

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111921\
 Data File : VN069593.D
 Acq On : 19 Nov 2021 18:39
 Operator : JC/MD
 Sample : M4764-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4

Quant Time: Nov 22 05:09:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 09 18:18:22 2021
 Response via : Initial Calibration

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

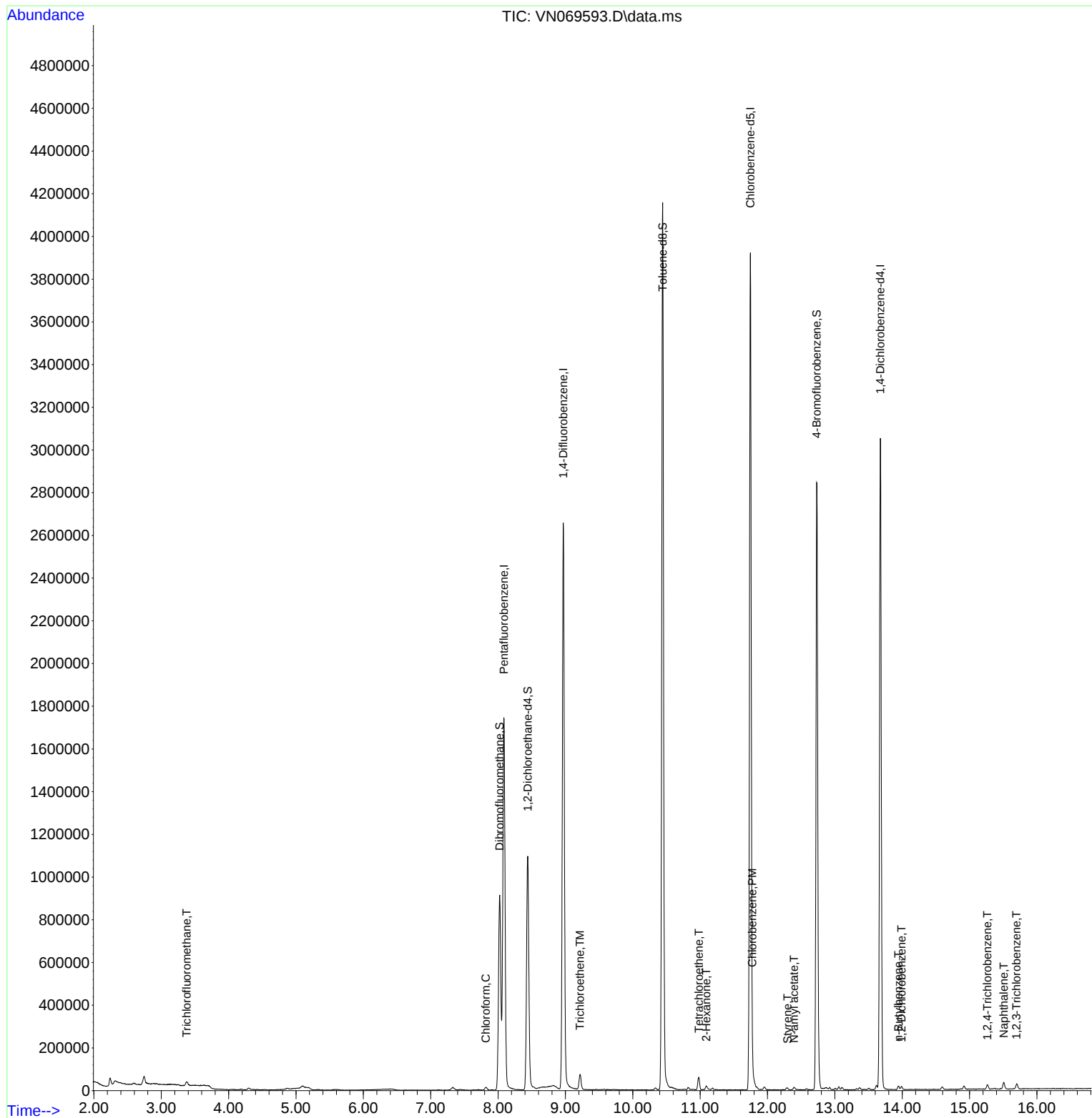
Internal Standards						
1) Pentafluorobenzene	8.088	168	1296243	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2261102	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	2212409	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	814617	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	953904	50.75	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.50%			
35) Dibromofluoromethane	8.024	113	664495	49.00	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 98.00%			
50) Toluene-d8	10.443	98	2829320	53.05	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 106.10%			
62) 4-Bromofluorobenzene	12.731	95	985337	50.29	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 100.58%			
Target Compounds						Qvalue
7) Trichlorofluoromethane	3.376	101	16737	0.67	ug/l	96
30) Chloroform	7.818	83	12404	0.47	ug/l	93
44) Trichloroethene	9.215	130	23515	1.67	ug/l	78
59) 2-Hexanone	11.090	43	15313	8.60	ug/l	90
64) Tetrachloroethene	10.982	164	13530	1.01	ug/l	95
65) Chlorobenzene	11.773	112	10260	0.25	ug/l	95
70) Styrene	12.299	104	3147	1.58	ug/l	95
74) N-amyl acetate	12.393	43	7547	0.27	ug/l #	95
89) n-Butylbenzene	13.943	91	10415	0.25	ug/l	95
91) 1,2-Dichlorobenzene	13.989	146	6186	0.25	ug/l	96
93) 1,2,4-Trichlorobenzene	15.265	180	7008	3.63	ug/l	92
95) Naphthalene	15.507	128	28620	5.17	ug/l	99
96) 1,2,3-Trichlorobenzene	15.697	180	8243	3.80	ug/l	96

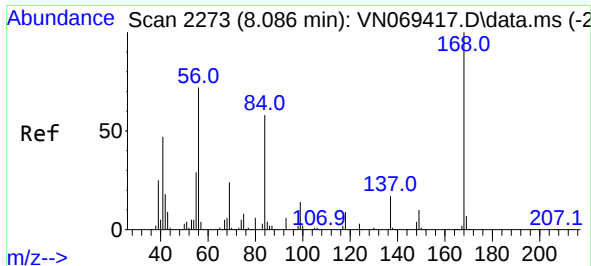
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

