

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092321\
 Data File : VX024491.D
 Acq On : 24 Sep 2021 08:33
 Operator : JC/MD
 Sample : M3829-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D1-20210917

Quant Time: Sep 24 09:07:34 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)

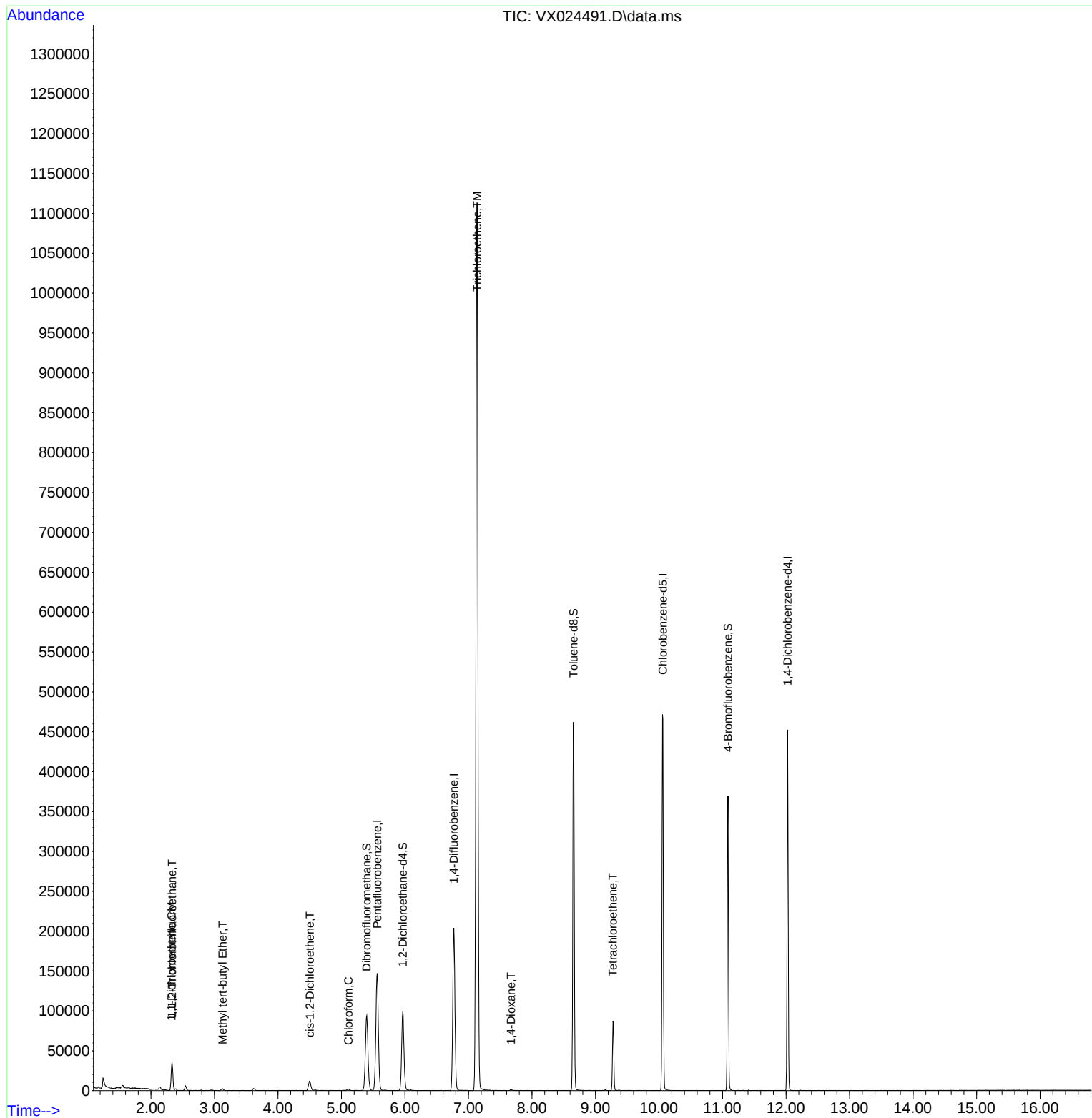
Internal Standards						
1) Pentafluorobenzene	5.562	168	133763	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	201813	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	215552	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	85788	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	96259	51.060	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.120%			
35) Dibromofluoromethane	5.397	113	80257	59.862	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 119.720%			
50) Toluene-d8	8.653	98	272847	55.294	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 110.580%			
62) 4-Bromofluorobenzene	11.085	95	91131	46.971	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.940%			
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.331	101	11465	8.681	ug/l	95
12) 1,1-Dichloroethene	2.325	96	2430	1.982	ug/l	87
19) Methyl tert-butyl Ether	3.130	73	2412	0.522	ug/l #	87
27) cis-1,2-Dichloroethene	4.501	96	7228	4.441	ug/l	93
30) Chloroform	5.111	83	2224	0.792	ug/l #	69
44) Trichloroethene	7.135	130	416090	273.362	ug/l	98
49) 1,4-Dioxane	7.671	88	1178	28.284	ug/l	97
64) Tetrachloroethene	9.275	164	15857	10.629	ug/l	93

