

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092321\
 Data File : VX024462.D
 Acq On : 23 Sep 2021 20:25
 Operator : JC/MD
 Sample : M3833-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP03-20210920

Quant Time: Sep 24 07:38:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 18:24:34 2021
 Response via : Initial Calibration

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

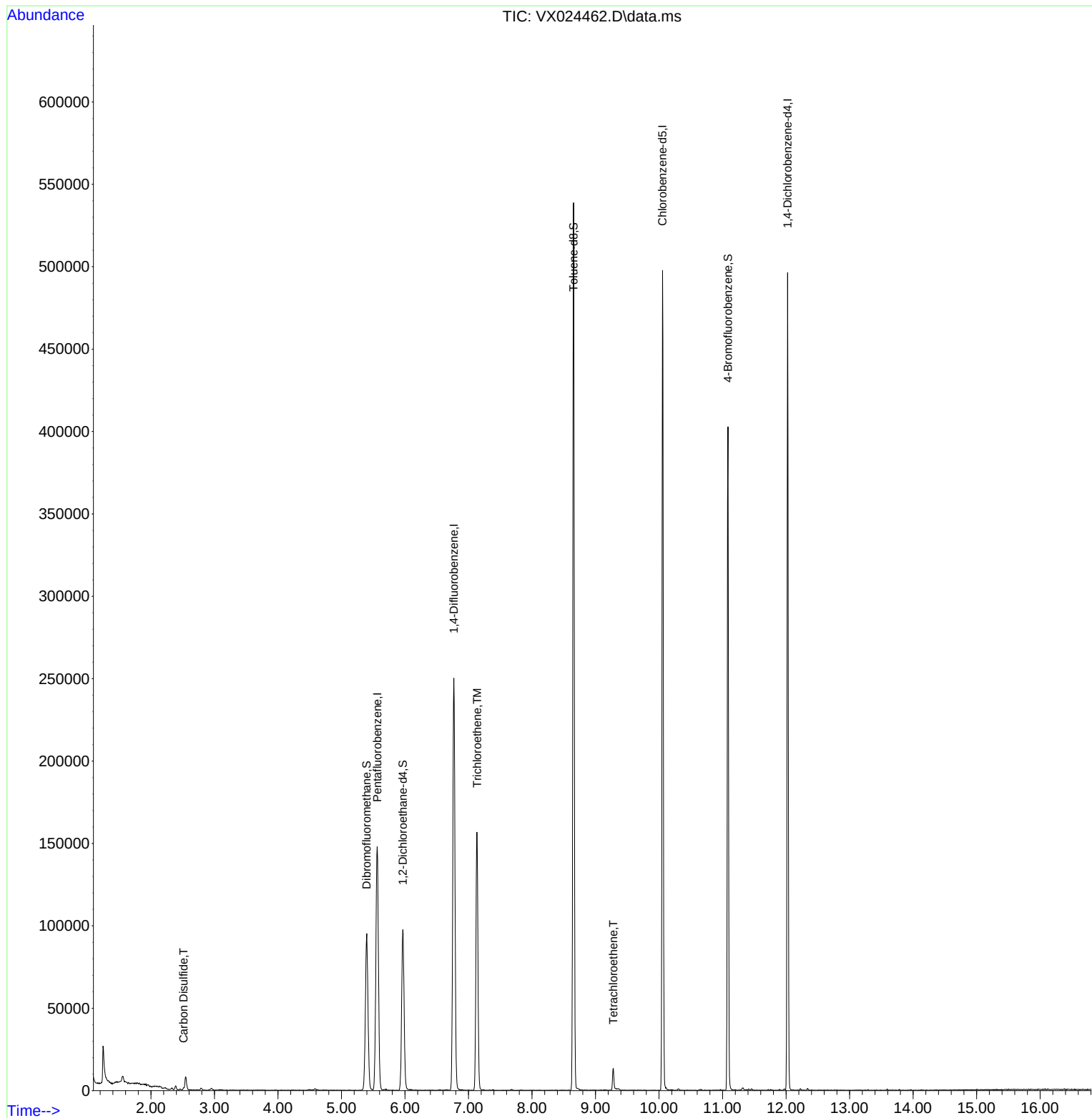
Internal Standards						
1) Pentafluorobenzene	5.562	168	136534	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	256994	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	219337	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	101419	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	100132	52.036	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.080%			
35) Dibromofluoromethane	5.397	113	79549	46.594	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.180%			
50) Toluene-d8	8.653	98	317687	50.557	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.120%			
62) 4-Bromofluorobenzene	11.085	95	107971	43.702	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 87.400%			
Target Compounds						
17) Carbon Disulfide	2.514	76	1234	0.608	ug/l #	91
44) Trichloroethene	7.135	130	60017	30.964	ug/l	100
64) Tetrachloroethene	9.281	164	2390	1.574	ug/l	87