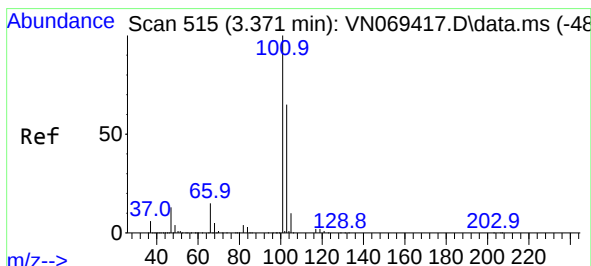
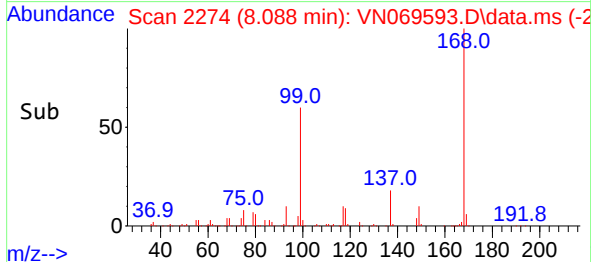
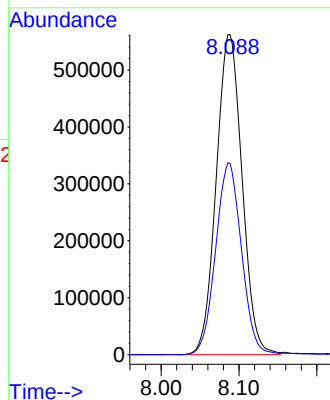
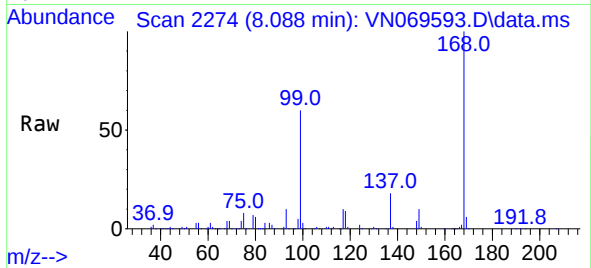




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069593.D
Acq: 19 Nov 2021 18:39

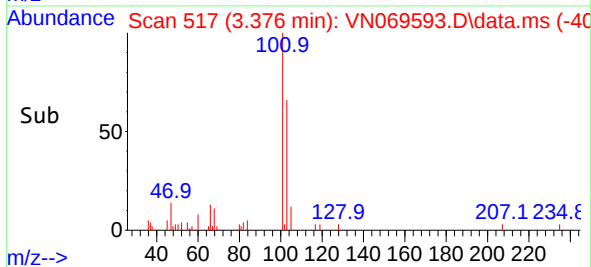
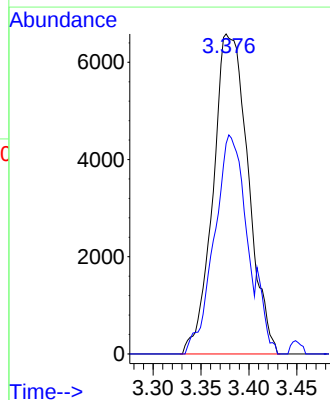
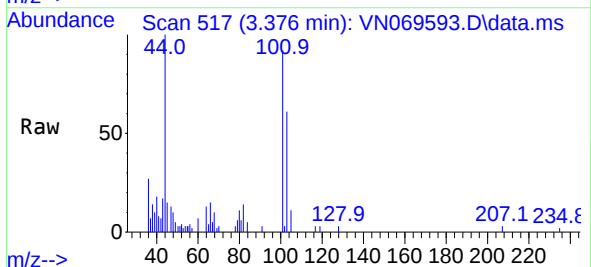
Instrument :
MSVOA_N
ClientSampleId :
MW-4

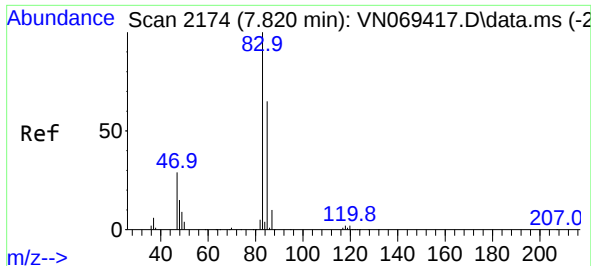
Tgt Ion:168 Resp: 1296243
Ion Ratio Lower Upper
168 100
99 59.8 41.3 61.9



#7
Trichlorofluoromethane
Concen: 0.67 ug/l
RT: 3.376 min Scan# 517
Delta R.T. 0.005 min
Lab File: VN069593.D
Acq: 19 Nov 2021 18:39

Tgt Ion:101 Resp: 16737
Ion Ratio Lower Upper
101 100
103 65.7 50.1 75.1





#30

Chloroform

Concen: 0.47 ug/l

RT: 7.818 min Scan# 2173

Delta R.T. -0.002 min

Lab File: VN069593.D

Acq: 19 Nov 2021 18:39

Instrument :

MSVOA_N

ClientSampleId :

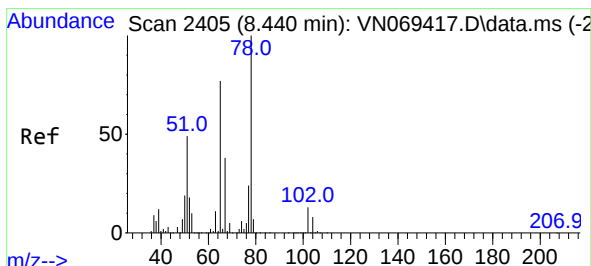
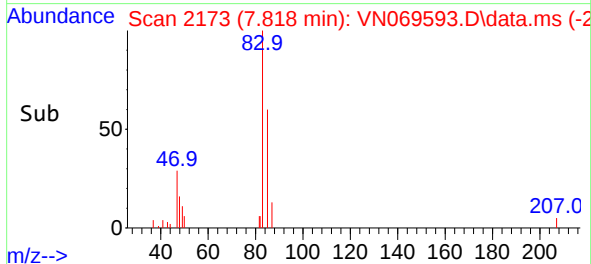
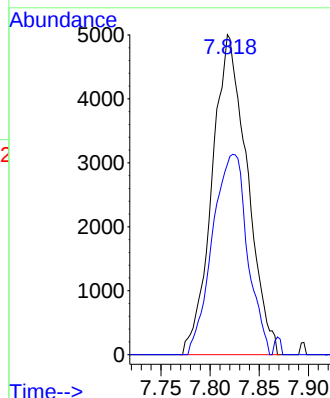
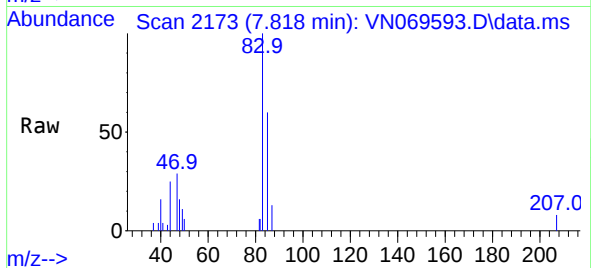
MW-4

