

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102824\
 Data File : VN084543.D
 Acq On : 28 Oct 2024 16:41
 Operator : JC\MD
 Sample : P4550-01RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 28 18:35:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 07:11:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	160667	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	278018	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	241263	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	93439	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	116169	48.766	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.540%
35) Dibromofluoromethane	8.165	113	96449	52.622	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.240%
50) Toluene-d8	10.565	98	336854	49.954	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.900%
62) 4-Bromofluorobenzene	12.847	95	112885	45.951	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	91.900%

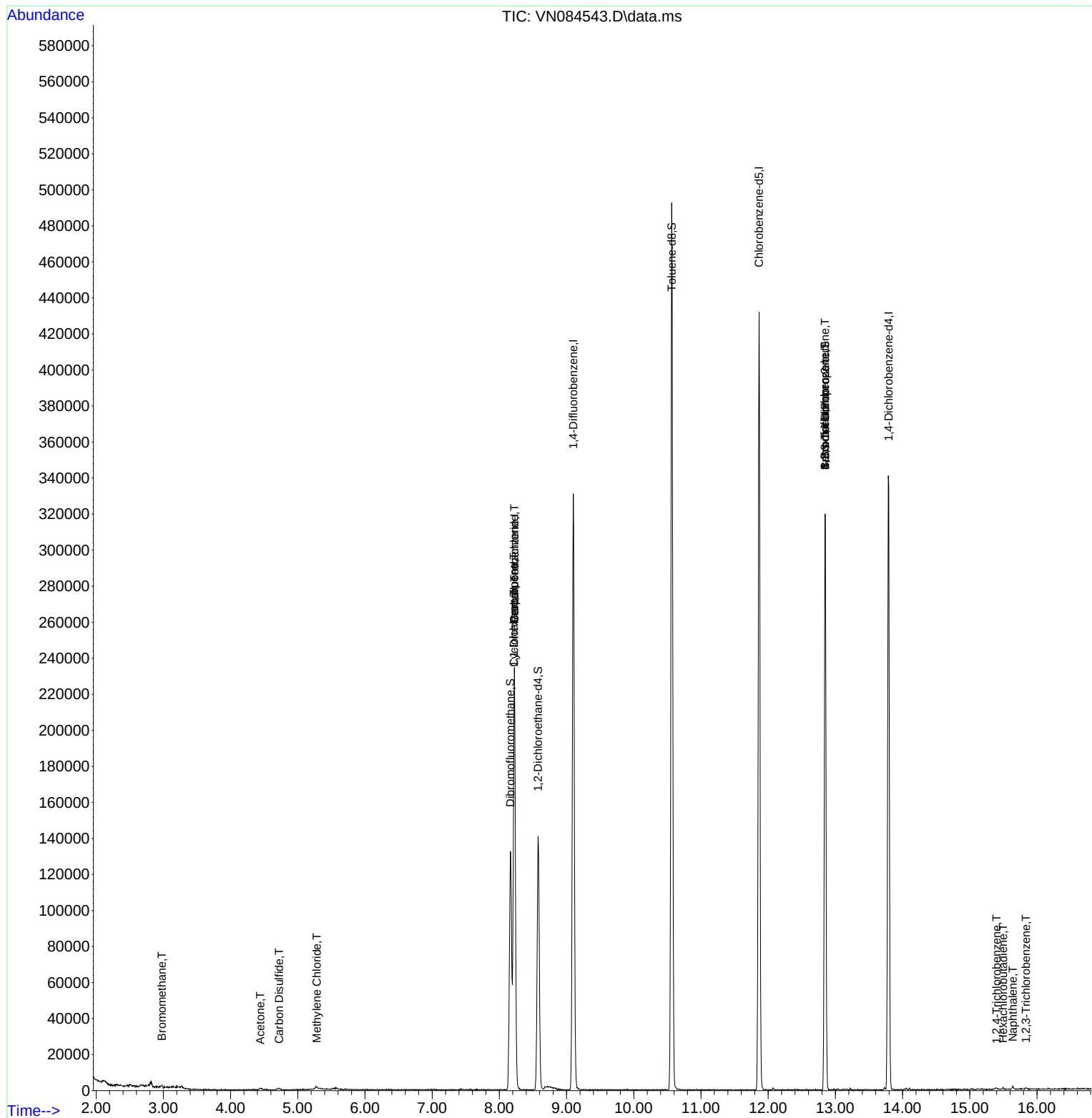
Target Compounds					Qvalue	
5) Bromomethane	2.977	94	516	0.372	ug/l #	49
16) Acetone	4.442	43	1394	1.362	ug/l #	44
17) Carbon Disulfide	4.724	76	1339	0.234	ug/l #	75
20) Methylene Chloride	5.283	84	811	0.390	ug/l #	81
31) Cyclohexane	8.218	56	3628	1.028	ug/l #	1
36) 1,1-Dichloropropene	8.218	75	14464	5.433	ug/l #	49
38) Carbon Tetrachloride	8.224	117	18230	6.242	ug/l #	17
71) Bromoform	12.847	173	921	0.679	ug/l #	30
76) 1,2,3-Trichloropropane	12.847	75	57810	30.305	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	57810	72.656	ug/l #	11
93) 1,2,4-Trichlorobenzene	15.400	180	443	0.284	ug/l #	82
94) Hexachlorobutadiene	15.494	225	276	0.355	ug/l	81
95) Naphthalene	15.641	128	2010	0.389	ug/l #	79
96) 1,2,3-Trichlorobenzene	15.835	180	633	0.406	ug/l #	77

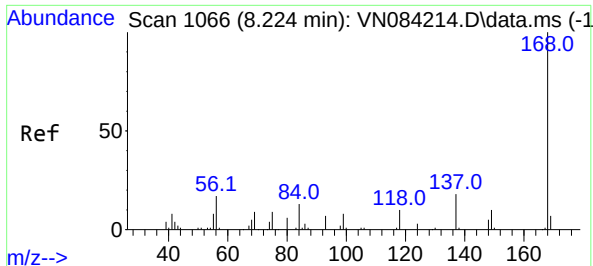
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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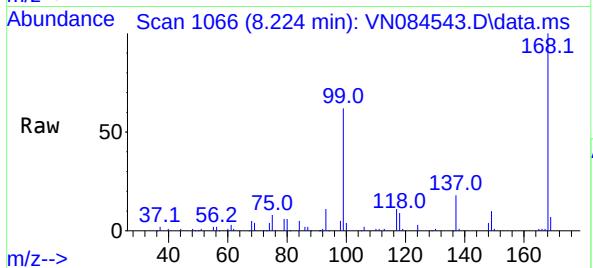
Quant Time: Oct 28 18:35:38 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 01 07:11:01 2024
Response via : Initial Calibration



