

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080823\
 Data File : VN078793.D
 Acq On : 08 Aug 2023 11:16
 Operator : JC\MD
 Sample : VN0808WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0808WBL01

Quant Time: Aug 09 02:47:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080723W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 05:03:52 2023
 Response via : Initial Calibration

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

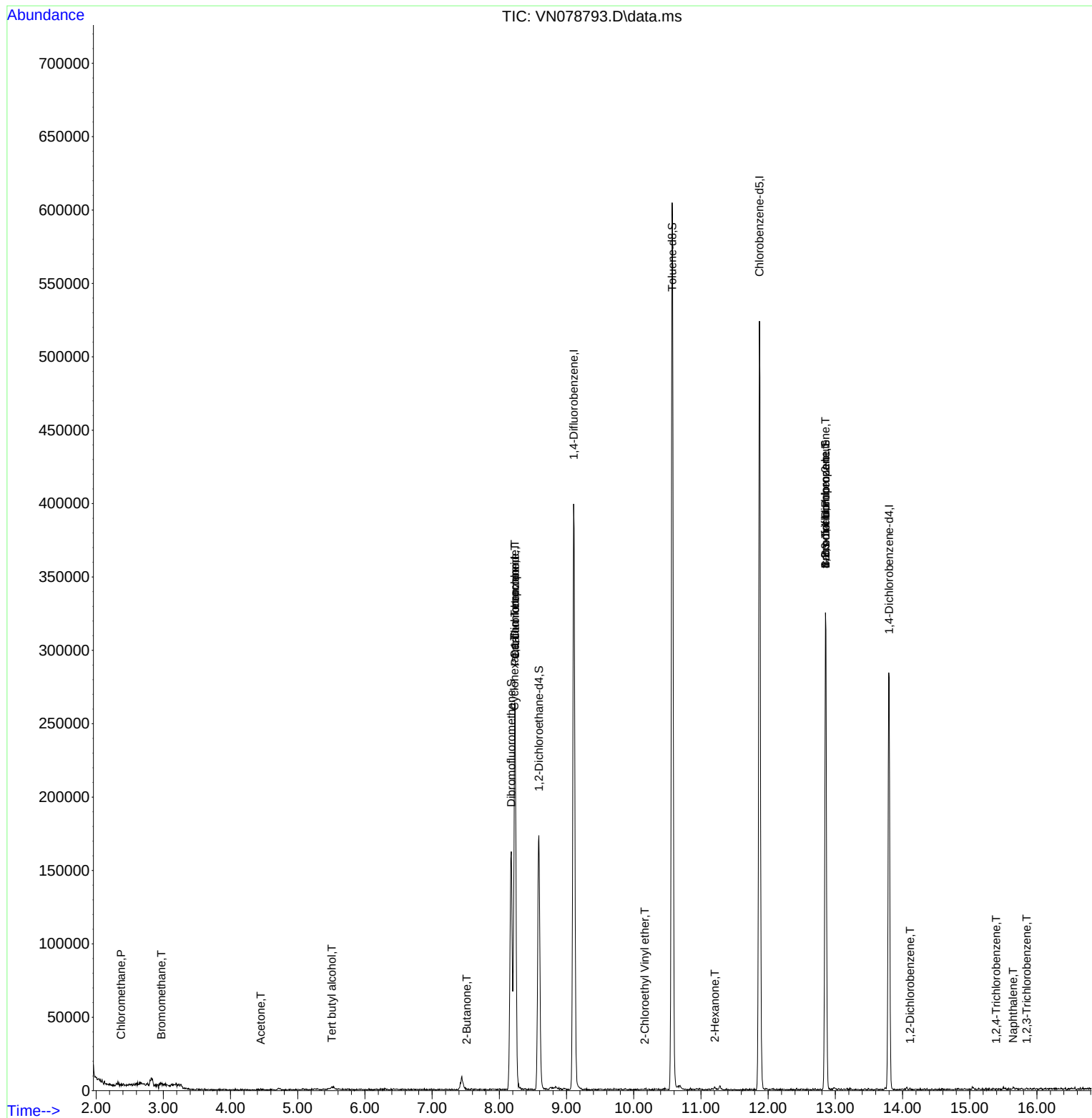
Internal Standards						
1) Pentafluorobenzene	8.236	168	179044	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	335243	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	288458	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	74680	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	136388	50.813	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.620%	
35) Dibromofluoromethane	8.177	113	112375	49.637	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.280%	
50) Toluene-d8	10.571	98	410011	49.214	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.420%	
62) 4-Bromofluorobenzene	12.853	95	109447	43.957	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 87.920%	
Target Compounds						Qvalue
3) Chloromethane	2.371	50	623	0.202	ug/l	99
5) Bromomethane	2.971	94	820	0.398	ug/l #	73
11) Tert butyl alcohol	5.506	59	1071	2.274	ug/l #	72
16) Acetone	4.448	43	230	0.223	ug/l #	40
25) 2-Butanone	7.512	43	394	0.225	ug/l #	37
31) Cyclohexane	8.224	56	5475	1.388	ug/l #	47
36) 1,1-Dichloropropene	8.230	75	16235	4.622	ug/l #	49
38) Carbon Tetrachloride	8.230	117	19430	5.366	ug/l #	18
58) 2-Chloroethyl Vinyl ether	10.165	63	466	0.347	ug/l #	42
59) 2-Hexanone	11.206	43	1217	0.446	ug/l	65
71) Bromoform	12.853	173	854	0.481	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	59341	29.390	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	59341	78.863	ug/l #	15
91) 1,2-Dichlorobenzene	14.112	146	690	0.260	ug/l #	39
93) 1,2,4-Trichlorobenzene	15.394	180	216	0.290	ug/l #	43
94) Hexachlorobutadiene	15.500	225	164	Below Cal	#	50
95) Naphthalene	15.647	128	1297	0.521	ug/l #	89
96) 1,2,3-Trichlorobenzene	15.847	180	385	0.434	ug/l #	74

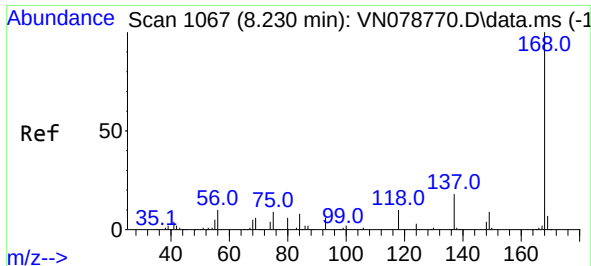
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080823\
Data File : VN078793.D
Acq On : 08 Aug 2023 11:16
Operator : JC\MD
Sample : VN0808WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0808WBL01

Quant Time: Aug 09 02:47:17 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080723W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 08 05:03:52 2023
Response via : Initial Calibration

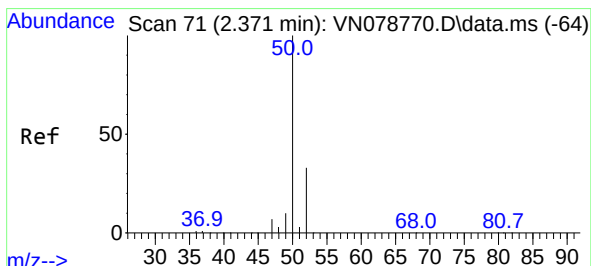
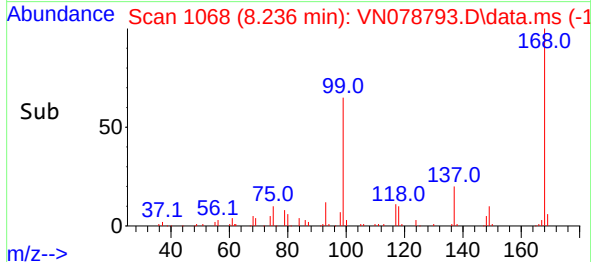
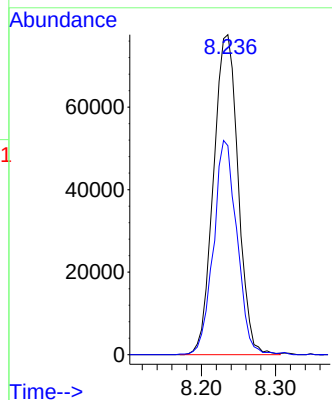
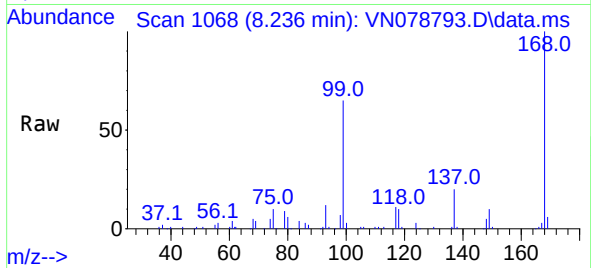