Tgt Ion: 83 Resp: 12404

Ion Ratio Lower Upper

83 100

85 59.5 51.9 77.9



#33

1,2-Dichloroethane-d4

Concen: 50.75 ug/l

RT: 8.440 min Scan# 2405

Delta R.T. -0.000 min

Lab File: VN069593.D

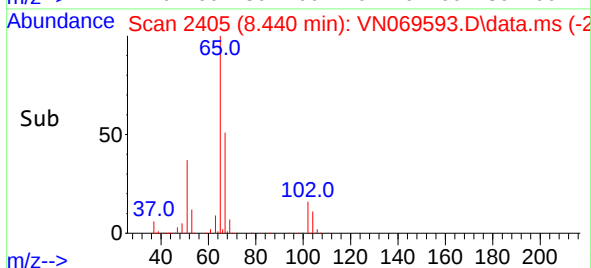
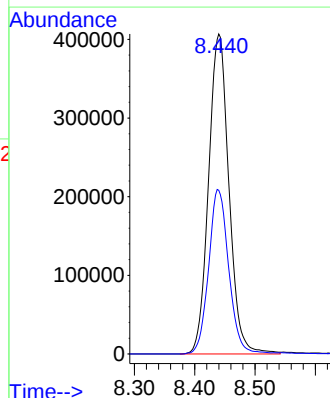
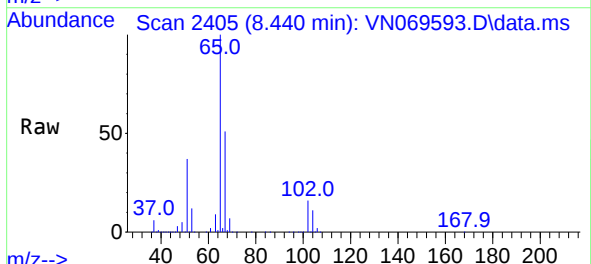
Acq: 19 Nov 2021 18:39

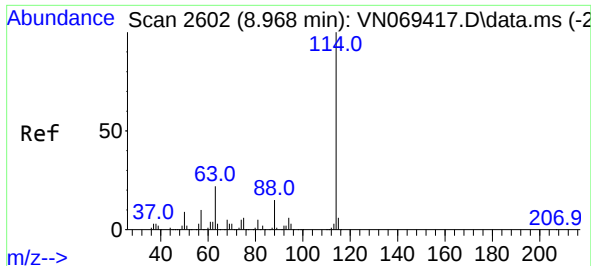
Tgt Ion: 65 Resp: 953904

Ion Ratio Lower Upper

65 100

67 50.7 0.0 103.0

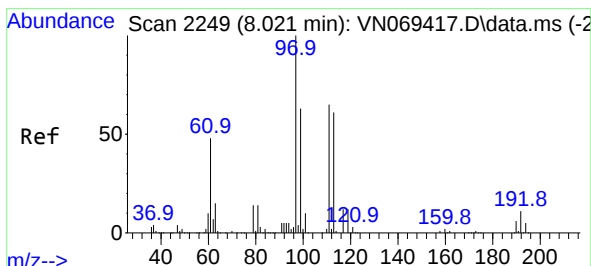
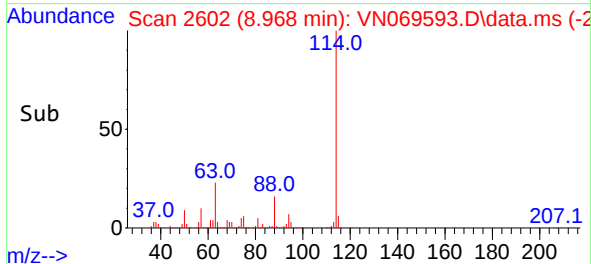
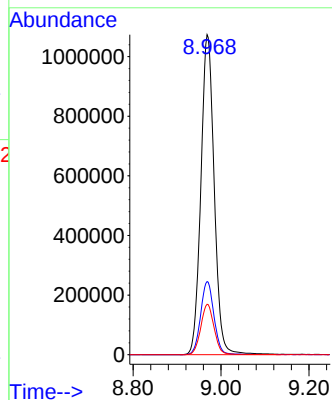
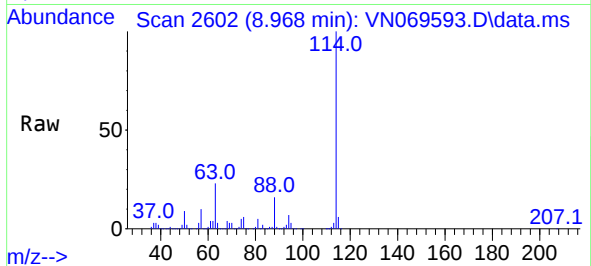




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.968 min Scan# 2261
Delta R.T. 0.000 min
Lab File: VN069593.D
Acq: 19 Nov 2021 18:39

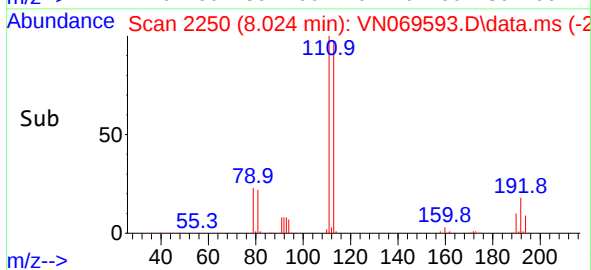
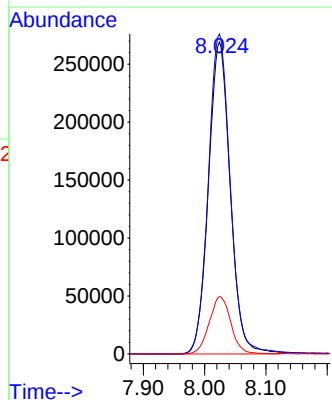
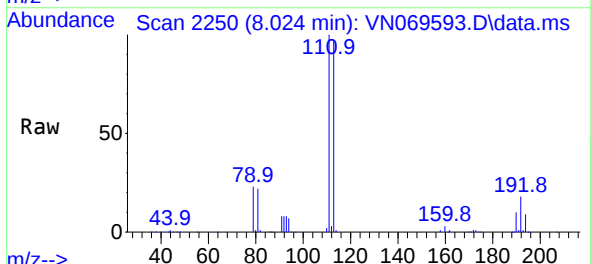
Instrument :
MSVOA_N
ClientSampleId :
MW-4

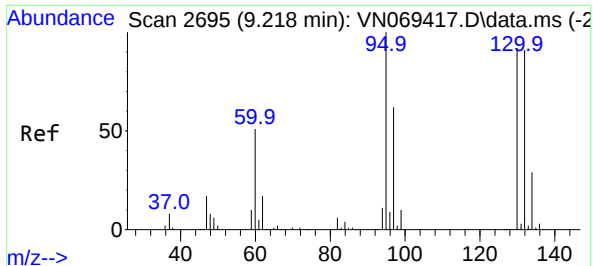
Tgt Ion:114 Resp: 2261102
Ion Ratio Lower Upper
114 100
63 22.9 0.0 37.8
88 15.7 0.0 27.4



#35
Dibromofluoromethane
Concen: 49.00 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN069593.D
Acq: 19 Nov 2021 18:39

Tgt Ion:113 Resp: 664495
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.2
192 18.3 16.9 25.3

