

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112421\
 Data File : VX025329.D
 Acq On : 24 Nov 2021 16:12
 Operator : JC/MD
 Sample : M4775-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW-12D-20211118

Quant Time: Nov 26 10:35:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

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

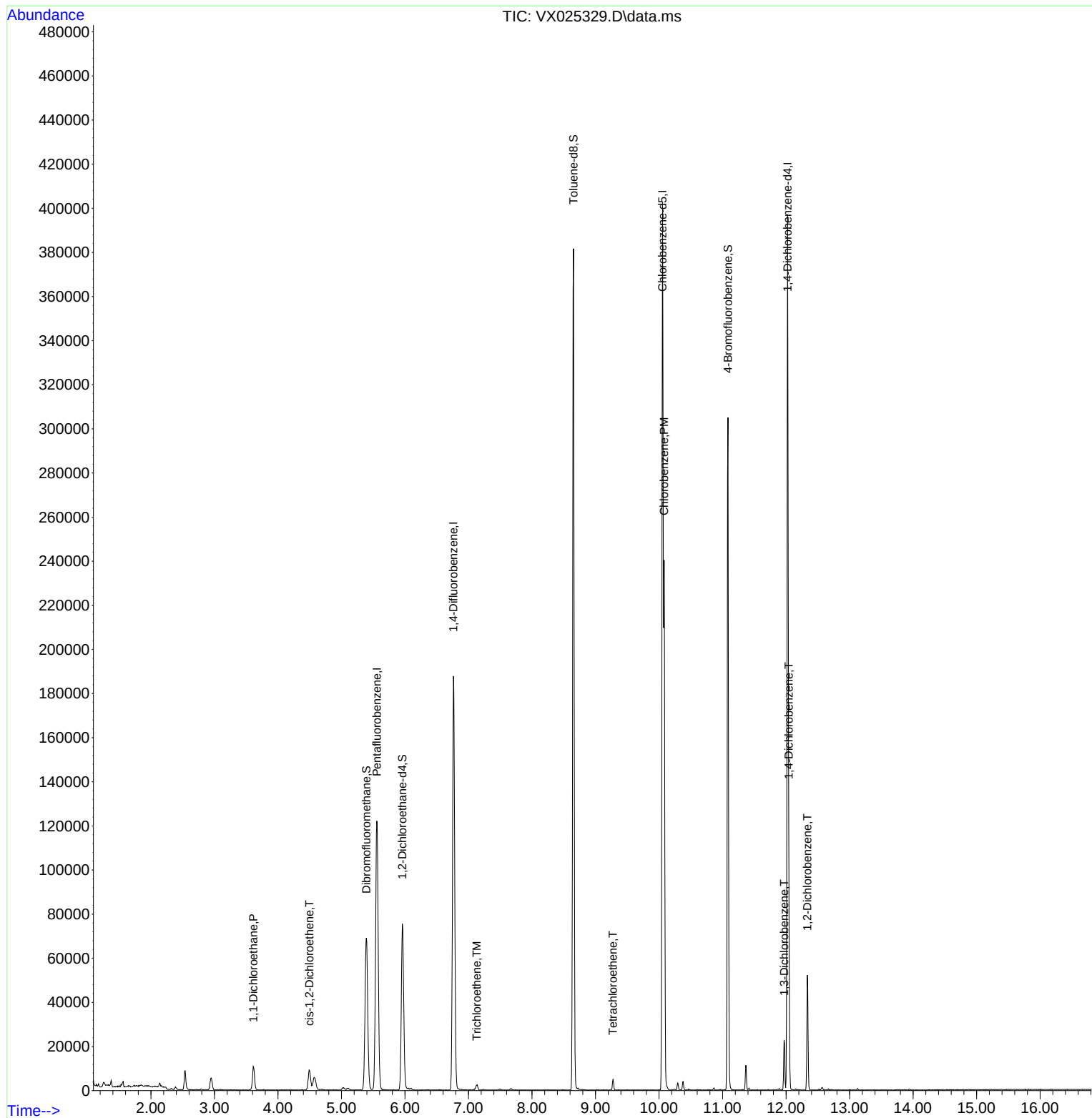
Internal Standards						
1) Pentafluorobenzene	5.556	168	127582	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	202958	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	181462	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	82759	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	68280	50.773	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.540%			
35) Dibromofluoromethane	5.391	113	60941	48.937	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.880%			
50) Toluene-d8	8.653	98	230797	49.293	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.580%			
62) 4-Bromofluorobenzene	11.085	95	82790	46.740	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.480%			
Target Compounds						Qvalue
24) 1,1-Dichloroethane	3.611	63	11828	5.311	ug/l	96
27) cis-1,2-Dichloroethene	4.495	96	5955	3.937	ug/l	82
44) Trichloroethene	7.129	130	1020	0.655	ug/l	72
64) Tetrachloroethene	9.275	164	1002	0.670	ug/l #	81
65) Chlorobenzene	10.079	112	101600	27.475	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	7892	2.795	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	28277	9.883	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	17274	6.277	ug/l	97

