

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081324\
 Data File : VN083286.D
 Acq On : 14 Aug 2024 08:28
 Operator : JC\MD
 Sample : P3534-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 14 09:33:38 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)

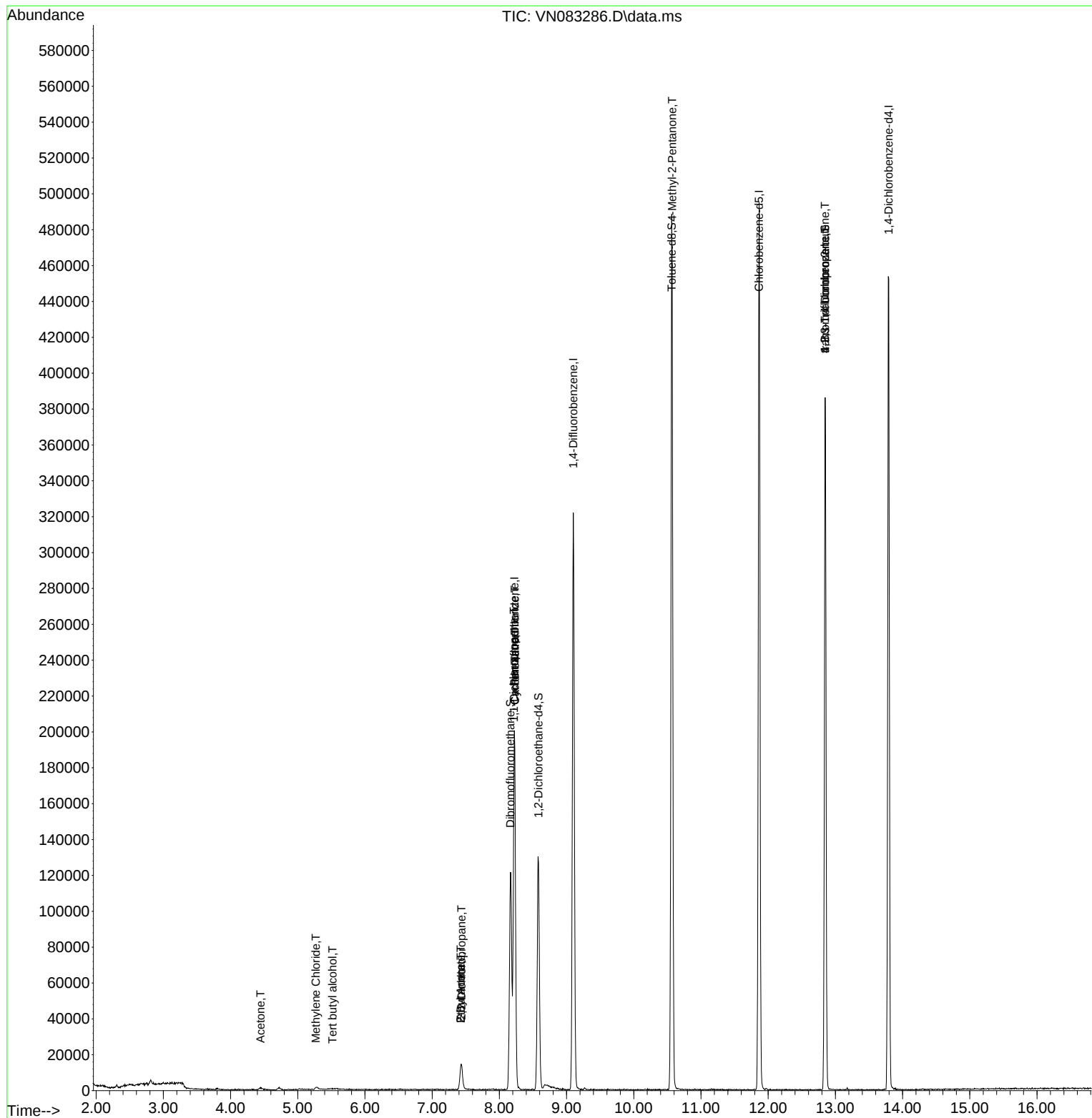
Internal Standards						
1) Pentafluorobenzene	8.224	168	137832	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	268156	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	274567	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	119646	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	112076	57.127	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 114.260%		
35) Dibromofluoromethane	8.165	113	88263	52.733	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 105.460%		
50) Toluene-d8	10.565	98	333261	53.377	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 106.760%		
62) 4-Bromofluorobenzene	12.847	95	136731	56.173	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	= 112.340%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.518	59	149	0.365	ug/l #	71
16) Acetone	4.447	43	1920	2.501	ug/l	91
20) Methylene Chloride	5.271	84	519	0.294	ug/l #	52
25) 2-Butanone	7.424	43	677	0.574	ug/l #	53
26) 2,2-Dichloropropane	7.436	77	1023	0.372	ug/l #	56
31) Cyclohexane	8.230	56	3520	1.211	ug/l #	20
36) 1,1-Dichloropropene	8.218	75	12758	5.039	ug/l #	51
37) Ethyl Acetate	7.424	43	677	0.239	ug/l #	35
38) Carbon Tetrachloride	8.230	117	16573	5.811	ug/l #	17
43) Isopropyl Acetate	8.682	43	2546	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.571	43	1524	0.568	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	74809	28.489	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	74809	61.969	ug/l #	6

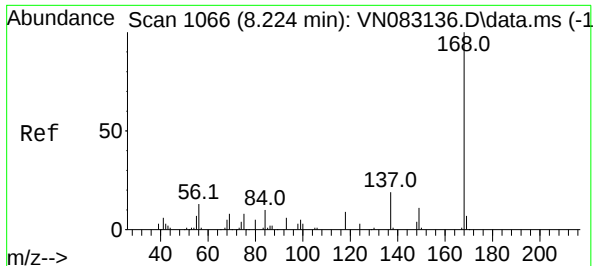
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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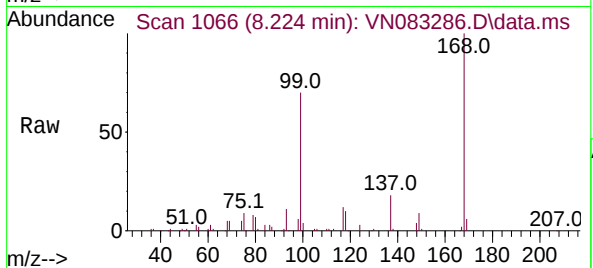
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:30:41 2024
Response via : Initial Calibration



