

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN073024\
 Data File : VN083067.D
 Acq On : 30 Jul 2024 14:36
 Operator : JC\MD
 Sample : P3395-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 30 16:10:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

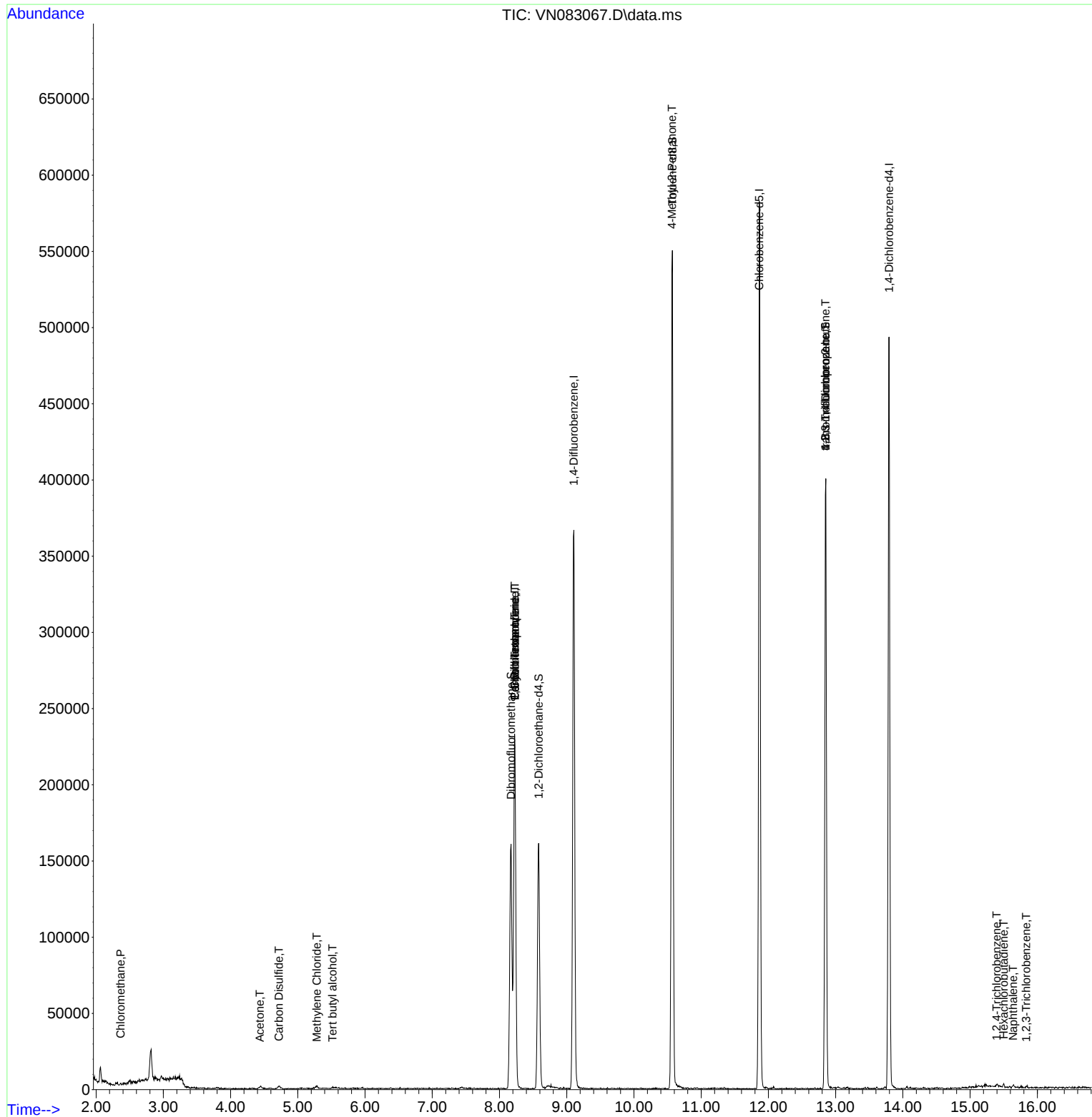
Internal Standards						
1) Pentafluorobenzene	8.230	168	161011	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	313864	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	323457	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	126266	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	132332	58.631	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 117.260%		
35) Dibromofluoromethane	8.171	113	110754	54.992	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 109.980%		
50) Toluene-d8	10.571	98	371683	49.967	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 99.940%		
62) 4-Bromofluorobenzene	12.847	95	125508	46.971	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	= 93.940%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	542	0.274	ug/l #	43
11) Tert butyl alcohol	5.518	59	538	1.417	ug/l #	71
16) Acetone	4.436	43	2860	3.599	ug/l #	87
17) Carbon Disulfide	4.718	76	1806	0.368	ug/l #	75
20) Methylene Chloride	5.283	84	1034	0.539	ug/l #	22
31) Cyclohexane	8.224	56	4986	1.690	ug/l #	53
36) 1,1-Dichloropropene	8.230	75	15183	5.468	ug/l #	50
38) Carbon Tetrachloride	8.230	117	18120	5.420	ug/l #	18
43) Isopropyl Acetate	8.718	43	1339	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.565	43	1822	0.650	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	71834	32.998	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	71834	64.898	ug/l #	6
93) 1,2,4-Trichlorobenzene	15.394	180	586	0.262	ug/l #	89
94) Hexachlorobutadiene	15.500	225	338	0.341	ug/l #	68
95) Naphthalene	15.641	128	1801	0.235	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.835	180	594	0.258	ug/l #	70

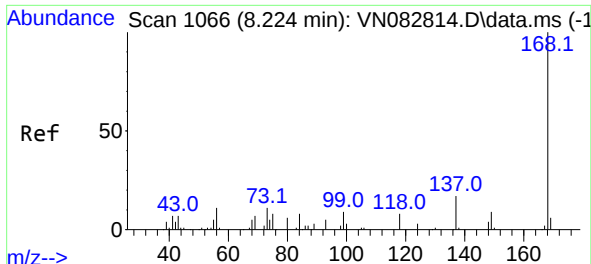
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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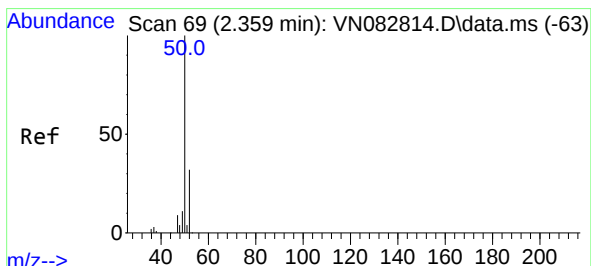
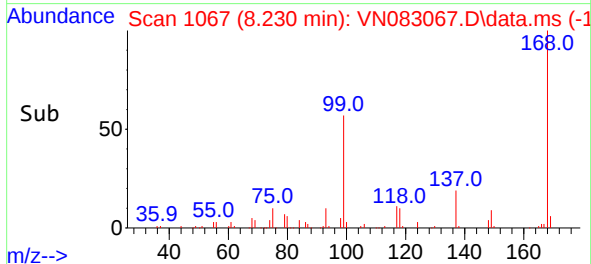
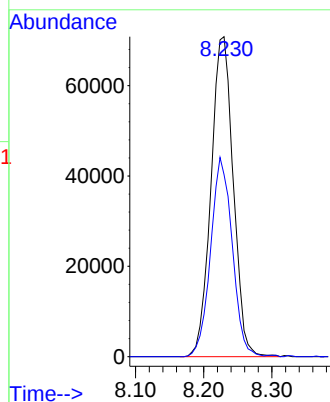
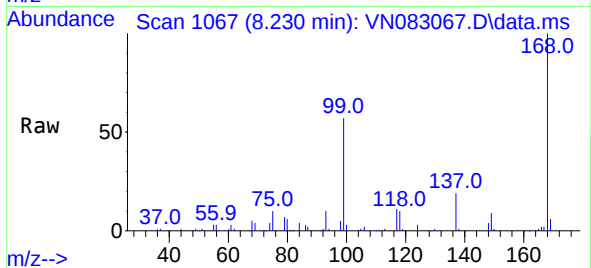