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN078793.D
Acq: 08 Aug 2023 11:16

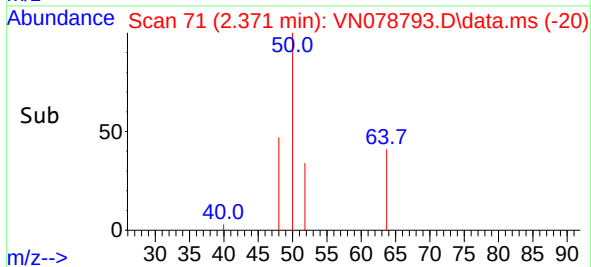
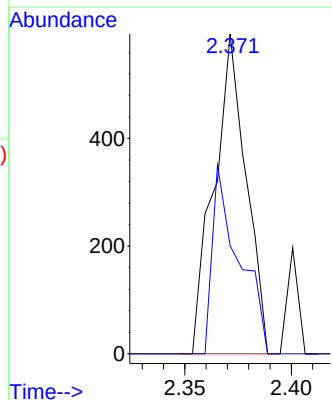
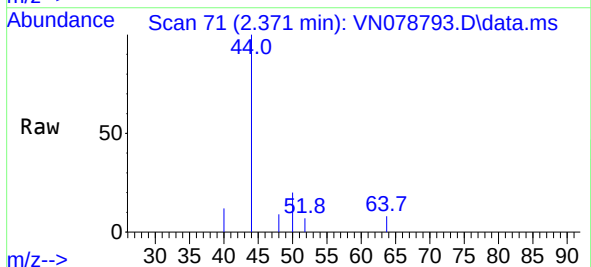
Instrument :
MSVOA_N
ClientSampleId :
VN0808WBL01

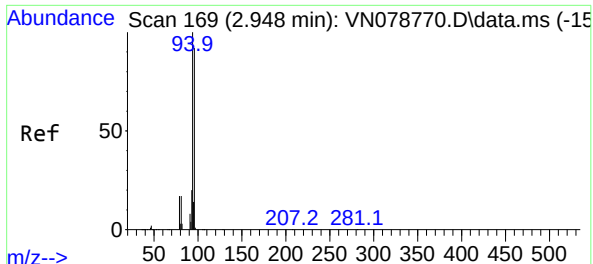
Tgt Ion:168 Resp: 179044
Ion Ratio Lower Upper
168 100
99 65.1 53.0 79.6



#3
Chloromethane
Concen: 0.202 ug/l
RT: 2.371 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN078793.D
Acq: 08 Aug 2023 11:16

Tgt Ion: 50 Resp: 623
Ion Ratio Lower Upper
50 100
52 33.8 26.5 39.7

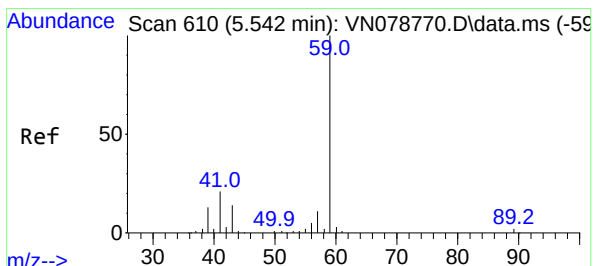
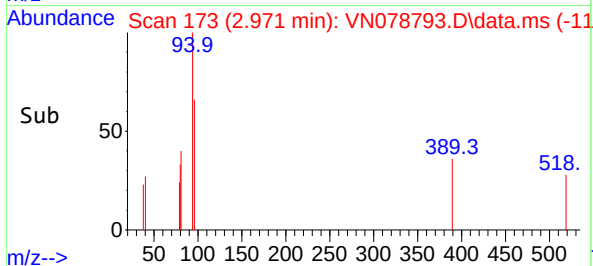
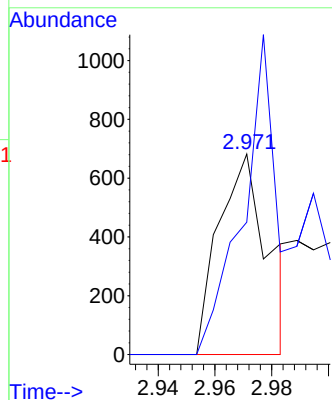
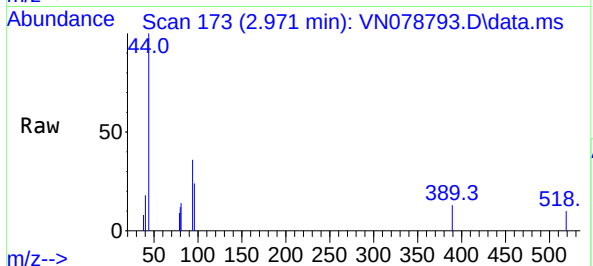




#5
Bromomethane
Concen: 0.398 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN078793.D
Acq: 08 Aug 2023 11:16

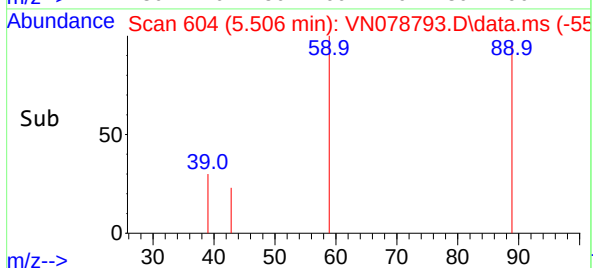
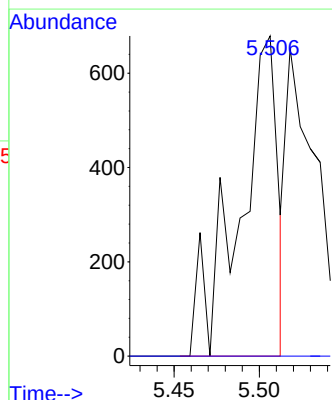
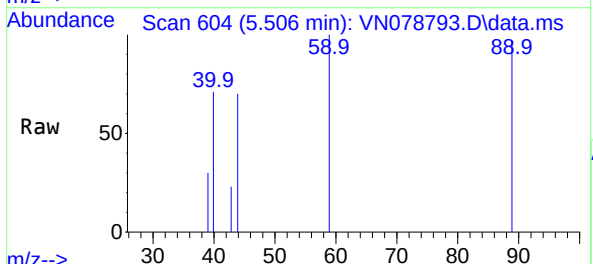
Instrument :
MSVOA_N
ClientSampleId :
VN0808WBL01

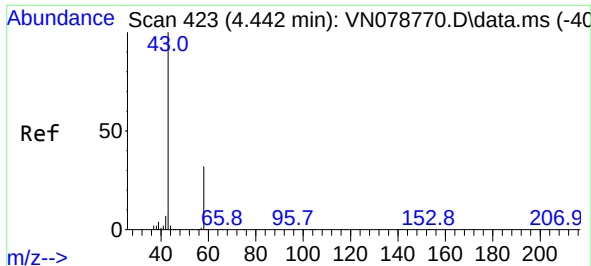
Tgt Ion: 94 Resp: 820
Ion Ratio Lower Upper
94 100
96 66.0 73.1 109.7#



#11
Tert butyl alcohol
Concen: 2.274 ug/l
RT: 5.506 min Scan# 604
Delta R.T. -0.036 min
Lab File: VN078793.D
Acq: 08 Aug 2023 11:16