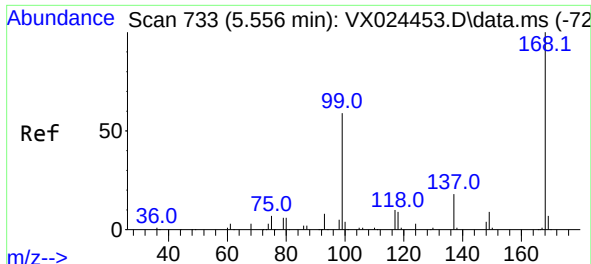
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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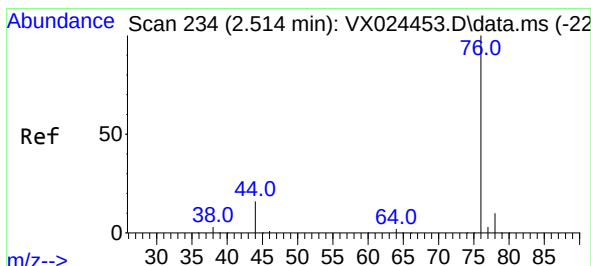
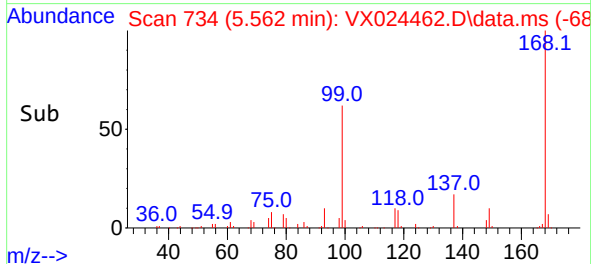
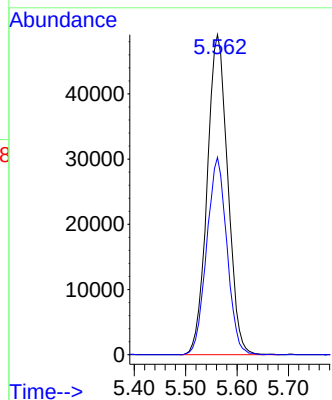
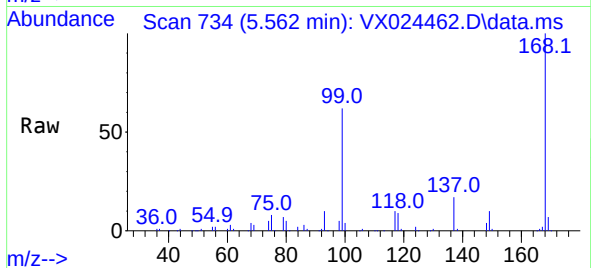




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX024462.D
Acq: 23 Sep 2021 20:25

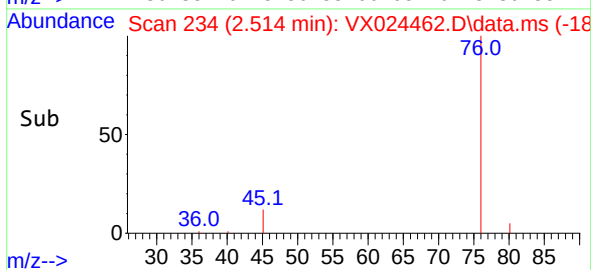
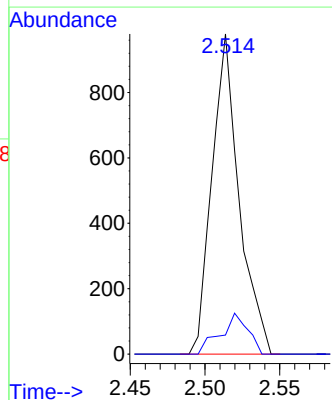
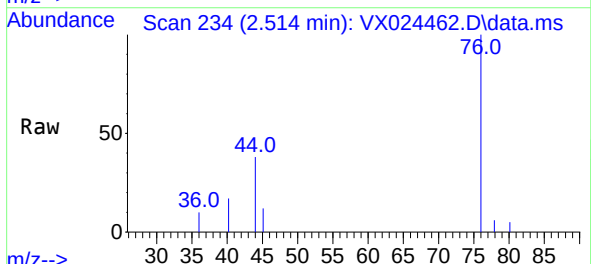
Instrument :
MSVOA_X
ClientSampleId :
DUP03-20210920

