

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082024\
 Data File : VN083397.D
 Acq On : 20 Aug 2024 13:48
 Operator : JC\MD
 Sample : P3646-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 21 02:24:24 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)

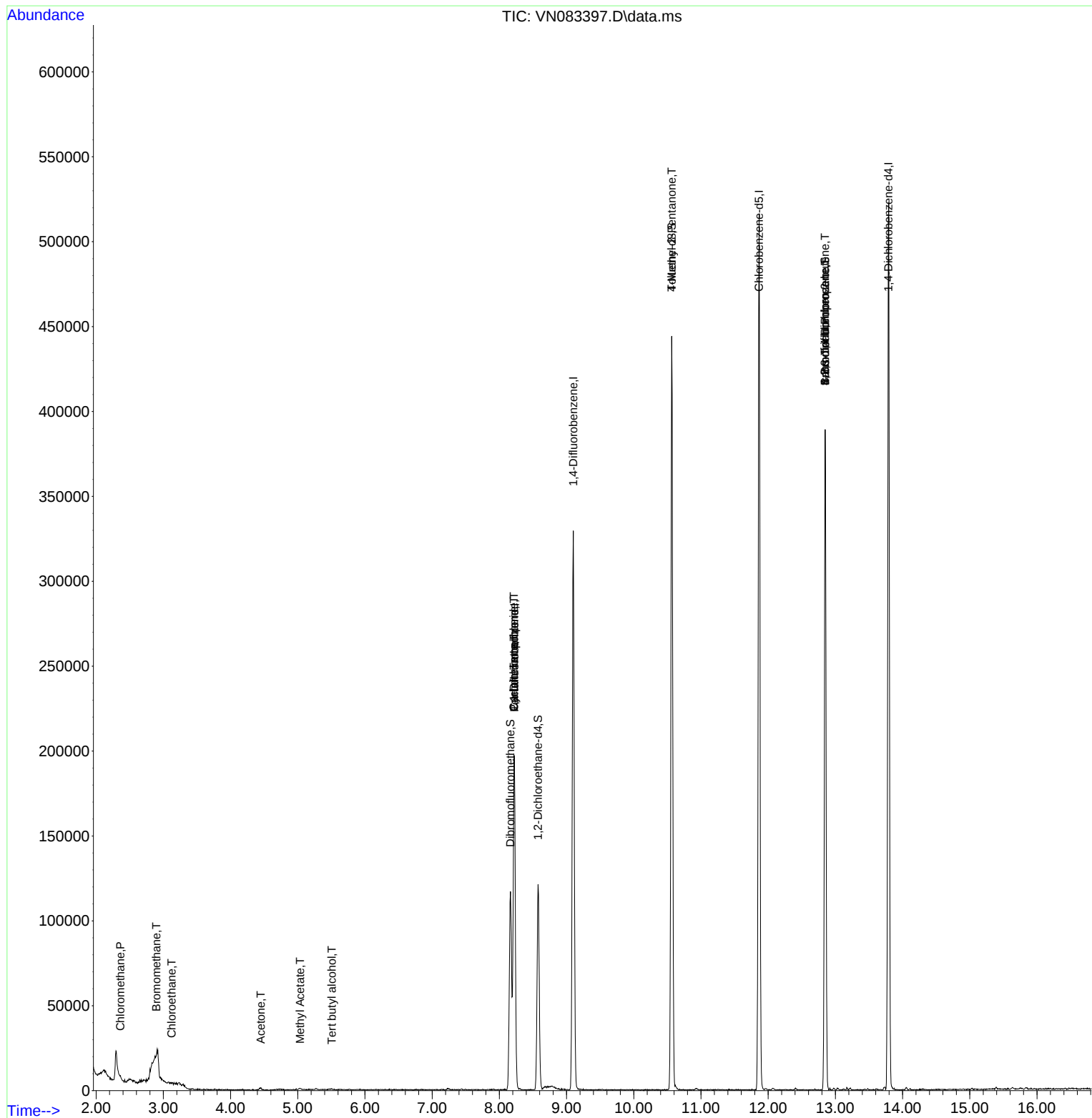
Internal Standards						
1) Pentafluorobenzene	8.224	168	135858	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	273921	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	288994	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	136718	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	104539	54.059	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 108.120%		
35) Dibromofluoromethane	8.165	113	85418	49.959	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 99.920%		
50) Toluene-d8	10.565	98	299439	46.950	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 93.900%		
62) 4-Bromofluorobenzene	12.847	95	137603	55.342	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 110.680%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	750	0.475	ug/l #	43
5) Bromomethane	2.895	94	423	0.424	ug/l #	1
6) Chloroethane	3.124	64	316	0.314	ug/l #	41
11) Tert butyl alcohol	5.506	59	199	0.495	ug/l #	71
16) Acetone	4.447	43	1267	1.674	ug/l #	48
18) Methyl Acetate	5.036	43	1703	0.755	ug/l #	71
31) Cyclohexane	8.218	56	3529	1.231	ug/l #	45
36) 1,1-Dichloropropene	8.218	75	12575	4.862	ug/l #	51
38) Carbon Tetrachloride	8.218	117	15381	5.280	ug/l #	16
43) Isopropyl Acetate	8.682	43	1456	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.565	43	1661	0.607	ug/l #	1
71) Bromoform	12.847	173	717	0.420	ug/l #	29
76) 1,2,3-Trichloropropane	12.847	75	75098	25.027	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	75098	54.441	ug/l #	6

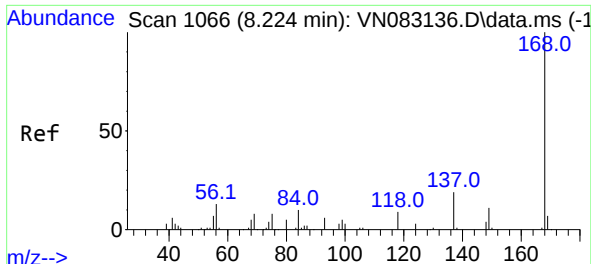
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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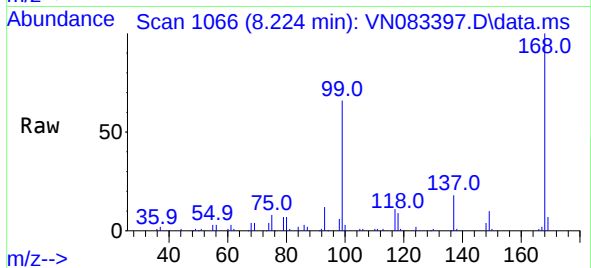
Quant Time: Aug 21 02:24:24 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:30:41 2024
Response via : Initial Calibration