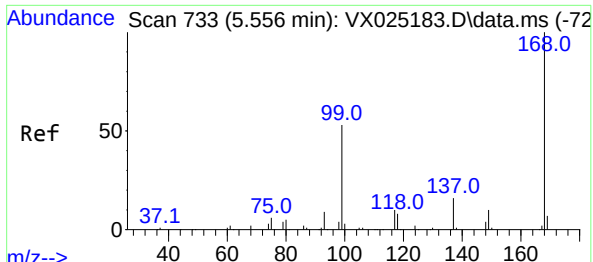
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 16 Sample Multiplier: 1

Instrument :
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RW-12D-20211118

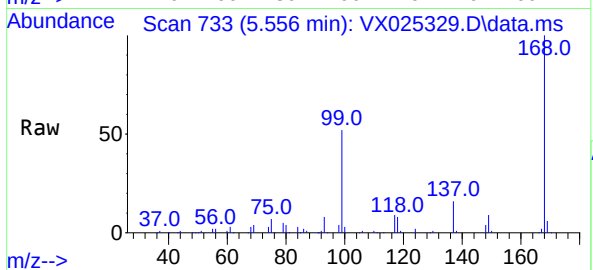
Quant Time: Nov 26 10:35:54 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 17 15:36:16 2021
Response via : Initial Calibration



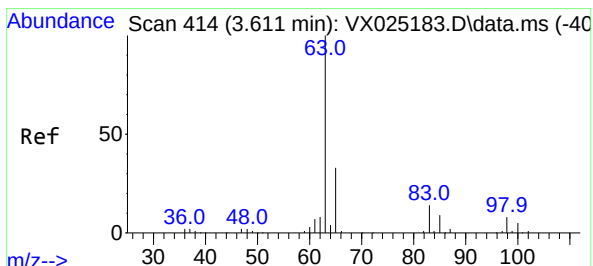
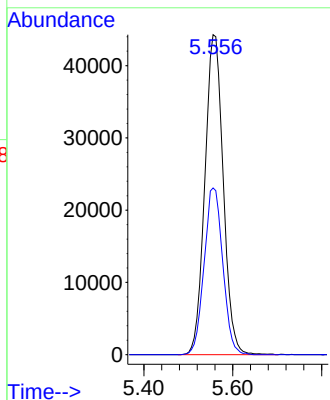
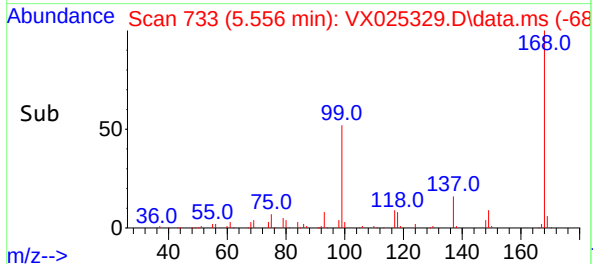


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025329.D
Acq: 24 Nov 2021 16:12