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.001 min
Lab File: VN083067.D
Acq: 30 Jul 2024 14:36

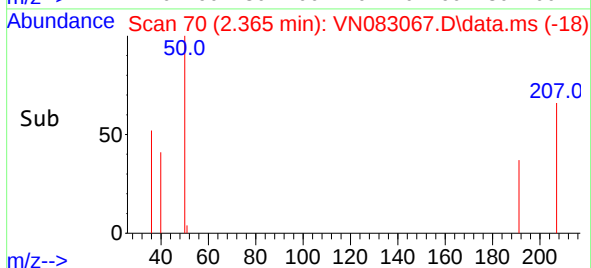
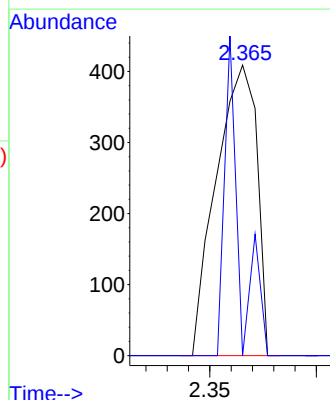
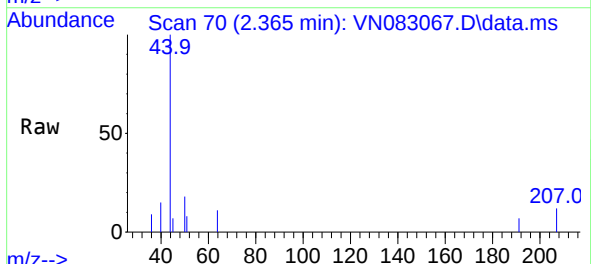
Instrument :
MSVOA_N
ClientSampleId :

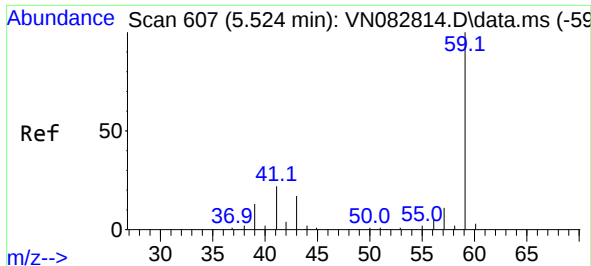
Tgt Ion:168 Resp: 161011
Ion Ratio Lower Upper
168 100
99 56.9 48.2 72.4



#3
Chloromethane
Concen: 0.274 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN083067.D
Acq: 30 Jul 2024 14:36

Tgt Ion: 50 Resp: 542
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#





#11

Tert butyl alcohol

Concen: 1.417 ug/l

RT: 5.518 min Scan# 607

Delta R.T. -0.006 min

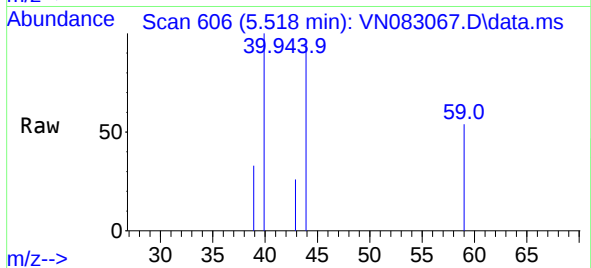
Lab File: VN083067.D

Acq: 30 Jul 2024 14:36

Instrument :

MSVOA_N

ClientSampleId :

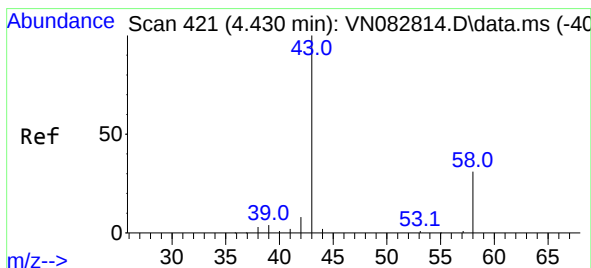
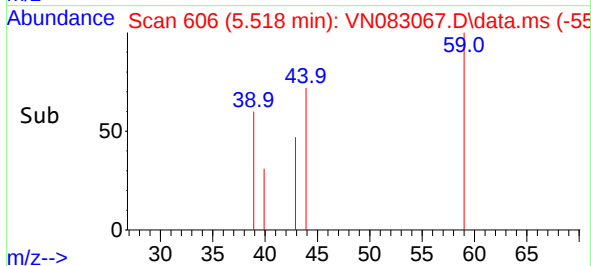
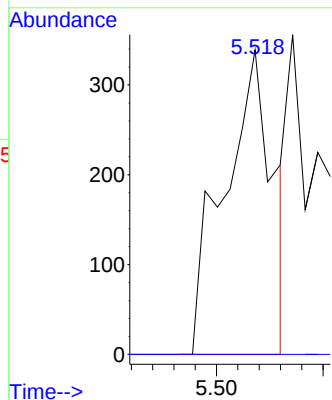


Tgt Ion: 59 Resp: 538

Ion Ratio Lower Upper

59 100

57 0.0 8.9 13.3#



#16

Acetone

Concen: 3.599 ug/l

RT: 4.436 min Scan# 422

Delta R.T. 0.006 min

Lab File: VN083067.D

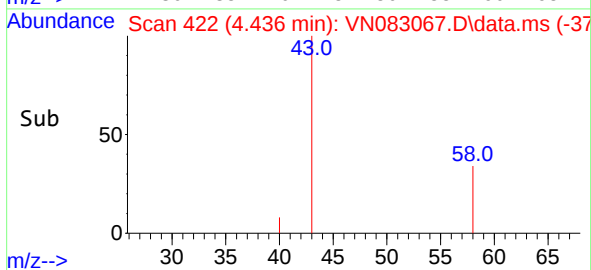
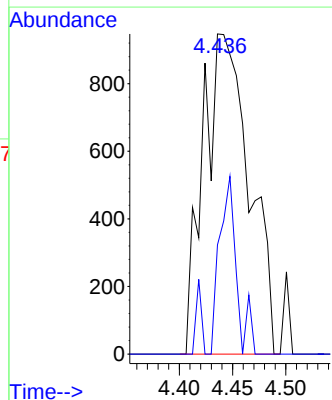
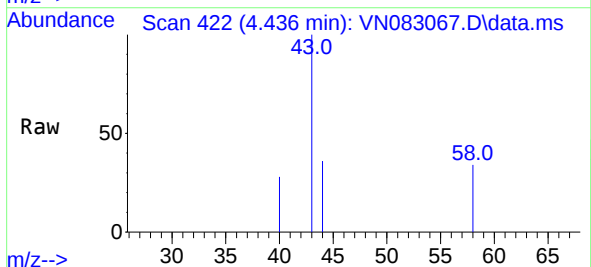
Acq: 30 Jul 2024 14:36