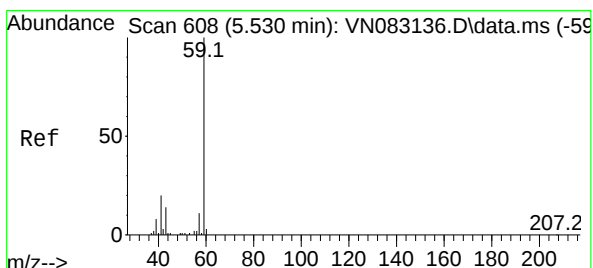
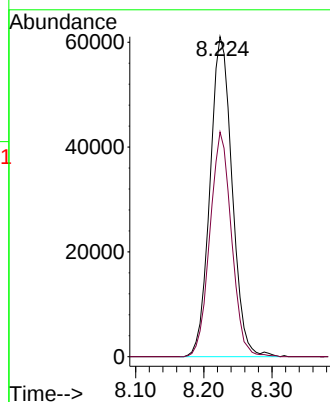
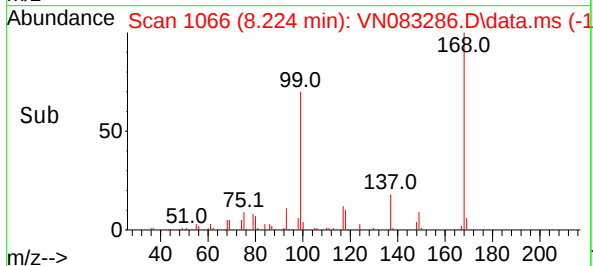


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083286.D
Acq: 14 Aug 2024 08:28

Instrument :
MSVOA_N
ClientSampleId :

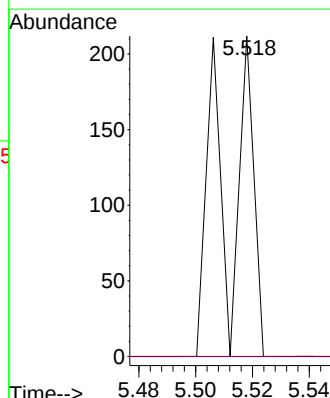
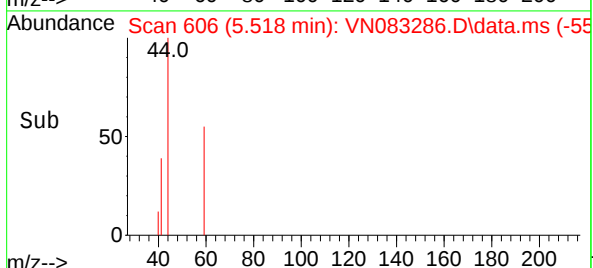
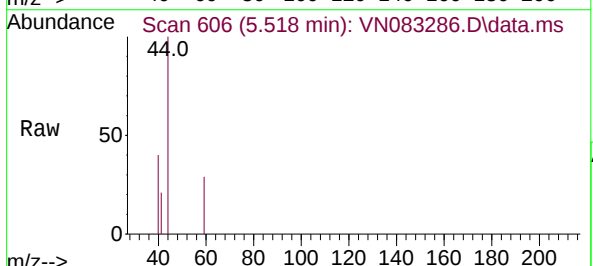


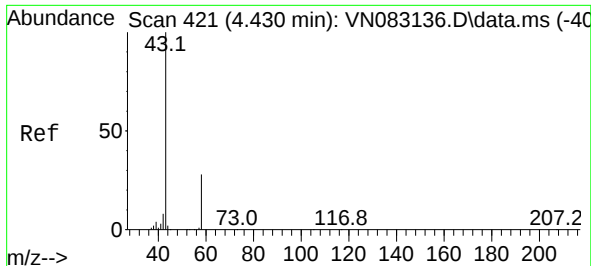
Tgt Ion:168 Resp: 137832
Ion Ratio Lower Upper
168 100
99 70.2 48.2 72.4



#11
Tert butyl alcohol
Concen: 0.365 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.012 min
Lab File: VN083286.D
Acq: 14 Aug 2024 08:28

Tgt Ion: 59 Resp: 149
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#

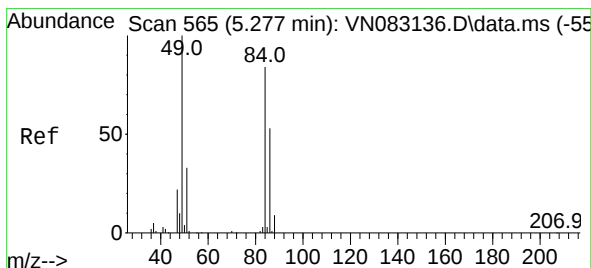
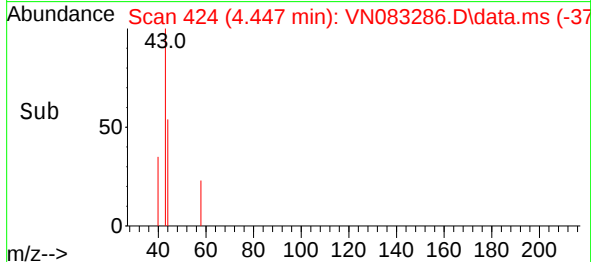
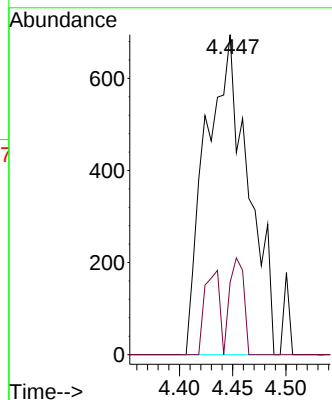
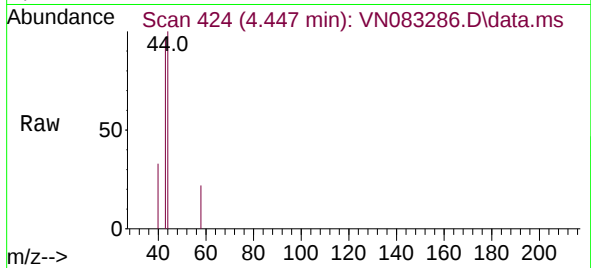




#16
Acetone
Concen: 2.501 ug/l
RT: 4.447 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN083286.D
Acq: 14 Aug 2024 08:28

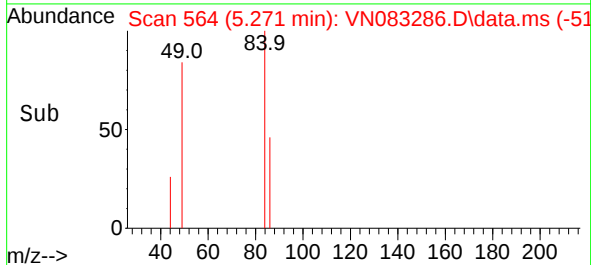
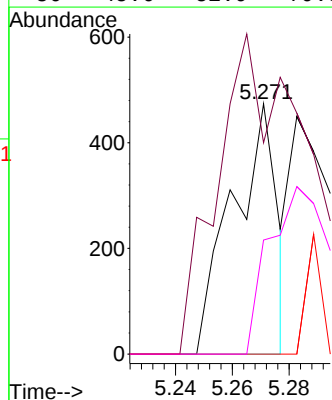
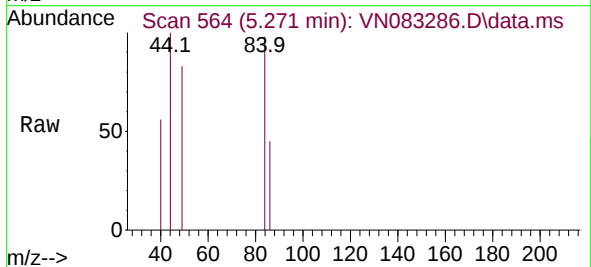
Instrument :
MSVOA_N
ClientSampleId :