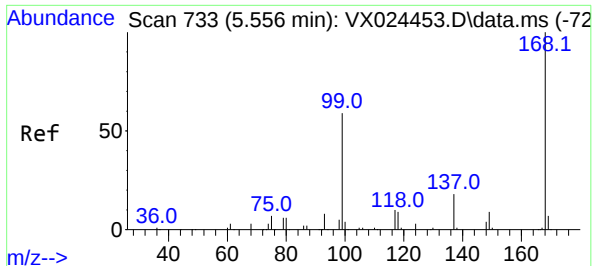
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Sep 23 18:24:34 2021
Response via : Initial Calibration

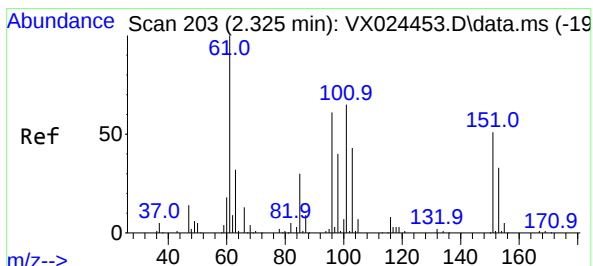
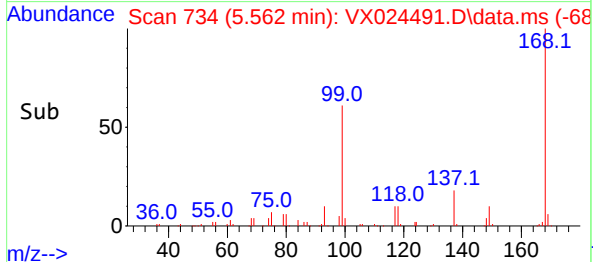
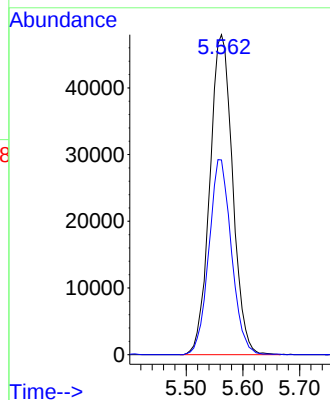
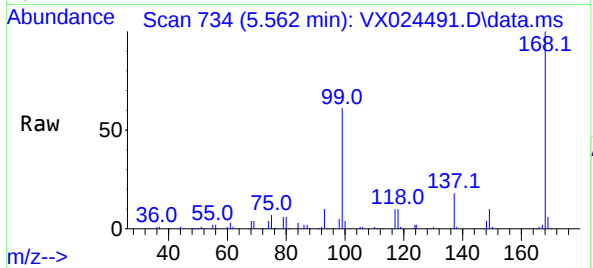




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX024491.D
Acq: 24 Sep 2021 08:33

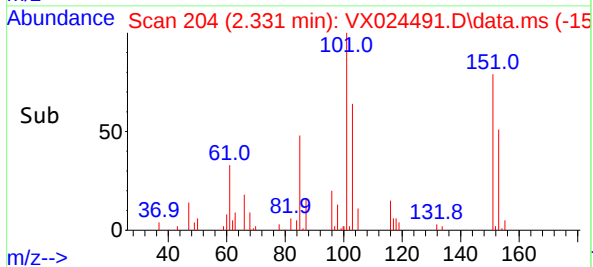
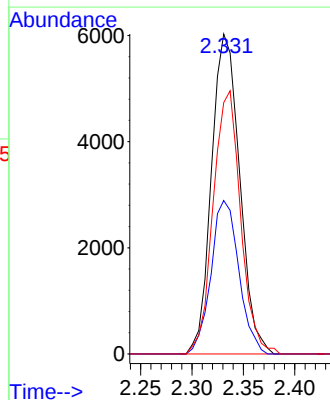
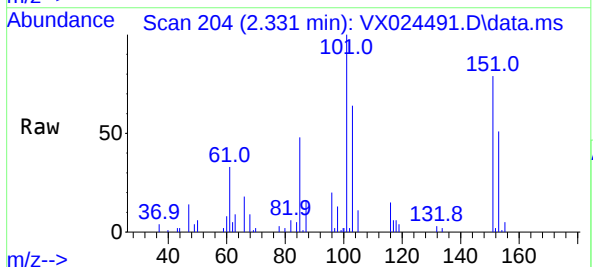
Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20210917

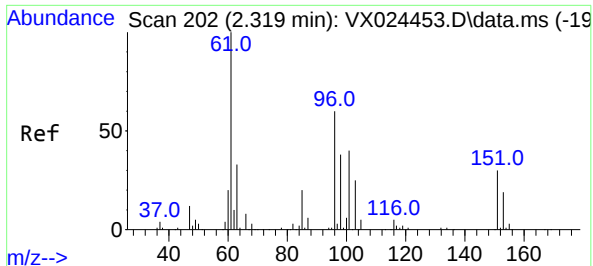
Tgt Ion:168 Resp: 133763
Ion Ratio Lower Upper
168 100
99 60.8 45.8 68.6



#9
1,1,2-Trichlorotrifluoroethane
Concen: 8.681 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX024491.D
Acq: 24 Sep 2021 08:33

Tgt Ion:101 Resp: 11465
Ion Ratio Lower Upper
101 100
85 47.5 34.9 52.3
151 80.2 61.4 92.2