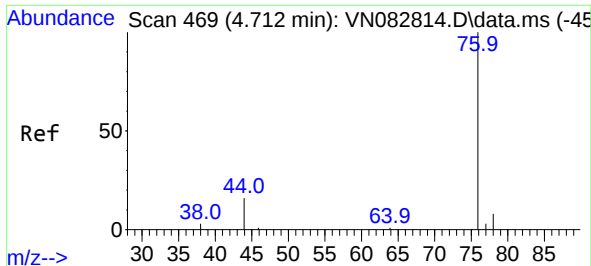
Tgt Ion: 43 Resp: 2860

Ion Ratio Lower Upper

43 100

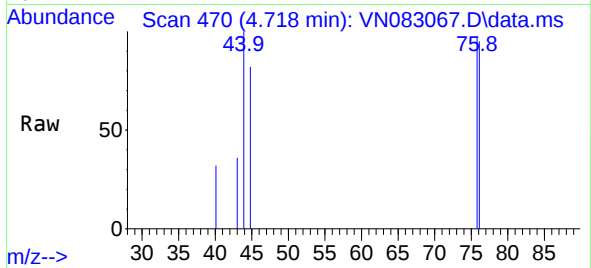
58 34.1 21.8 32.6#



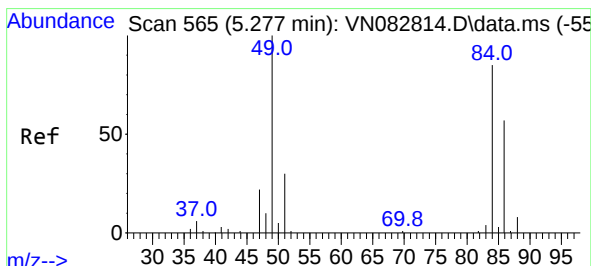
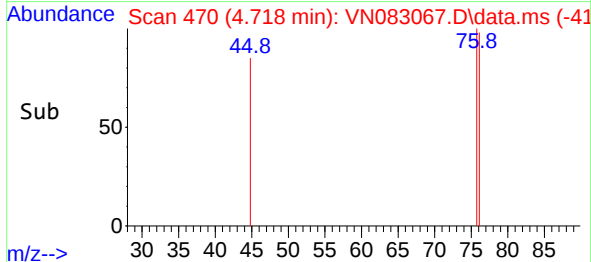
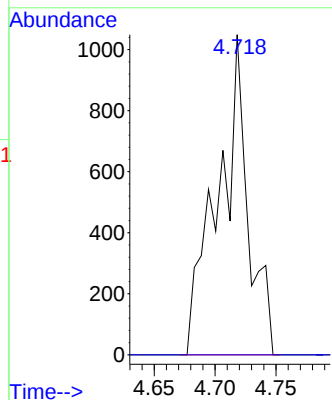


#17
Carbon Disulfide
Concen: 0.368 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN083067.D
Acq: 30 Jul 2024 14:36

Instrument :
MSVOA_N
ClientSampleId :

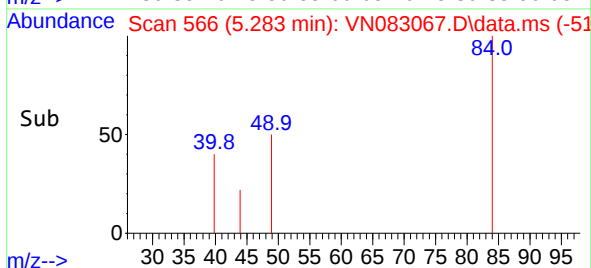
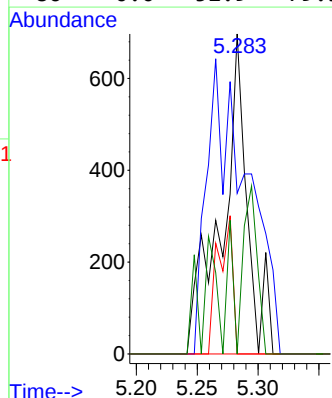
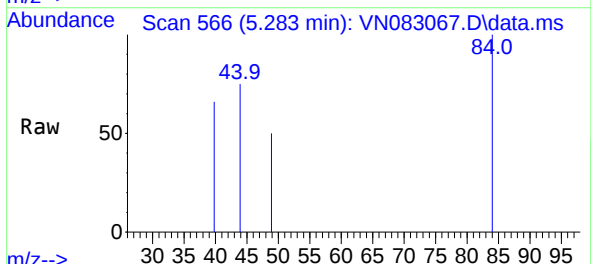


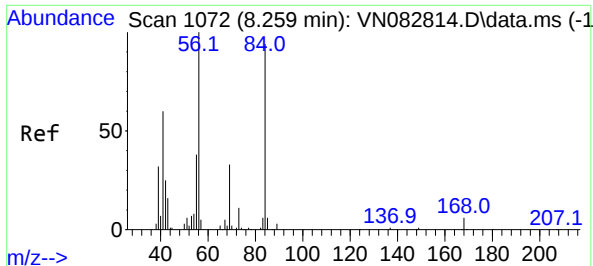
Tgt Ion: 76 Resp: 1806
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 0.539 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN083067.D
Acq: 30 Jul 2024 14:36

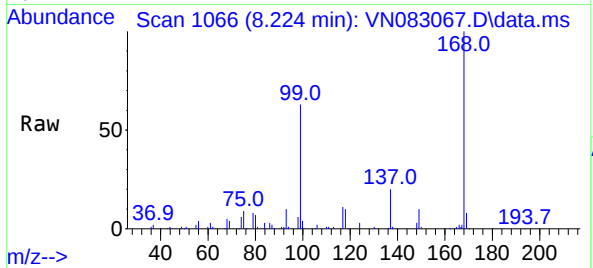
Tgt Ion: 84 Resp: 1034
Ion Ratio Lower Upper
84 100
49 50.2 119.6 179.4#
51 0.0 34.8 52.2#
86 0.0 52.9 79.3#



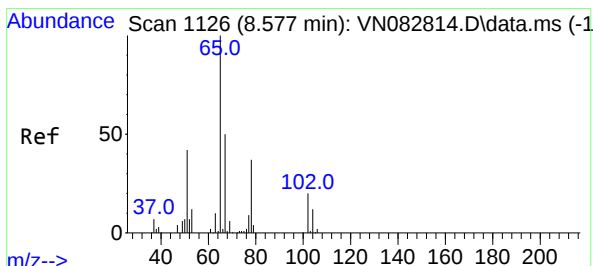
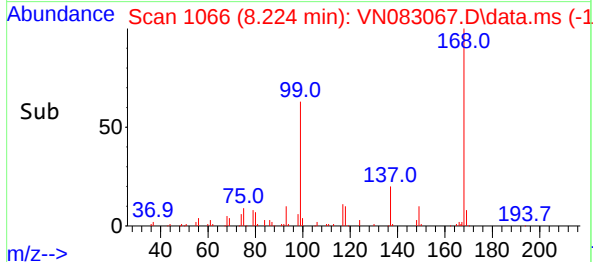
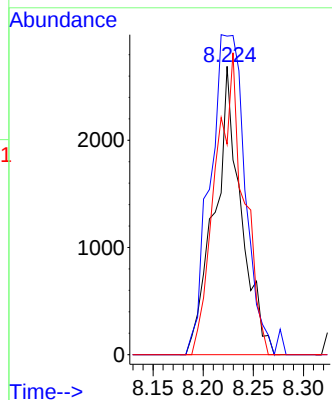


#31
Cyclohexane
Concen: 1.690 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN083067.D
Acq: 30 Jul 2024 14:36

Instrument :
MSVOA_N
ClientSampleId :