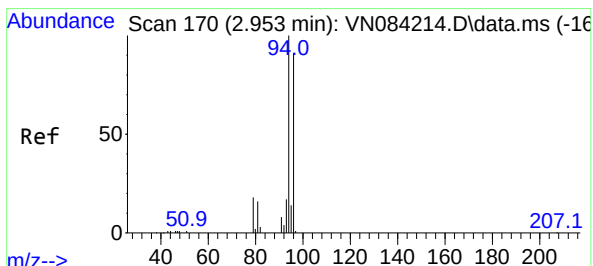
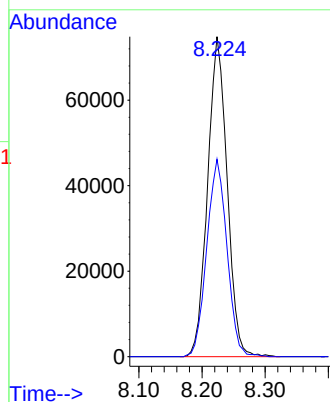
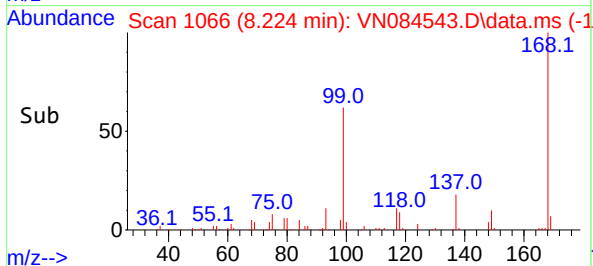


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084543.D
Acq: 28 Oct 2024 16:41

Instrument :
MSVOA_N
ClientSampleId :

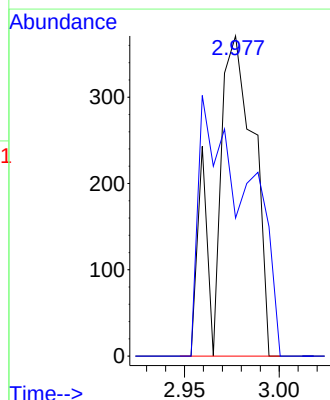
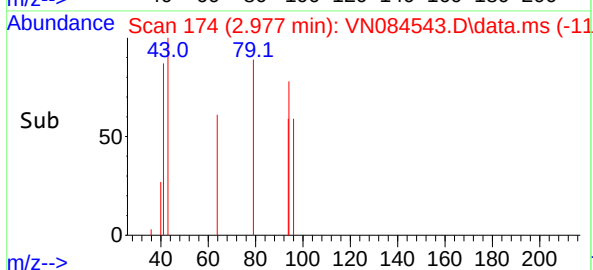
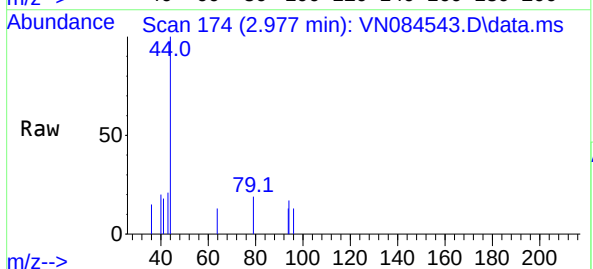


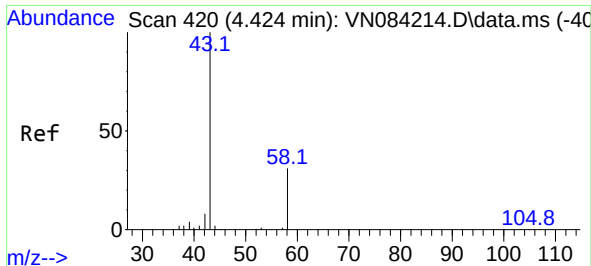
Tgt Ion:168 Resp: 160667
Ion Ratio Lower Upper
168 100
99 61.7 54.2 81.2



#5
Bromomethane
Concen: 0.372 ug/l
RT: 2.977 min Scan# 174
Delta R.T. 0.024 min
Lab File: VN084543.D
Acq: 28 Oct 2024 16:41

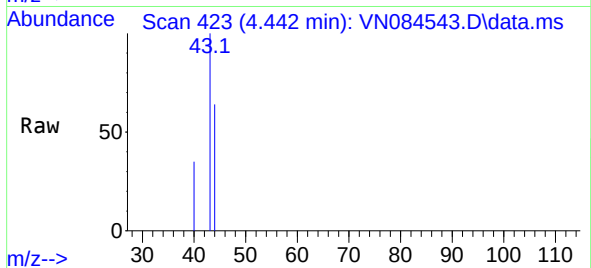
Tgt Ion: 94 Resp: 516
Ion Ratio Lower Upper
94 100
96 43.1 72.9 109.3#



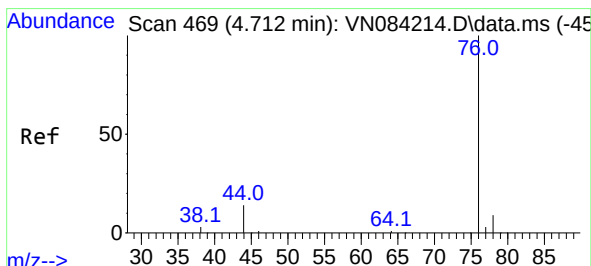
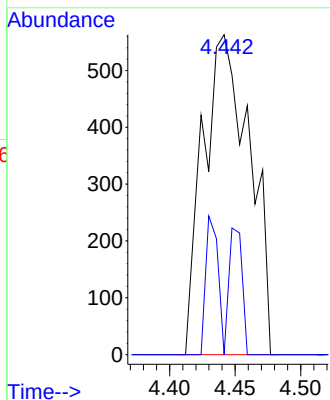
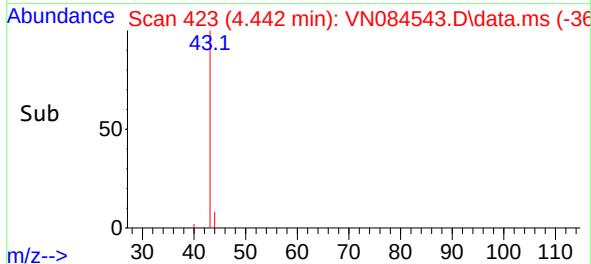


#16
Acetone
Concen: 1.362 ug/l
RT: 4.442 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN084543.D
Acq: 28 Oct 2024 16:41

Instrument :
MSVOA_N
ClientSampleId :

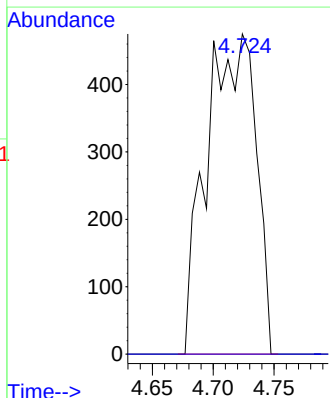
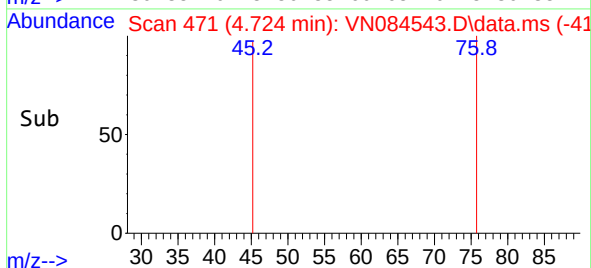
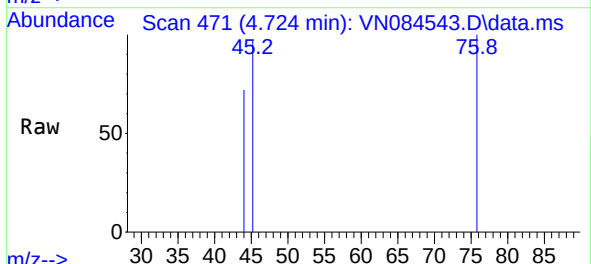