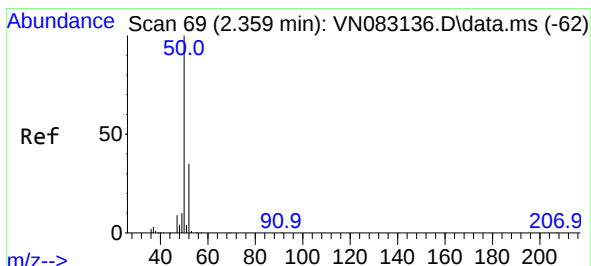
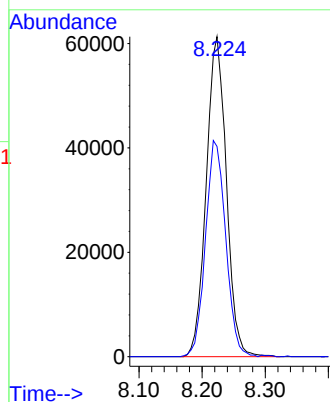
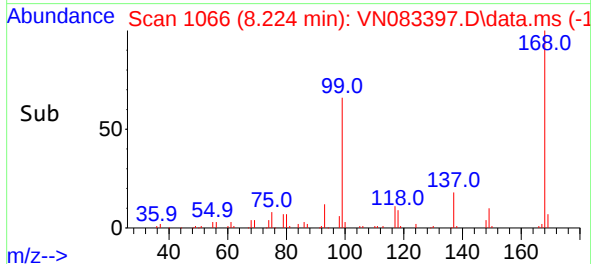


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083397.D
Acq: 20 Aug 2024 13:48

Instrument :
MSVOA_N
ClientSampleId :

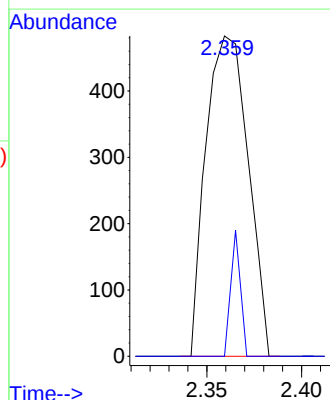
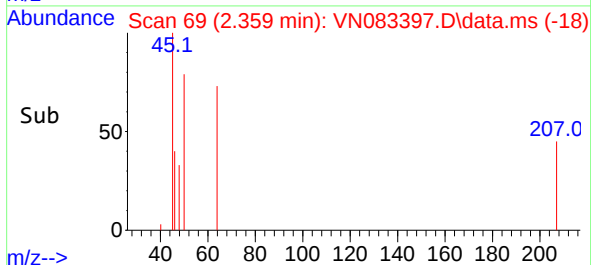
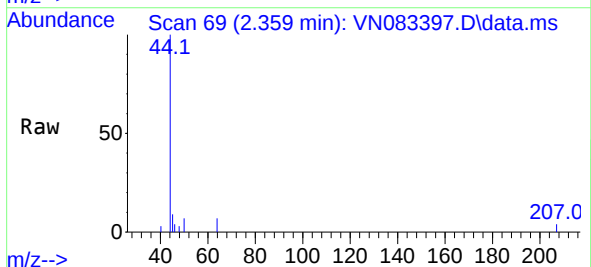


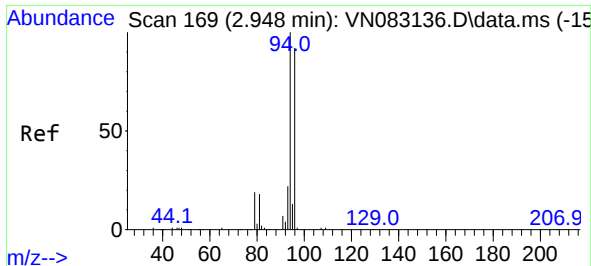
Tgt Ion:168 Resp: 135858
Ion Ratio Lower Upper
168 100
99 65.7 48.2 72.4



#3
Chloromethane
Concen: 0.475 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN083397.D
Acq: 20 Aug 2024 13:48

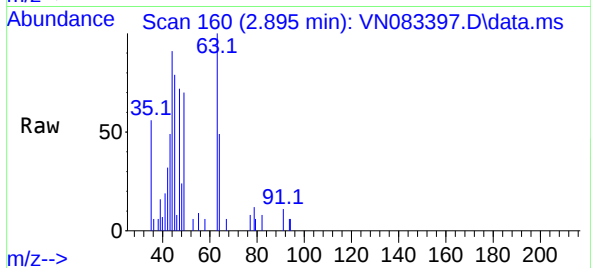
Tgt Ion: 50 Resp: 750
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#



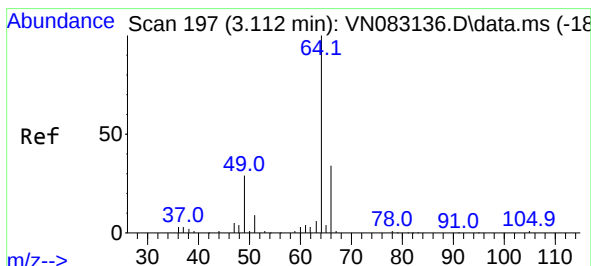
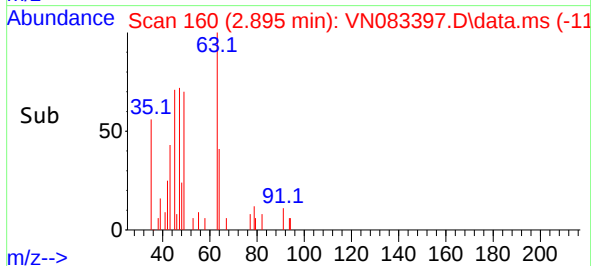
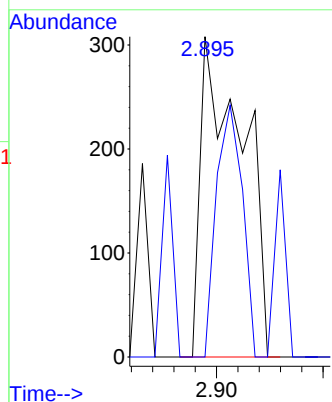


#5
Bromomethane
Concen: 0.424 ug/l
RT: 2.895 min Scan# 11
Delta R.T. -0.053 min
Lab File: VN083397.D
Acq: 20 Aug 2024 13:48

Instrument :
MSVOA_N
ClientSampleId :

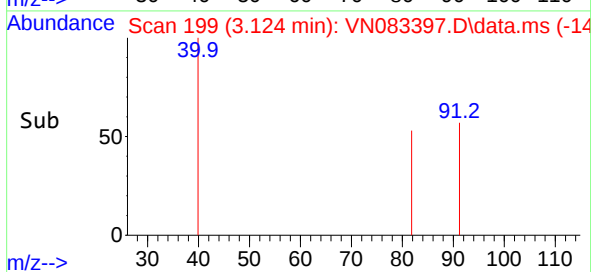
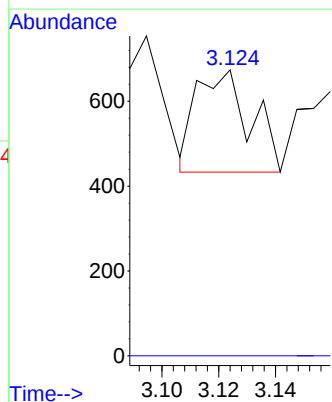
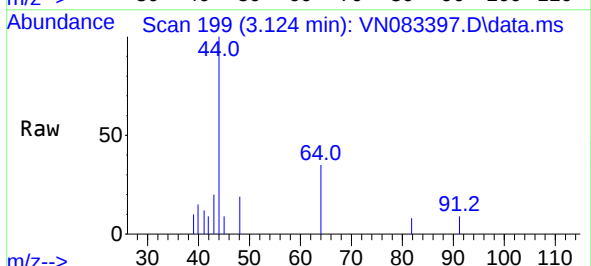