Tgt Ion: 59 Resp: 1071
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

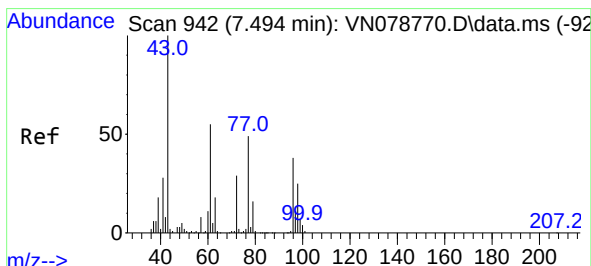
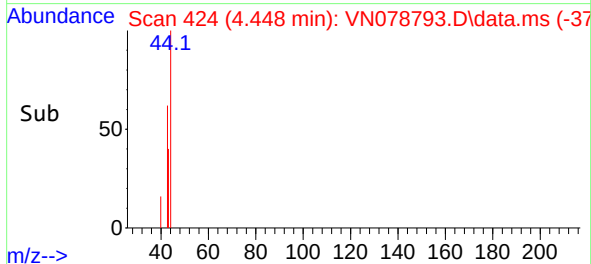
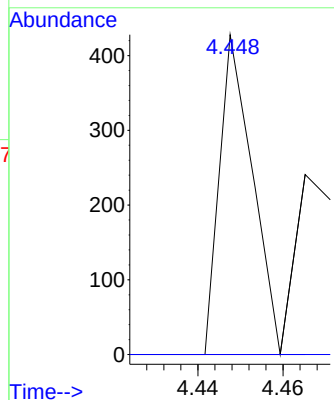
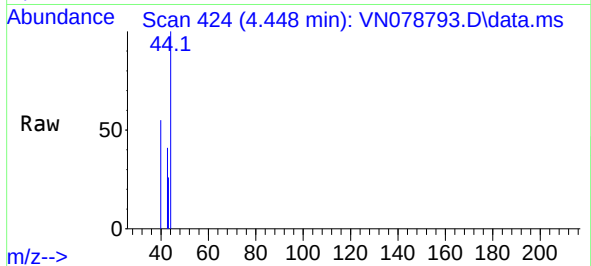




#16
Acetone
Concen: 0.223 ug/l
RT: 4.448 min Scan# 431
Delta R.T. 0.006 min
Lab File: VN078793.D
Acq: 08 Aug 2023 11:16

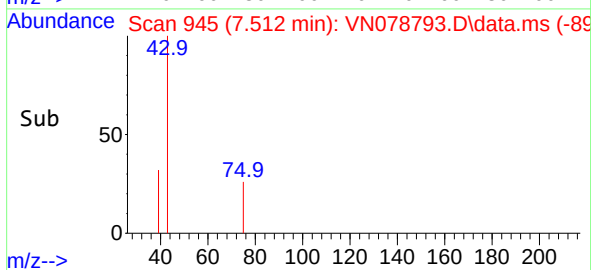
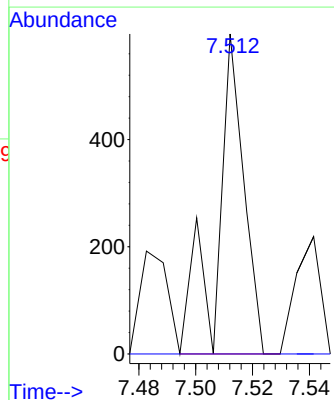
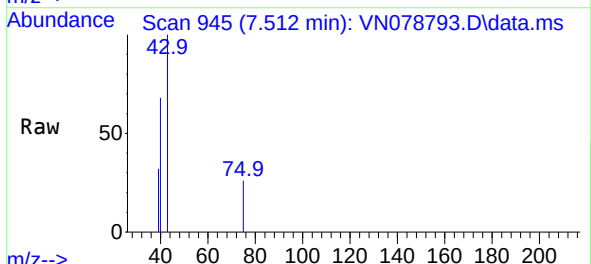
Instrument :
MSVOA_N
ClientSampleId :
VN0808WBL01

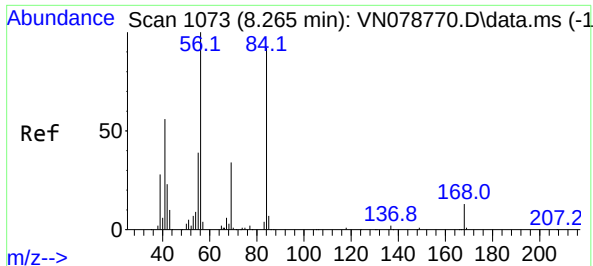
Tgt Ion: 43 Resp: 230
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



#25
2-Butanone
Concen: 0.225 ug/l
RT: 7.512 min Scan# 945
Delta R.T. 0.018 min
Lab File: VN078793.D
Acq: 08 Aug 2023 11:16

Tgt Ion: 43 Resp: 394
Ion Ratio Lower Upper
43 100
72 0.0 30.2 45.2#

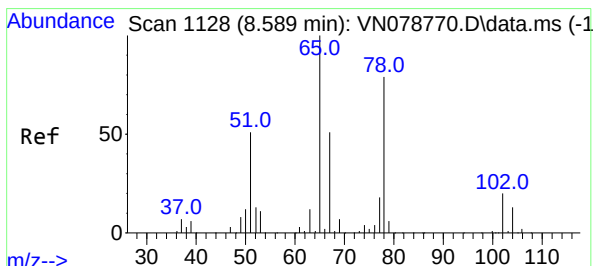
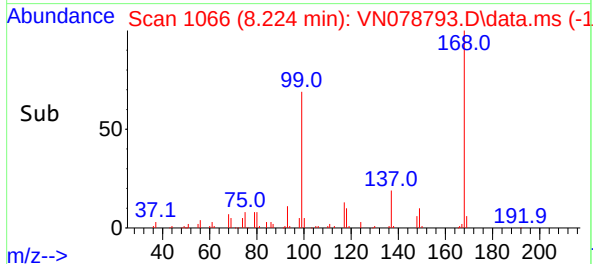
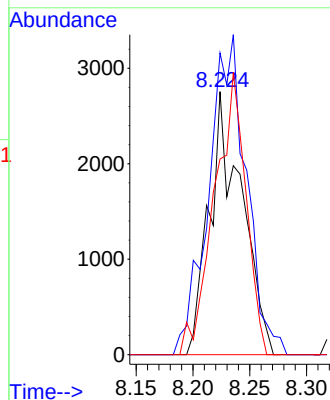
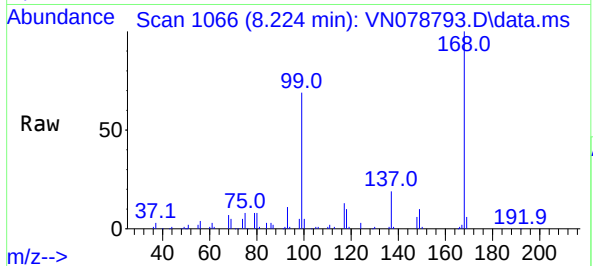




#31
Cyclohexane
Concen: 1.388 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.041 min
Lab File: VN078793.D
Acq: 08 Aug 2023 11:16

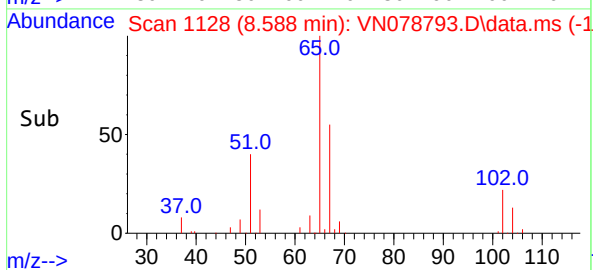
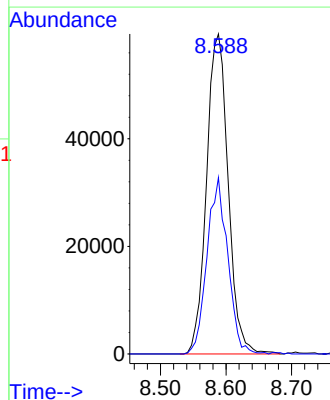
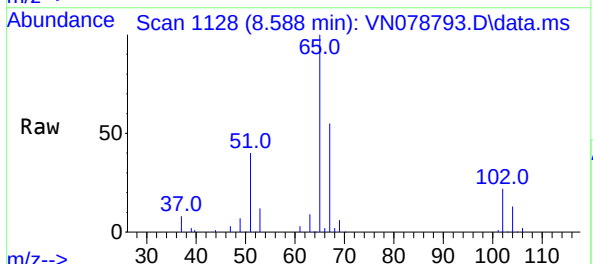
Instrument :
MSVOA_N
ClientSampleId :
VN0808WBL01