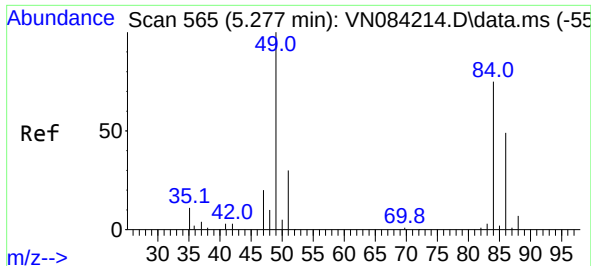
Tgt Ion: 43 Resp: 1394
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#



#17
Carbon Disulfide
Concen: 0.234 ug/l
RT: 4.724 min Scan# 471
Delta R.T. 0.012 min
Lab File: VN084543.D
Acq: 28 Oct 2024 16:41

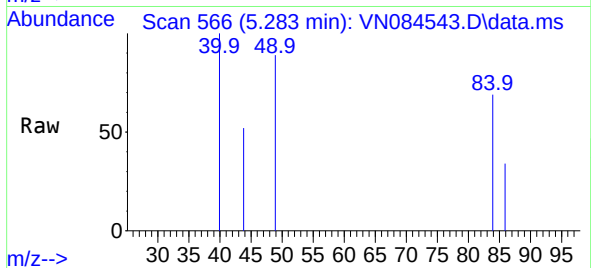
Tgt Ion: 76 Resp: 1339
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9#





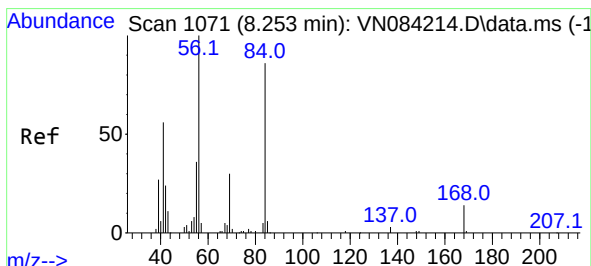
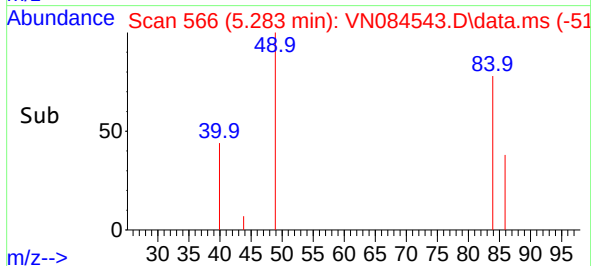
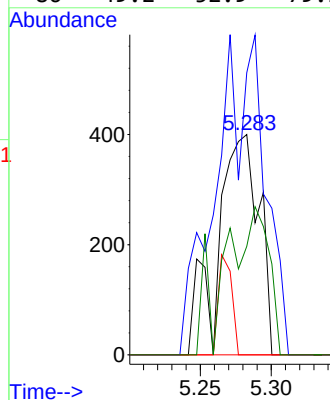
#20
Methylene Chloride
Concen: 0.390 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN084543.D
Acq: 28 Oct 2024 16:41

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 84 Resp: 811

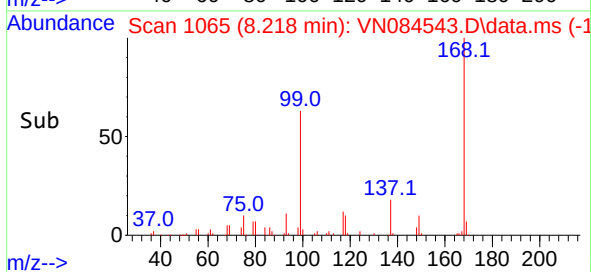
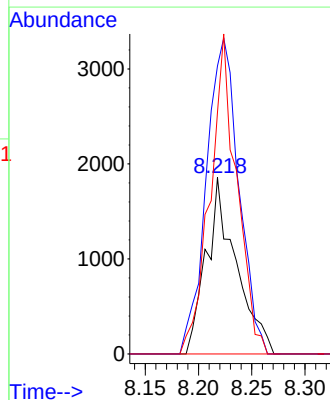
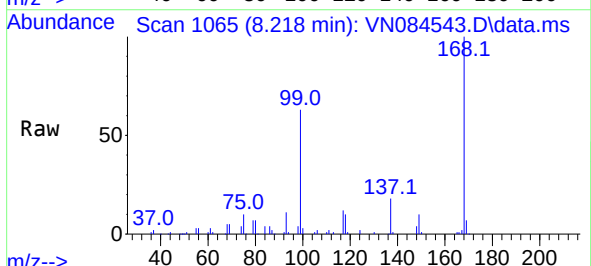
Ion	Ratio	Lower	Upper
84	100		
49	128.0	107.2	160.8
51	0.0	31.8	47.8#
86	49.2	52.9	79.3#

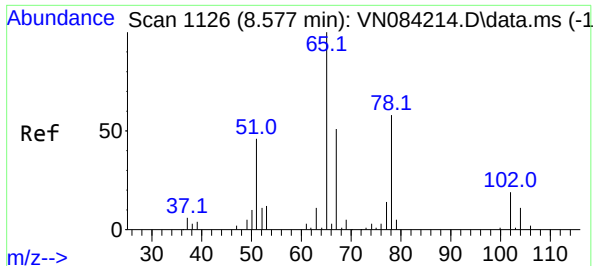


#31
Cyclohexane
Concen: 1.028 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN084543.D
Acq: 28 Oct 2024 16:41