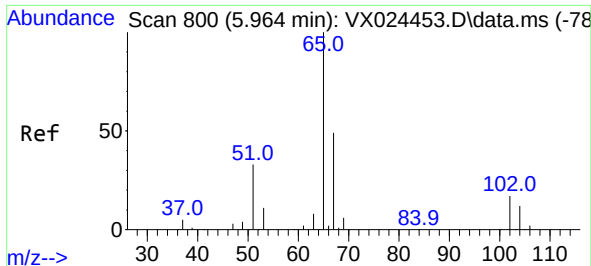
Tgt Ion:168 Resp: 136534
Ion Ratio Lower Upper
168 100
99 61.6 45.8 68.6



#17
Carbon Disulfide
Concen: 0.608 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX024462.D
Acq: 23 Sep 2021 20:25

Tgt Ion: 76 Resp: 1234
Ion Ratio Lower Upper
76 100
78 5.9 7.2 10.8#



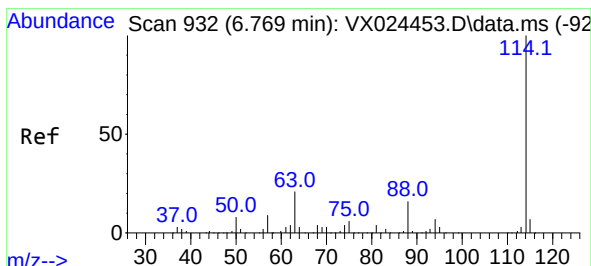
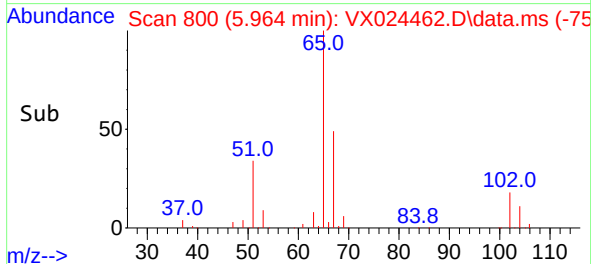
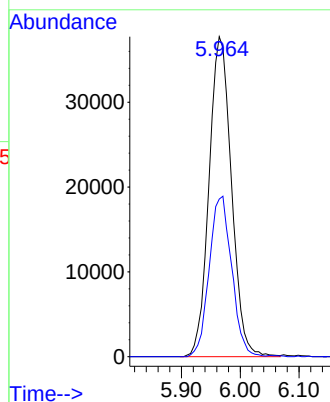
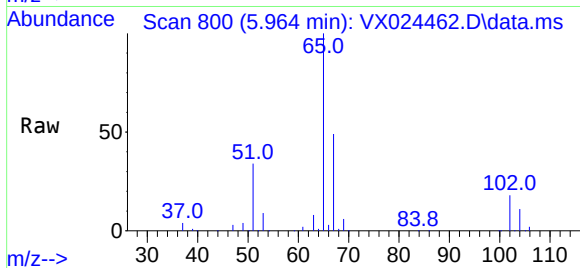


#33

1,2-Dichloroethane-d4
Concen: 52.036 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024462.D
Acq: 23 Sep 2021 20:25