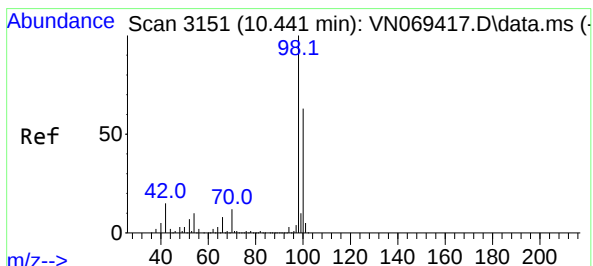
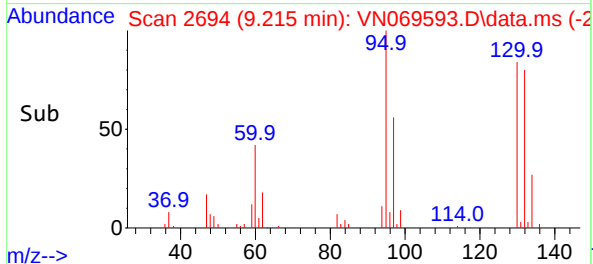
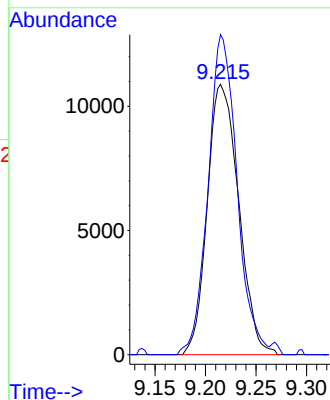
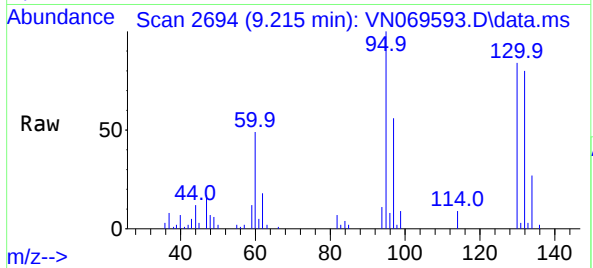




#44
Trichloroethene
Concen: 1.67 ug/l
RT: 9.215 min Scan# 2
Delta R.T. -0.003 min
Lab File: VN069593.D
Acq: 19 Nov 2021 18:39

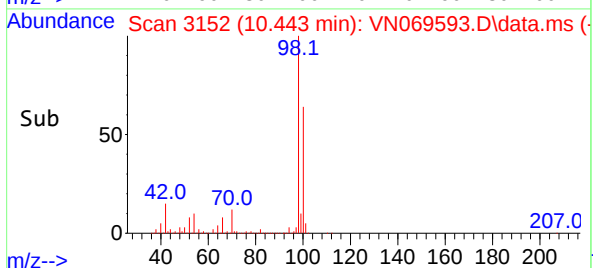
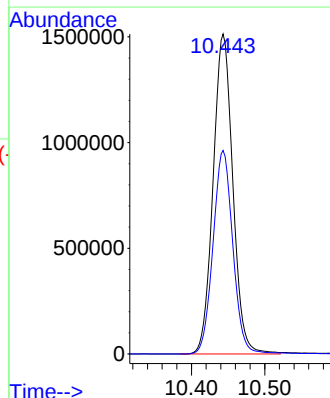
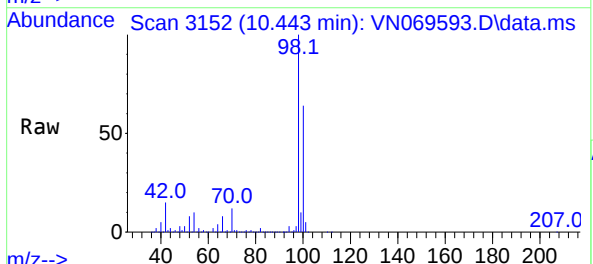
Instrument :
MSVOA_N
ClientSampleId :
MW-4

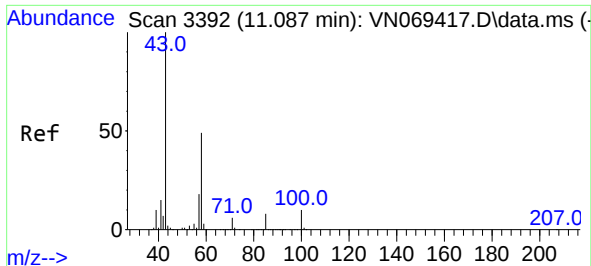
Tgt Ion:130 Resp: 23515
Ion Ratio Lower Upper
130 100
95 116.8 0.0 191.2



#50
Toluene-d8
Concen: 53.05 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.002 min
Lab File: VN069593.D
Acq: 19 Nov 2021 18:39

Tgt Ion: 98 Resp: 2829320
Ion Ratio Lower Upper
98 100
100 64.0 50.4 75.6

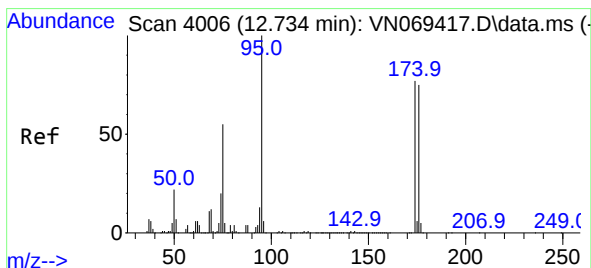
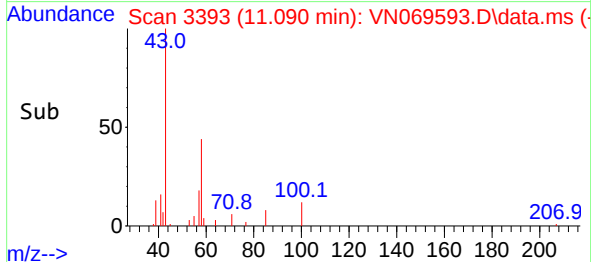
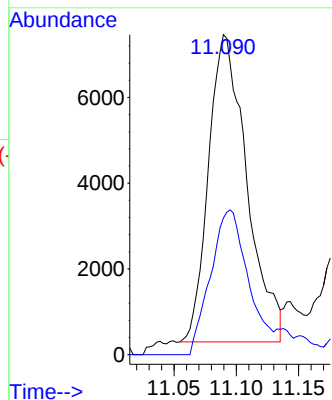
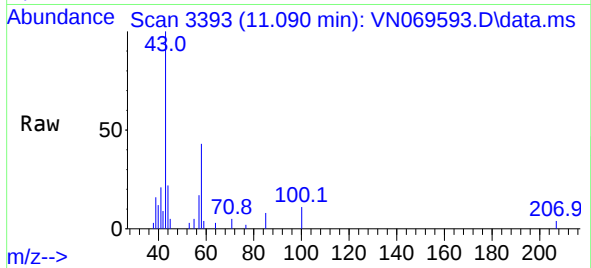




#59
2-Hexanone
Concen: 8.60 ug/l
RT: 11.090 min Scan# 31
Delta R.T. 0.003 min
Lab File: VN069593.D
Acq: 19 Nov 2021 18:39