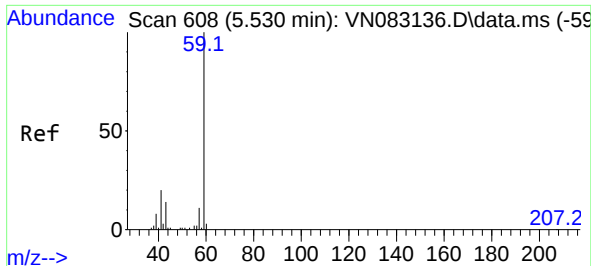
Tgt Ion: 94 Resp: 423
Ion Ratio Lower Upper
94 100
96 0.0 78.0 117.0#



#6
Chloroethane
Concen: 0.314 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.012 min
Lab File: VN083397.D
Acq: 20 Aug 2024 13:48

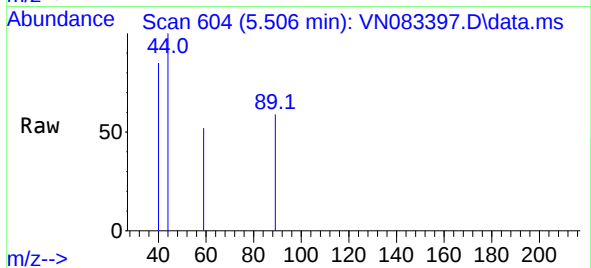
Tgt Ion: 64 Resp: 316
Ion Ratio Lower Upper
64 100
66 0.0 26.6 40.0#



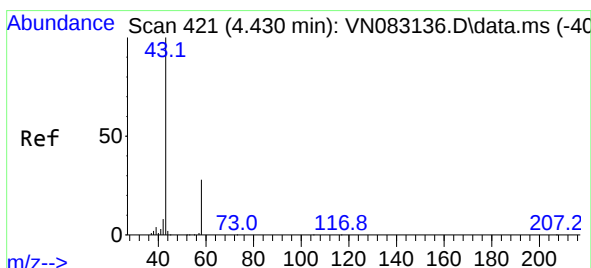
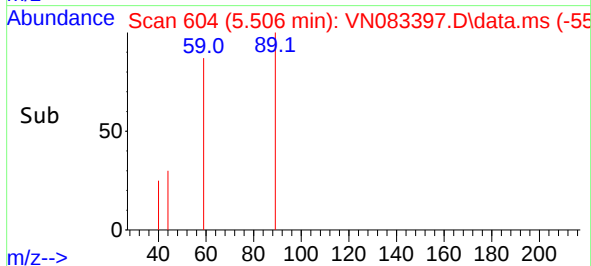
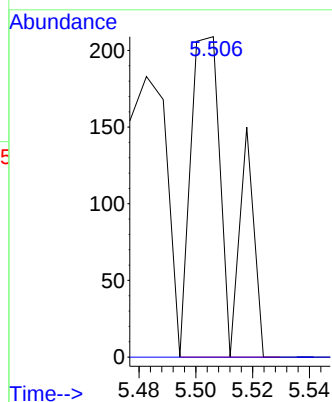


#11
Tert butyl alcohol
Concen: 0.495 ug/l
RT: 5.506 min Scan# 604
Delta R.T. -0.024 min
Lab File: VN083397.D
Acq: 20 Aug 2024 13:48

Instrument :
MSVOA_N
ClientSampleId :

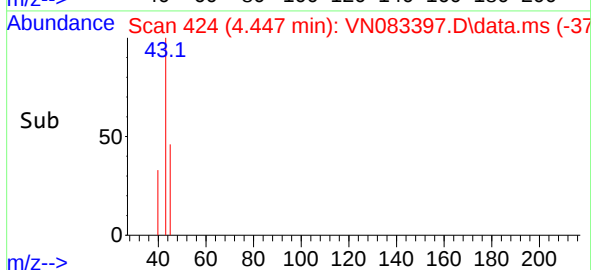
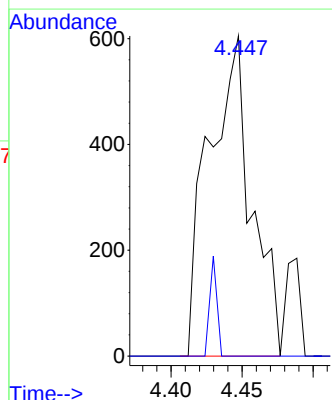
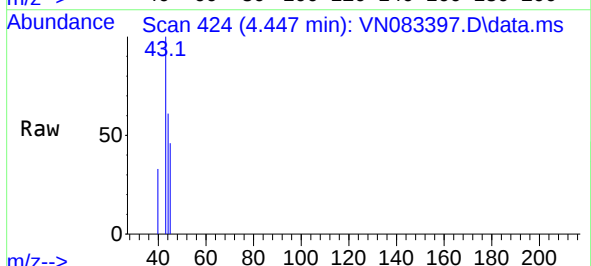


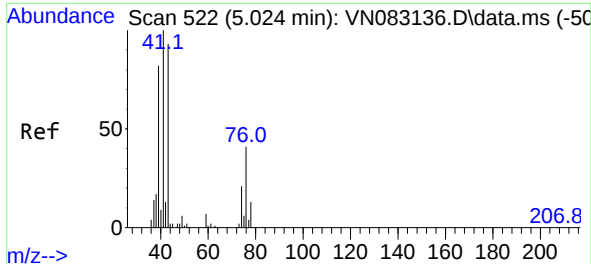
Tgt Ion: 59 Resp: 199
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#



#16
Acetone
Concen: 1.674 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.018 min
Lab File: VN083397.D
Acq: 20 Aug 2024 13:48

Tgt Ion: 43 Resp: 1267
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#





#18

Methyl Acetate

Concen: 0.755 ug/l

RT: 5.036 min Scan# 51

Delta R.T. 0.012 min

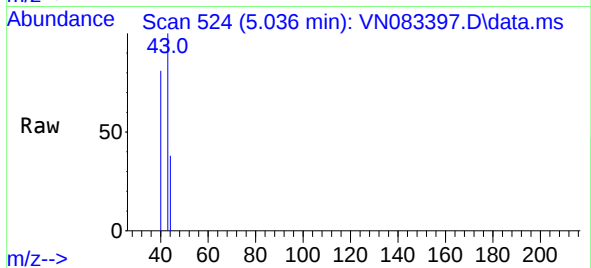
Lab File: VN083397.D

Acq: 20 Aug 2024 13:48

Instrument :

MSVOA_N

ClientSampleId :