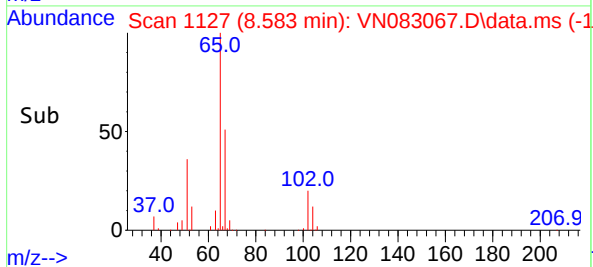
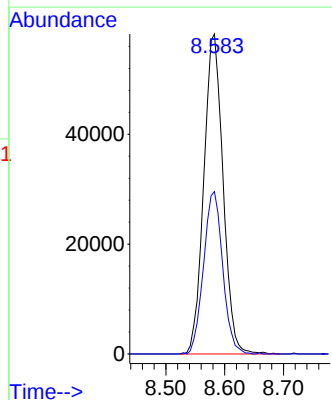
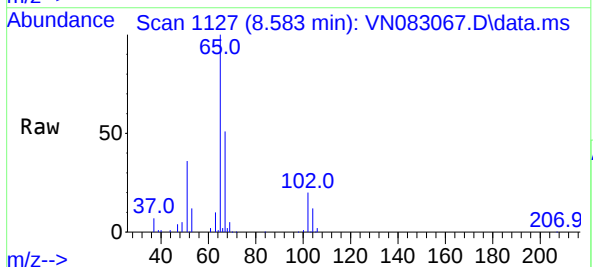


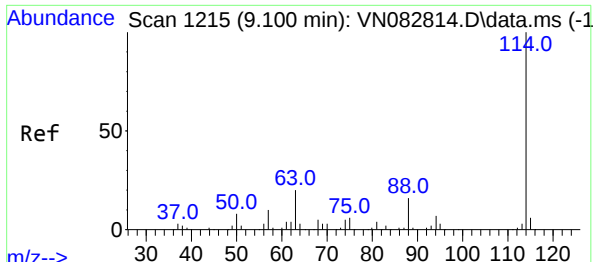
Tgt Ion: 56 Resp: 4986
Ion Ratio Lower Upper
56 100
69 110.5 24.5 36.7#
84 73.0 66.0 99.0



#33
1,2-Dichloroethane-d4
Concen: 58.631 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN083067.D
Acq: 30 Jul 2024 14:36

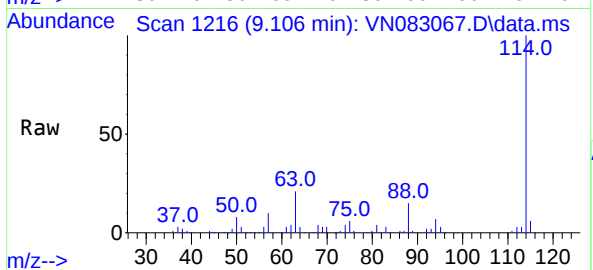
Tgt Ion: 65 Resp: 132332
Ion Ratio Lower Upper
65 100
67 50.4 0.0 104.4



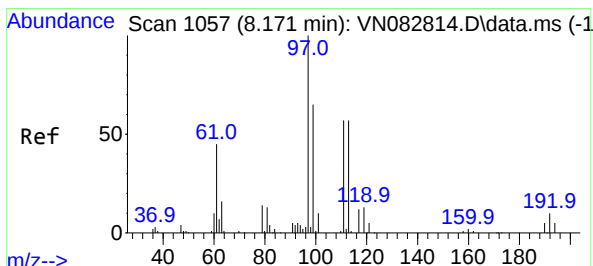
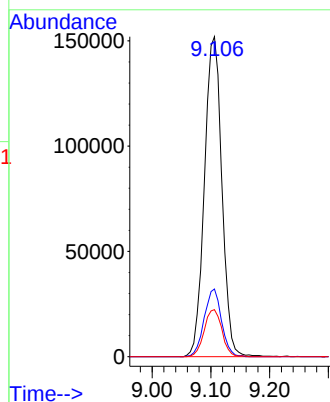
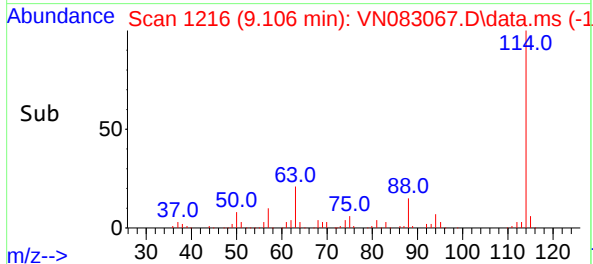


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083067.D
Acq: 30 Jul 2024 14:36

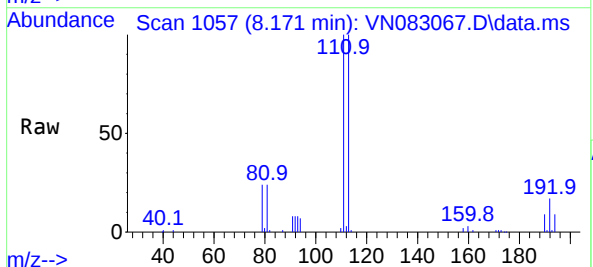
Instrument :
MSVOA_N
ClientSampleId :



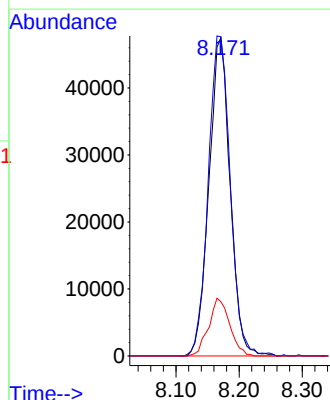
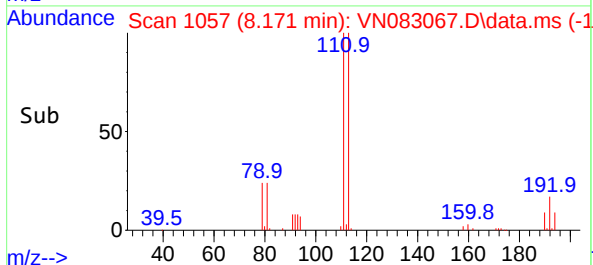
Tgt Ion:114 Resp: 313864
Ion Ratio Lower Upper
114 100
63 21.1 0.0 44.6
88 14.7 0.0 31.4

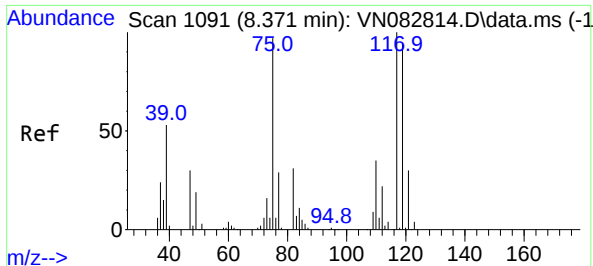


#35
Dibromofluoromethane
Concen: 54.992 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN083067.D
Acq: 30 Jul 2024 14:36



Tgt Ion:113 Resp: 110754
Ion Ratio Lower Upper
113 100
111 104.2 82.4 123.6
192 18.0 14.9 22.3





#36

1,1-Dichloropropene

Concen: 5.468 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.141 min

Lab File: VN083067.D

Acq: 30 Jul 2024 14:36

Instrument :

MSVOA_N

ClientSampleId :