Tgt Ion: 56 Resp: 3628

Ion	Ratio	Lower	Upper
56	100		
69	163.2	23.8	35.6#
84	136.9	68.8	103.2#

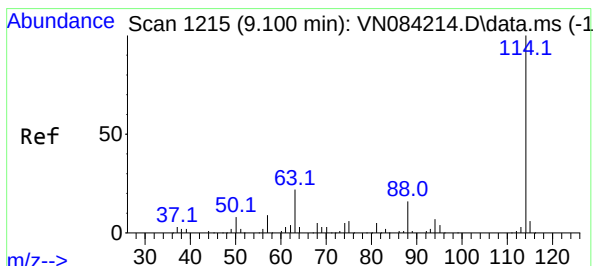
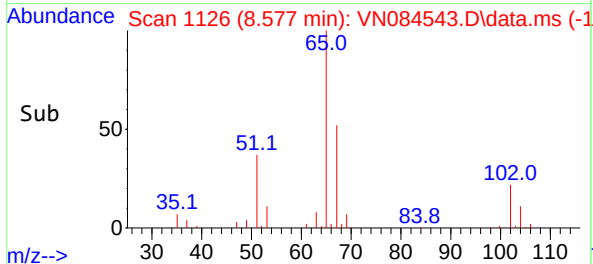
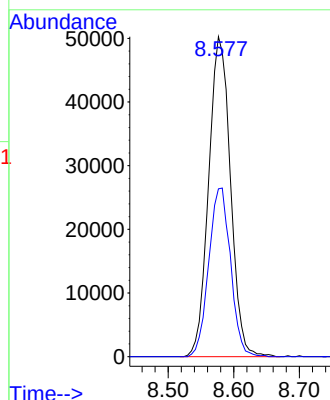
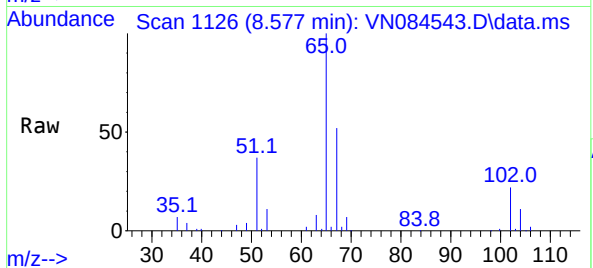




#33
1,2-Dichloroethane-d4
Concen: 48.766 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084543.D
Acq: 28 Oct 2024 16:41

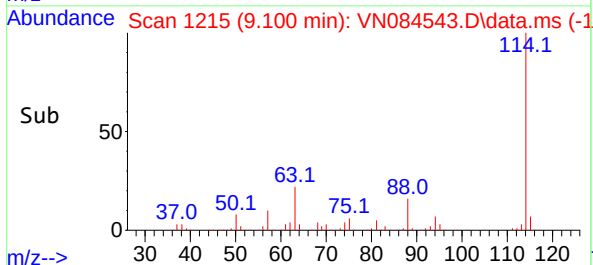
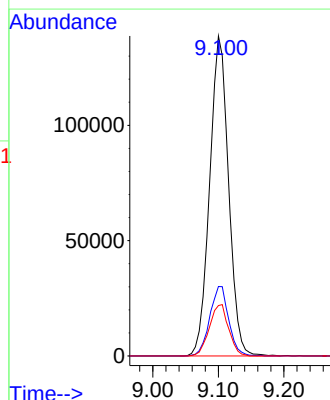
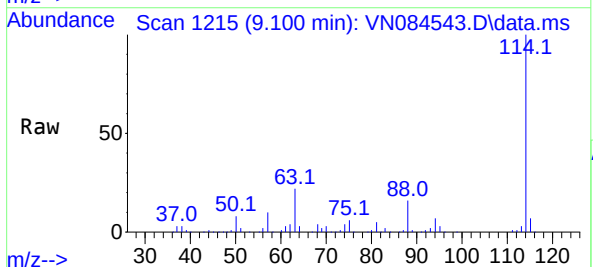
Instrument :
MSVOA_N
ClientSampleId :

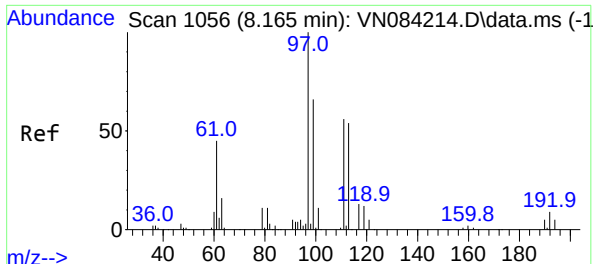
Tgt Ion: 65 Resp: 116169
Ion Ratio Lower Upper
65 100
67 52.7 0.0 102.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN084543.D
Acq: 28 Oct 2024 16:41

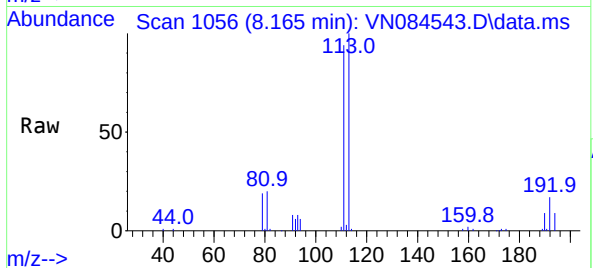
Tgt Ion: 114 Resp: 278018
Ion Ratio Lower Upper
114 100
63 21.7 0.0 43.8
88 15.8 0.0 31.6



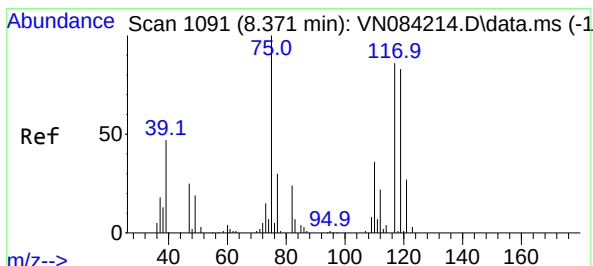
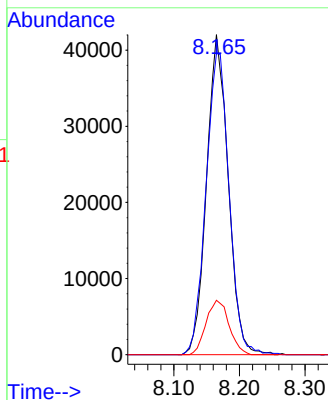
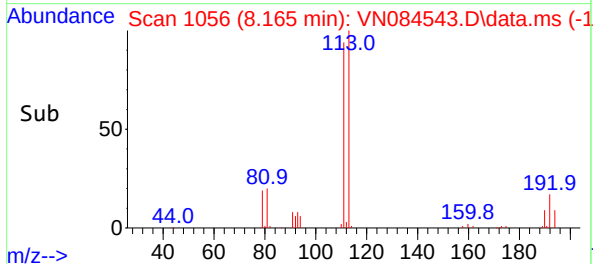


#35
Dibromofluoromethane
Concen: 52.622 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN084543.D
Acq: 28 Oct 2024 16:41

Instrument :
MSVOA_N
ClientSampleId :

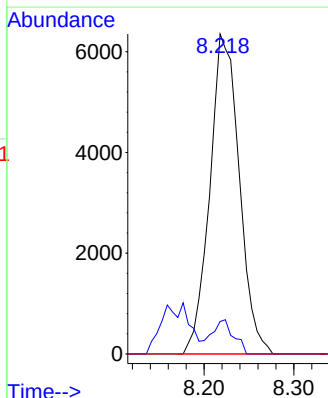
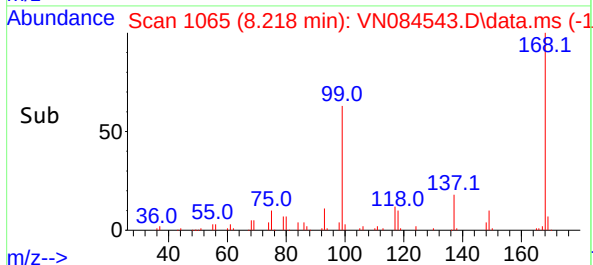
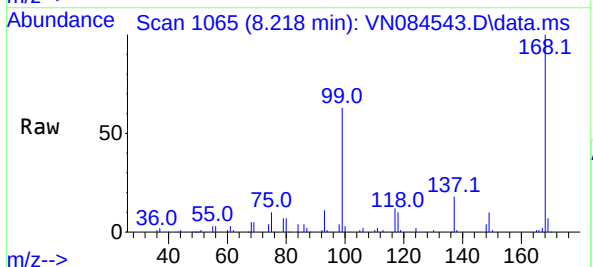