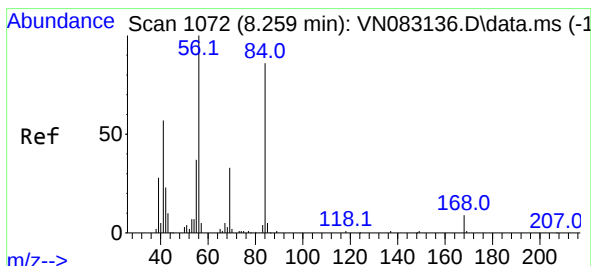
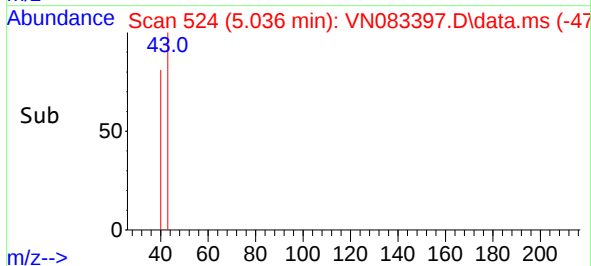
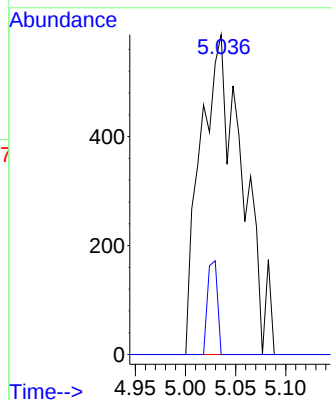


Tgt Ion: 43 Resp: 1703

Ion Ratio Lower Upper

43 100

74 6.9 16.3 24.5#



#31

Cyclohexane

Concen: 1.231 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.041 min

Lab File: VN083397.D

Acq: 20 Aug 2024 13:48

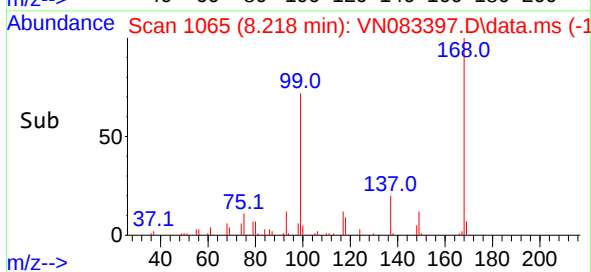
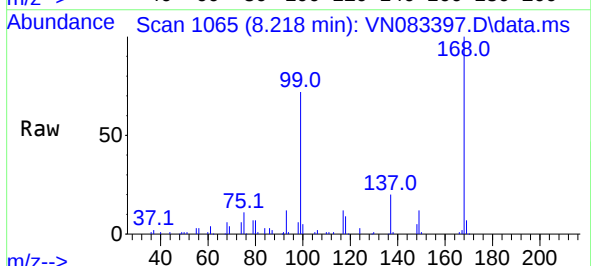
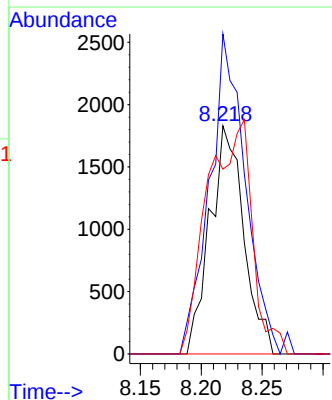
Tgt Ion: 56 Resp: 3529

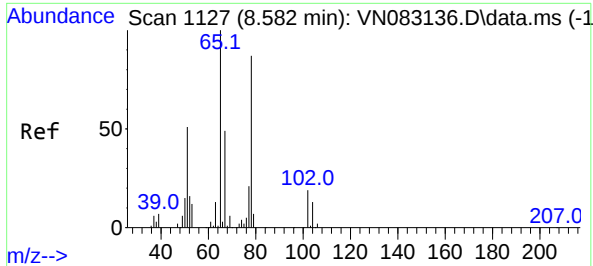
Ion Ratio Lower Upper

56 100

69 140.3 24.5 36.7#

84 81.0 66.0 99.0

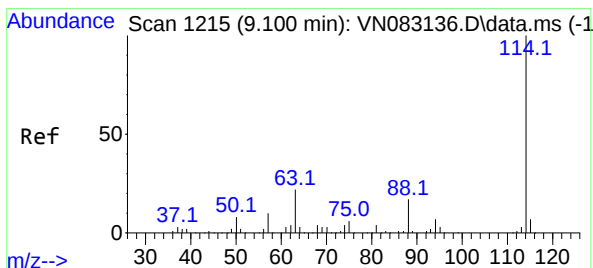
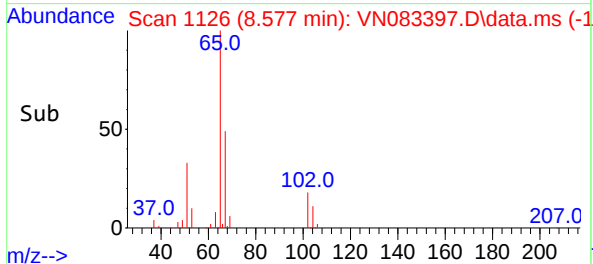
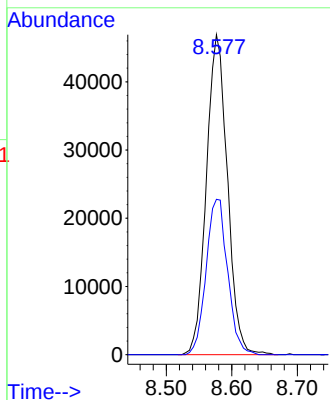
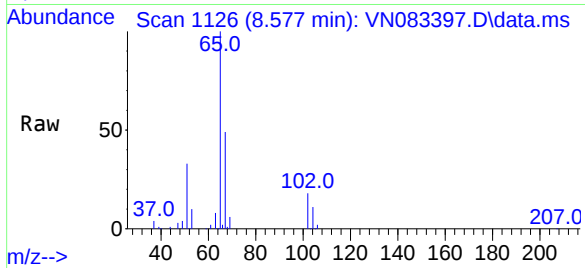




#33
1,2-Dichloroethane-d4
Concen: 54.059 ug/l
RT: 8.577 min Scan# 1127
Delta R.T. -0.005 min
Lab File: VN083397.D
Acq: 20 Aug 2024 13:48