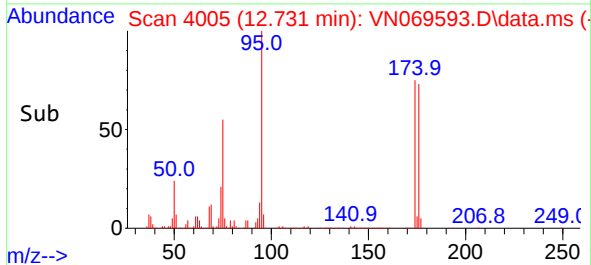
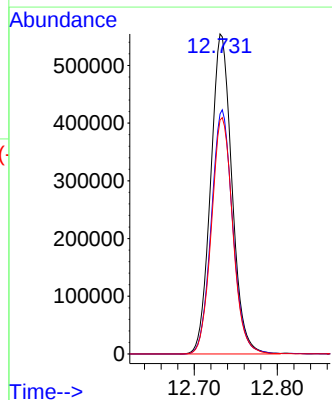
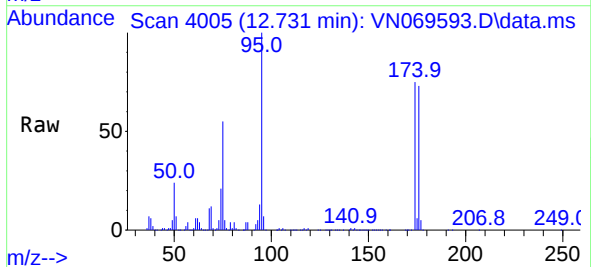
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ClientSampleId :
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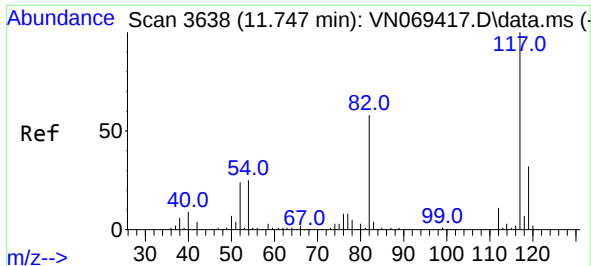
Tgt Ion: 43 Resp: 15313
Ion Ratio Lower Upper
43 100
58 46.6 26.9 80.7



#62
4-Bromofluorobenzene
Concen: 50.29 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.003 min
Lab File: VN069593.D
Acq: 19 Nov 2021 18:39

Tgt Ion: 95 Resp: 985337
Ion Ratio Lower Upper
95 100
174 76.7 0.0 187.2
176 74.2 0.0 181.4

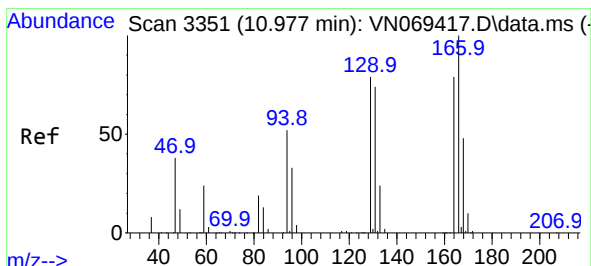
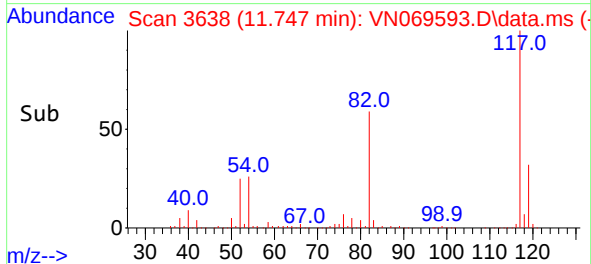
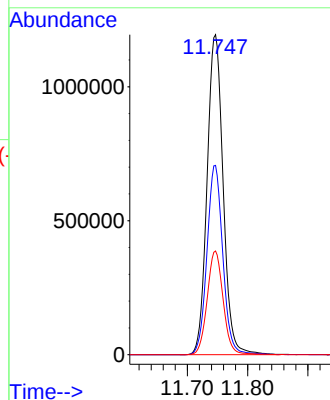
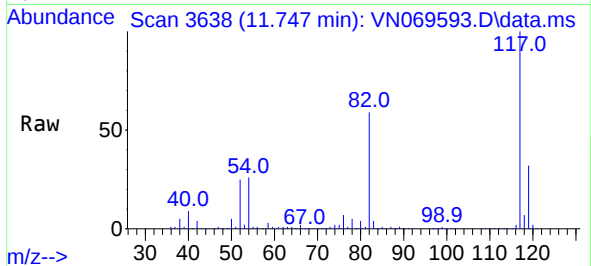




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN069593.D
Acq: 19 Nov 2021 18:39

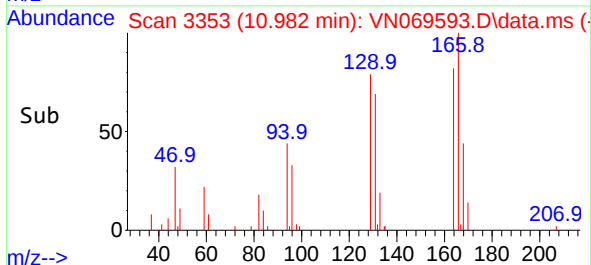
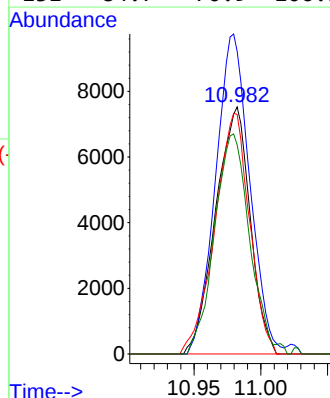
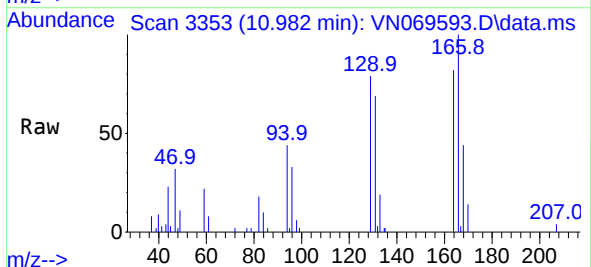
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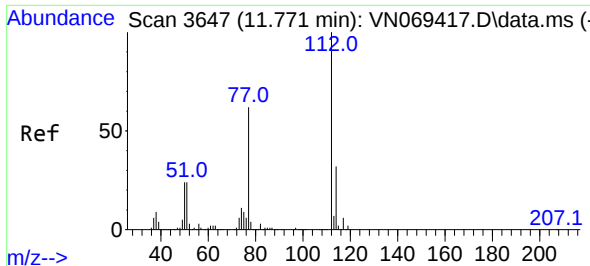
Tgt Ion:117 Resp: 2212409
Ion Ratio Lower Upper
117 100
82 59.1 42.4 63.6
119 32.4 25.4 38.2