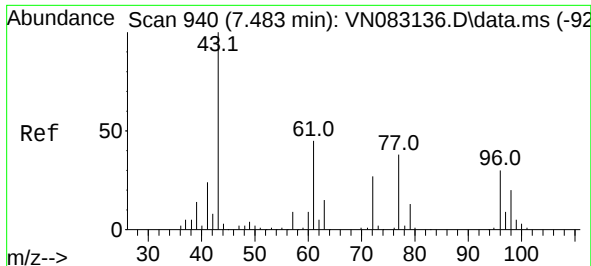
Tgt Ion: 43 Resp: 1920
Ion Ratio Lower Upper
43 100
58 22.6 21.8 32.6



#20
Methylene Chloride
Concen: 0.294 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN083286.D
Acq: 14 Aug 2024 08:28

Tgt Ion: 84 Resp: 519
Ion Ratio Lower Upper
84 100
49 84.4 119.6 179.4#
51 0.0 34.8 52.2#
86 45.6 52.9 79.3#





#25

2-Butanone

Concen: 0.574 ug/l

RT: 7.424 min Scan# 91

Delta R.T. -0.059 min MSVOA_N

Lab File: VN083286.D

Acq: 14 Aug 2024 08:28

Instrument :

MSVOA_N

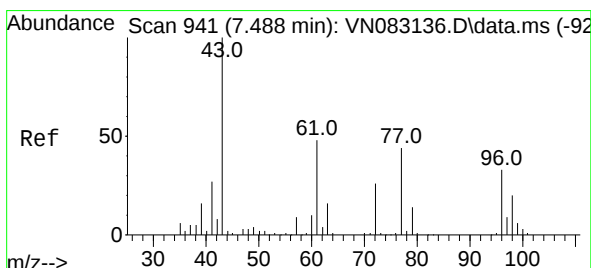
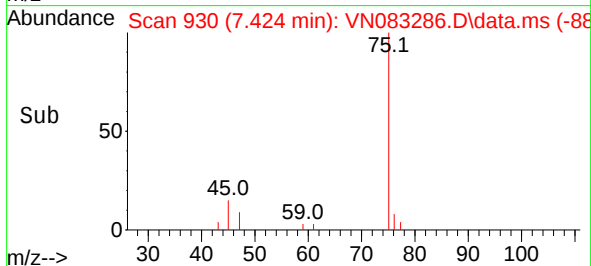
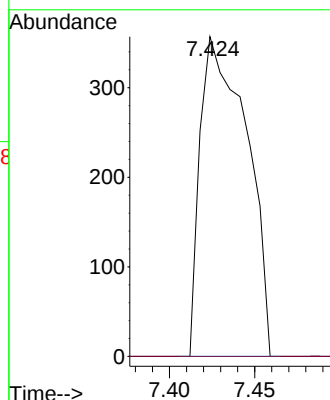
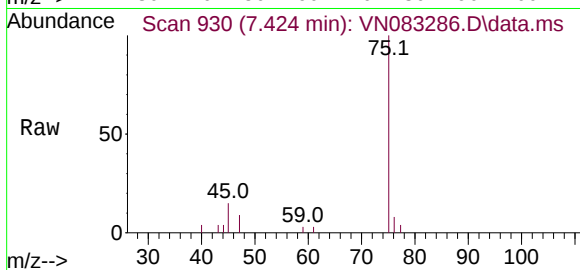
ClientSampleId :

Tgt Ion: 43 Resp: 677

Ion Ratio Lower Upper

43 100

72 0.0 18.2 27.2#



#26

2,2-Dichloropropane

Concen: 0.372 ug/l

RT: 7.436 min Scan# 932

Delta R.T. -0.053 min

Lab File: VN083286.D

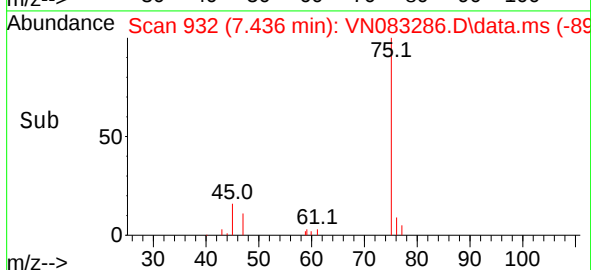
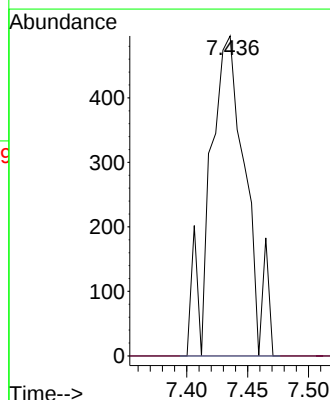
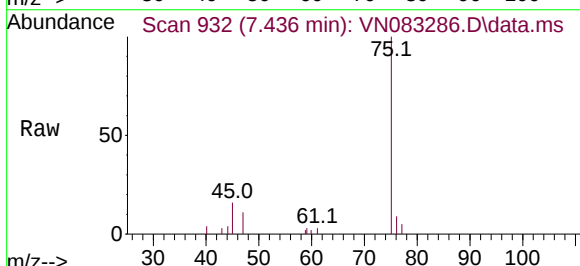
Acq: 14 Aug 2024 08:28