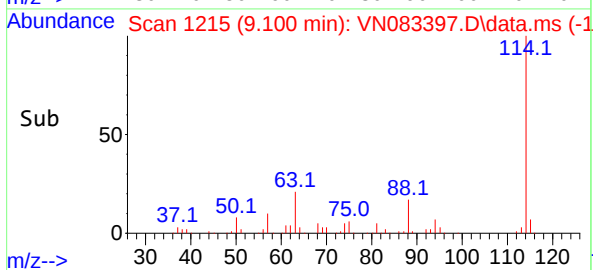
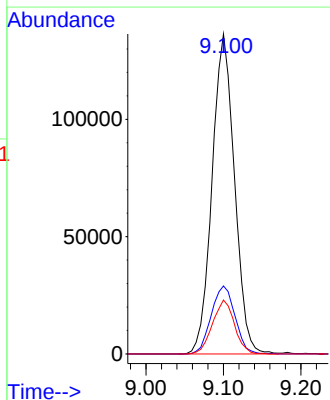
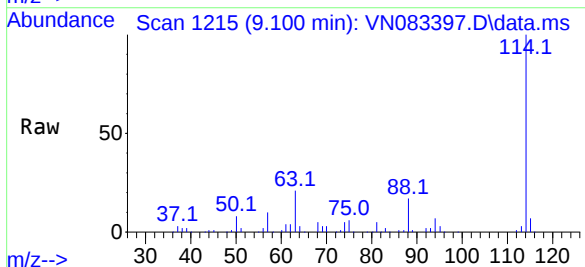
Instrument :
MSVOA_N
ClientSampleId :

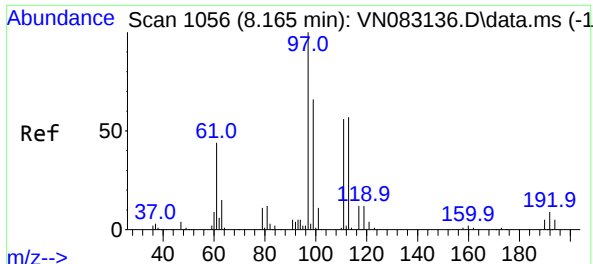
Tgt Ion: 65 Resp: 104539
Ion Ratio Lower Upper
65 100
67 49.6 0.0 104.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN083397.D
Acq: 20 Aug 2024 13:48

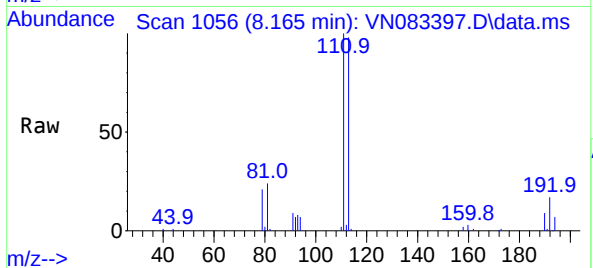
Tgt Ion: 114 Resp: 273921
Ion Ratio Lower Upper
114 100
63 21.2 0.0 44.6
88 16.9 0.0 31.4



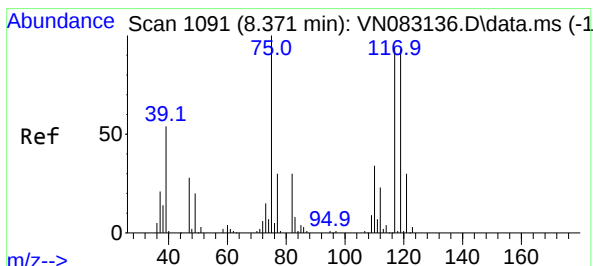
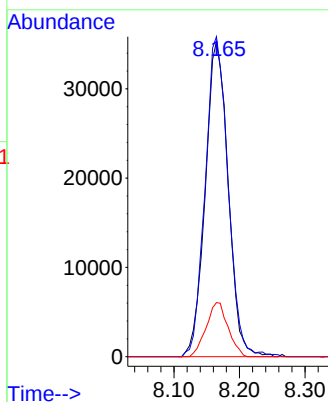
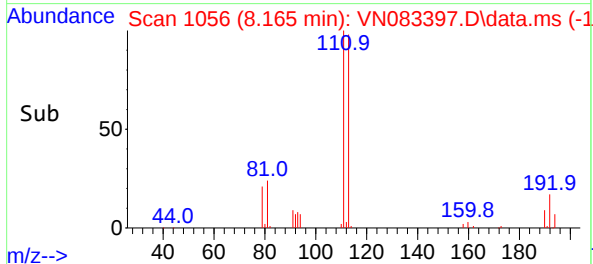


#35
Dibromofluoromethane
Concen: 49.959 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083397.D
Acq: 20 Aug 2024 13:48

Instrument :
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ClientSampleId :

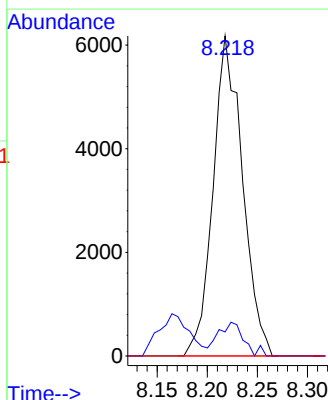
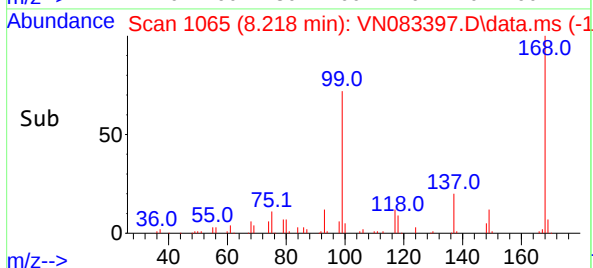
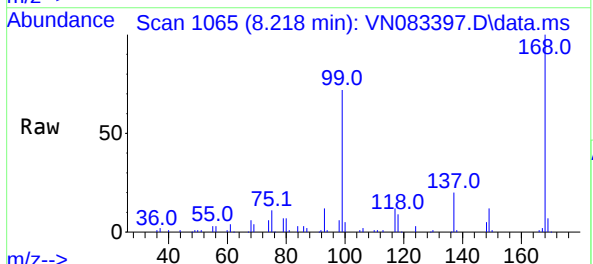


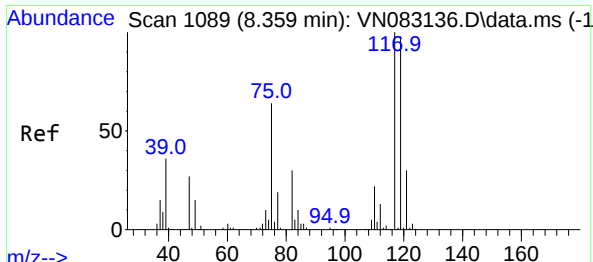
Tgt Ion:113 Resp: 85418
Ion Ratio Lower Upper
113 100
111 101.9 82.4 123.6
192 16.5 14.9 22.3



#36
1,1-Dichloropropene
Concen: 4.862 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.153 min
Lab File: VN083397.D
Acq: 20 Aug 2024 13:48

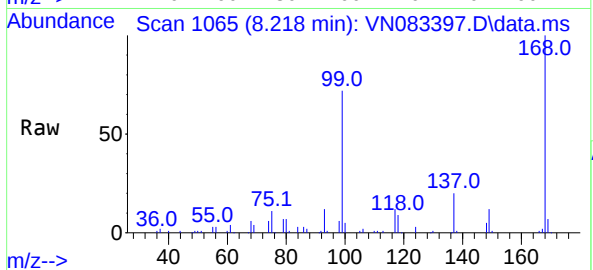
Tgt Ion: 75 Resp: 12575
Ion Ratio Lower Upper
75 100
110 9.2 16.3 48.9#
77 0.0 24.6 37.0#