#64
Tetrachloroethene
Concen: 1.01 ug/l
RT: 10.982 min Scan# 3353
Delta R.T. 0.005 min
Lab File: VN069593.D
Acq: 19 Nov 2021 18:39

Tgt Ion:164 Resp: 13530
Ion Ratio Lower Upper
164 100
166 122.5 101.9 152.9
129 96.9 72.0 108.0
131 84.7 70.9 106.3

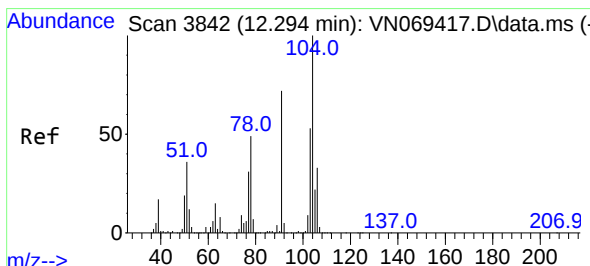
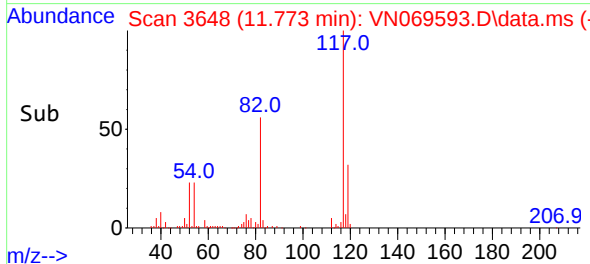
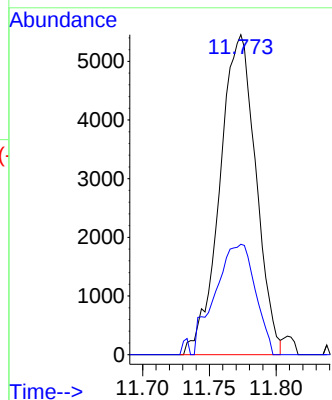
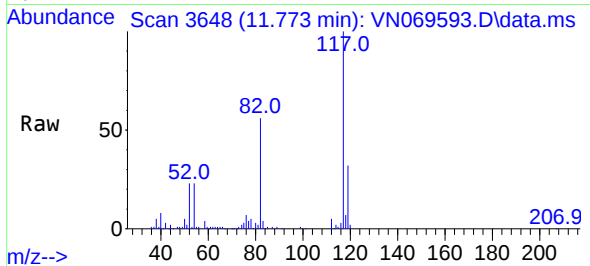




#65
Chlorobenzene
Concen: 0.25 ug/l
RT: 11.773 min Scan# 30
Delta R.T. 0.002 min
Lab File: VN069593.D
Acq: 19 Nov 2021 18:39

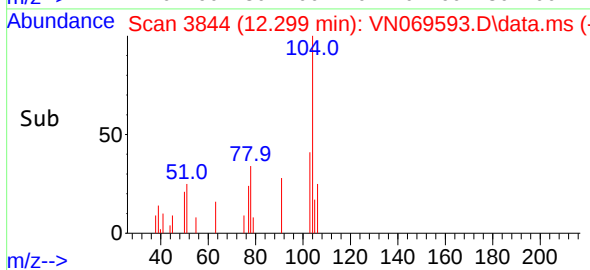
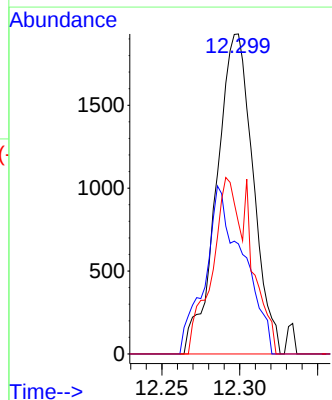
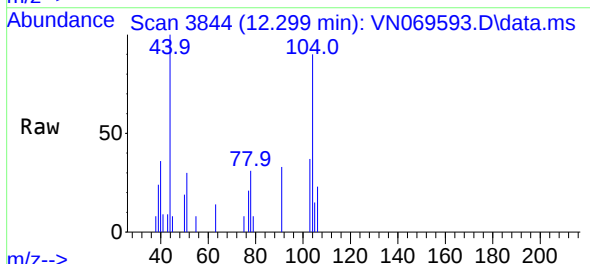
Instrument :
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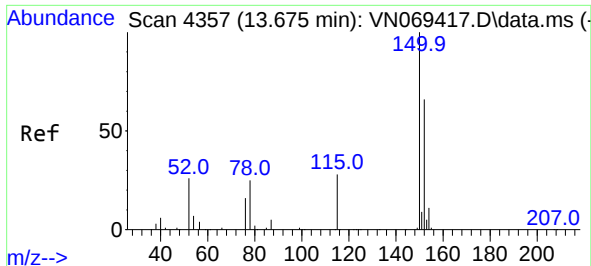
Tgt Ion:112 Resp: 10260
Ion Ratio Lower Upper
112 100
114 34.5 25.4 38.0



#70
Styrene
Concen: 1.58 ug/l
RT: 12.299 min Scan# 3844
Delta R.T. 0.005 min
Lab File: VN069593.D
Acq: 19 Nov 2021 18:39

Tgt Ion:104 Resp: 3147
Ion Ratio Lower Upper
104 100
78 54.7 38.7 58.1
103 57.7 45.0 67.6

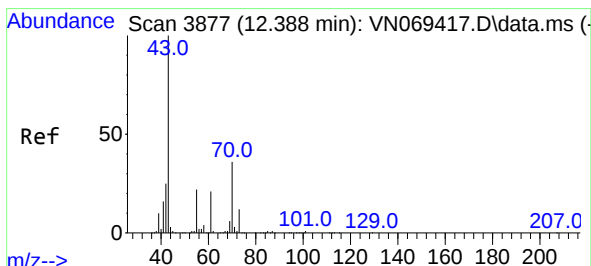
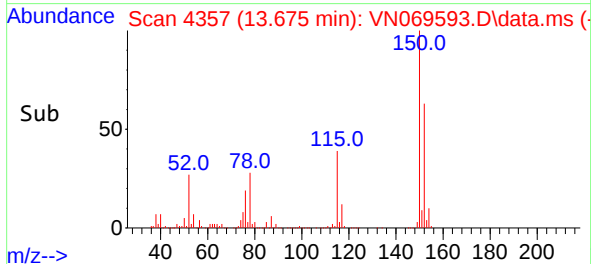
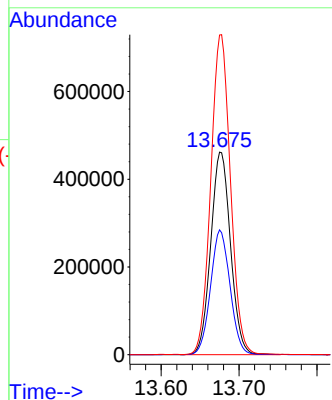
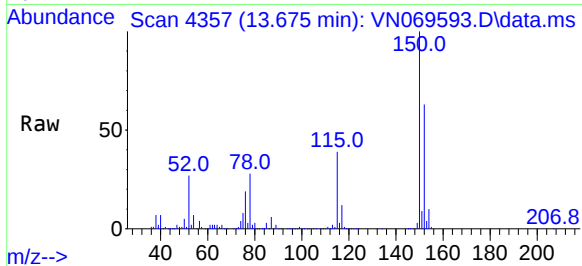