#12

1,1-Dichloroethene

Concen: 1.982 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.006 min

Lab File: VX024491.D

Acq: 24 Sep 2021 08:33

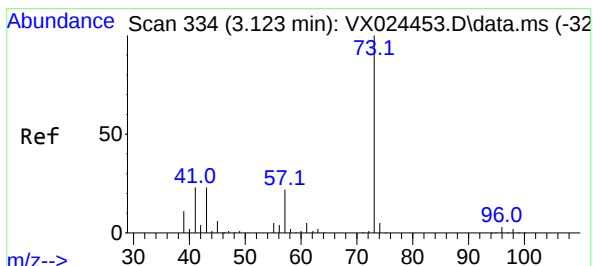
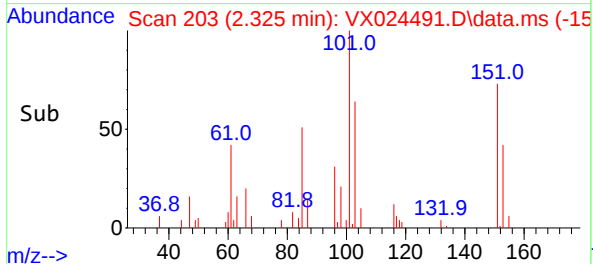
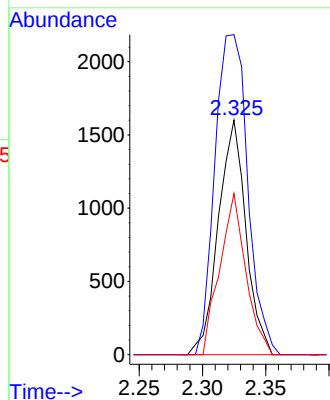
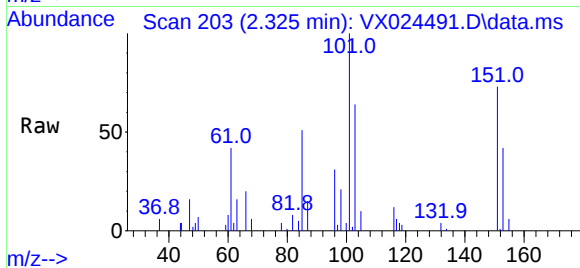
Tgt Ion: 96 Resp: 2430

Ion Ratio Lower Upper

96 100

61 136.4 124.6 187.0

98 68.7 50.6 76.0



#19

Methyl tert-butyl Ether

Concen: 0.522 ug/l

RT: 3.130 min Scan# 335

Delta R.T. 0.007 min

Lab File: VX024491.D

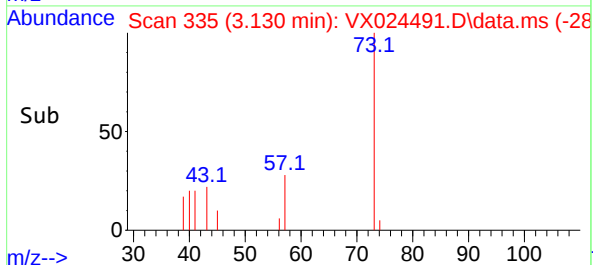
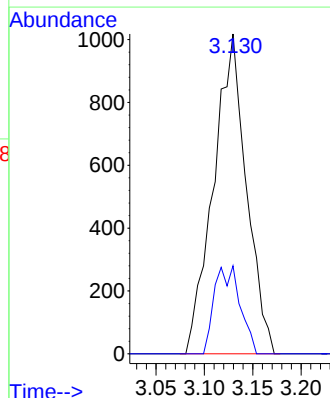
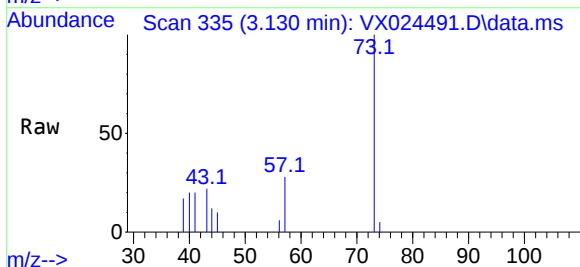
Acq: 24 Sep 2021 08:33