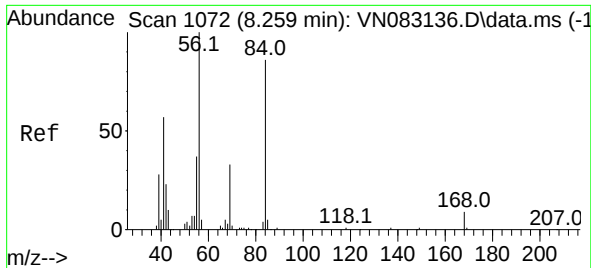
Tgt Ion: 77 Resp: 1023

Ion Ratio Lower Upper

77 100

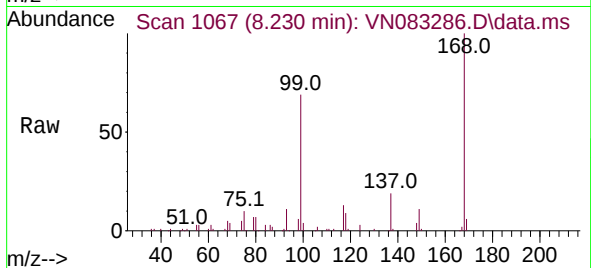
97 0.0 10.3 30.9#



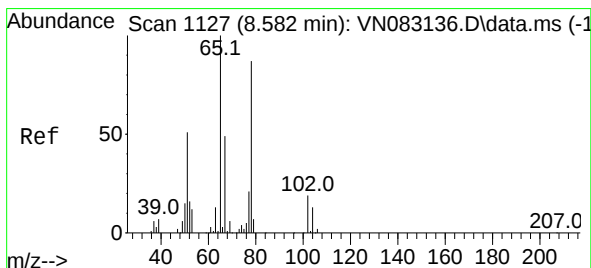
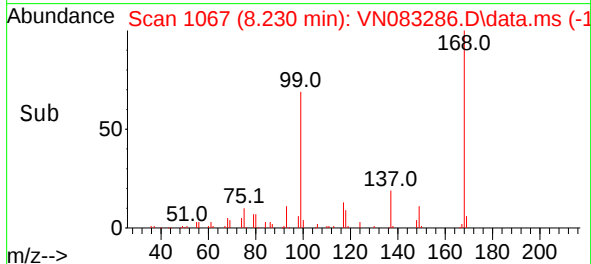
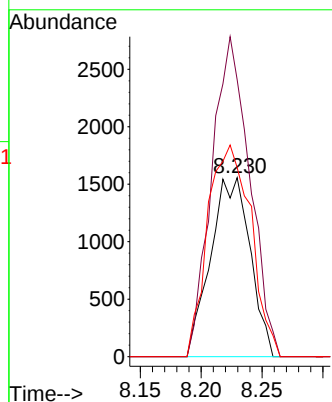


#31
Cyclohexane
Concen: 1.211 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN083286.D
Acq: 14 Aug 2024 08:28

Instrument :
MSVOA_N
ClientSampleId :

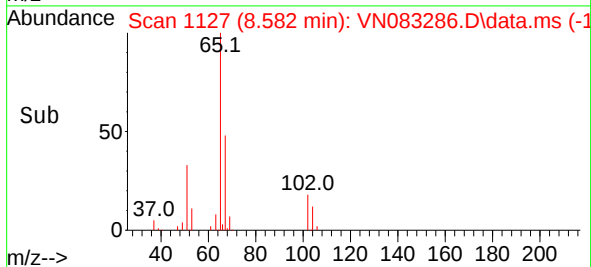
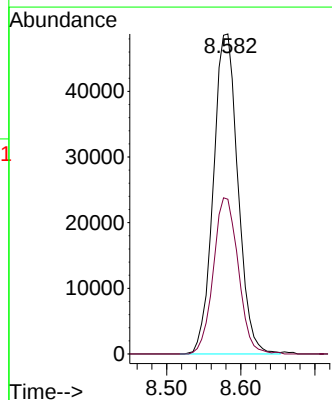
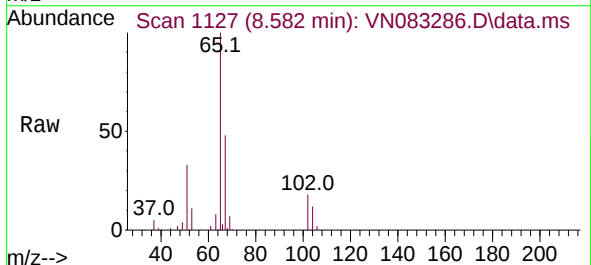


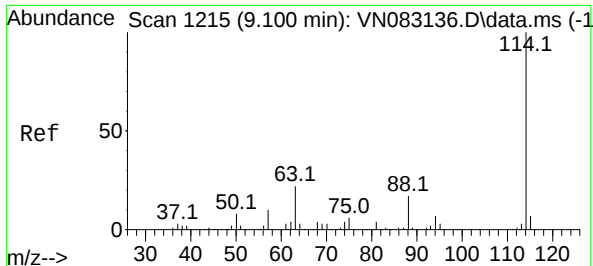
Tgt Ion: 56 Resp: 3520
Ion Ratio Lower Upper
56 100
69 154.6 24.5 36.7#
84 105.6 66.0 99.0#



#33
1,2-Dichloroethane-d4
Concen: 57.127 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN083286.D
Acq: 14 Aug 2024 08:28

Tgt Ion: 65 Resp: 112076
Ion Ratio Lower Upper
65 100
67 49.6 0.0 104.4

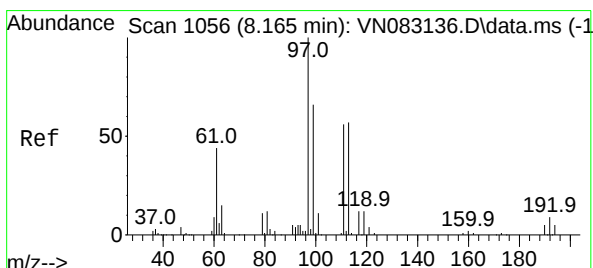
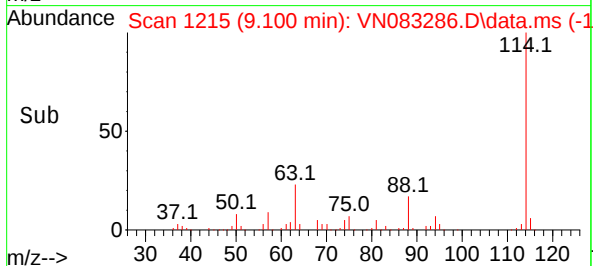
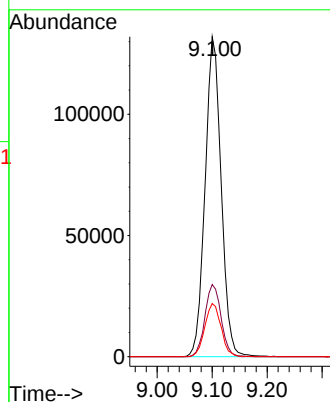
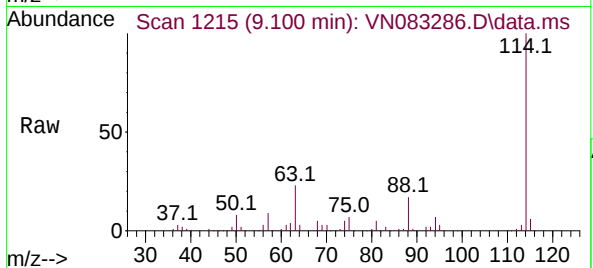




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 114
Delta R.T. 0.000 min
Lab File: VN083286.D
Acq: 14 Aug 2024 08:28