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.675 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN069593.D
Acq: 19 Nov 2021 18:39

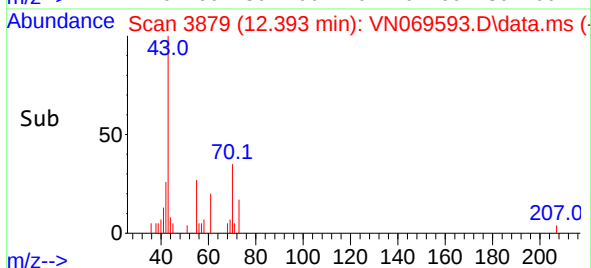
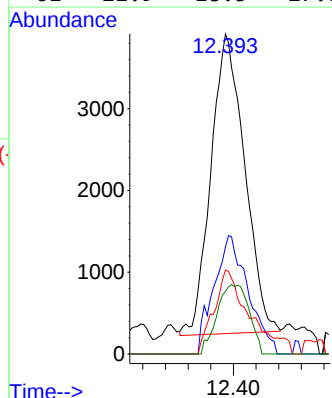
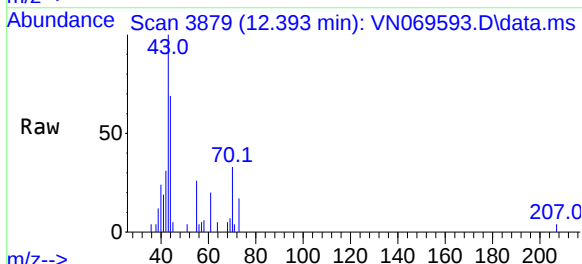
Instrument :
MSVOA_N
ClientSampleId :
MW-4

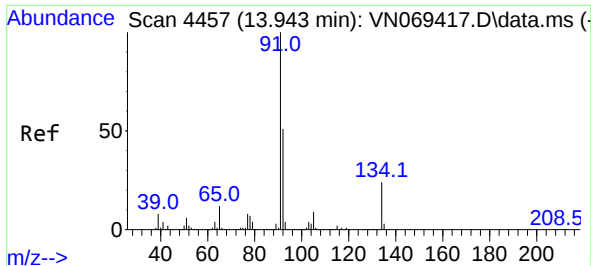
Tgt Ion:152 Resp: 814617
Ion Ratio Lower Upper
152 100
115 60.6 27.5 82.5
150 156.9 0.0 344.4



#74
N-ethyl acetate
Concen: 0.27 ug/l
RT: 12.393 min Scan# 3879
Delta R.T. 0.005 min
Lab File: VN069593.D
Acq: 19 Nov 2021 18:39

Tgt Ion: 43 Resp: 7547
Ion Ratio Lower Upper
43 100
70 40.2 33.4 50.0
55 29.7 19.3 28.9#
61 21.9 18.5 27.7

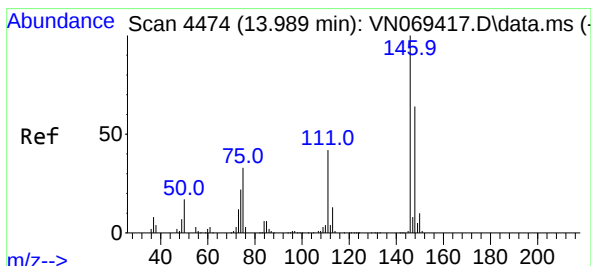
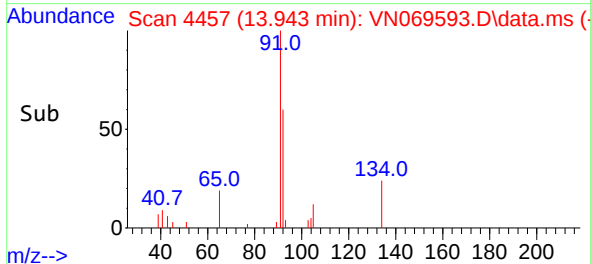
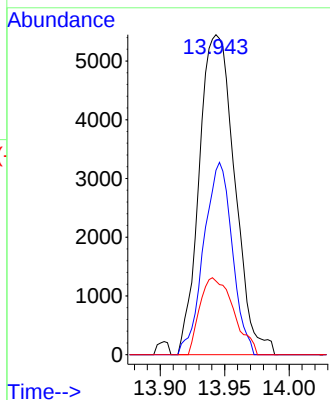
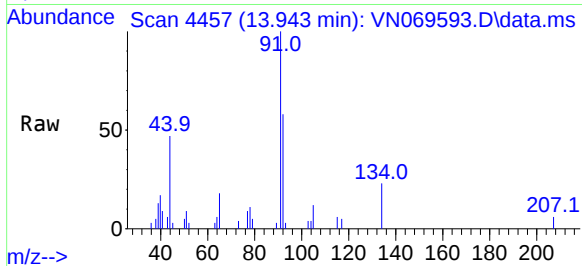




#89
n-Butylbenzene
Concen: 0.25 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN069593.D
Acq: 19 Nov 2021 18:39

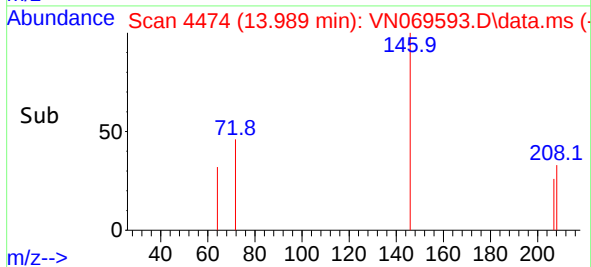
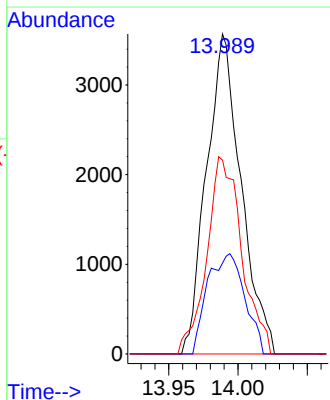
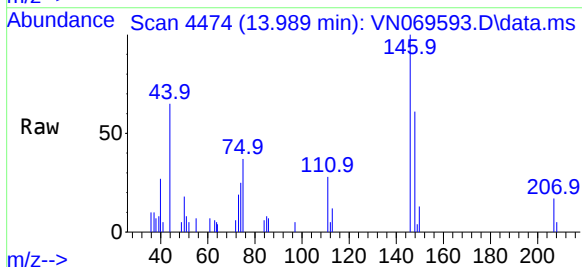
Instrument :
MSVOA_N
ClientSampleId :
MW-4