Instrument :
MSVOA_X
ClientSampleId :
DUP03-20210920

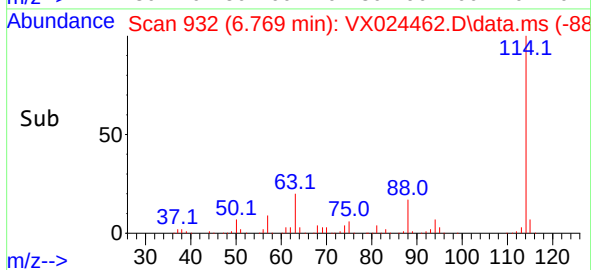
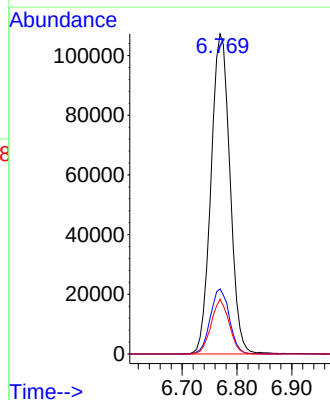
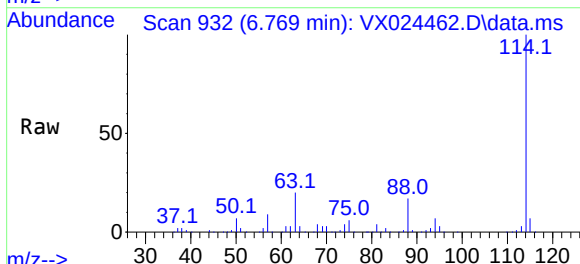
Tgt Ion: 65 Resp: 100132
Ion Ratio Lower Upper
65 100
67 50.2 0.0 105.4

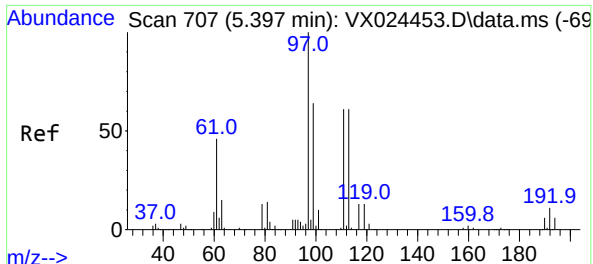


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024462.D
Acq: 23 Sep 2021 20:25

Tgt Ion: 114 Resp: 256994
Ion Ratio Lower Upper
114 100
63 20.4 0.0 40.8
88 17.1 0.0 32.8





#35

Dibromofluoromethane

Concen: 46.594 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX024462.D

Acq: 23 Sep 2021 20:25

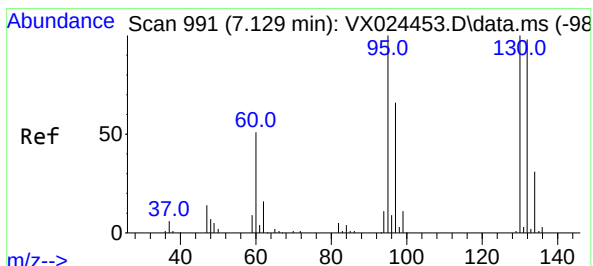
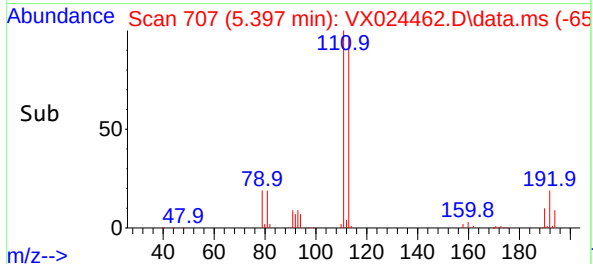
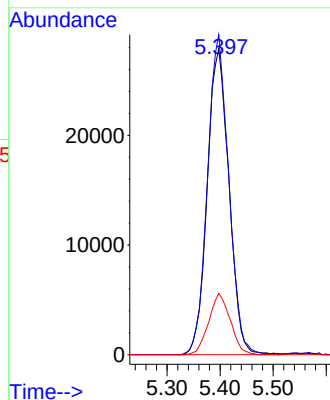
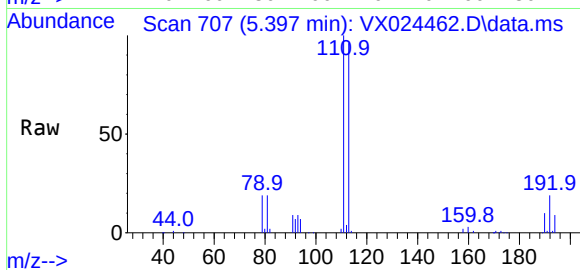
Tgt Ion:113 Resp: 79549