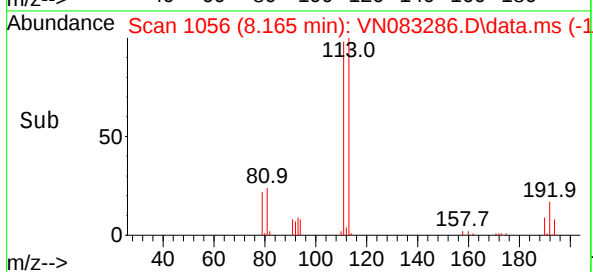
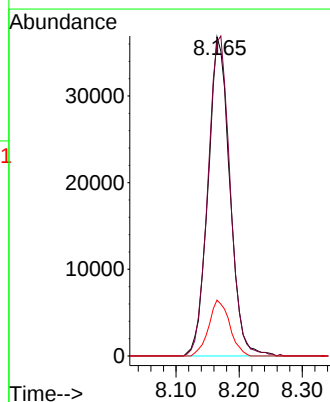
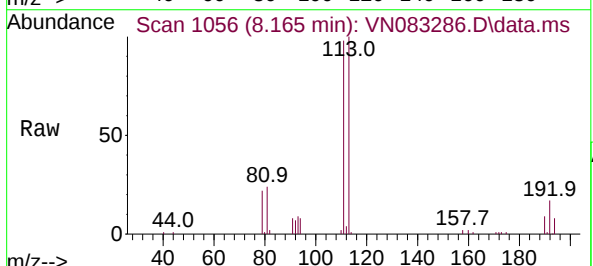
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MSVOA_N
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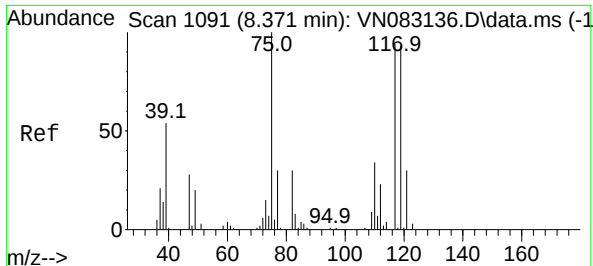
Tgt Ion:114 Resp: 268156
Ion Ratio Lower Upper
114 100
63 22.6 0.0 44.6
88 16.6 0.0 31.4



#35
Dibromofluoromethane
Concen: 52.733 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN083286.D
Acq: 14 Aug 2024 08:28

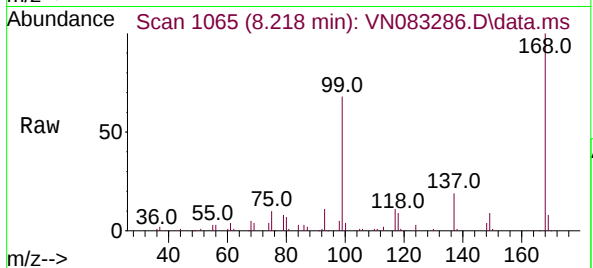
Tgt Ion:113 Resp: 88263
Ion Ratio Lower Upper
113 100
111 102.0 82.4 123.6
192 16.8 14.9 22.3



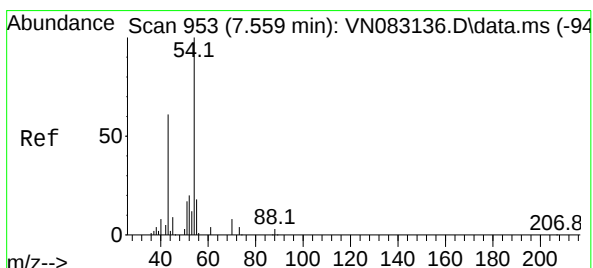
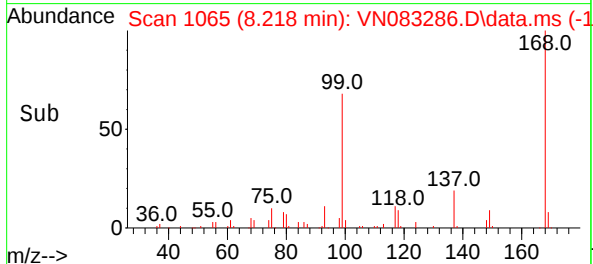
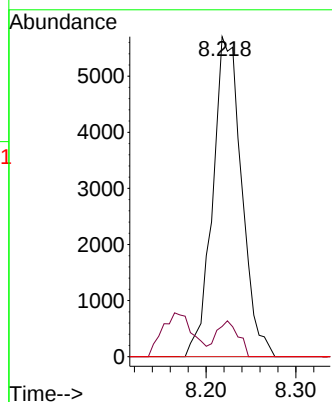


#36
1,1-Dichloropropene
Concen: 5.039 ug/l
RT: 8.218 min Scan# 1
Delta R.T. -0.153 min
Lab File: VN083286.D
Acq: 14 Aug 2024 08:28

Instrument :
MSVOA_N
ClientSampleId :

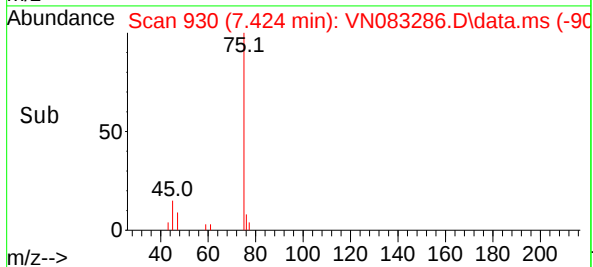
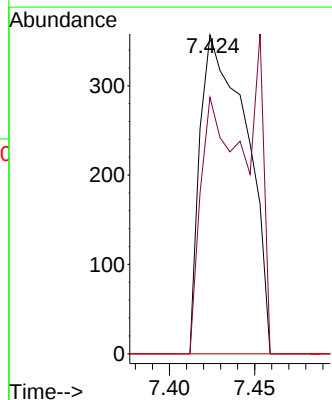
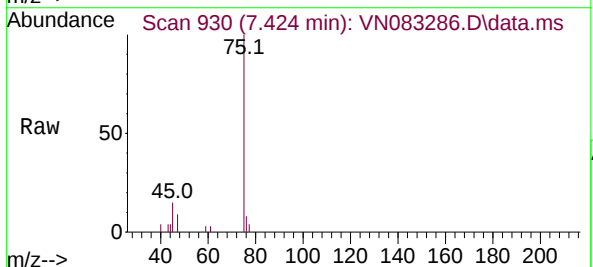