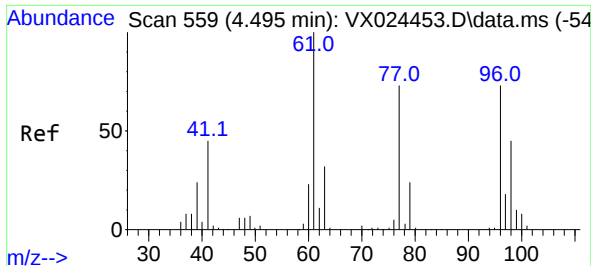
Tgt Ion: 73 Resp: 2412

Ion Ratio Lower Upper

73 100

57 27.5 17.1 25.7#



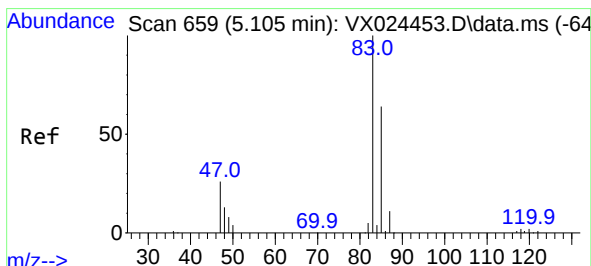
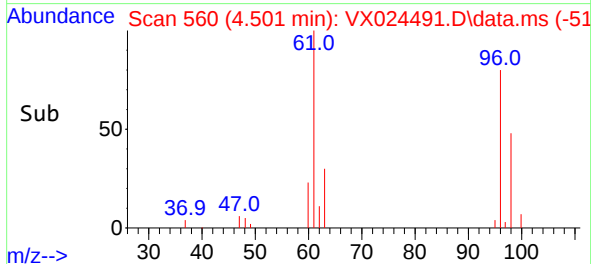
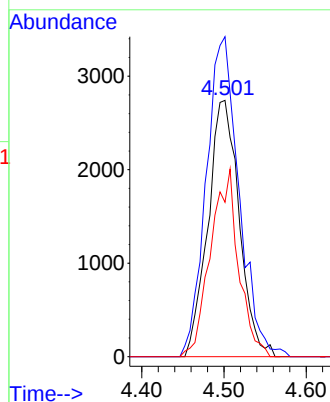
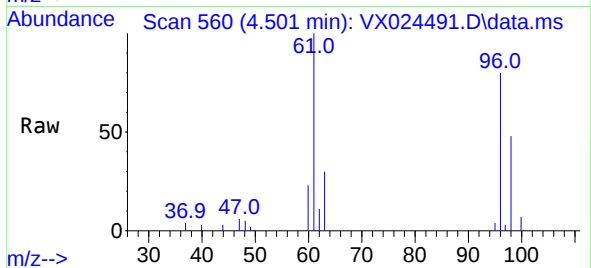


#27
cis-1,2-Dichloroethene
Concen: 4.441 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.006 min
Lab File: VX024491.D
Acq: 24 Sep 2021 08:33

Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20210917

Tgt Ion: 96 Resp: 7228

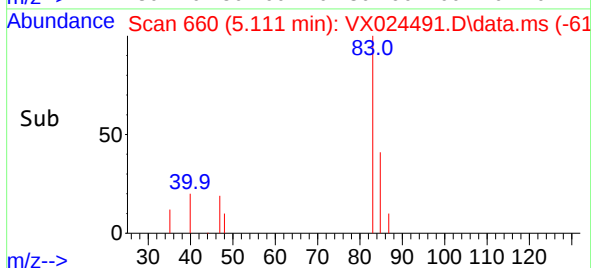
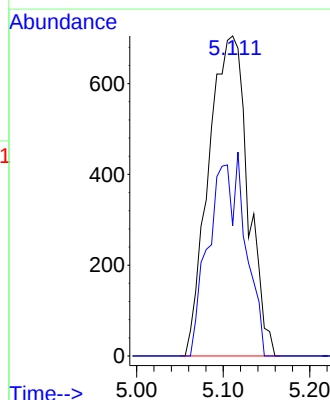
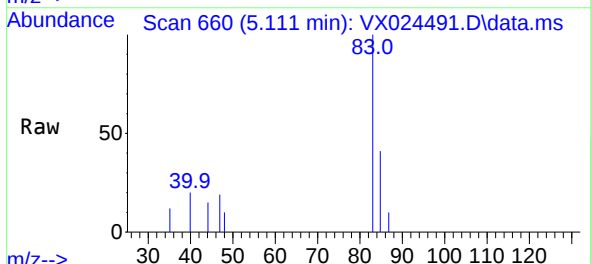
Ion	Ratio	Lower	Upper
96	100		
61	131.3	0.0	285.6
98	65.7	0.0	129.6

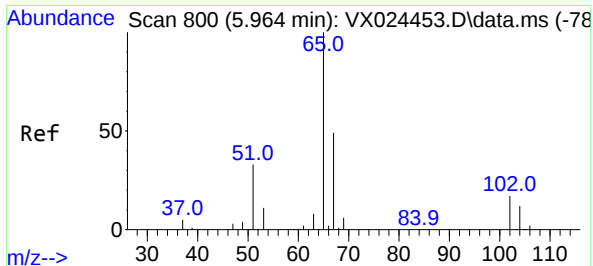


#30
Chloroform
Concen: 0.792 ug/l
RT: 5.111 min Scan# 660
Delta R.T. 0.006 min
Lab File: VX024491.D
Acq: 24 Sep 2021 08:33