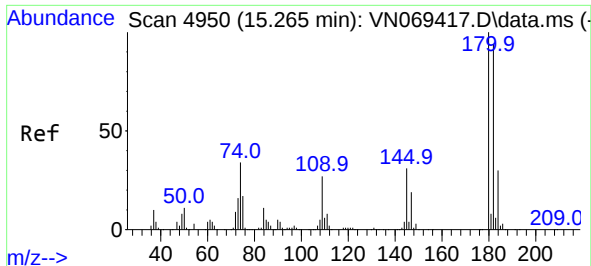
Tgt Ion: 91	Resp:	10415
Ion Ratio	Lower	Upper
91	100	
92	48.4	25.4 76.0
134	22.8	13.6 40.8



#91
1,2-Dichlorobenzene
Concen: 0.25 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. -0.000 min
Lab File: VN069593.D
Acq: 19 Nov 2021 18:39

Tgt Ion: 146	Resp:	6186
Ion Ratio	Lower	Upper
146	100	
111	33.8	19.1 57.3
148	62.3	32.1 96.3

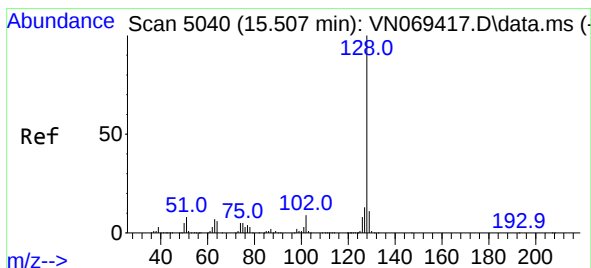
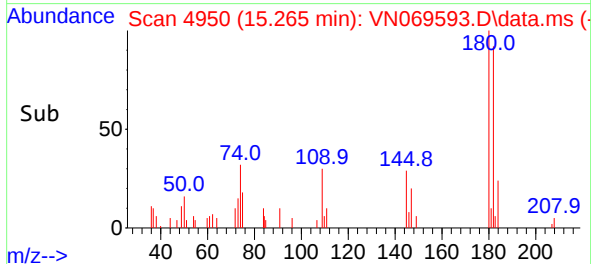
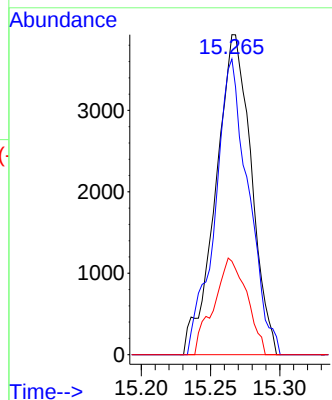
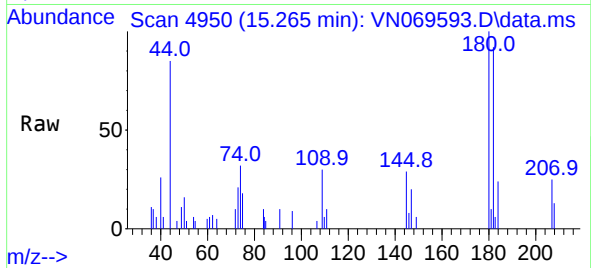




#93
1,2,4-Trichlorobenzene
Concen: 3.63 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN069593.D
Acq: 19 Nov 2021 18:39

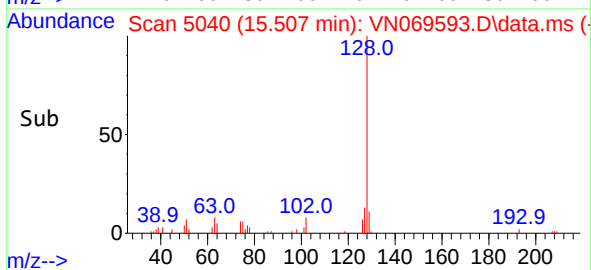
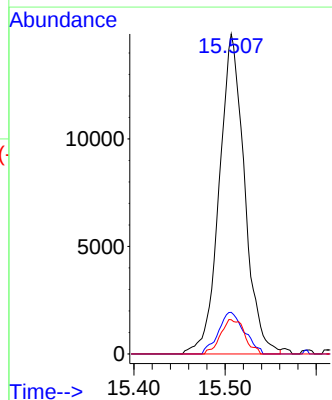
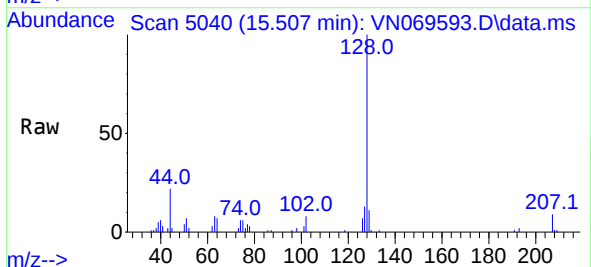
Instrument :
MSVOA_N
ClientSampleId :
MW-4

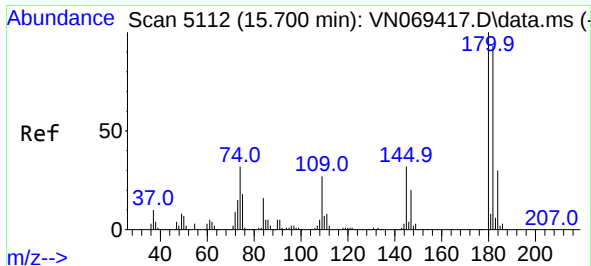
Tgt Ion:180 Resp: 7008
Ion Ratio Lower Upper
180 100
182 87.3 48.3 144.9
145 28.0 14.5 43.5



#95
Naphthalene
Concen: 5.17 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069593.D
Acq: 19 Nov 2021 18:39

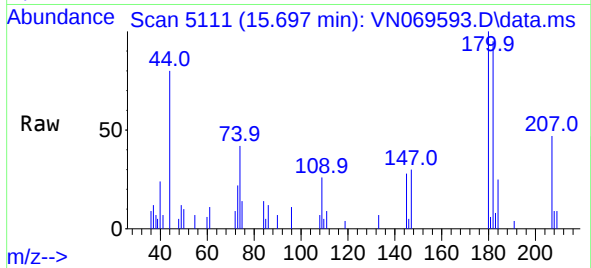
Tgt Ion:128 Resp: 28620
Ion Ratio Lower Upper
128 100
127 13.4 10.5 15.7
129 10.3 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 3.80 ug/l
 RT: 15.697 min Scan# 51
 Delta R.T. -0.003 min
 Lab File: VN069593.D
 Acq: 19 Nov 2021 18:39

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4



Tgt Ion:	180	Resp:	8243
Ion	Ratio	Lower	Upper
180	100		
182	98.3	47.4	142.2
145	28.3	15.0	45.1