Ion Ratio Lower Upper

113 100

111 102.2 81.9 122.9

192 19.8 16.7 25.1



#44

Trichloroethene

Concen: 30.964 ug/l

RT: 7.135 min Scan# 992

Delta R.T. 0.006 min

Lab File: VX024462.D

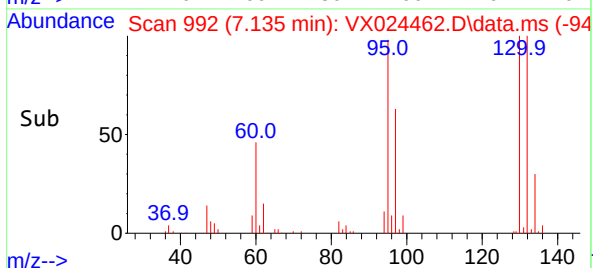
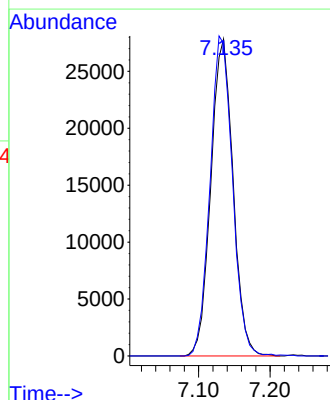
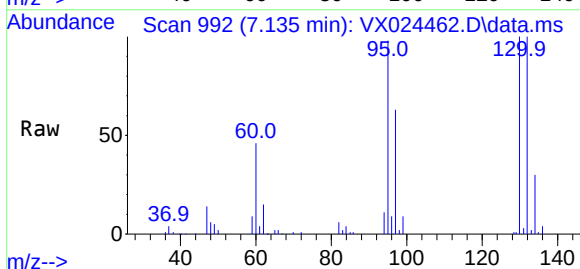
Acq: 23 Sep 2021 20:25

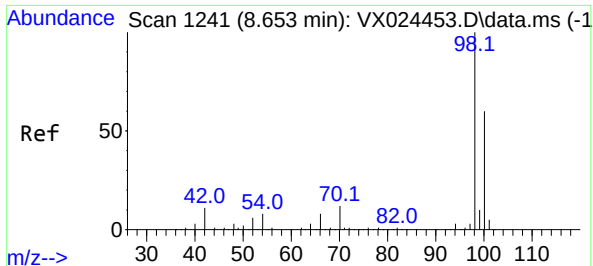
Tgt Ion:130 Resp: 60017

Ion Ratio Lower Upper

130 100

95 98.6 0.0 198.0

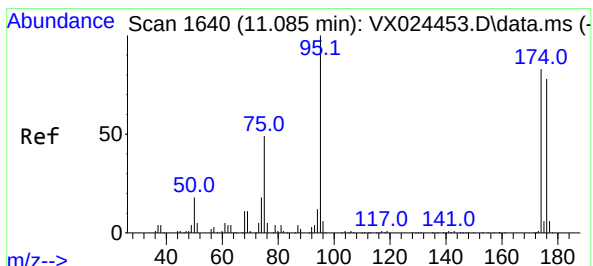
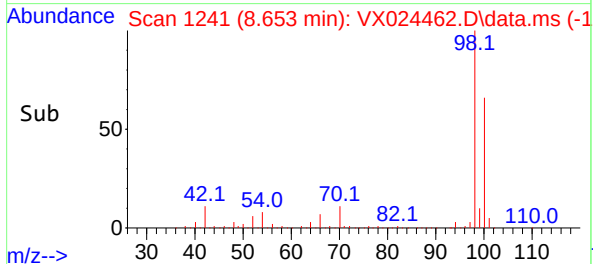
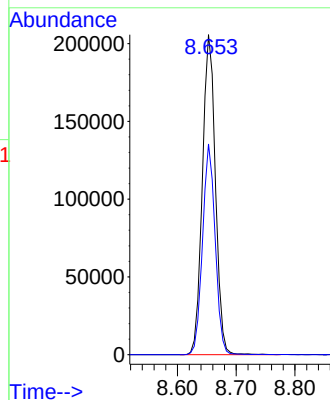
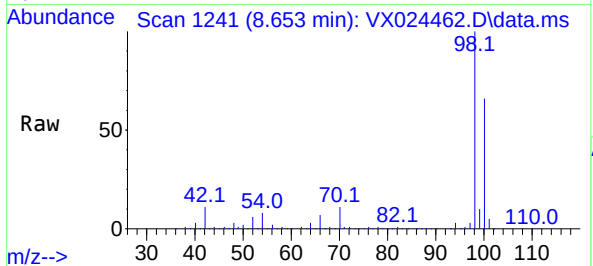