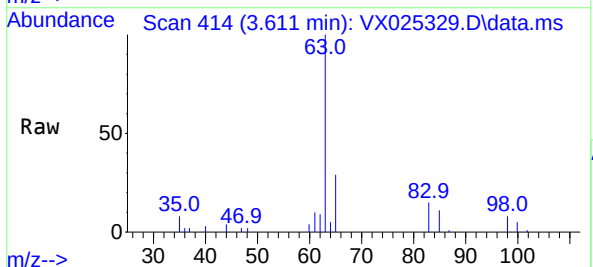
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MSVOA_X
ClientSampleId :
RW-12D-20211118



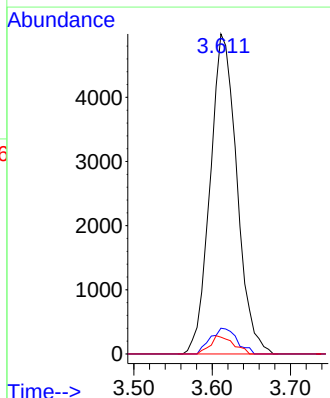
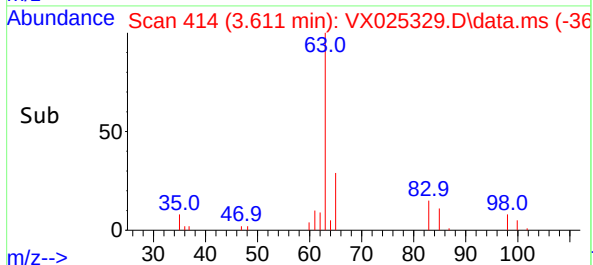
Tgt Ion:168 Resp: 127582
Ion Ratio Lower Upper
168 100
99 52.1 46.4 69.6

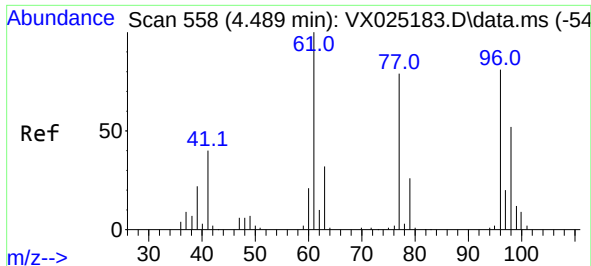


#24
1,1-Dichloroethane
Concen: 5.311 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX025329.D
Acq: 24 Nov 2021 16:12



Tgt Ion: 63 Resp: 11828
Ion Ratio Lower Upper
63 100
98 8.0 3.3 9.9
100 5.2 2.1 6.2

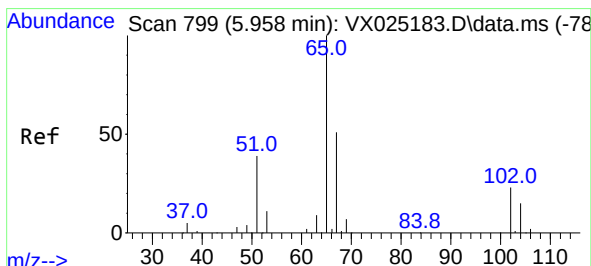
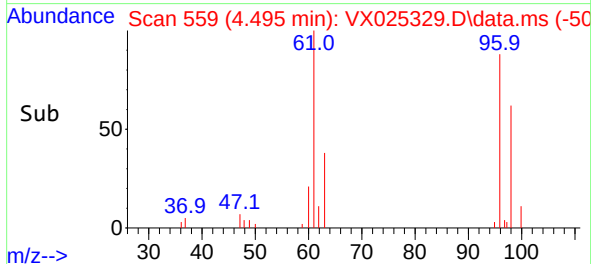
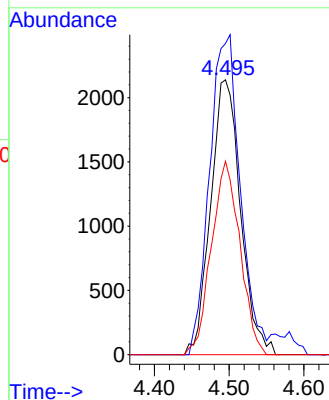
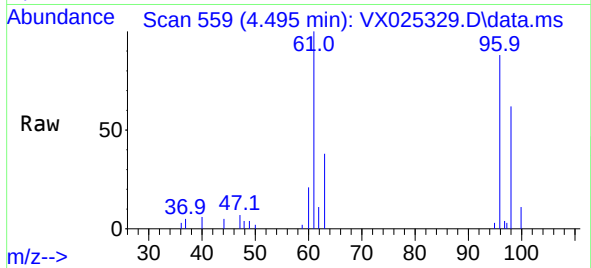