Tgt Ion: 83 Resp: 2224

Ion	Ratio	Lower	Upper
83	100		
85	40.7	52.0	78.0#



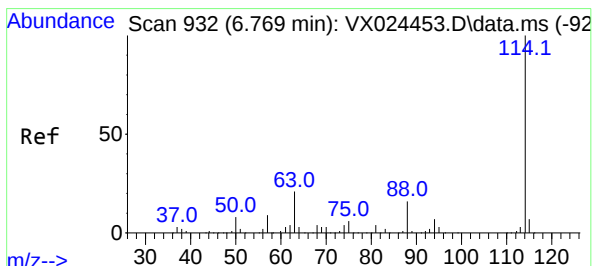
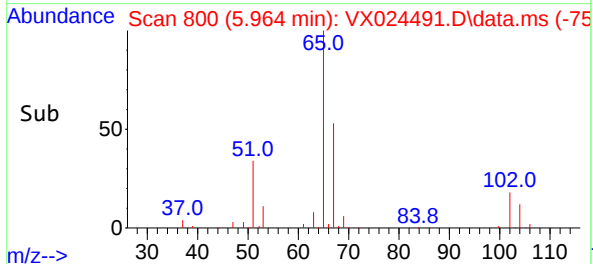
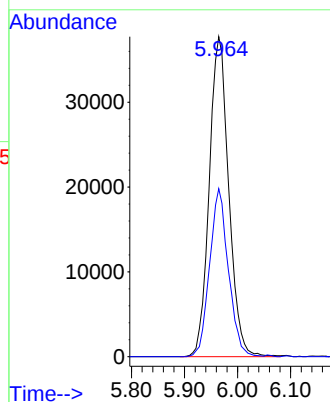
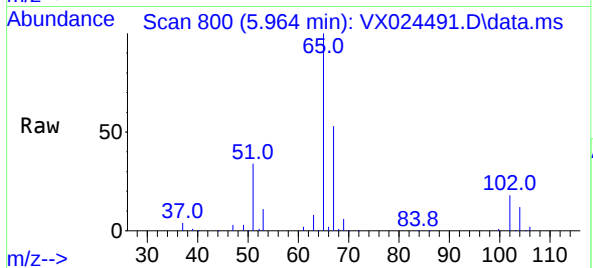


#33

1,2-Dichloroethane-d4
Concen: 51.060 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024491.D
Acq: 24 Sep 2021 08:33

Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20210917

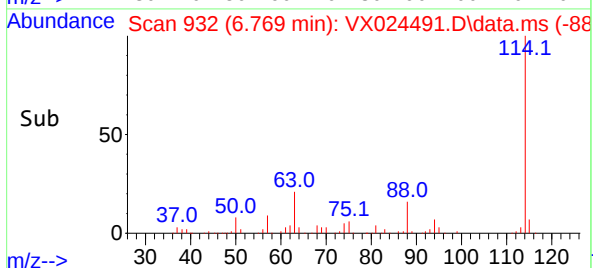
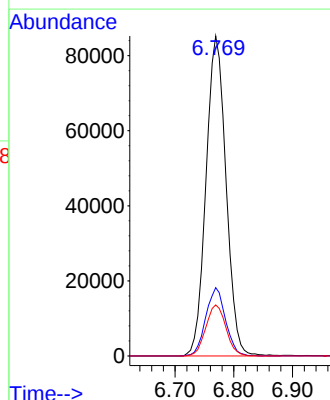
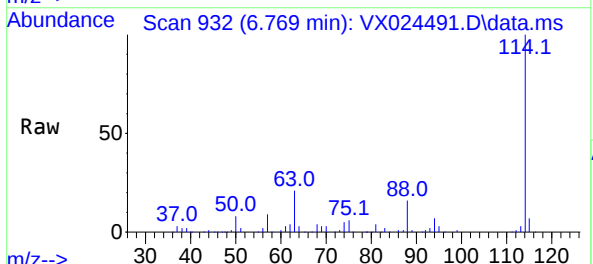
Tgt Ion: 65 Resp: 96259
Ion Ratio Lower Upper
65 100
67 50.6 0.0 105.4

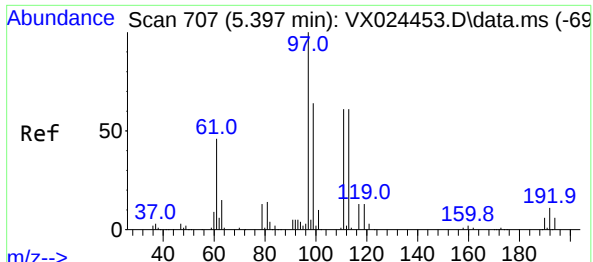


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024491.D
Acq: 24 Sep 2021 08:33

Tgt Ion: 114 Resp: 201813
Ion Ratio Lower Upper
114 100
63 21.4 0.0 40.8
88 15.9 0.0 32.8





#35

Dibromofluoromethane

Concen: 59.862 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX024491.D

Acq: 24 Sep 2021 08:33

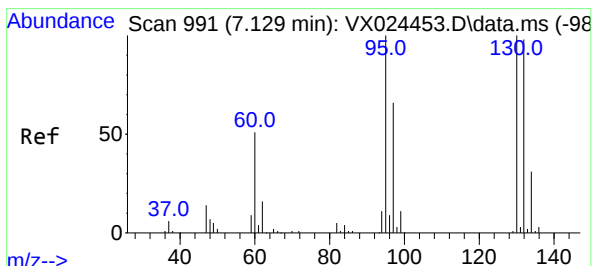
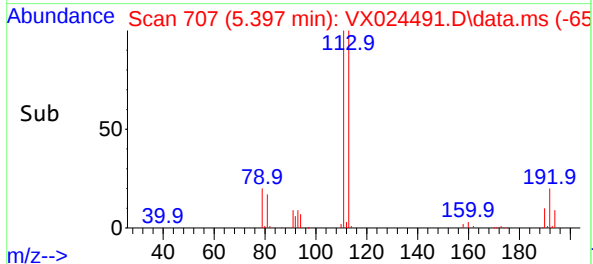
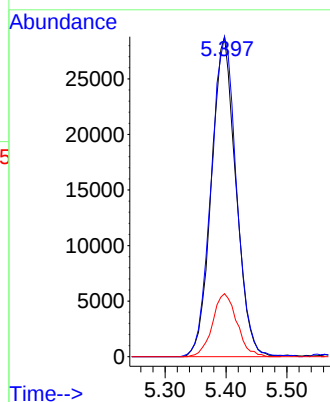
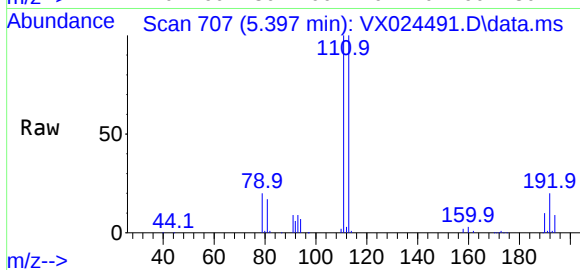
Tgt Ion:113 Resp: 80257