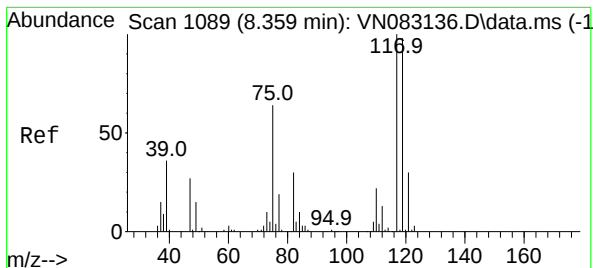
Tgt Ion: 75 Resp: 12758
Ion Ratio Lower Upper
75 100
110 8.6 16.3 48.9#
77 0.0 24.6 37.0#



#37
Ethyl Acetate
Concen: 0.239 ug/l
RT: 7.424 min Scan# 930
Delta R.T. -0.135 min
Lab File: VN083286.D
Acq: 14 Aug 2024 08:28

Tgt Ion: 43 Resp: 677
Ion Ratio Lower Upper
43 100
61 48.7 9.3 13.9#
70 0.0 7.0 10.6#





#38

Carbon Tetrachloride

Concen: 5.811 ug/l

RT: 8.230 min Scan# 1

Delta R.T. -0.129 min

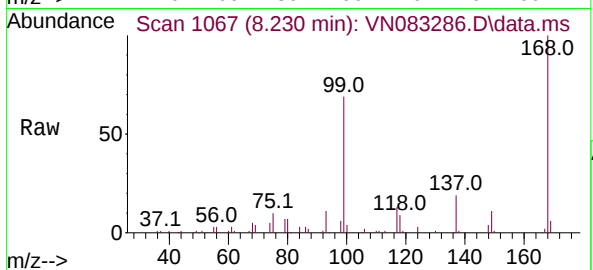
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Acq: 14 Aug 2024 08:28

Instrument :

MSVOA_N

ClientSampleId :



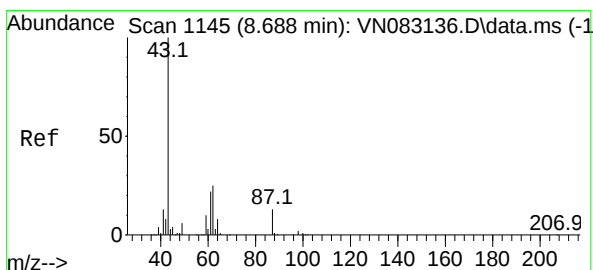
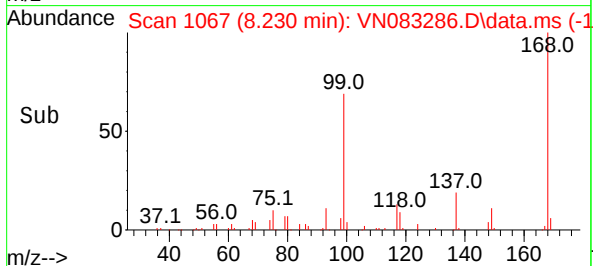
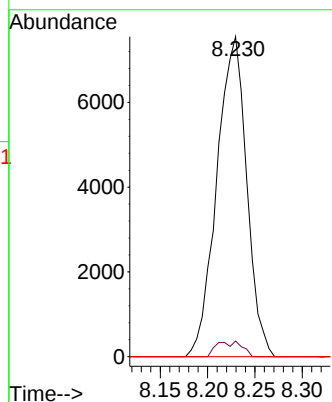
Tgt Ion:117 Resp: 16573

Ion Ratio Lower Upper

117 100

119 4.9 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: VN083286.D

Acq: 14 Aug 2024 08:28

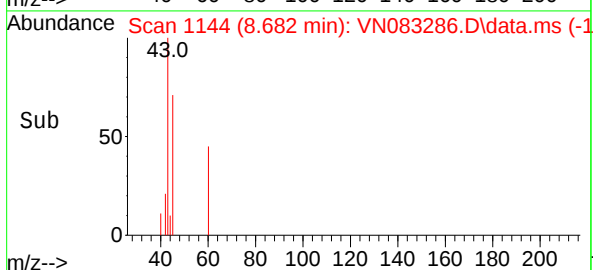
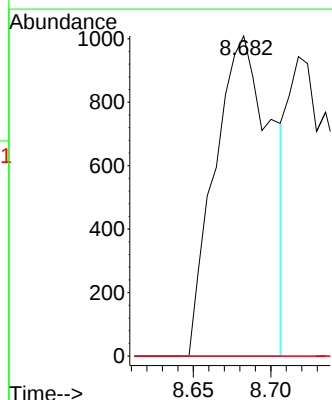
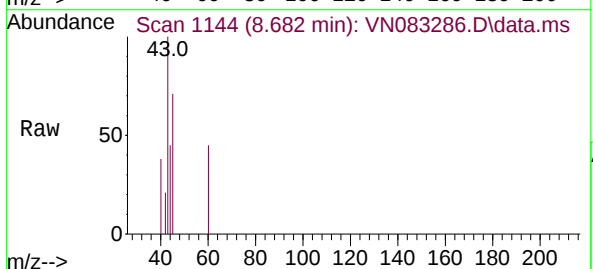
Tgt Ion: 43 Resp: 2546

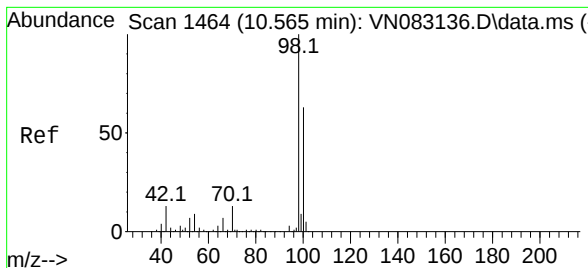
Ion Ratio Lower Upper

43 100

61 0.0 17.8 26.6#

87 0.0 8.2 12.2#





#50

Toluene-d8

Concen: 53.377 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN083286.D

Acq: 14 Aug 2024 08:28

Instrument :

MSVOA_N

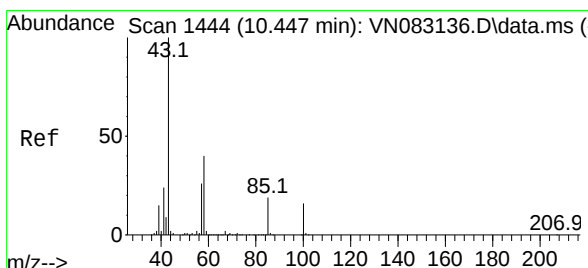
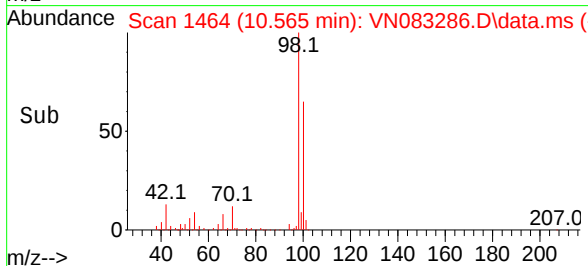
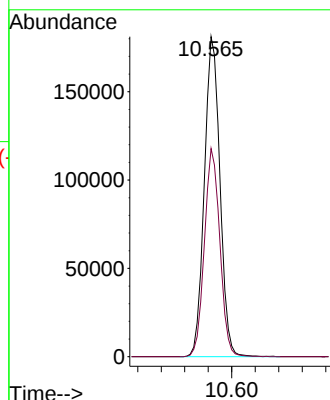
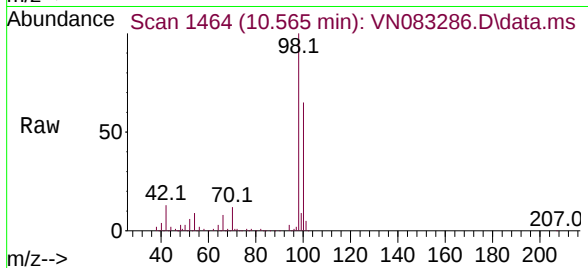
ClientSampleId :