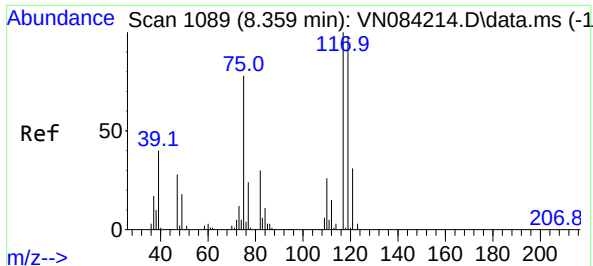
Tgt Ion:113 Resp: 96449
Ion Ratio Lower Upper
113 100
111 100.8 83.3 124.9
192 18.0 13.5 20.3



#36
1,1-Dichloropropene
Concen: 5.433 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.153 min
Lab File: VN084543.D
Acq: 28 Oct 2024 16:41

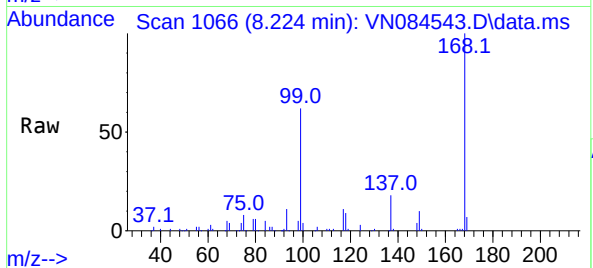
Tgt Ion: 75 Resp: 14464
Ion Ratio Lower Upper
75 100
110 7.6 16.9 50.7#
77 0.0 24.7 37.1#



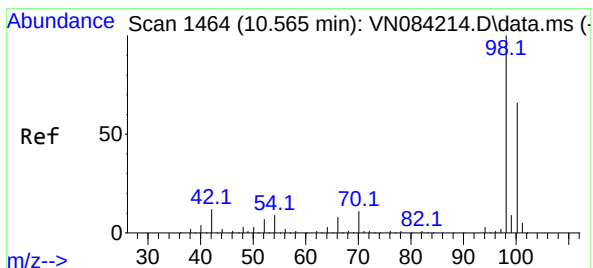
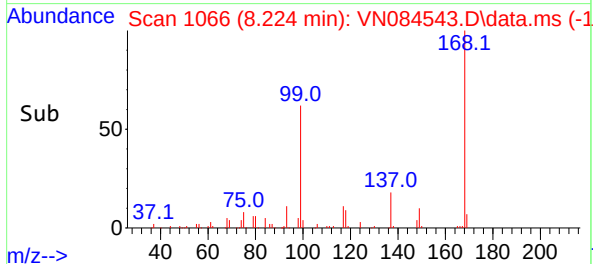
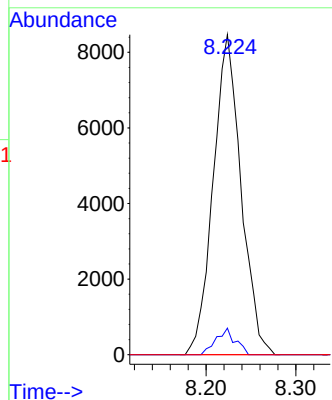


#38
Carbon Tetrachloride
Concen: 6.242 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN084543.D
Acq: 28 Oct 2024 16:41

Instrument :
MSVOA_N
ClientSampleId :

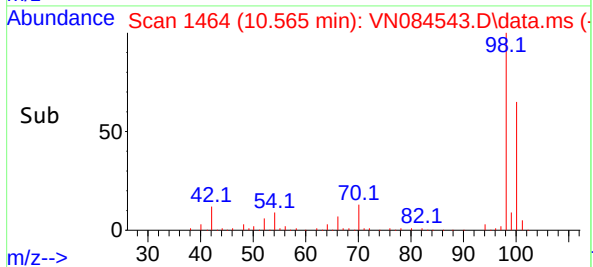
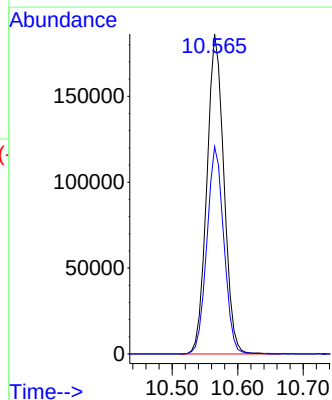
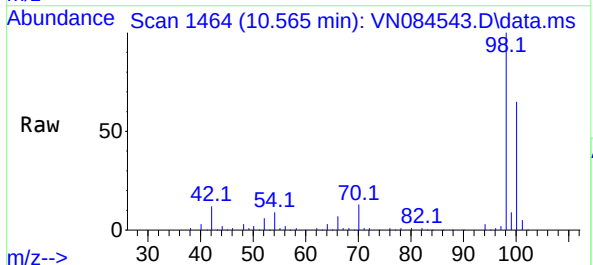


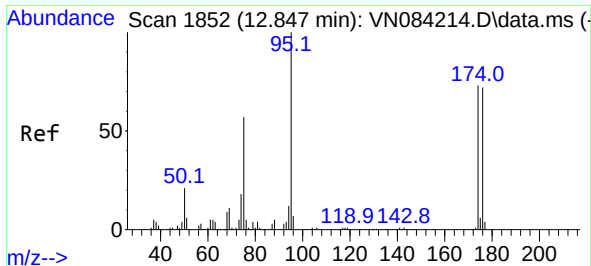
Tgt Ion:117 Resp: 18230
Ion Ratio Lower Upper
117 100
119 8.3 78.7 118.1#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.954 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084543.D
Acq: 28 Oct 2024 16:41