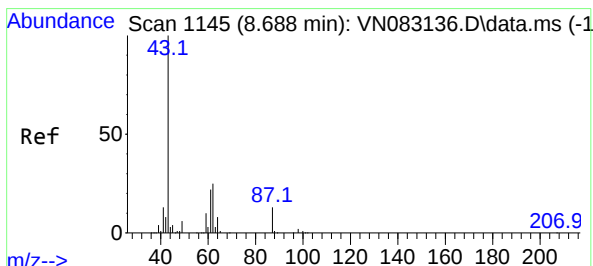
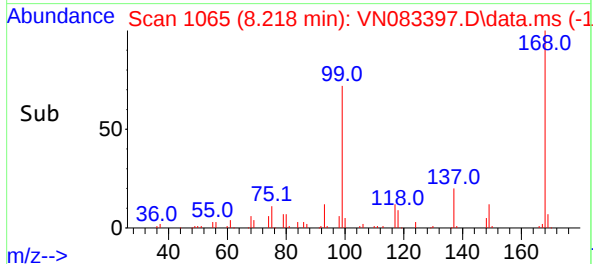
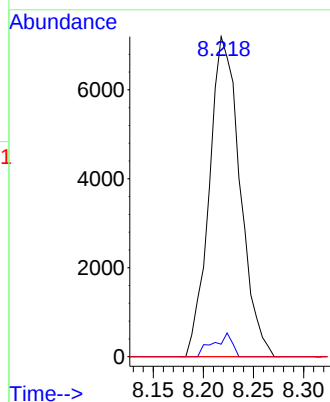


#38
Carbon Tetrachloride
Concen: 5.280 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.141 min
Lab File: VN083397.D
Acq: 20 Aug 2024 13:48

Instrument :
MSVOA_N
ClientSampleId :

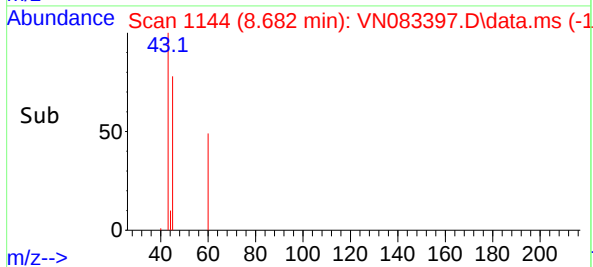
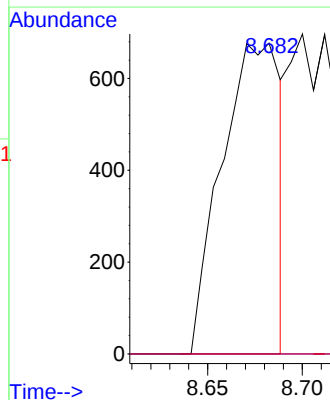
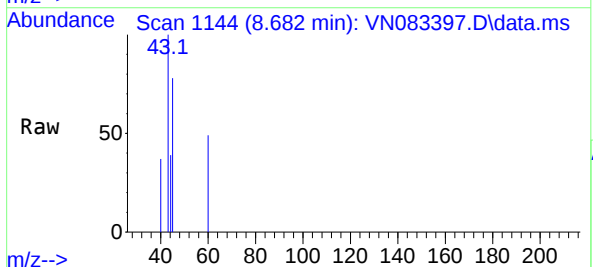


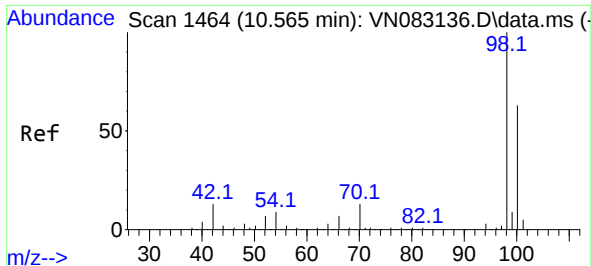
Tgt Ion:117 Resp: 15381
Ion Ratio Lower Upper
117 100
119 3.9 74.9 112.3#
121 0.0 24.3 36.5#



#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.682 min Scan# 1144
Delta R.T. -0.006 min
Lab File: VN083397.D
Acq: 20 Aug 2024 13:48

Tgt Ion: 43 Resp: 1456
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#

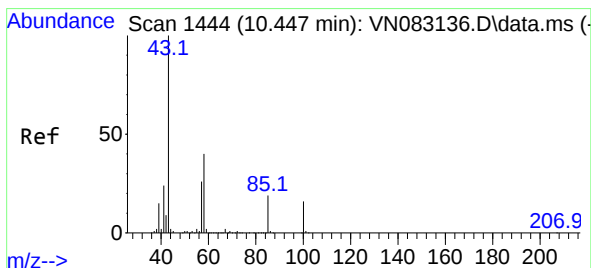
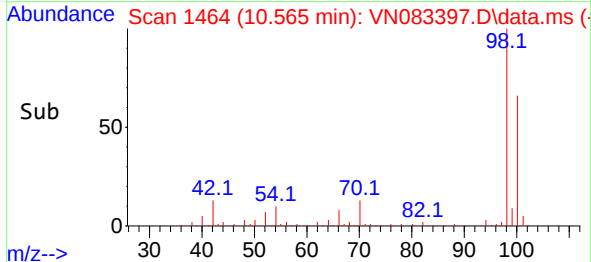
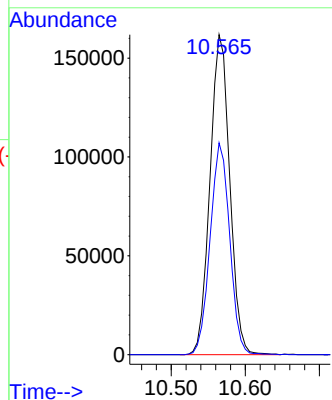
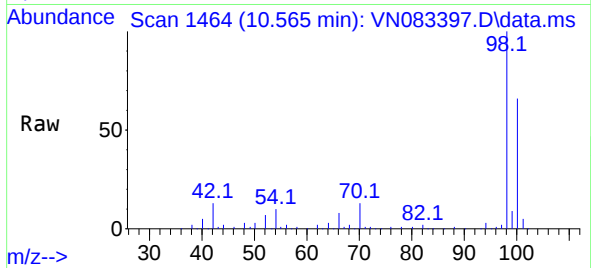




#50
Toluene-d8
Concen: 46.950 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083397.D
Acq: 20 Aug 2024 13:48

