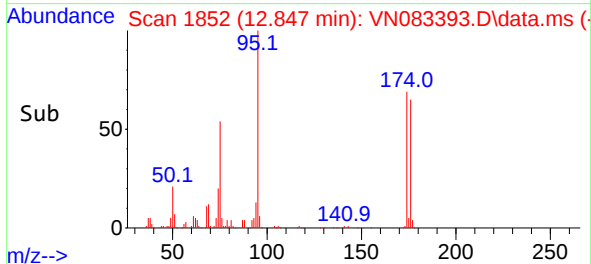


#71
Bromoform
Concen: 0.279 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.271 min
Lab File: VN083393.D
Acq: 20 Aug 2024 11:46

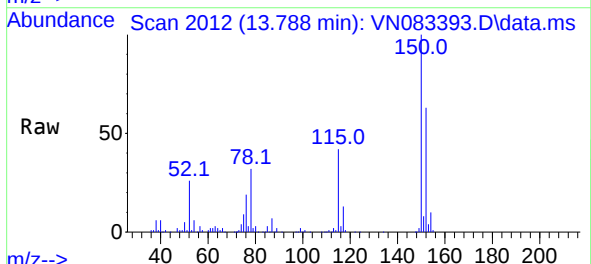
Instrument :
MSVOA_N
ClientSampleId :



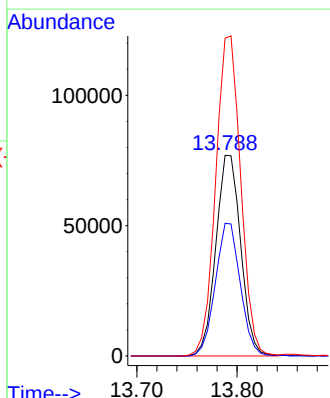
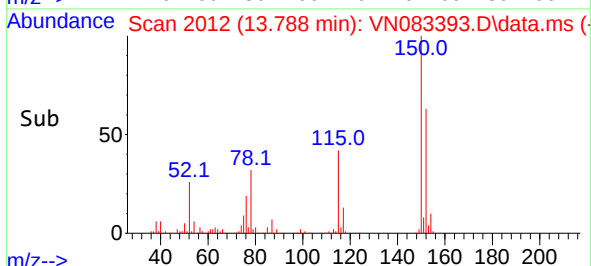
Tgt Ion:173 Resp: 459
Ion Ratio Lower Upper
173 100
175 0.0 24.0 72.0#
254 0.0 0.0 0.0

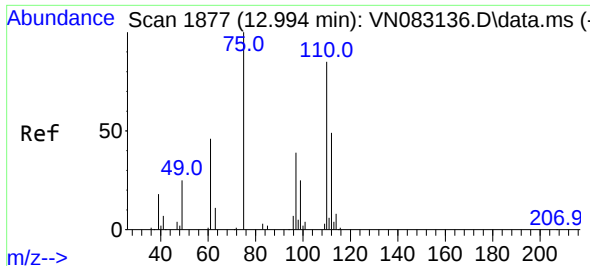


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN083393.D
Acq: 20 Aug 2024 11:46



Tgt Ion:152 Resp: 132428
Ion Ratio Lower Upper
152 100
115 66.4 30.6 91.6
150 160.6 0.0 348.6

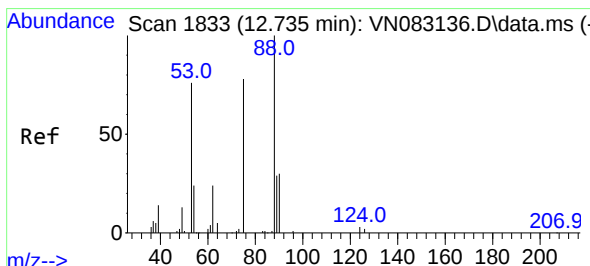
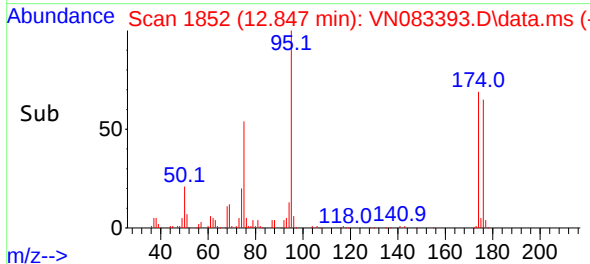
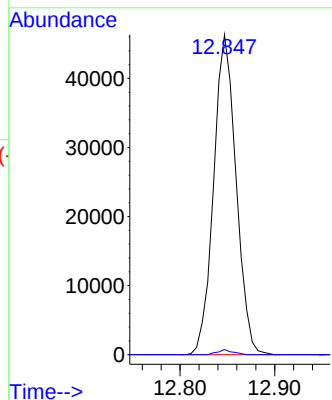
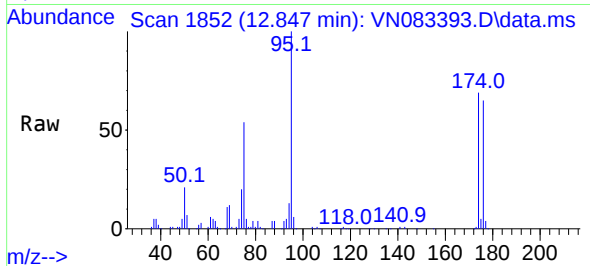