Tgt Ion: 98 Resp: 336854
Ion Ratio Lower Upper
98 100
100 64.5 52.7 79.1

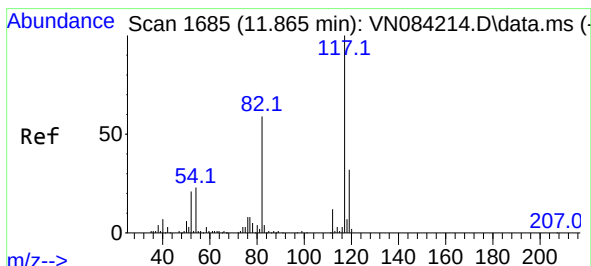
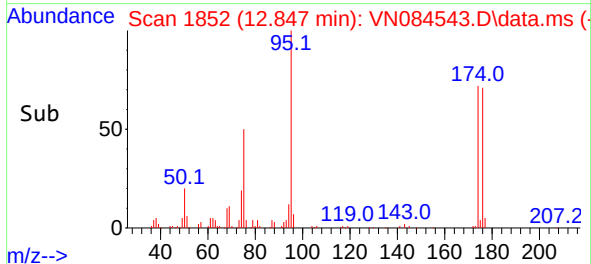
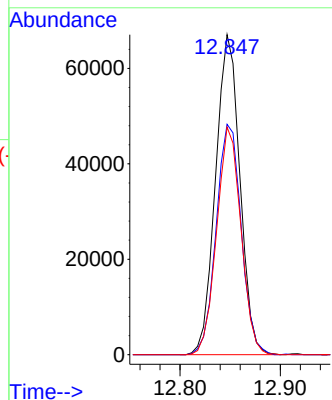
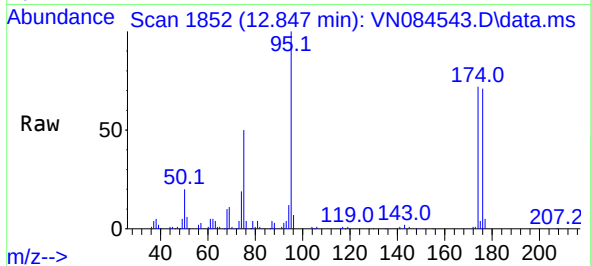




#62
4-Bromofluorobenzene
Concen: 45.951 ug/l
RT: 12.847 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084543.D
Acq: 28 Oct 2024 16:41

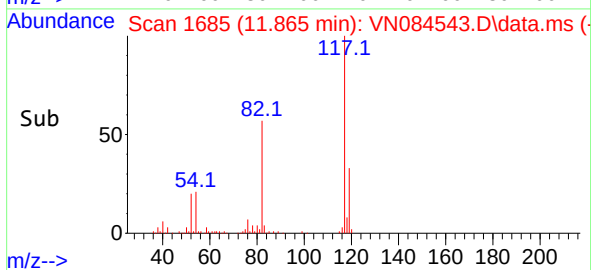
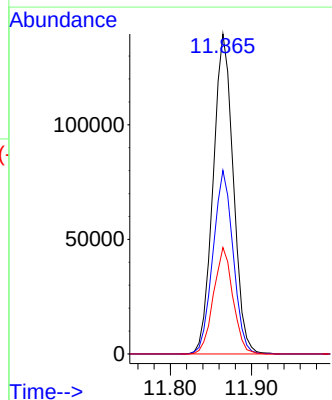
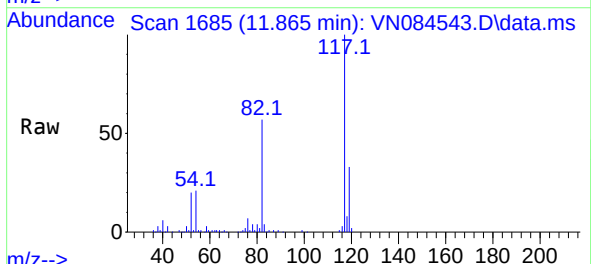
Instrument :
MSVOA_N
ClientSampleId :

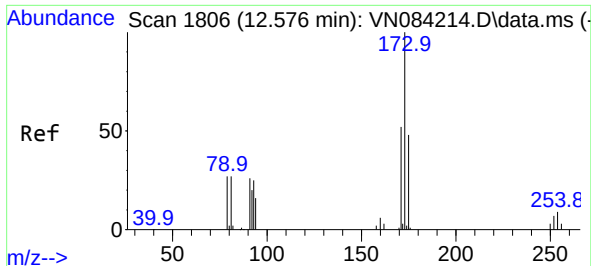
Tgt Ion: 95 Resp: 112885
Ion Ratio Lower Upper
95 100
174 74.2 0.0 145.2
176 71.0 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084543.D
Acq: 28 Oct 2024 16:41

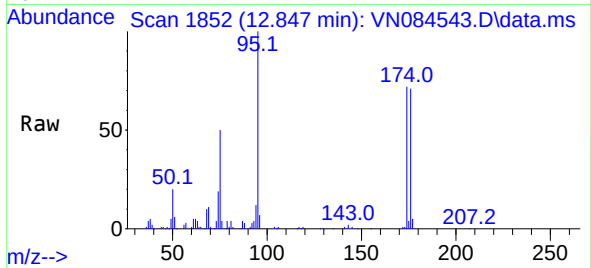
Tgt Ion: 117 Resp: 241263
Ion Ratio Lower Upper
117 100
82 57.4 47.2 70.8
119 33.2 25.4 38.0



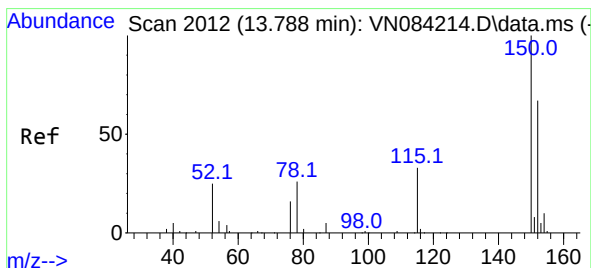
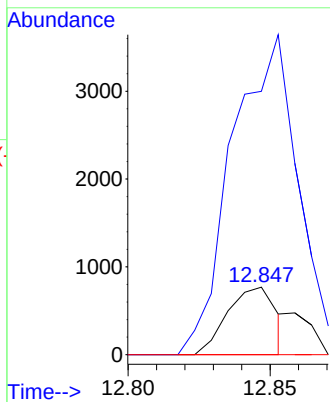
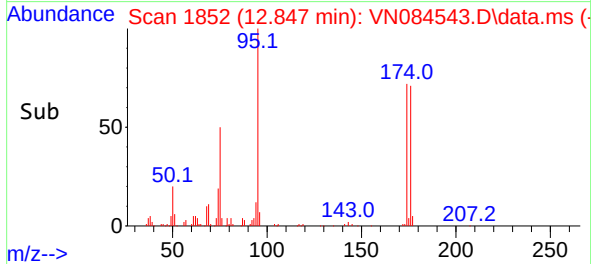


#71
Bromoform
Concen: 0.679 ug/l
RT: 12.847 min Scan# 1806
Delta R.T. 0.271 min
Lab File: VN084543.D
Acq: 28 Oct 2024 16:41

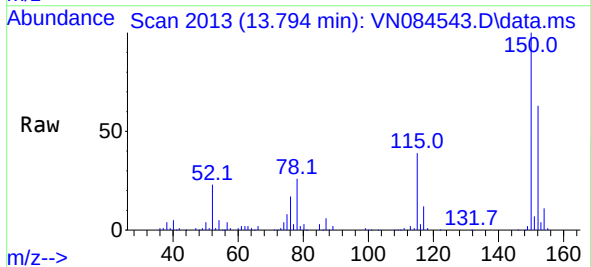
Instrument :
MSVOA_N
ClientSampleId :