Ion Ratio Lower Upper

113 100

111 103.5 81.9 122.9

192 19.7 16.7 25.1



#44

Trichloroethene

Concen: 273.362 ug/l

RT: 7.135 min Scan# 992

Delta R.T. 0.006 min

Lab File: VX024491.D

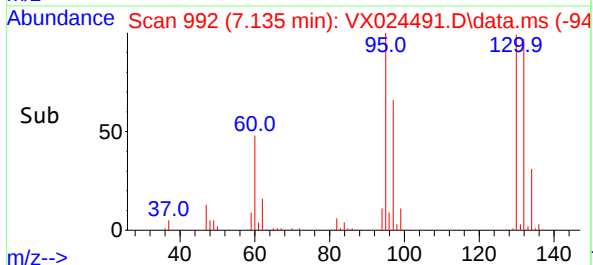
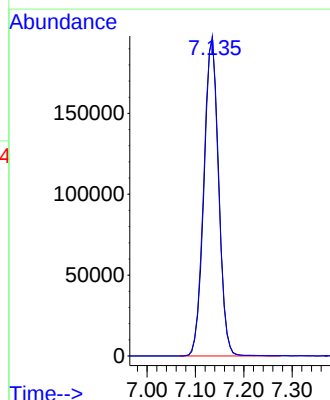
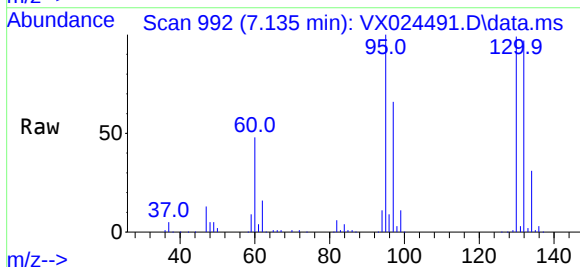
Acq: 24 Sep 2021 08:33

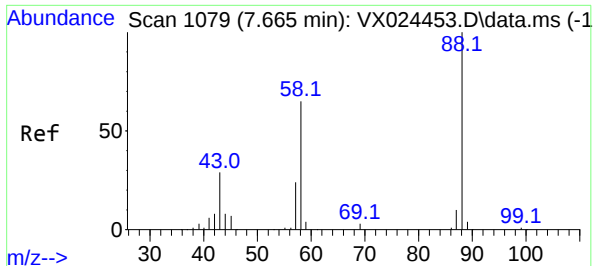
Tgt Ion:130 Resp: 416090

Ion Ratio Lower Upper

130 100

95 101.2 0.0 198.0

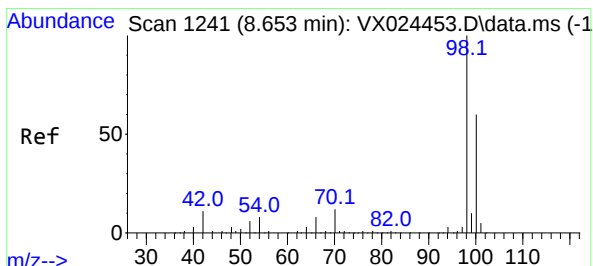
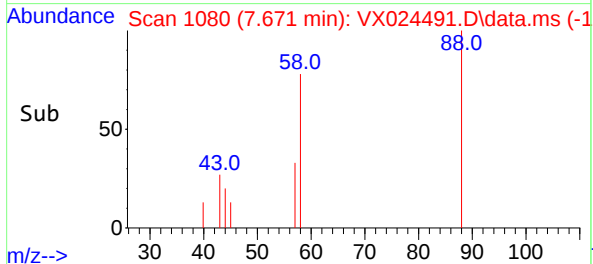
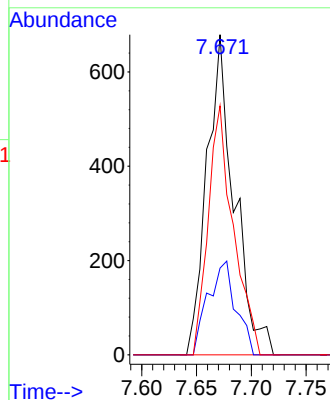
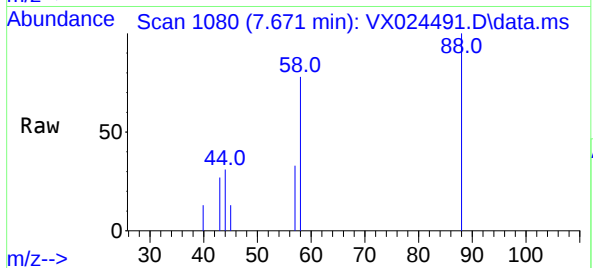