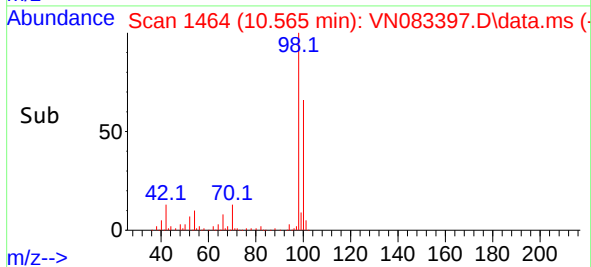
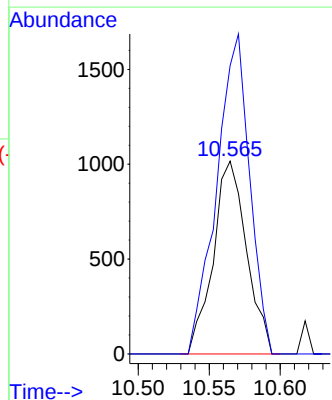
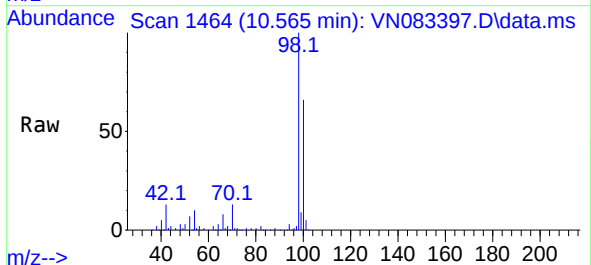
Instrument :
MSVOA_N
ClientSampleId :

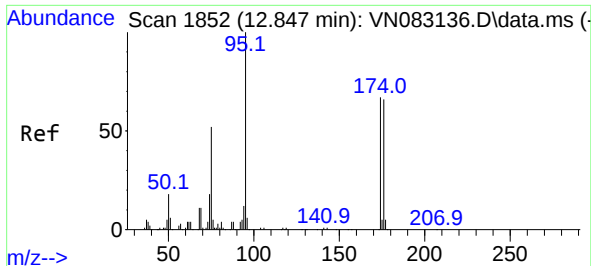
Tgt Ion: 98 Resp: 299439
Ion Ratio Lower Upper
98 100
100 65.6 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.607 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.118 min
Lab File: VN083397.D
Acq: 20 Aug 2024 13:48

Tgt Ion: 43 Resp: 1661
Ion Ratio Lower Upper
43 100
58 164.4 28.2 42.4#

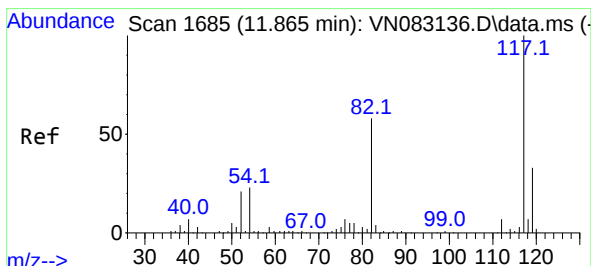
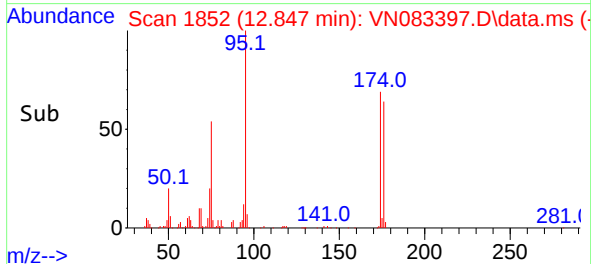
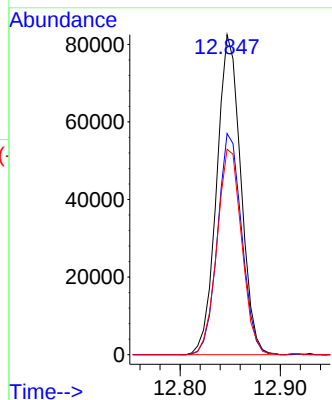
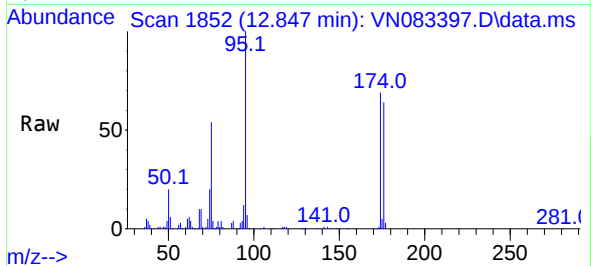




#62
4-Bromofluorobenzene
Concen: 55.342 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083397.D
Acq: 20 Aug 2024 13:48

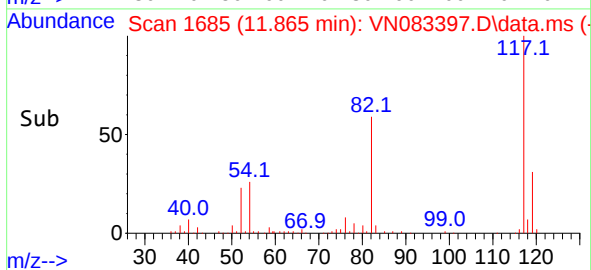
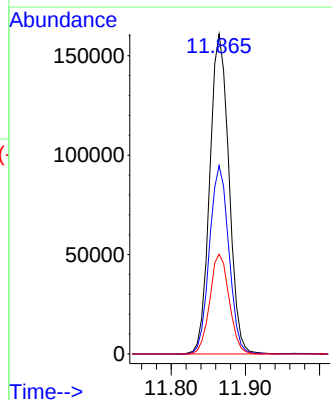
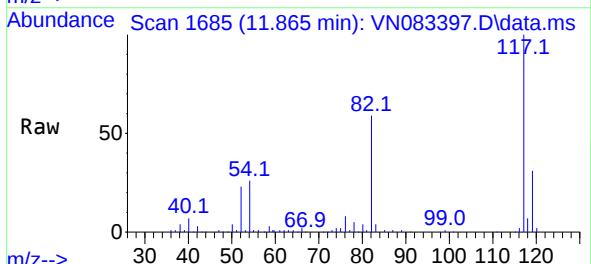
Instrument :
MSVOA_N
ClientSampleId :

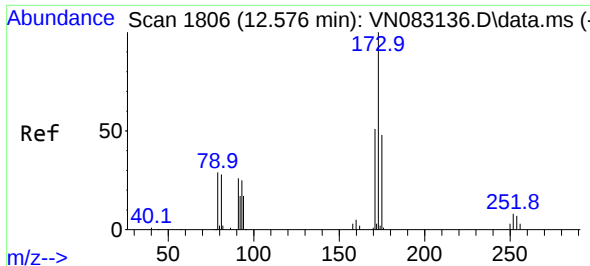
Tgt Ion: 95 Resp: 137603
Ion Ratio Lower Upper
95 100
174 69.5 0.0 159.2
176 65.9 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083397.D
Acq: 20 Aug 2024 13:48