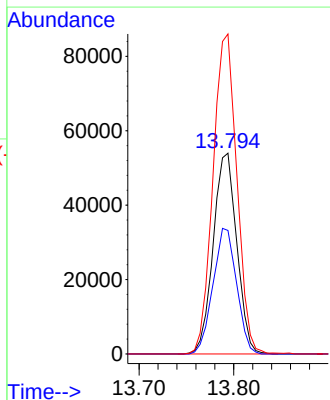
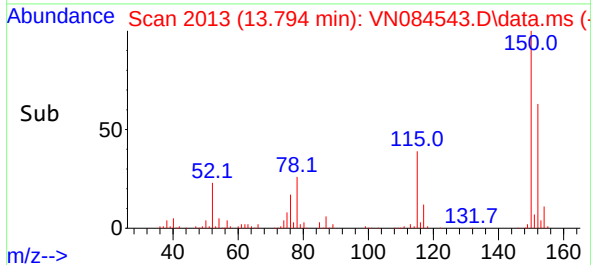
Tgt Ion:173 Resp: 921
Ion Ratio Lower Upper
173 100
175 0.0 23.5 70.6#
254 0.0 0.0 0.0

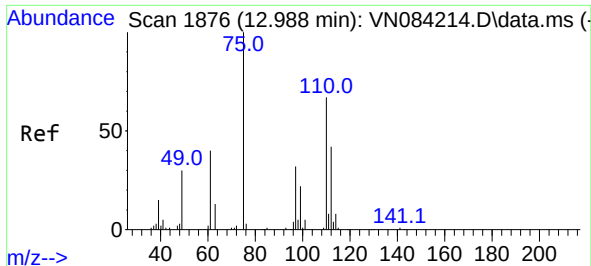


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN084543.D
Acq: 28 Oct 2024 16:41



Tgt Ion:152 Resp: 93439
Ion Ratio Lower Upper
152 100
115 62.5 31.3 93.9
150 161.3 0.0 349.8

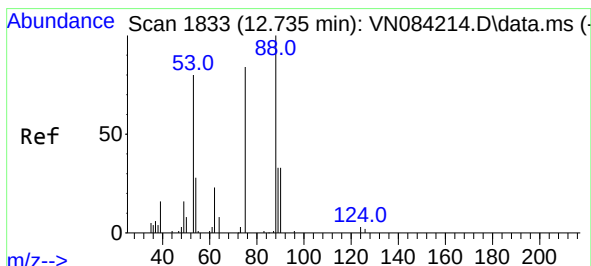
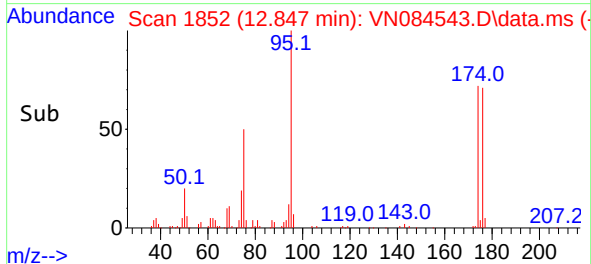
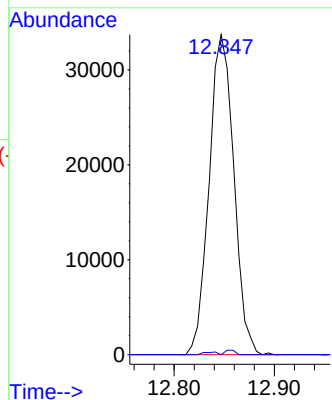
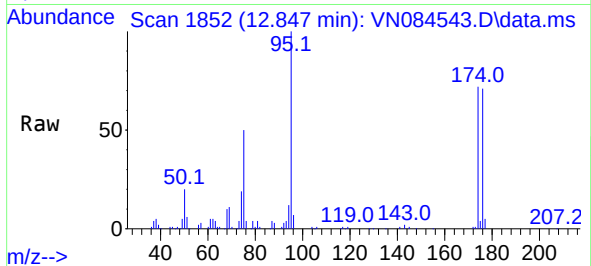




#76
1,2,3-Trichloropropane
Concen: 30.305 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN084543.D
Acq: 28 Oct 2024 16:41

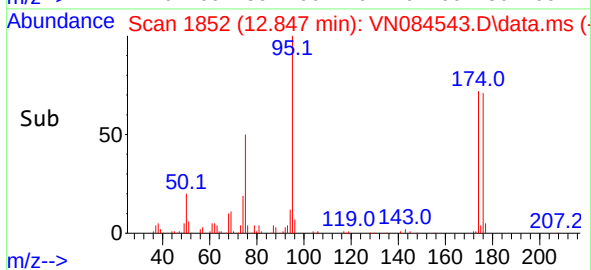
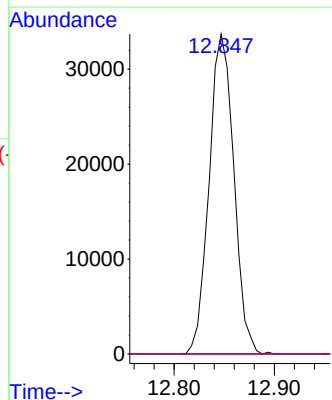
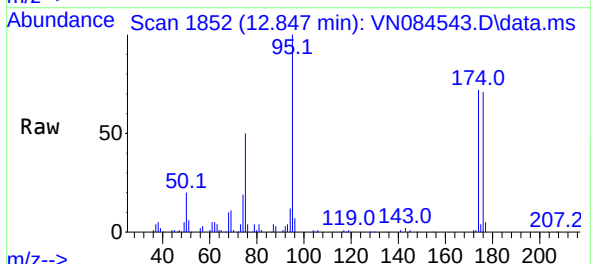
Instrument :
MSVOA_N
ClientSampleId :

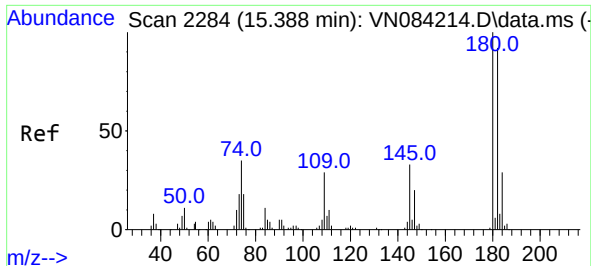
Tgt Ion: 75 Resp: 57810
Ion Ratio Lower Upper
75 100
77 0.5 96.9 290.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.656 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN084543.D
Acq: 28 Oct 2024 16:41

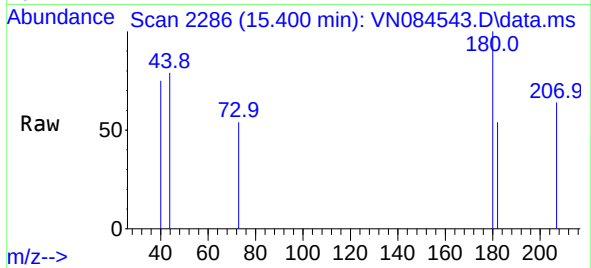
Tgt Ion: 75 Resp: 57810
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 35.5 53.3#