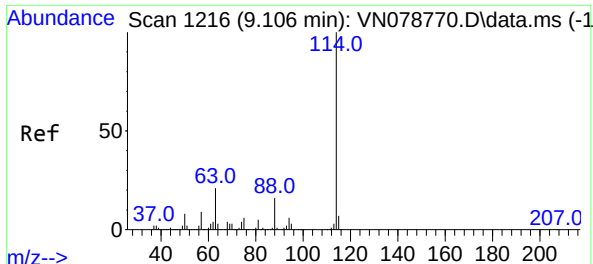
Tgt Ion: 56 Resp: 5475
Ion Ratio Lower Upper
56 100
69 108.1 26.8 40.2#
84 74.3 81.8 122.6#



#33
1,2-Dichloroethane-d4
Concen: 50.813 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN078793.D
Acq: 08 Aug 2023 11:16

Tgt Ion: 65 Resp: 136388
Ion Ratio Lower Upper
65 100
67 52.8 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN078793.D

Acq: 08 Aug 2023 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN0808WBL01

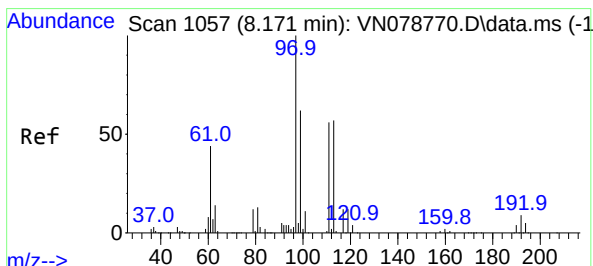
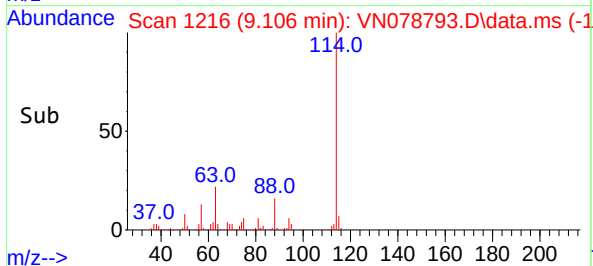
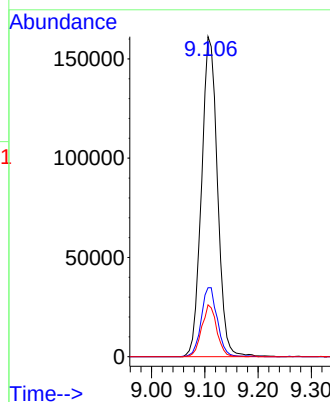
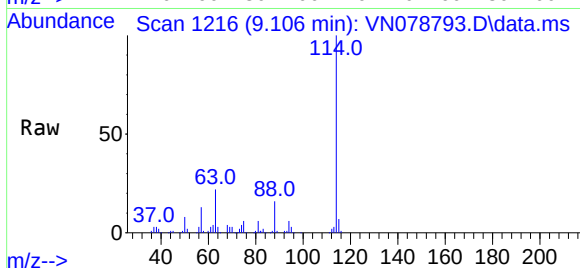
Tgt Ion:114 Resp: 335243

Ion Ratio Lower Upper

114 100

63 21.5 0.0 36.4

88 16.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.637 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN078793.D

Acq: 08 Aug 2023 11:16

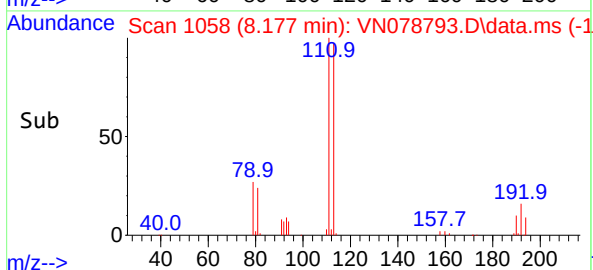
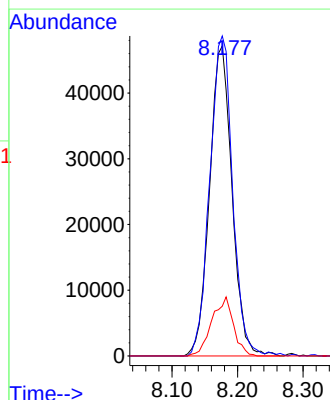
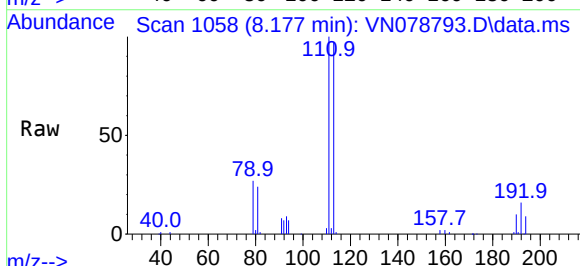
Tgt Ion:113 Resp: 112375

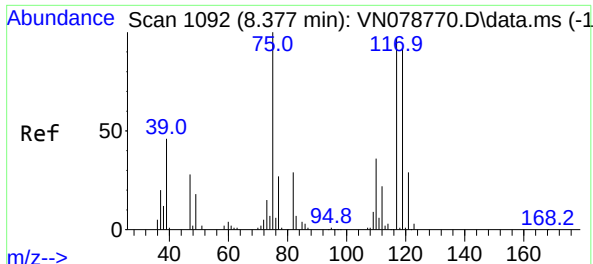
Ion Ratio Lower Upper

113 100

111 104.1 82.6 123.8

192 18.2 12.7 19.1

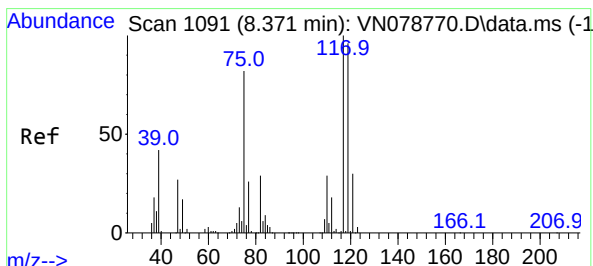
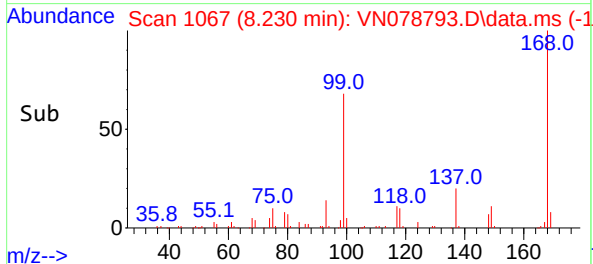
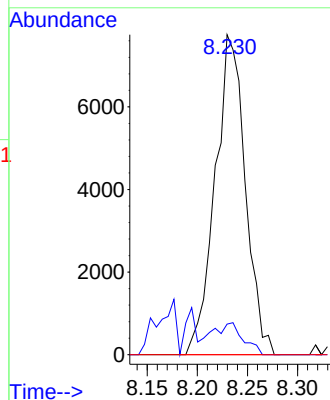
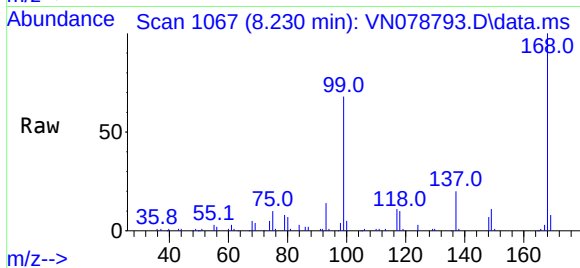




#36
1,1-Dichloropropene
Concen: 4.622 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN078793.D
Acq: 08 Aug 2023 11:16