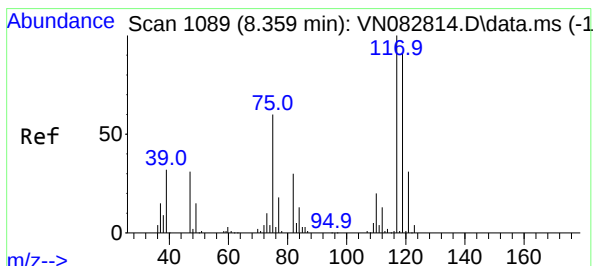
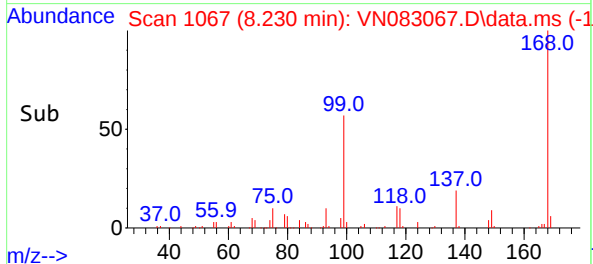
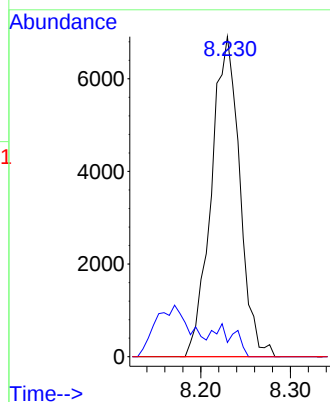
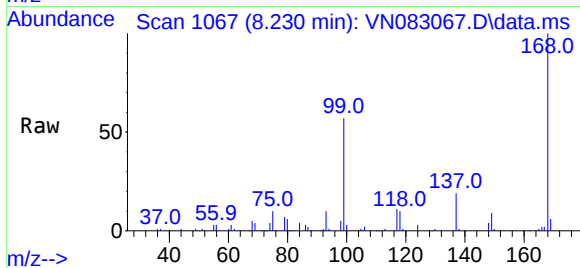
Tgt Ion: 75 Resp: 15183

Ion Ratio Lower Upper

75 100

110 7.8 16.3 48.9#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 5.420 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.135 min

Lab File: VN083067.D

Acq: 30 Jul 2024 14:36

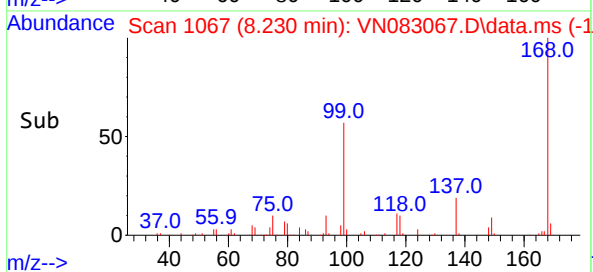
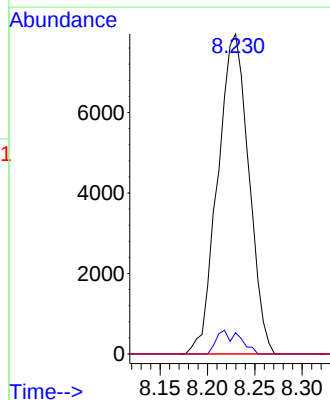
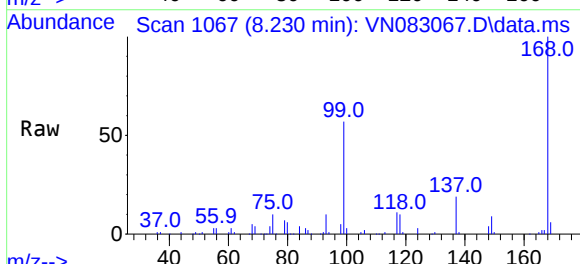
Tgt Ion: 117 Resp: 18120

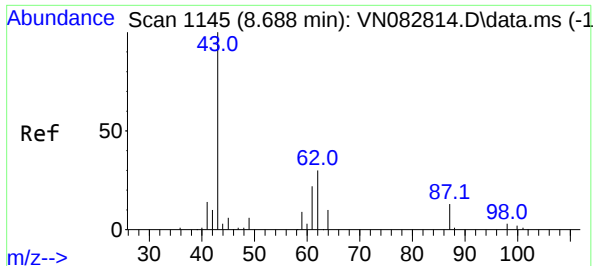
Ion Ratio Lower Upper

117 100

119 6.6 74.9 112.3#

121 0.0 24.3 36.5#





#43

Isopropyl Acetate

Concen: Below Cal

RT: 8.718 min Scan# 1145

Delta R.T. 0.024 min

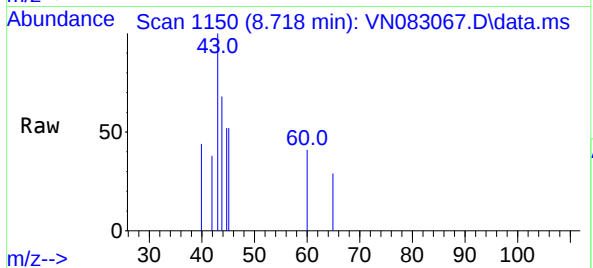
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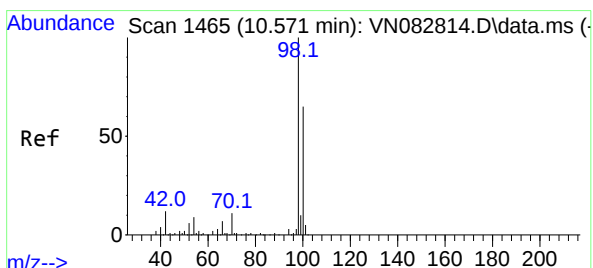
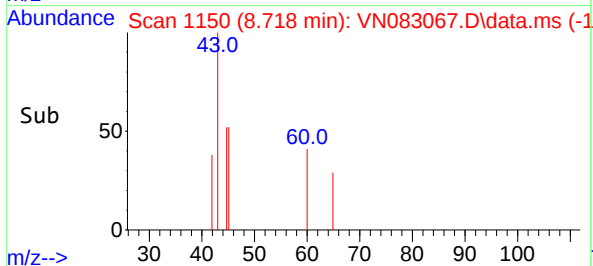
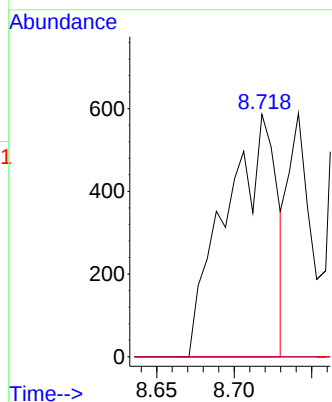
Tgt Ion: 43 Resp: 1339

Ion Ratio Lower Upper

43 100

61 0.0 17.8 26.6#

87 0.0 8.2 12.2#



#50

Toluene-d8

Concen: 49.967 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.001 min

Lab File: VN083067.D

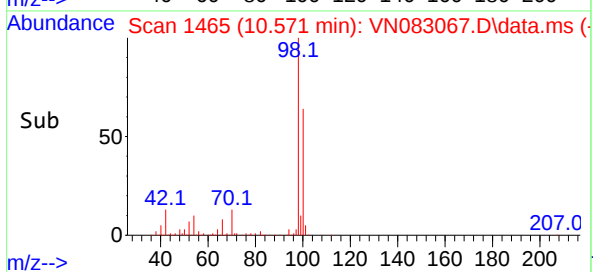
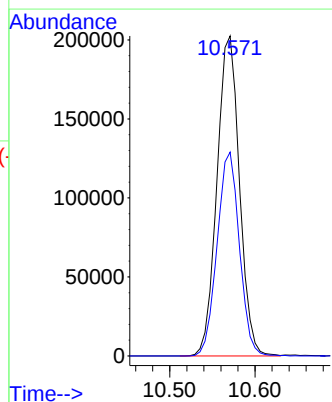
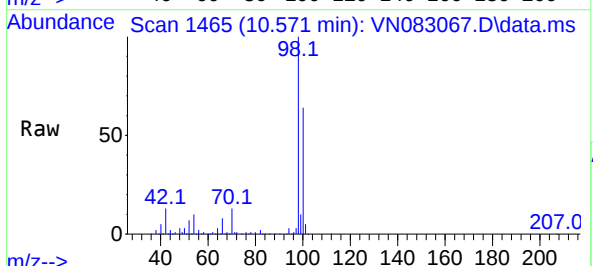
Acq: 30 Jul 2024 14:36