Tgt Ion: 98 Resp: 333261

Ion Ratio Lower Upper

98 100

100 64.3 51.5 77.3



#51

4-Methyl-2-Pentanone

Concen: 0.568 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.124 min

Lab File: VN083286.D

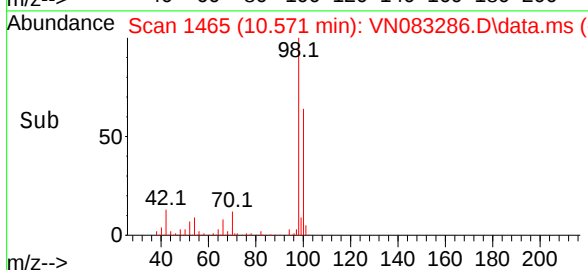
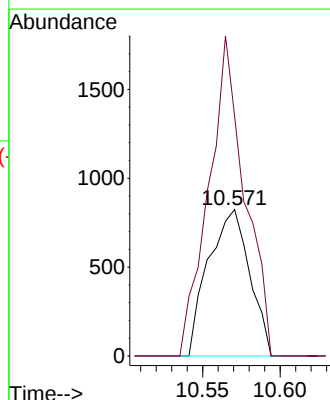
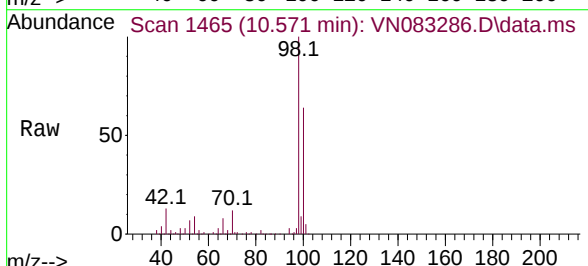
Acq: 14 Aug 2024 08:28

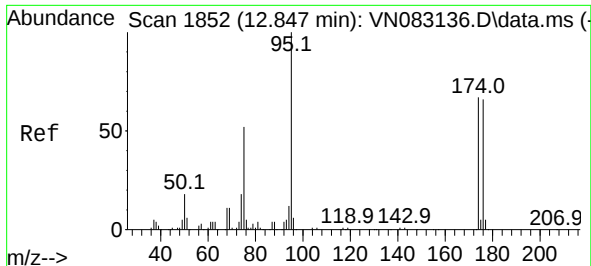
Tgt Ion: 43 Resp: 1524

Ion Ratio Lower Upper

43 100

58 190.6 28.2 42.4#

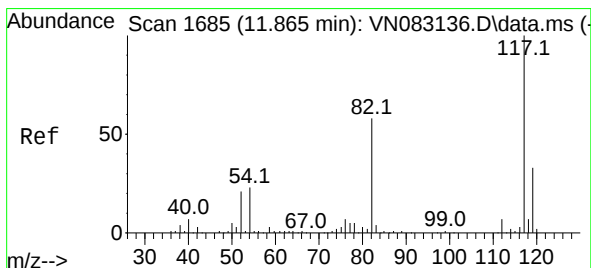
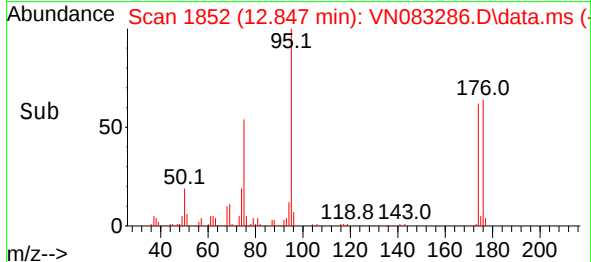
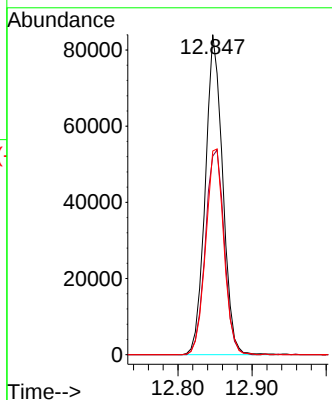
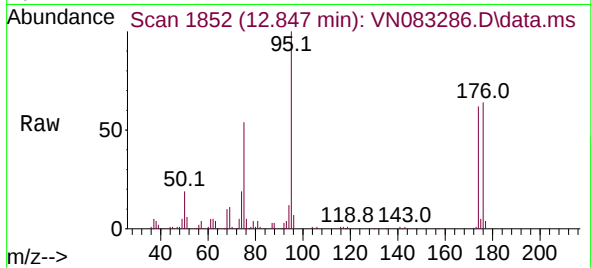




#62
4-Bromofluorobenzene
Concen: 56.173 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083286.D
Acq: 14 Aug 2024 08:28

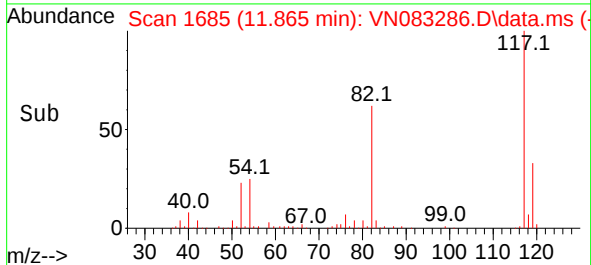
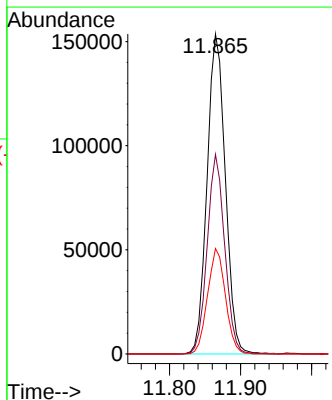
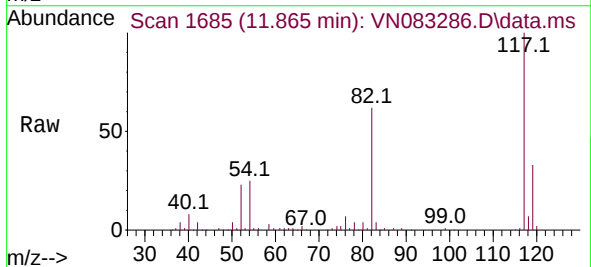
Instrument :
MSVOA_N
ClientSampleId :