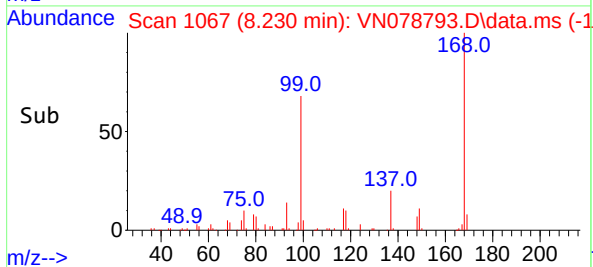
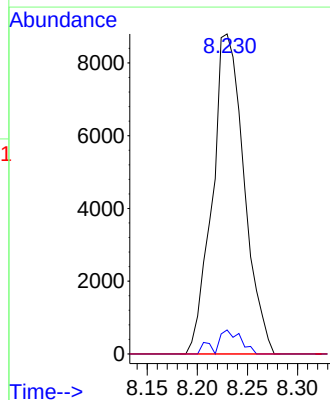
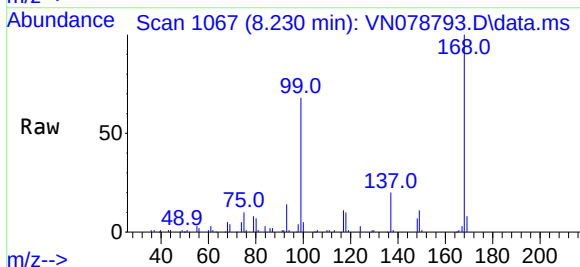
Instrument :
MSVOA_N
ClientSampleId :
VN0808WBL01

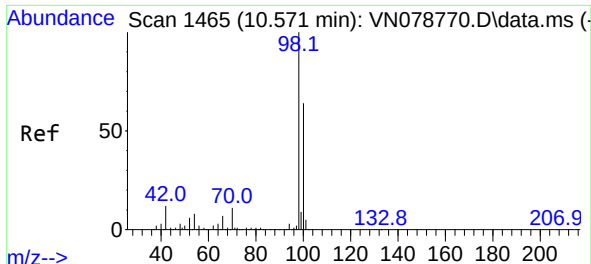
Tgt Ion:	75	Resp:	16235
Ion	Ratio	Lower	Upper
75	100		
110	9.8	19.1	57.3#
77	0.0	25.0	37.4#



#38
Carbon Tetrachloride
Concen: 5.366 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN078793.D
Acq: 08 Aug 2023 11:16

Tgt Ion:	117	Resp:	19430
Ion	Ratio	Lower	Upper
117	100		
119	7.5	77.3	115.9#
121	0.0	23.3	34.9#

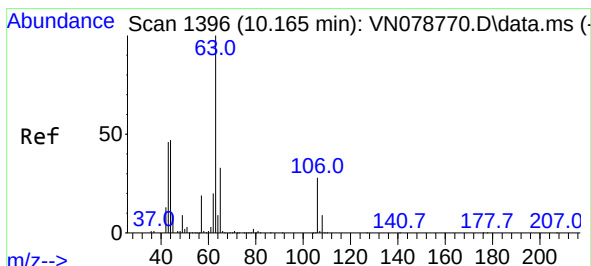
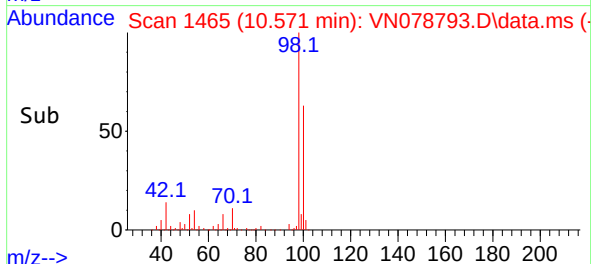
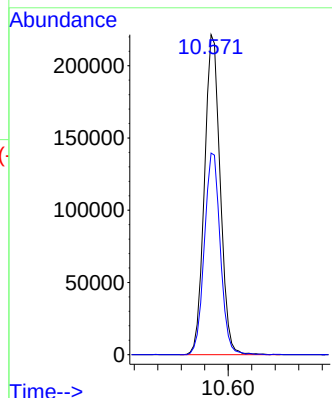
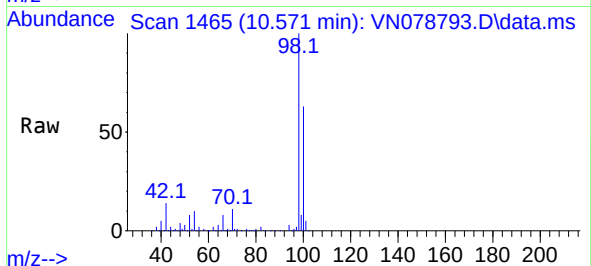




#50
Toluene-d8
Concen: 49.214 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078793.D
Acq: 08 Aug 2023 11:16

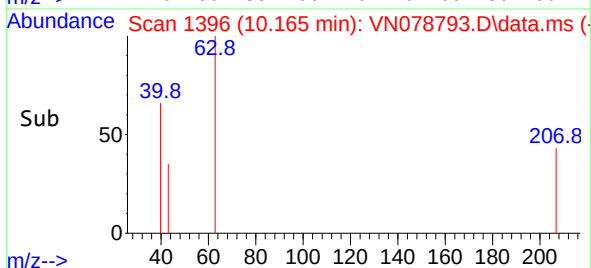
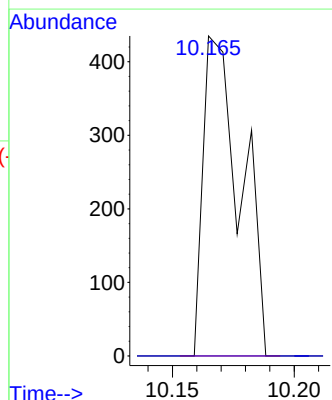
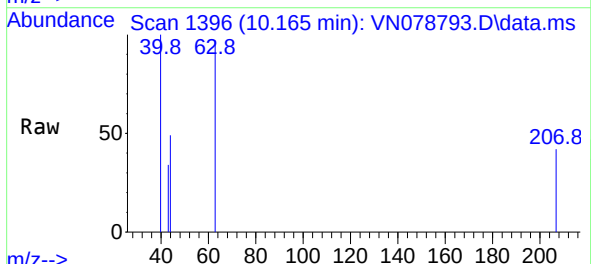
Instrument :
MSVOA_N
ClientSampleId :
VN0808WBL01

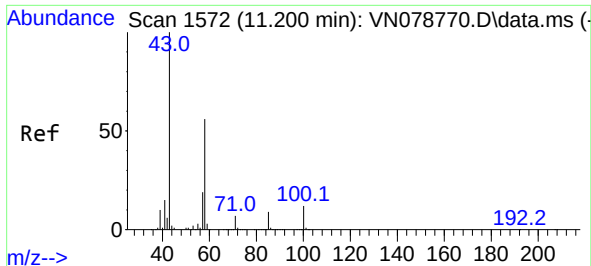
Tgt Ion: 98 Resp: 410011
Ion Ratio Lower Upper
98 100
100 63.9 52.0 78.0



#58
2-Chloroethyl Vinyl ether
Concen: 0.347 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN078793.D
Acq: 08 Aug 2023 11:16

Tgt Ion: 63 Resp: 466
Ion Ratio Lower Upper
63 100
106 0.0 26.2 39.4#

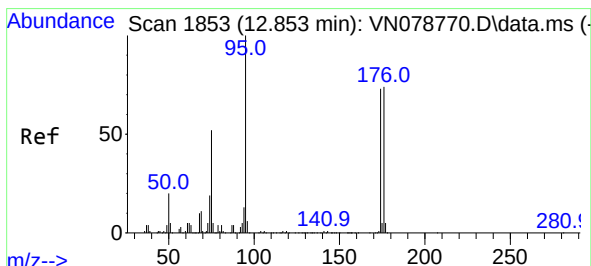
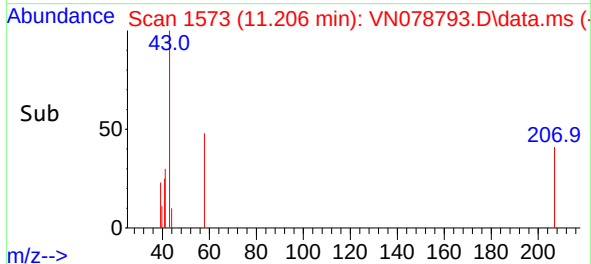
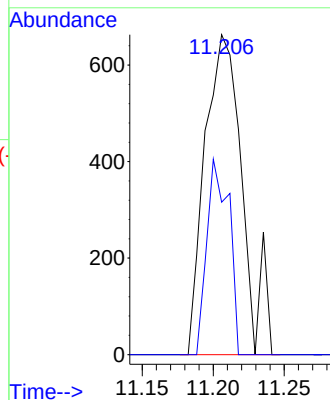
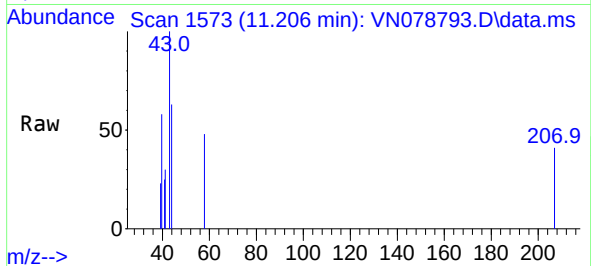