#50
Toluene-d8
Concen: 50.557 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024462.D
Acq: 23 Sep 2021 20:25

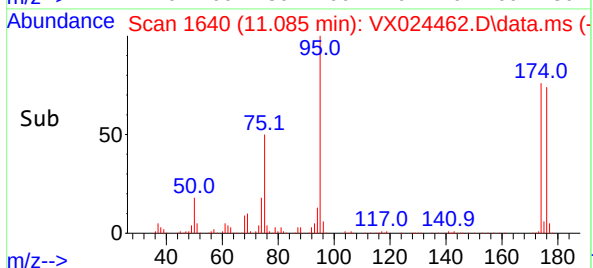
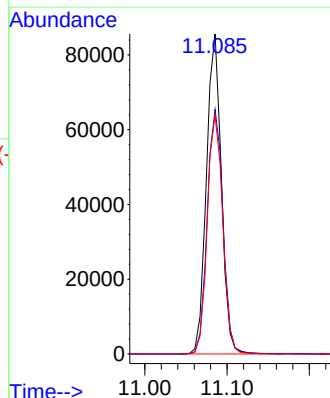
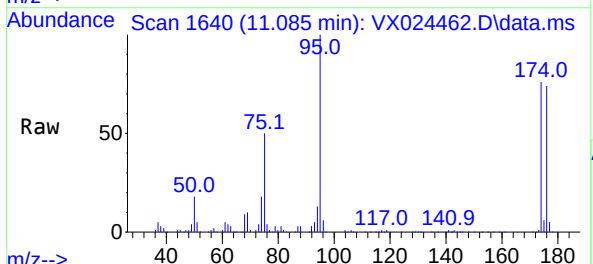
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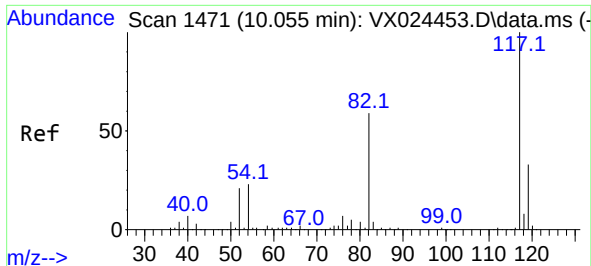
Tgt Ion: 98 Resp: 317687
Ion Ratio Lower Upper
98 100
100 63.7 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 43.702 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024462.D
Acq: 23 Sep 2021 20:25

Tgt Ion: 95 Resp: 107971
Ion Ratio Lower Upper
95 100
174 80.4 0.0 154.6
176 76.8 0.0 155.8