#76
1,2,3-Trichloropropane
Concen: 26.259 ug/l
RT: 12.847 min Scan# 1877
Delta R.T. -0.147 min
Lab File: VN083393.D
Acq: 20 Aug 2024 11:46

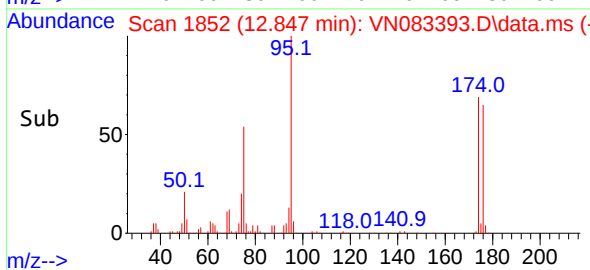
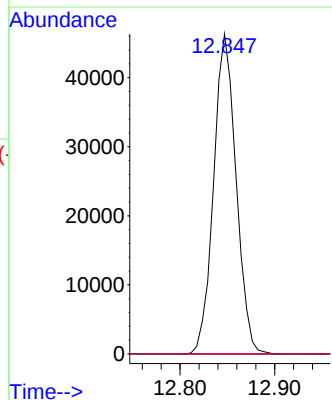
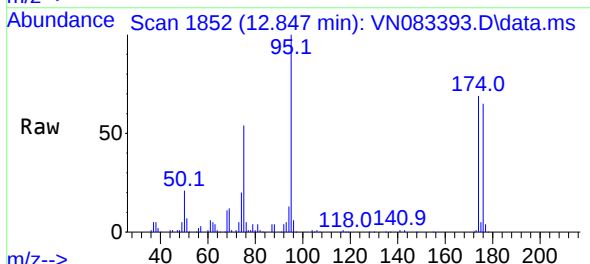
Instrument :
MSVOA_N
ClientSampleId :

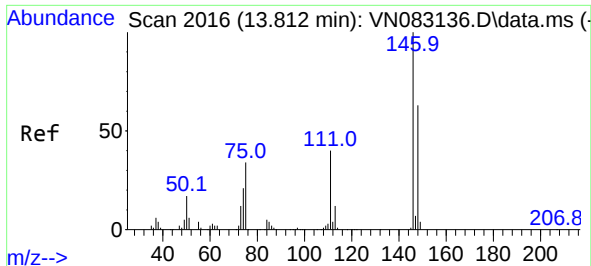
Tgt Ion: 75 Resp: 76320
Ion Ratio Lower Upper
75 100
77 1.1 110.9 332.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 57.119 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN083393.D
Acq: 20 Aug 2024 11:46

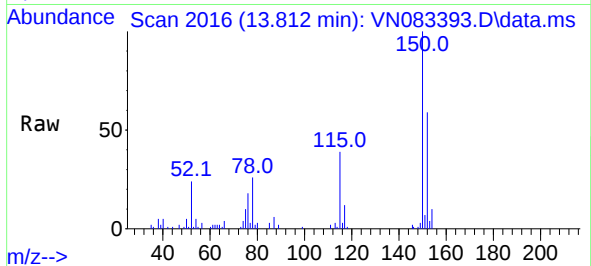
Tgt Ion: 75 Resp: 76320
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#





#88
 1,4-Dichlorobenzene
 Concen: 0.203 ug/l
 RT: 13.812 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN083393.D
 Acq: 20 Aug 2024 11:46

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:146 Resp: 948
 Ion Ratio Lower Upper
 146 100
 111 0.0 20.1 60.3#
 148 0.0 32.2 96.6#