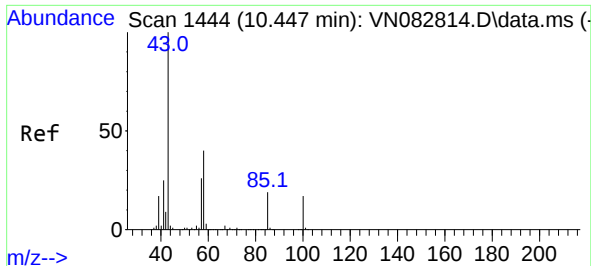
Tgt Ion: 98 Resp: 371683

Ion Ratio Lower Upper

98 100

100 63.0 51.5 77.3

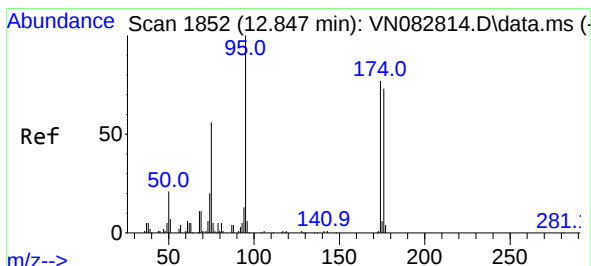
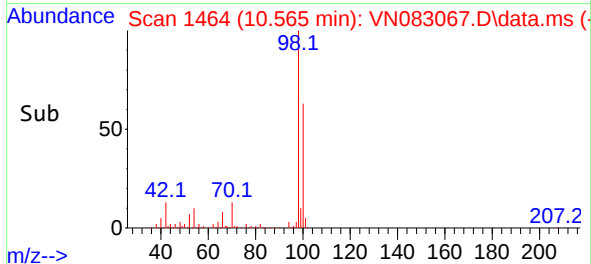
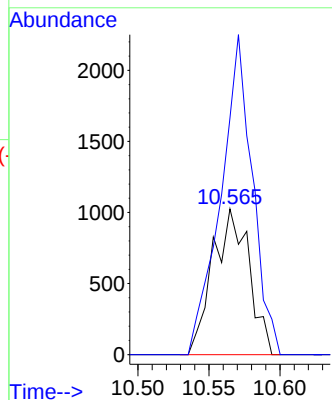
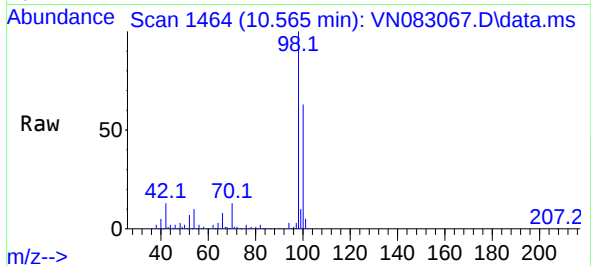




#51
4-Methyl-2-Pentanone
Concen: 0.650 ug/l
RT: 10.565 min Scan# 1444
Delta R.T. 0.118 min
Lab File: VN083067.D
Acq: 30 Jul 2024 14:36

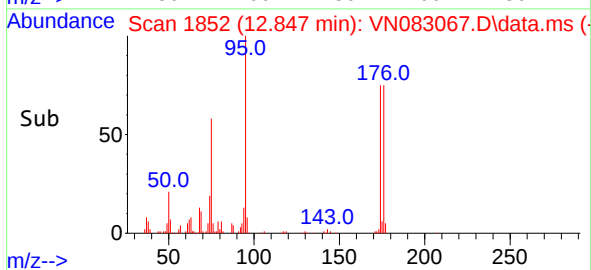
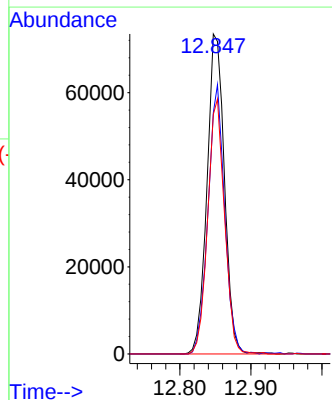
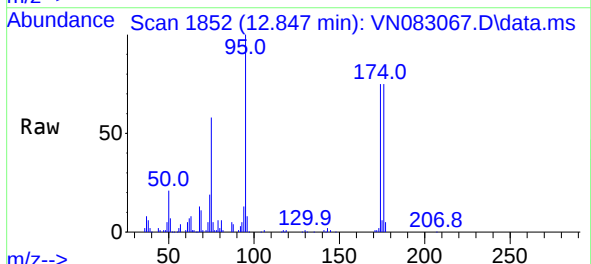
Instrument :
MSVOA_N
ClientSampleId :

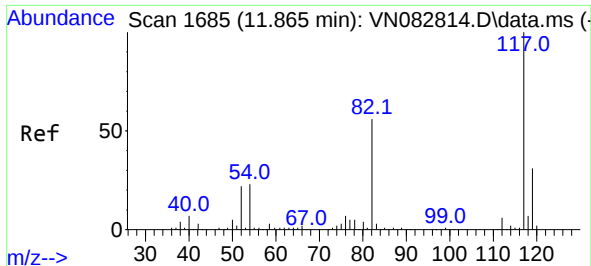
Tgt Ion: 43 Resp: 1822
Ion Ratio Lower Upper
43 100
58 191.8 28.2 42.4#



#62
4-Bromofluorobenzene
Concen: 46.971 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083067.D
Acq: 30 Jul 2024 14:36

Tgt Ion: 95 Resp: 125508
Ion Ratio Lower Upper
95 100
174 80.2 0.0 159.2
176 76.8 0.0 147.6

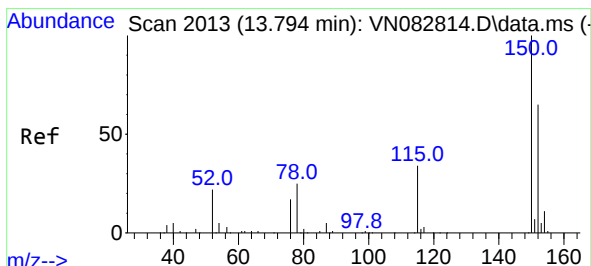
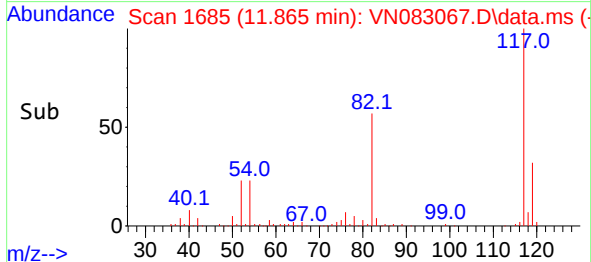
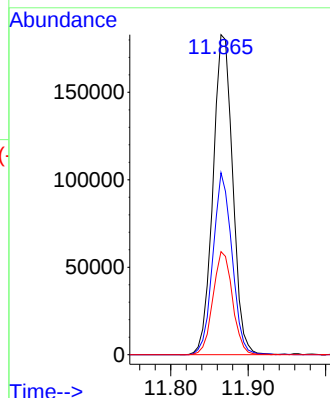
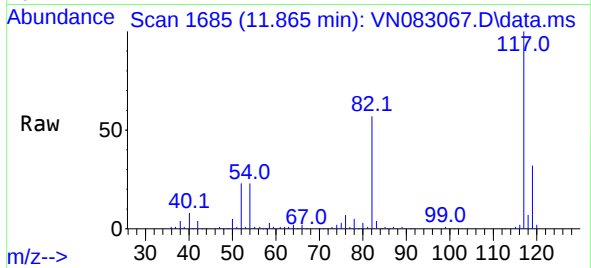