#49
1,4-Dioxane
Concen: 28.284 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. 0.006 min
Lab File: VX024491.D
Acq: 24 Sep 2021 08:33

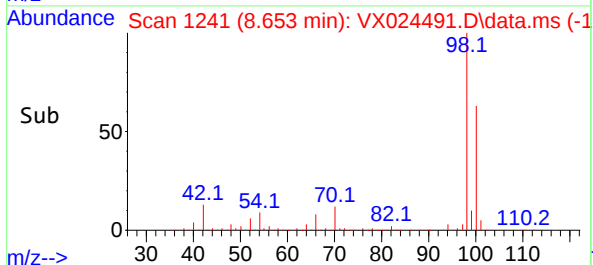
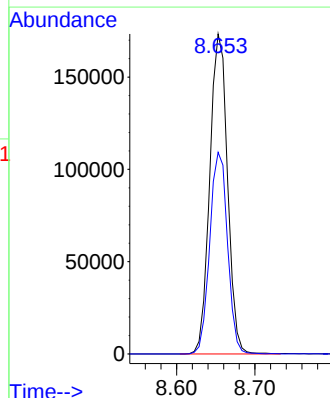
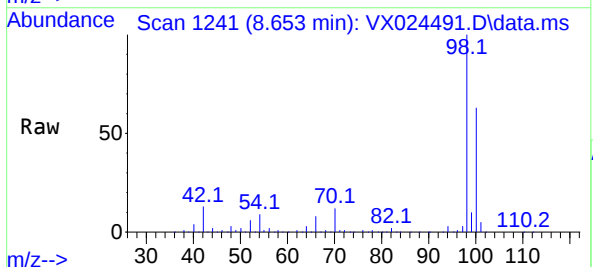
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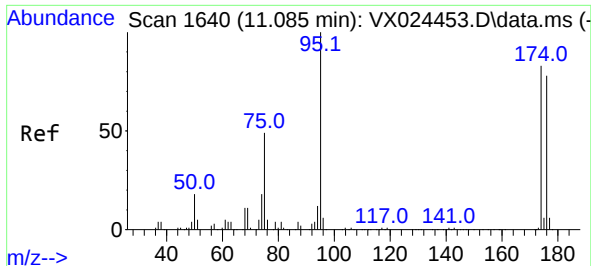
Tgt Ion: 88 Resp: 1178
Ion Ratio Lower Upper
88 100
43 29.6 23.2 34.8
58 71.3 55.0 82.4



#50
Toluene-d8
Concen: 55.294 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024491.D
Acq: 24 Sep 2021 08:33

Tgt Ion: 98 Resp: 272847
Ion Ratio Lower Upper
98 100
100 63.1 51.9 77.9

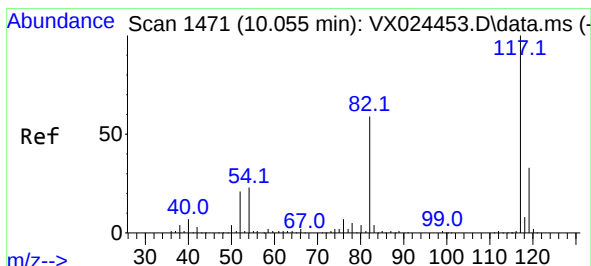
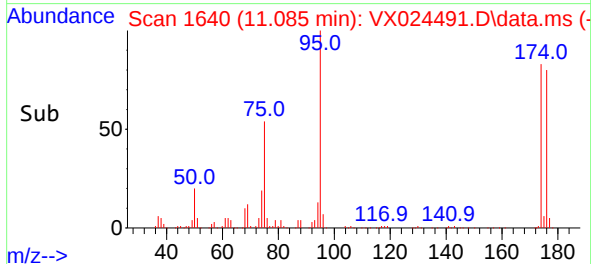
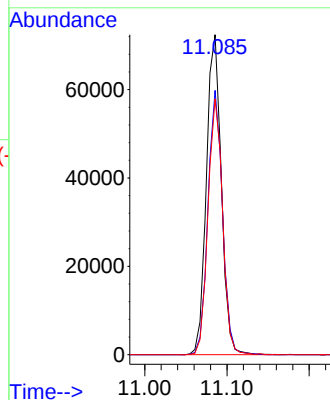
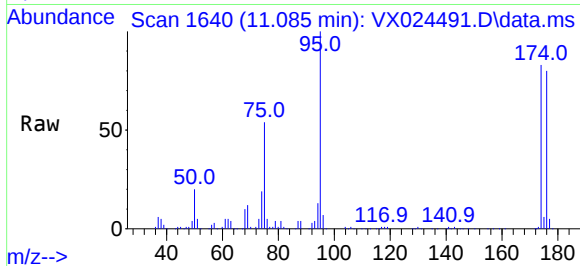