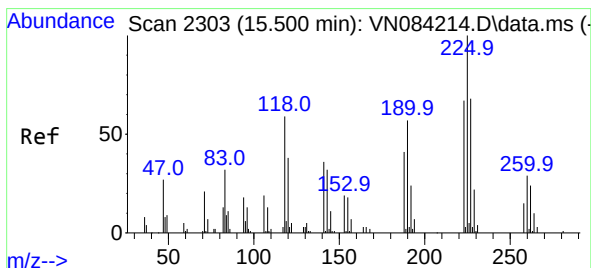
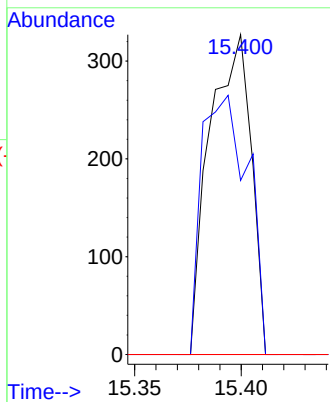
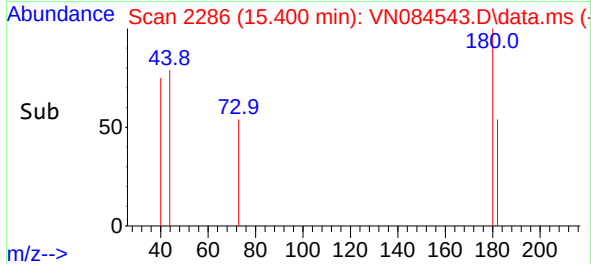


#93
1,2,4-Trichlorobenzene
Concen: 0.284 ug/l
RT: 15.400 min Scan# 21
Delta R.T. 0.012 min
Lab File: VN084543.D
Acq: 28 Oct 2024 16:41

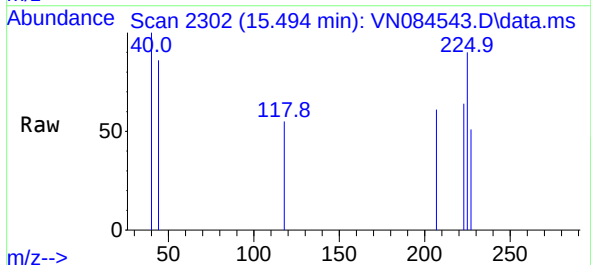
Instrument :
MSVOA_N
ClientSampleId :



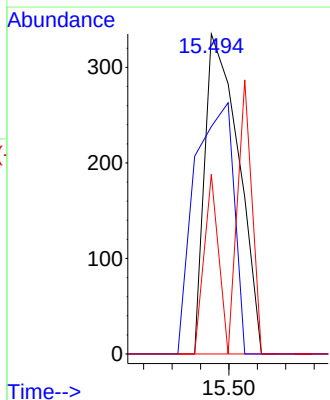
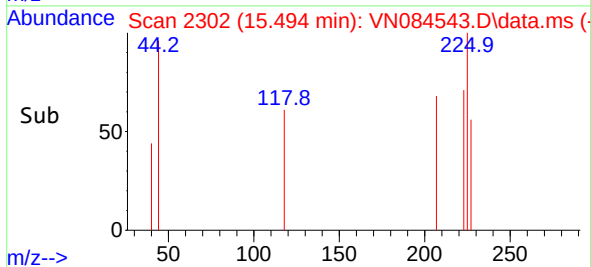
Tgt Ion:180 Resp: 443
Ion Ratio Lower Upper
180 100
182 90.3 47.0 141.0
145 0.0 16.4 49.4#

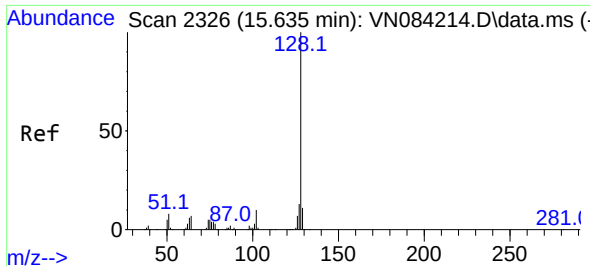


#94
Hexachlorobutadiene
Concen: 0.355 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.006 min
Lab File: VN084543.D
Acq: 28 Oct 2024 16:41



Tgt Ion:225 Resp: 276
Ion Ratio Lower Upper
225 100
223 90.6 32.4 97.2
227 60.9 32.4 97.0

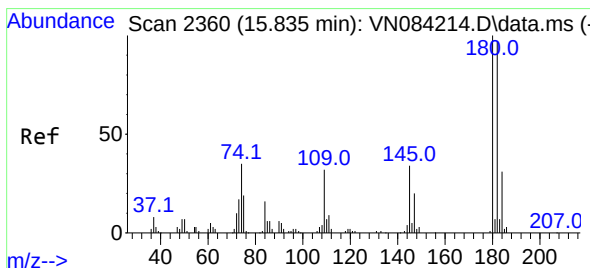
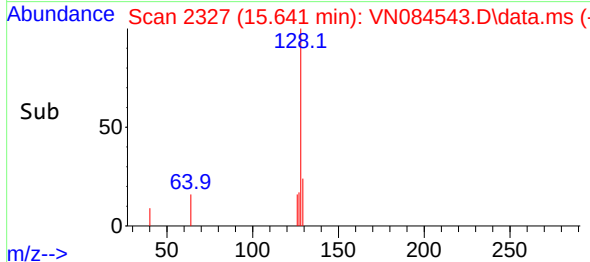
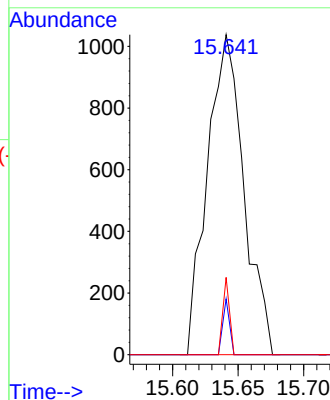
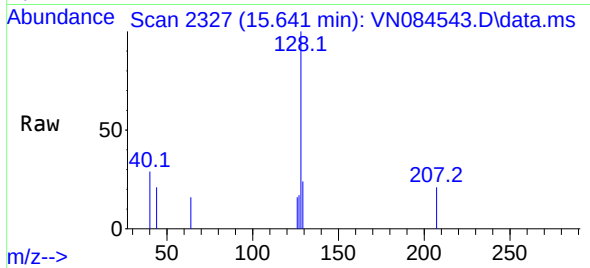




#95
Naphthalene
Concen: 0.389 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN084543.D
Acq: 28 Oct 2024 16:41

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:	128	Resp:	2010
Ion	Ratio	Lower	Upper
128	100		
127	3.2	10.5	15.7#
129	4.4	8.7	13.1#



#96
1,2,3-Trichlorobenzene
Concen: 0.406 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN084543.D
Acq: 28 Oct 2024 16:41

Tgt Ion:	180	Resp:	633
Ion	Ratio	Lower	Upper
180	100		
182	86.7	48.2	144.6
145	0.0	17.3	51.9#