#59
2-Hexanone
Concen: 0.446 ug/l
RT: 11.206 min Scan# 111
Delta R.T. 0.006 min
Lab File: VN078793.D
Acq: 08 Aug 2023 11:16

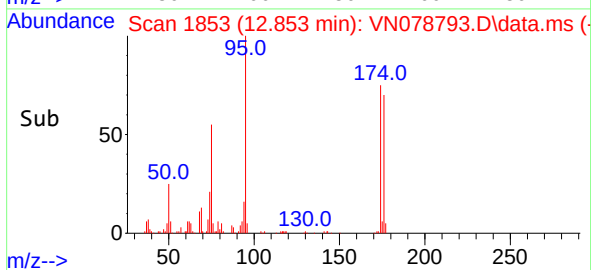
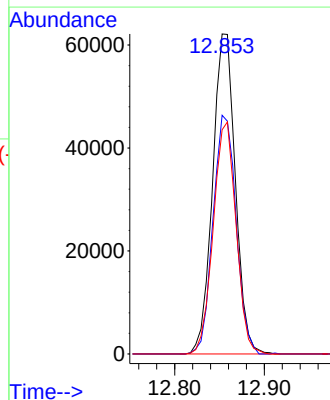
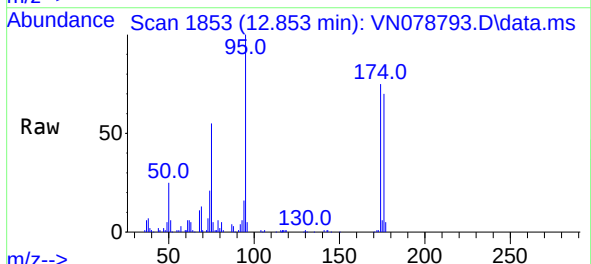
Instrument :
MSVOA_N
ClientSampleId :
VN0808WBL01

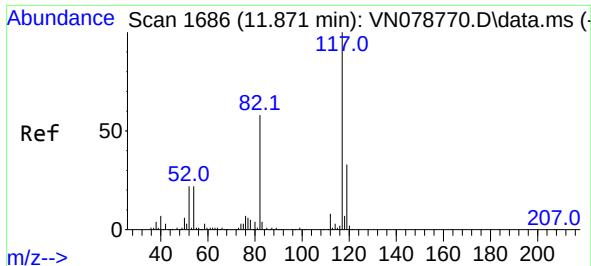
Tgt Ion: 43 Resp: 1217
Ion Ratio Lower Upper
43 100
58 36.1 31.7 95.1



#62
4-Bromofluorobenzene
Concen: 43.957 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078793.D
Acq: 08 Aug 2023 11:16

Tgt Ion: 95 Resp: 109447
Ion Ratio Lower Upper
95 100
174 75.6 0.0 143.8
176 72.5 0.0 135.8

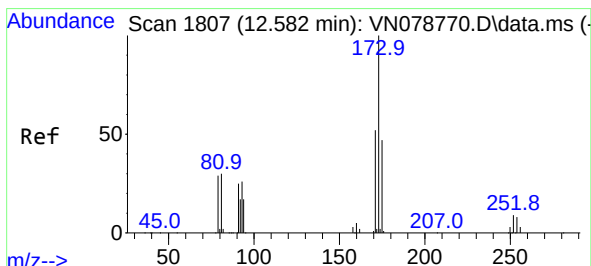
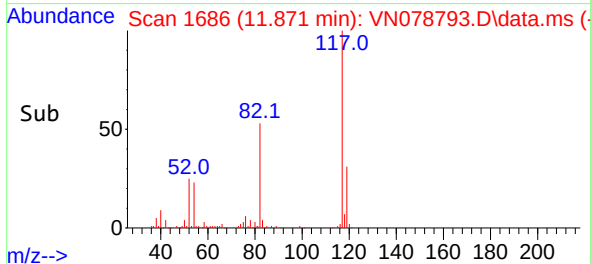
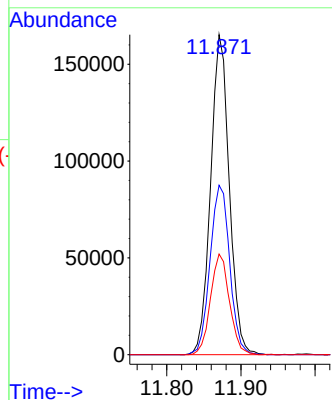
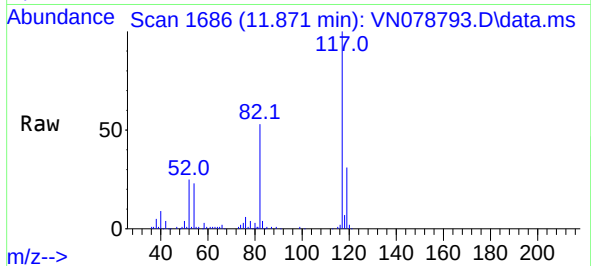




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN078793.D
Acq: 08 Aug 2023 11:16

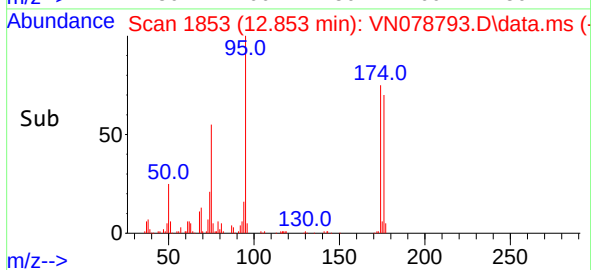
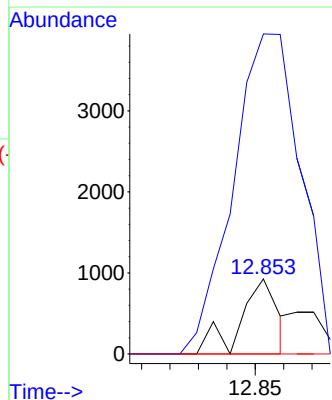
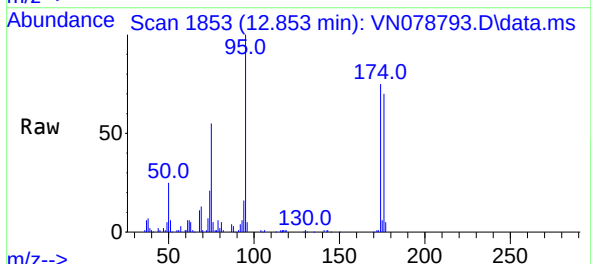
Instrument :
MSVOA_N
ClientSampleId :
VN0808WBL01

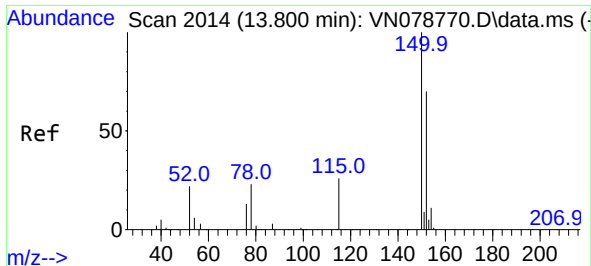
Tgt Ion:117 Resp: 288458
Ion Ratio Lower Upper
117 100
82 53.0 44.0 66.0
119 31.5 25.6 38.4



#71
Bromoform
Concen: 0.481 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.270 min
Lab File: VN078793.D
Acq: 08 Aug 2023 11:16

Tgt Ion:173 Resp: 854
Ion Ratio Lower Upper
173 100
175 590.0 24.3 73.0#
254 0.0 0.0 0.0