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.005 min
Lab File: VN083067.D
Acq: 30 Jul 2024 14:36

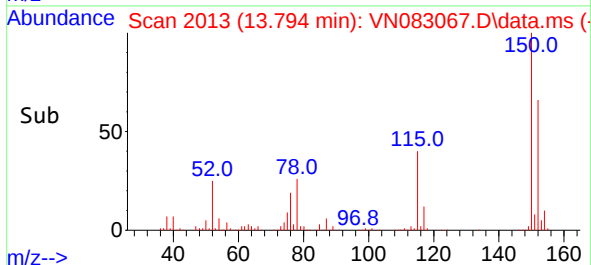
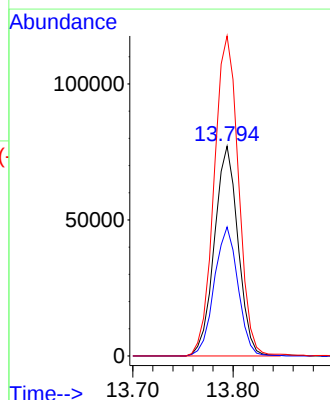
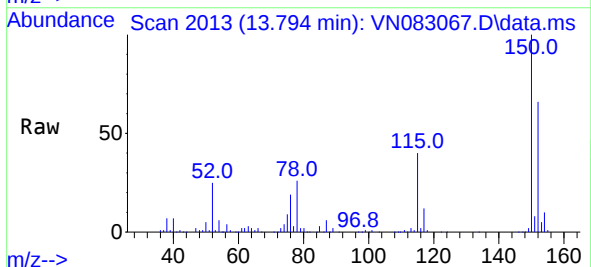
Instrument :
MSVOA_N
ClientSampleId :

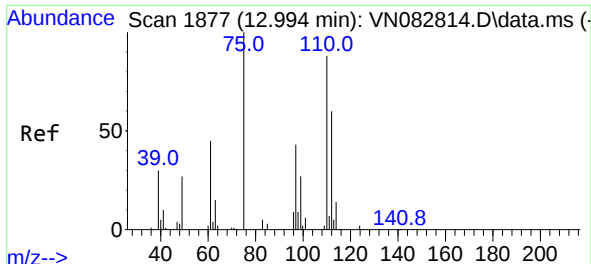
Tgt Ion:117 Resp: 323457
Ion Ratio Lower Upper
117 100
82 56.8 47.5 71.3
119 32.2 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN083067.D
Acq: 30 Jul 2024 14:36

Tgt Ion:152 Resp: 126266
Ion Ratio Lower Upper
152 100
115 61.8 30.6 91.6
150 157.4 0.0 348.6

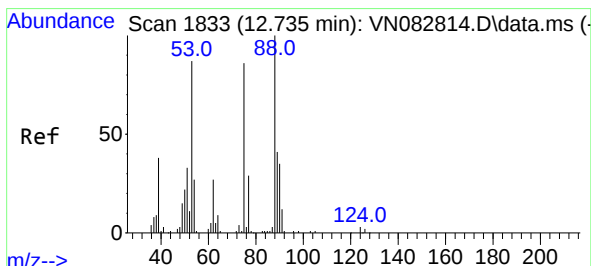
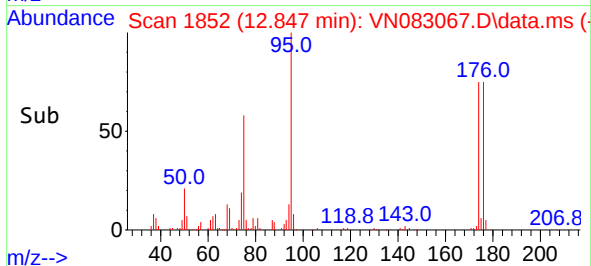
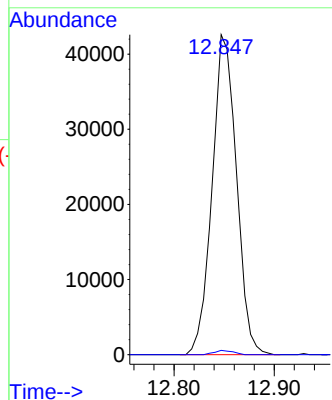
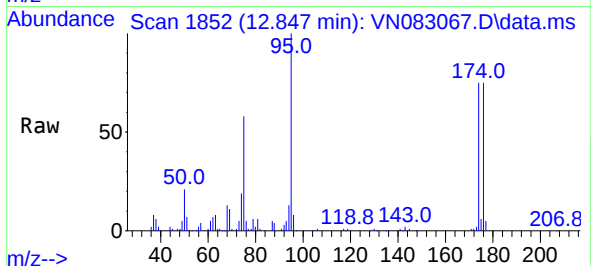




#76
1,2,3-Trichloropropane
Concen: 32.998 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083067.D
Acq: 30 Jul 2024 14:36

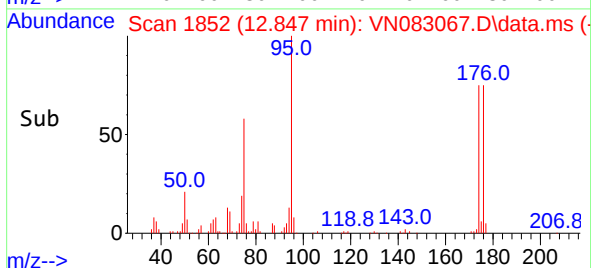
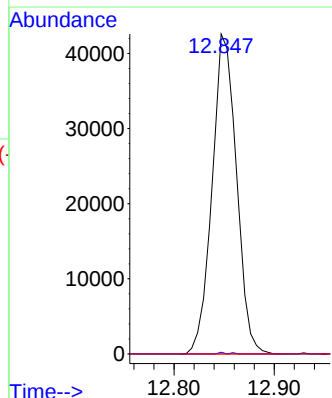
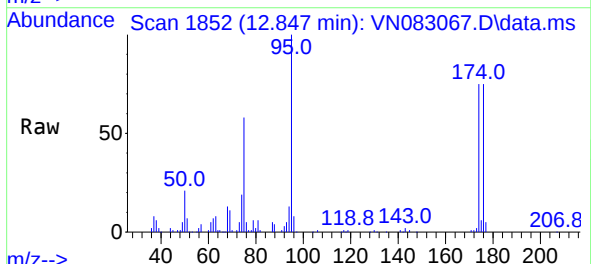
Instrument :
MSVOA_N
ClientSampleId :

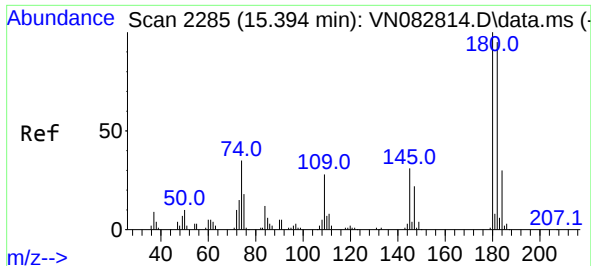
Tgt Ion: 75 Resp: 71834
Ion Ratio Lower Upper
75 100
77 1.0 110.9 332.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.898 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.106 min
Lab File: VN083067.D
Acq: 30 Jul 2024 14:36