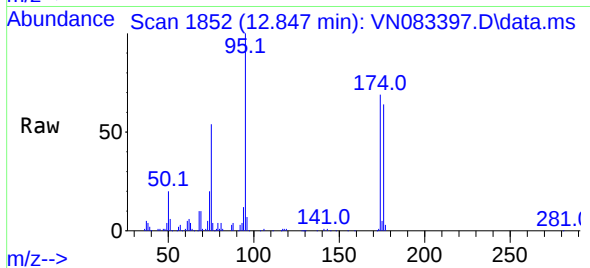
Tgt Ion: 117 Resp: 288994
Ion Ratio Lower Upper
117 100
82 58.9 47.5 71.3
119 31.2 25.6 38.4



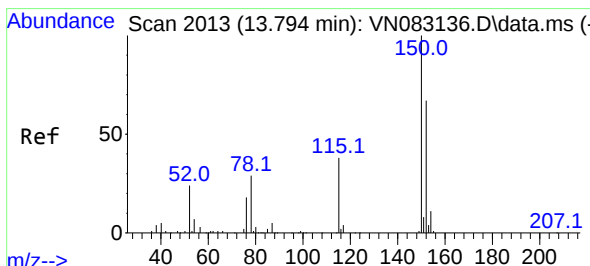
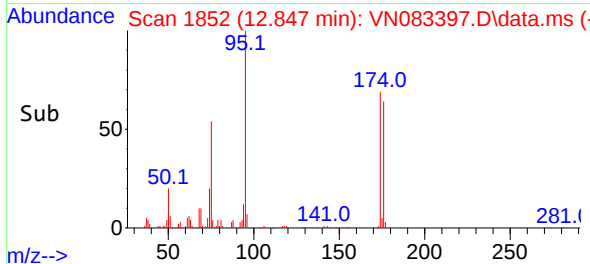
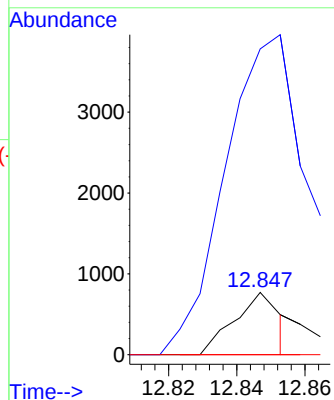


#71
Bromoform
Concen: 0.420 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.271 min
Lab File: VN083397.D
Acq: 20 Aug 2024 13:48

Instrument :
MSVOA_N
ClientSampleId :

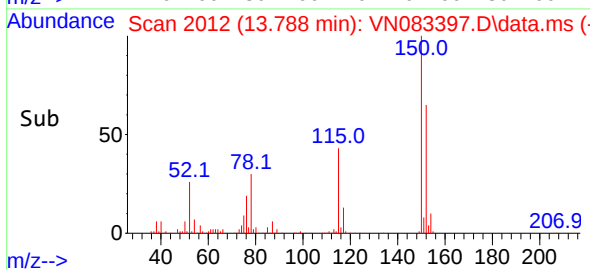
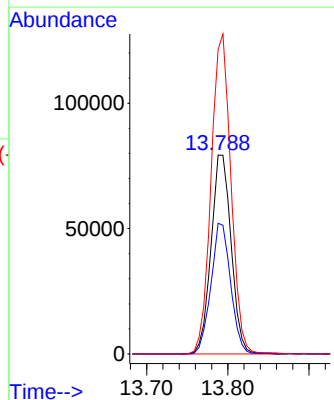
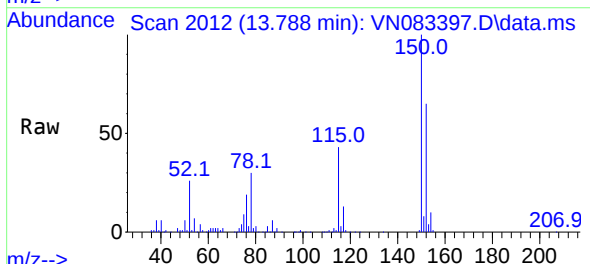


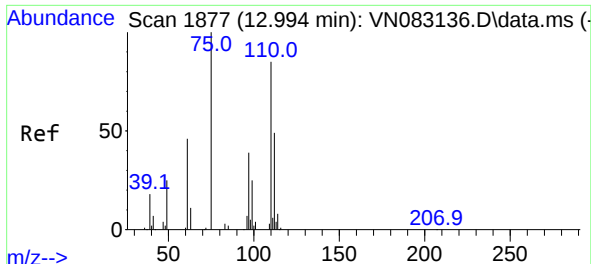
Tgt Ion:173 Resp: 717
Ion Ratio Lower Upper
173 100
175 0.0 24.0 72.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN083397.D
Acq: 20 Aug 2024 13:48

Tgt Ion:152 Resp: 136718
Ion Ratio Lower Upper
152 100
115 64.3 30.6 91.6
150 158.4 0.0 348.6

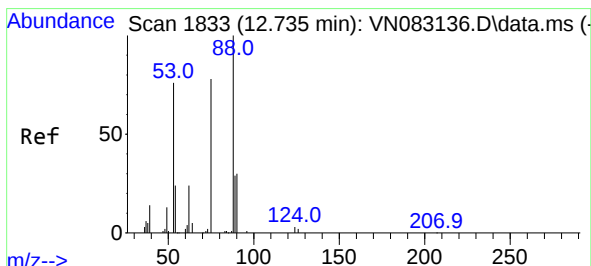
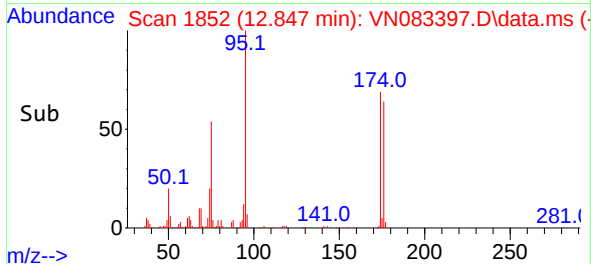
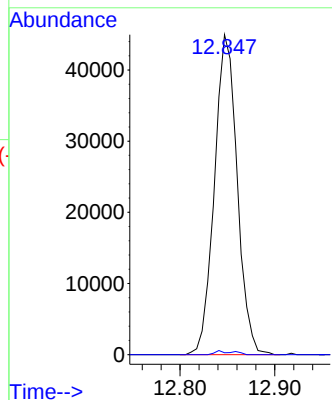
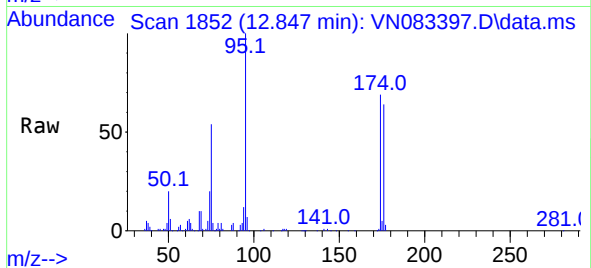




#76
1,2,3-Trichloropropane
Concen: 25.027 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083397.D
Acq: 20 Aug 2024 13:48

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 75098
Ion Ratio Lower Upper
75 100
77 1.0 110.9 332.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 54.441 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN083397.D
Acq: 20 Aug 2024 13:48

Tgt Ion: 75 Resp: 75098
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#