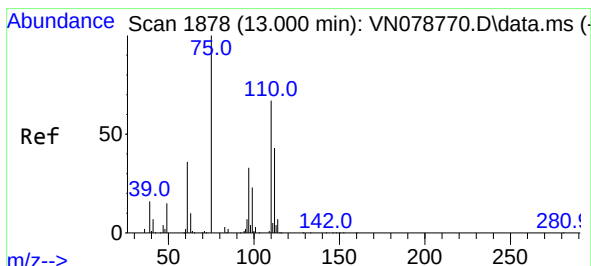
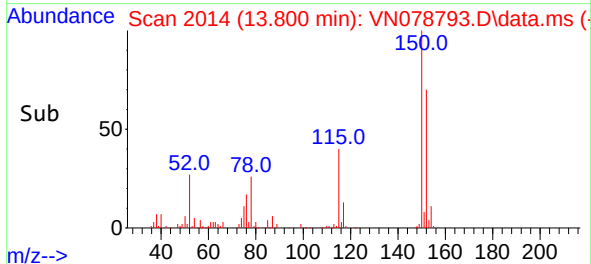
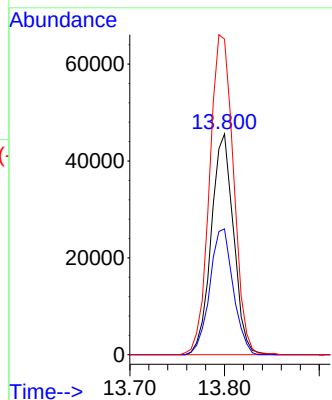
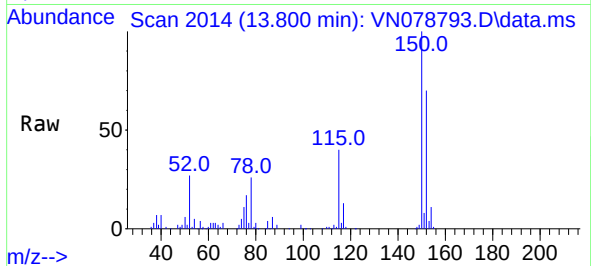




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN078793.D
Acq: 08 Aug 2023 11:16

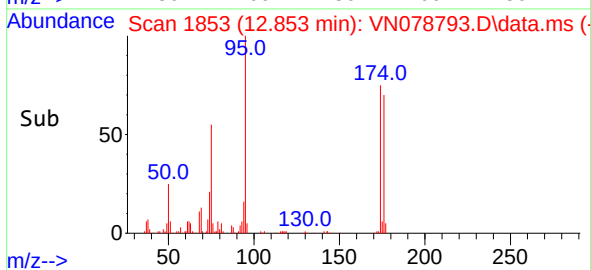
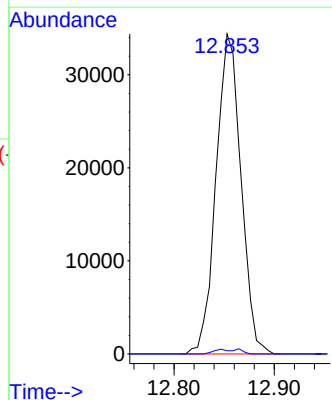
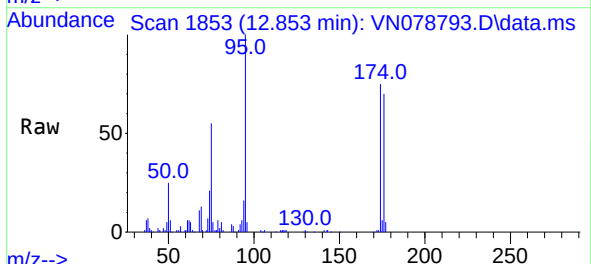
Instrument :
MSVOA_N
ClientSampleId :
VN0808WBL01

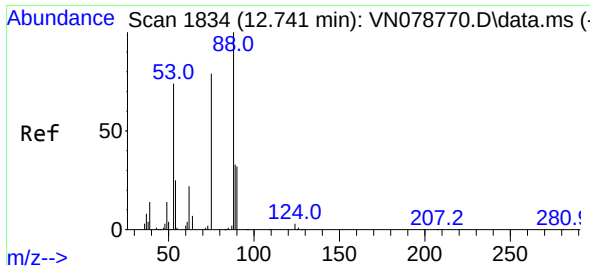
Tgt Ion:152 Resp: 74680
Ion Ratio Lower Upper
152 100
115 59.8 32.3 96.8
150 155.7 0.0 355.8



#76
1,2,3-Trichloropropane
Concen: 29.390 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.147 min
Lab File: VN078793.D
Acq: 08 Aug 2023 11:16

Tgt Ion: 75 Resp: 59341
Ion Ratio Lower Upper
75 100
77 1.5 84.5 253.5#

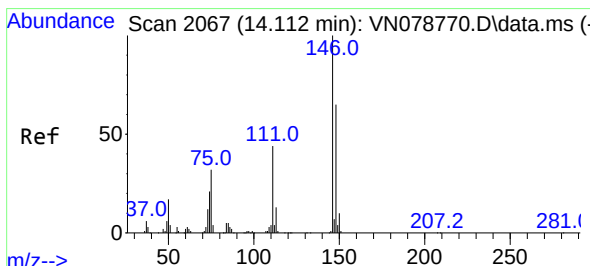
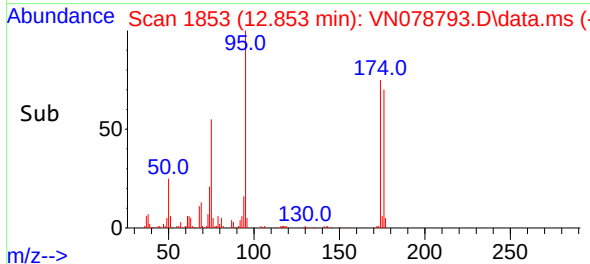
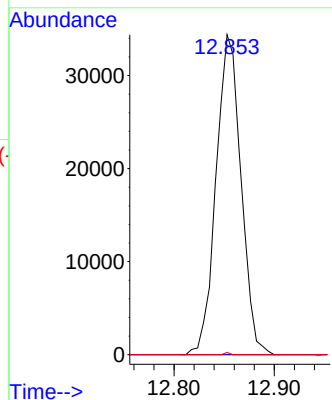
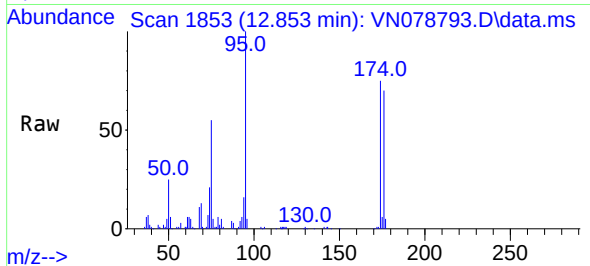




#81
trans-1,4-Dichloro-2-butene
Concen: 78.863 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN078793.D
Acq: 08 Aug 2023 11:16

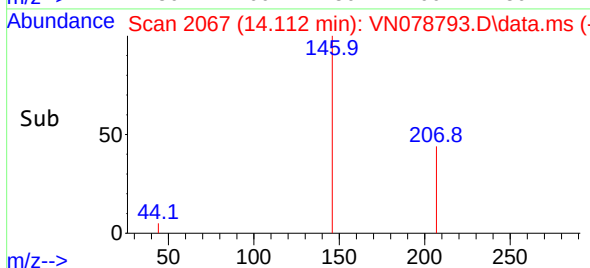
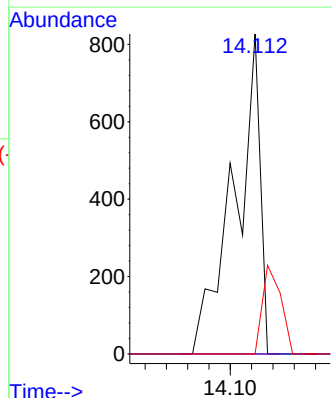
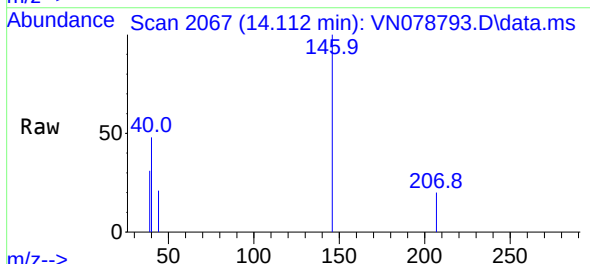
Instrument :
MSVOA_N
ClientSampleId :
VN0808WBL01