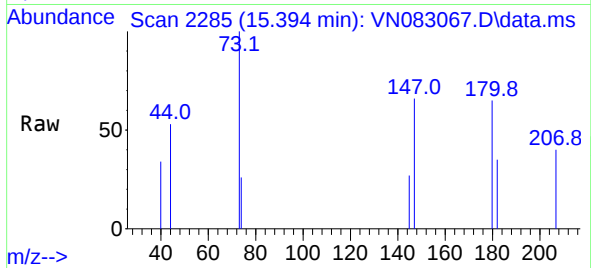
Tgt Ion: 75 Resp: 71834
Ion Ratio Lower Upper
75 100
53 0.2 88.4 132.6#
89 0.0 36.3 54.5#



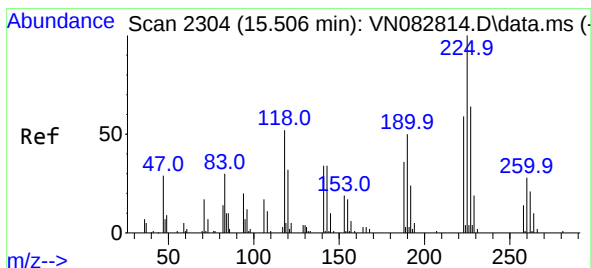
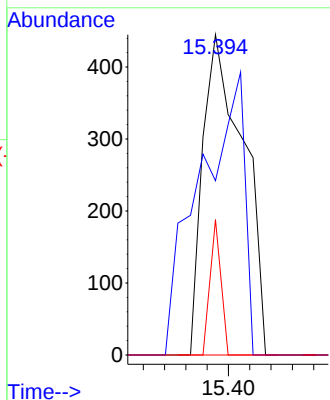
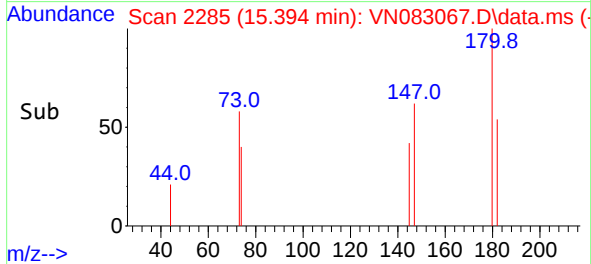


#93
1,2,4-Trichlorobenzene
Concen: 0.262 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN083067.D
Acq: 30 Jul 2024 14:36

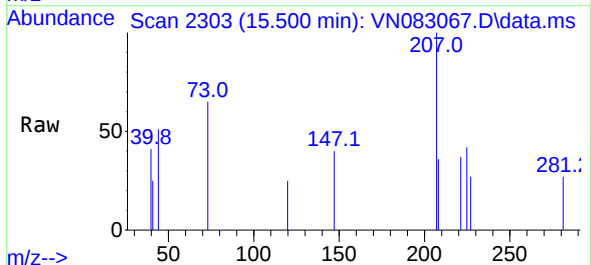
Instrument :
MSVOA_N
ClientSampleId :



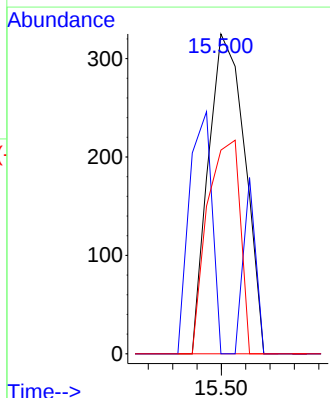
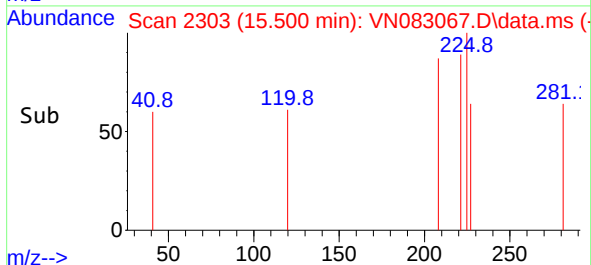
Tgt Ion:180 Resp: 586
Ion Ratio Lower Upper
180 100
182 97.1 47.3 141.8
145 11.3 15.7 47.1#

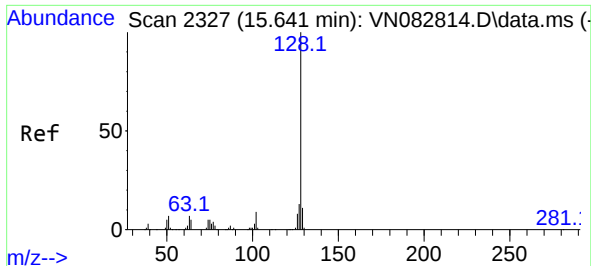


#94
Hexachlorobutadiene
Concen: 0.341 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.005 min
Lab File: VN083067.D
Acq: 30 Jul 2024 14:36



Tgt Ion:225 Resp: 338
Ion Ratio Lower Upper
225 100
223 18.6 31.9 95.7#
227 60.1 32.5 97.5

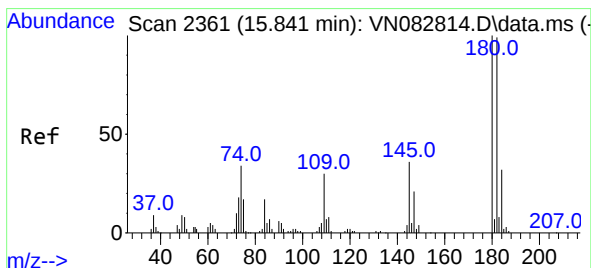
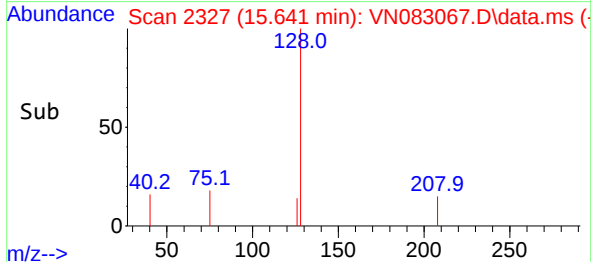
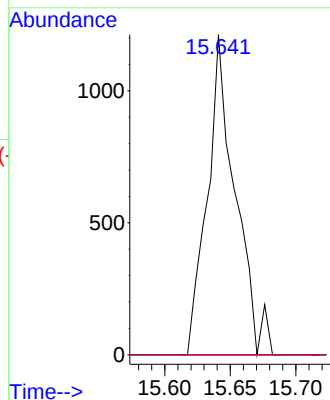
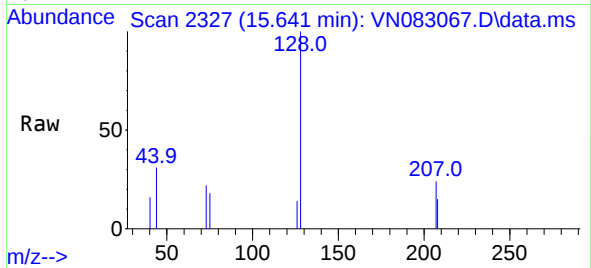




#95
Naphthalene
Concen: 0.235 ug/l
RT: 15.641 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN083067.D
Acq: 30 Jul 2024 14:36

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 1801
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.6 12.8#



#96
1,2,3-Trichlorobenzene
Concen: 0.258 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.006 min
Lab File: VN083067.D
Acq: 30 Jul 2024 14:36

Tgt Ion:180 Resp: 594
Ion Ratio Lower Upper
180 100
182 77.8 48.9 146.8
145 0.0 16.8 50.4#