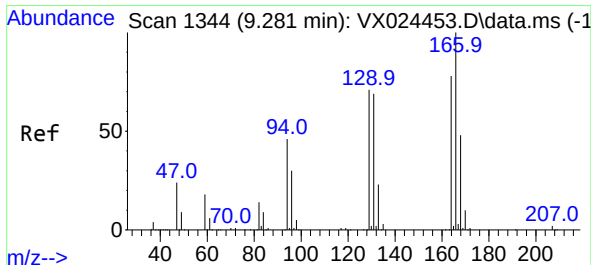
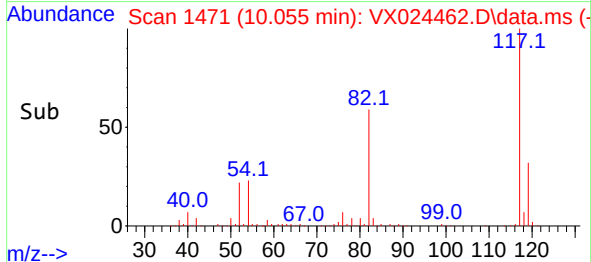
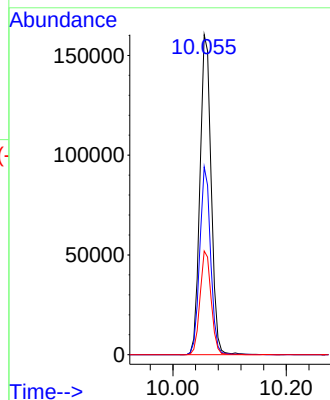
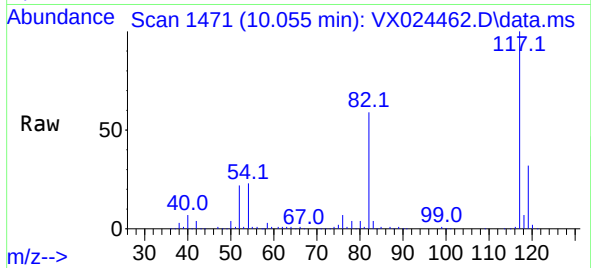




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX024462.D
Acq: 23 Sep 2021 20:25

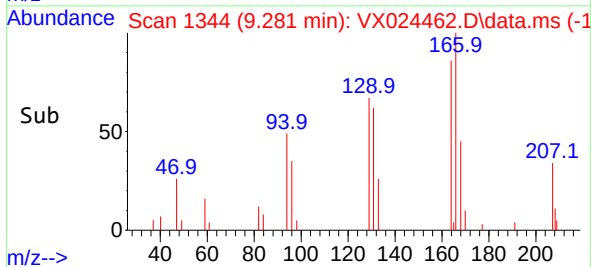
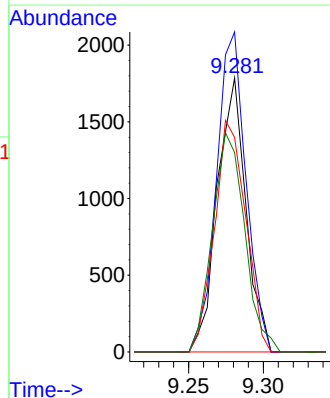
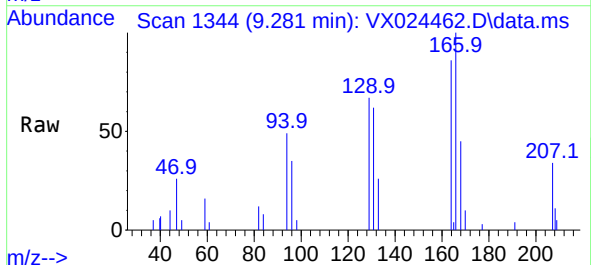
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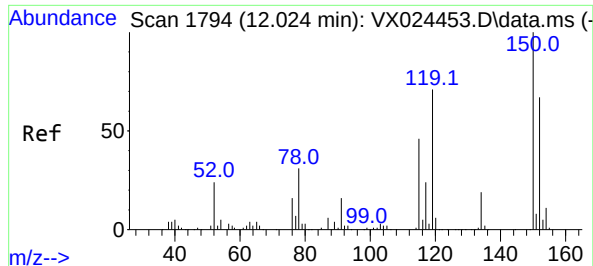
Tgt Ion:117 Resp: 219337
Ion Ratio Lower Upper
117 100
82 58.7 47.4 71.2
119 32.4 26.6 39.8



#64
Tetrachloroethene
Concen: 1.574 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.000 min
Lab File: VX024462.D
Acq: 23 Sep 2021 20:25

Tgt Ion:164 Resp: 2390
Ion Ratio Lower Upper
164 100
166 116.8 103.4 155.2
129 78.3 70.8 106.2
131 72.7 72.5 108.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX024462.D
 Acq: 23 Sep 2021 20:25

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP03-20210920

Tgt Ion:152 Resp: 101419
 Ion Ratio Lower Upper
 152 100
 115 59.8 41.1 123.3
 150 158.1 0.0 349.0