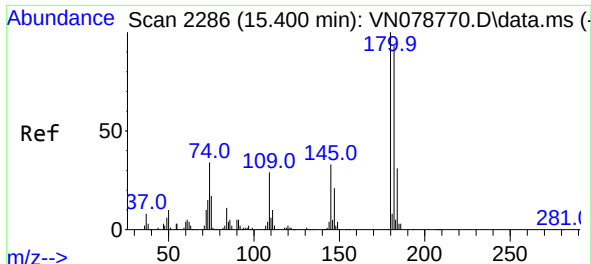
Tgt Ion: 75 Resp: 59341
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.1 38.8 58.2#



#91
1,2-Dichlorobenzene
Concen: 0.260 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN078793.D
Acq: 08 Aug 2023 11:16

Tgt Ion:146 Resp: 690
Ion Ratio Lower Upper
146 100
111 0.0 22.0 66.0#
148 19.7 31.8 95.3#

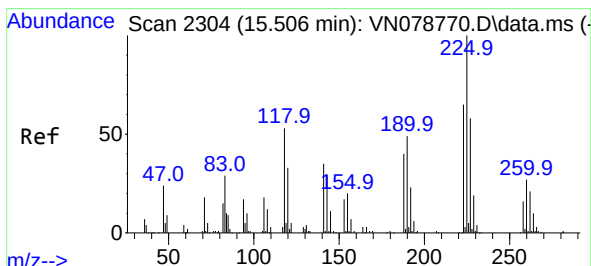
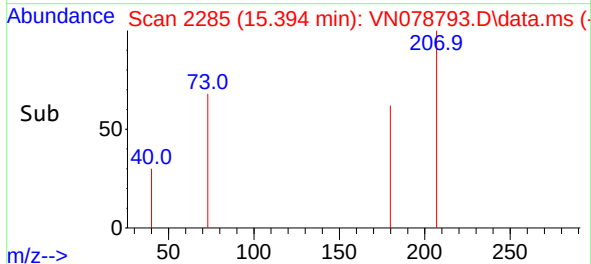
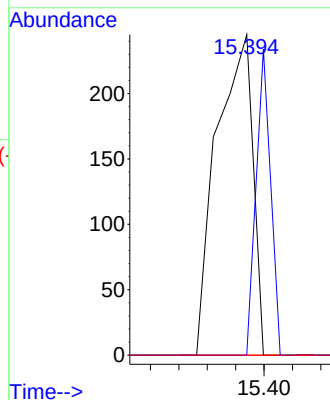
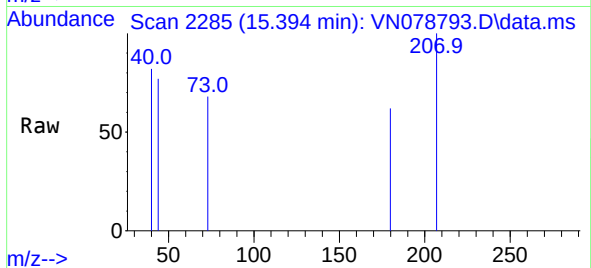




#93
1,2,4-Trichlorobenzene
Concen: 0.290 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN078793.D
Acq: 08 Aug 2023 11:16

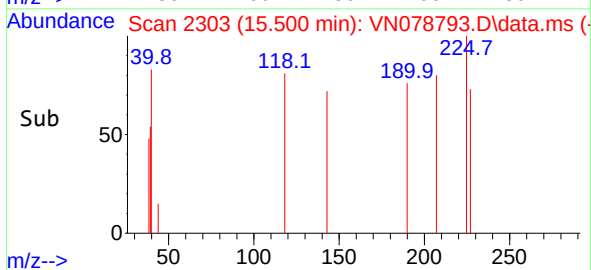
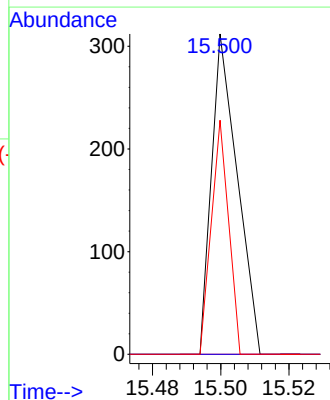
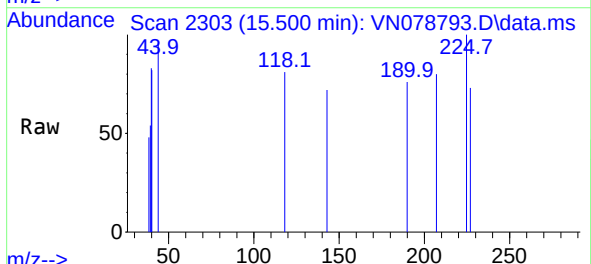
Instrument :
MSVOA_N
ClientSampleId :
VN0808WBL01

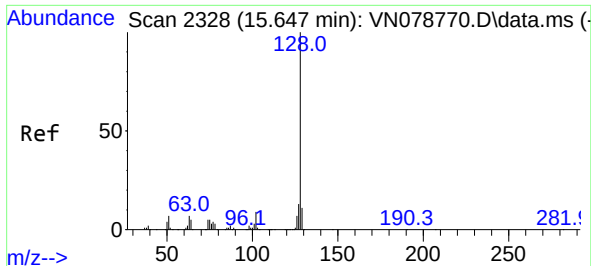
Tgt Ion:180 Resp: 216
Ion Ratio Lower Upper
180 100
182 38.4 46.1 138.2#
145 0.0 16.6 49.8#



#94
Hexachlorobutadiene
Concen: Below Cal
RT: 15.500 min Scan# 2303
Delta R.T. -0.006 min
Lab File: VN078793.D
Acq: 08 Aug 2023 11:16

Tgt Ion:225 Resp: 164
Ion Ratio Lower Upper
225 100
223 0.0 31.3 93.8#
227 48.8 31.9 95.9

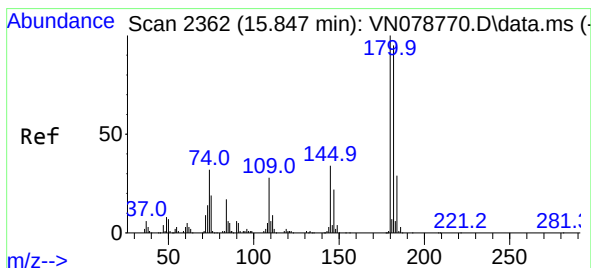
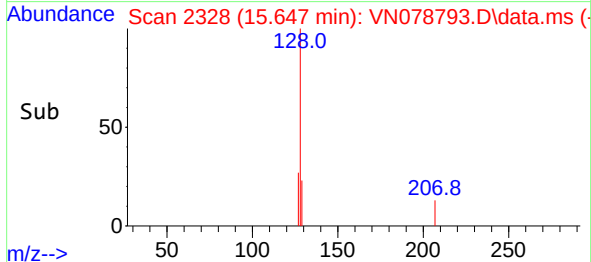
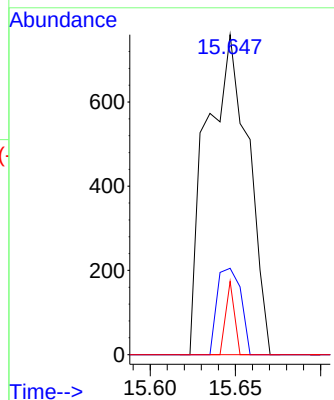
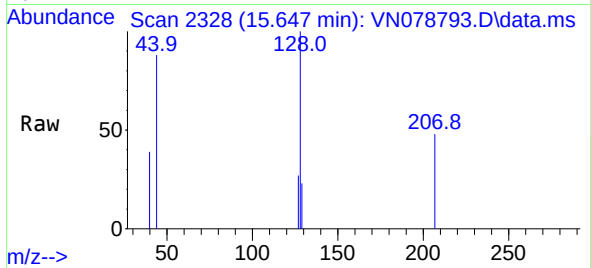




#95
Naphthalene
Concen: 0.521 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN078793.D
Acq: 08 Aug 2023 11:16

Instrument :
MSVOA_N
ClientSampleId :
VN0808WBL01

Tgt Ion:128 Resp: 1297
Ion Ratio Lower Upper
128 100
127 15.3 10.0 15.0#
129 4.7 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 0.434 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN078793.D
Acq: 08 Aug 2023 11:16

Tgt Ion:180 Resp: 385
Ion Ratio Lower Upper
180 100
182 104.9 46.2 138.6
145 0.0 17.5 52.6#