#62
4-Bromofluorobenzene
Concen: 46.971 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024491.D
Acq: 24 Sep 2021 08:33

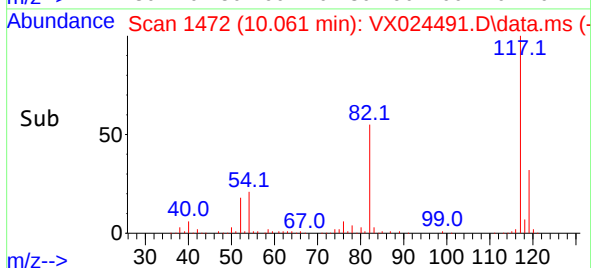
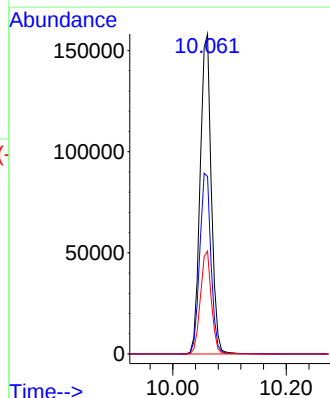
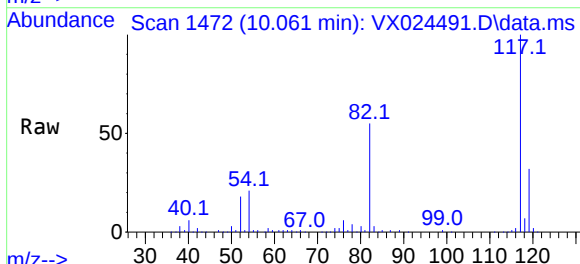
Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20210917

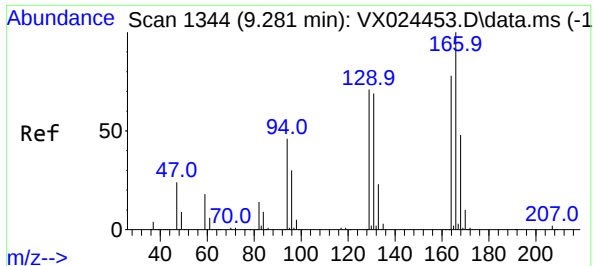
Tgt Ion: 95 Resp: 91131
Ion Ratio Lower Upper
95 100
174 80.5 0.0 154.6
176 78.3 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX024491.D
Acq: 24 Sep 2021 08:33

Tgt Ion: 117 Resp: 215552
Ion Ratio Lower Upper
117 100
82 55.5 47.4 71.2
119 32.1 26.6 39.8

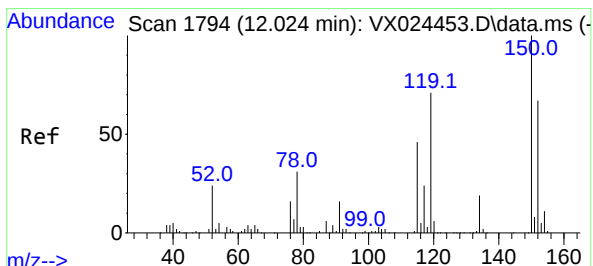
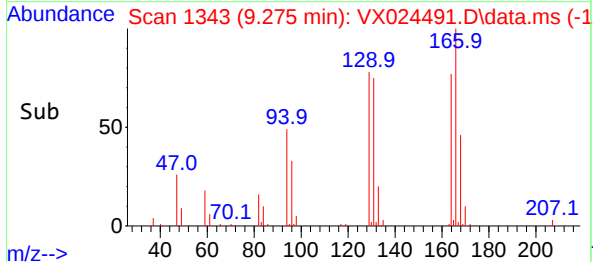
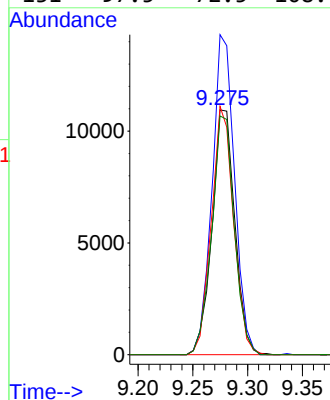
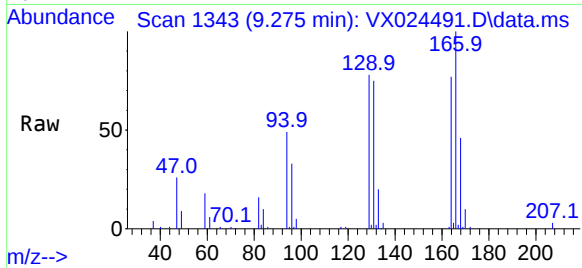




#64
Tetrachloroethene
Concen: 10.629 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.006 min
Lab File: VX024491.D
Acq: 24 Sep 2021 08:33

Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20210917

Tgt Ion:164 Resp: 15857
Ion Ratio Lower Upper
164 100
166 130.7 103.4 155.2
129 101.5 70.8 106.2
131 97.5 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: VX024491.D
Acq: 24 Sep 2021 08:33

Tgt Ion:152 Resp: 85788
Ion Ratio Lower Upper
152 100
115 60.0 41.1 123.3
150 157.2 0.0 349.0