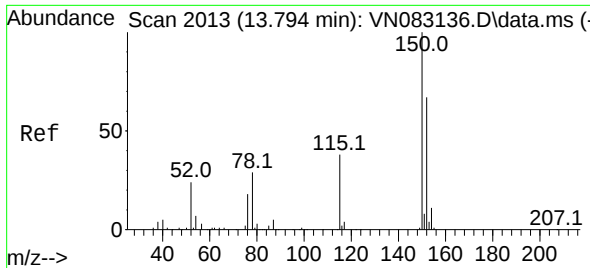
Tgt Ion: 95 Resp: 136731
Ion Ratio Lower Upper
95 100
174 69.3 0.0 159.2
176 67.2 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083286.D
Acq: 14 Aug 2024 08:28

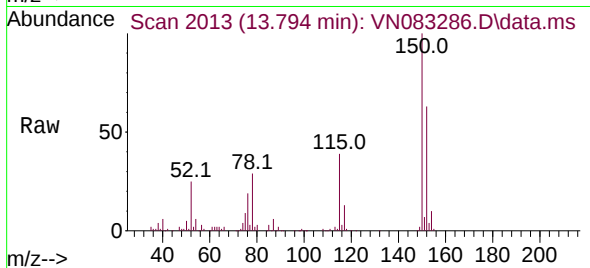
Tgt Ion: 117 Resp: 274567
Ion Ratio Lower Upper
117 100
82 62.4 47.5 71.3
119 32.9 25.6 38.4



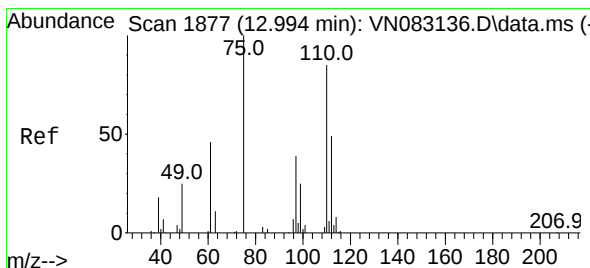
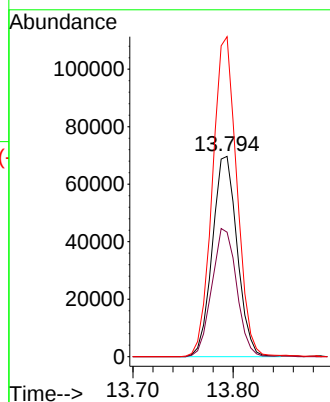
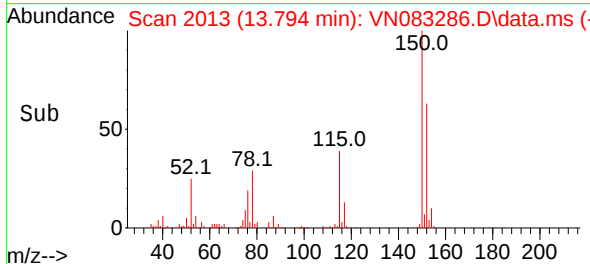


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. 0.000 min
 Lab File: VN083286.D
 Acq: 14 Aug 2024 08:28

Instrument :
 MSVOA_N
 ClientSampleId :

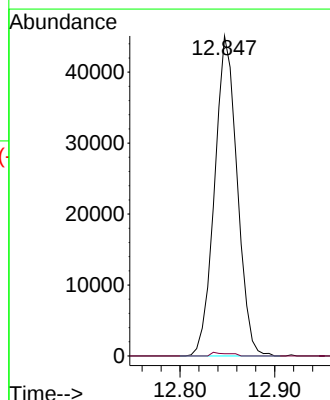
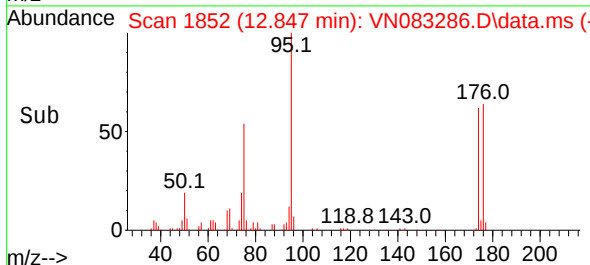
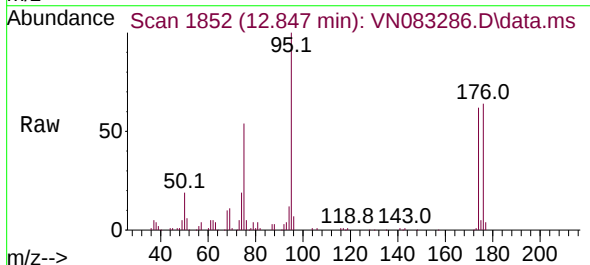


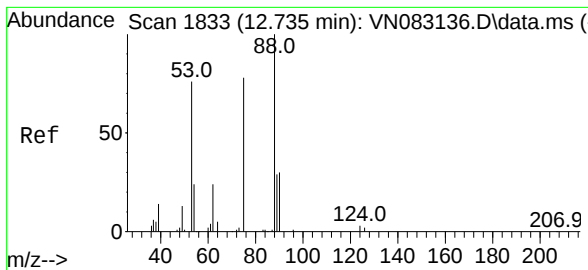
Tgt Ion:152 Resp: 119646
 Ion Ratio Lower Upper
 152 100
 115 63.7 30.6 91.6
 150 157.5 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 28.489 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN083286.D
 Acq: 14 Aug 2024 08:28

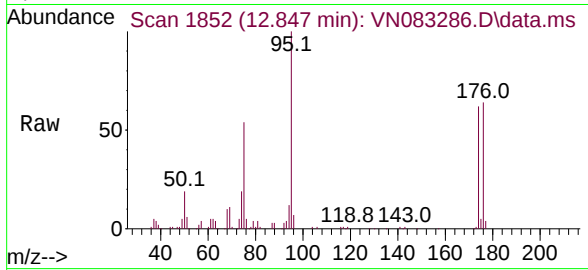
Tgt Ion: 75 Resp: 74809
 Ion Ratio Lower Upper
 75 100
 77 0.9 110.9 332.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.969 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN083286.D
 Acq: 14 Aug 2024 08:28

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 74809
 Ion Ratio Lower Upper
 75 100
 53 0.0 88.4 132.6#
 89 0.0 36.3 54.5#