#27
 cis-1,2-Dichloroethene
 Concen: 3.937 ug/l
 RT: 4.495 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VX025329.D
 Acq: 24 Nov 2021 16:12

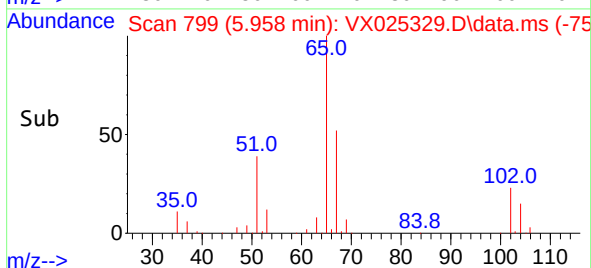
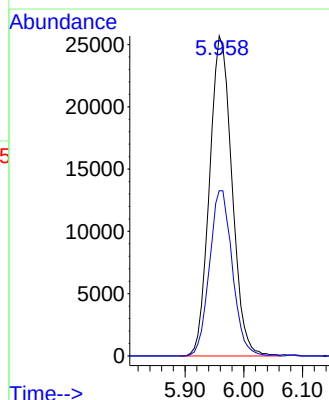
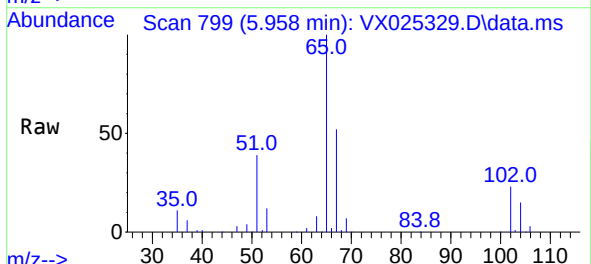
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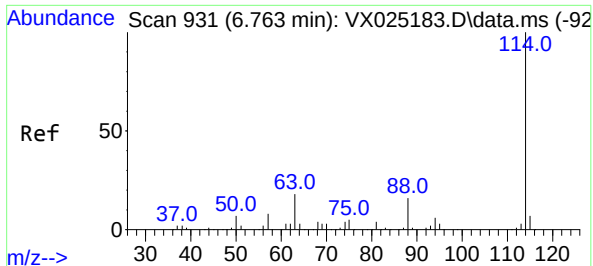
Tgt Ion: 96 Resp: 5955
 Ion Ratio Lower Upper
 96 100
 61 119.3 0.0 302.2
 98 67.2 0.0 131.4



#33
 1,2-Dichloroethane-d4
 Concen: 50.773 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX025329.D
 Acq: 24 Nov 2021 16:12

Tgt Ion: 65 Resp: 68280
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 101.0

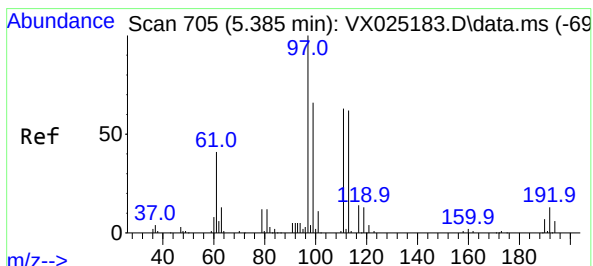
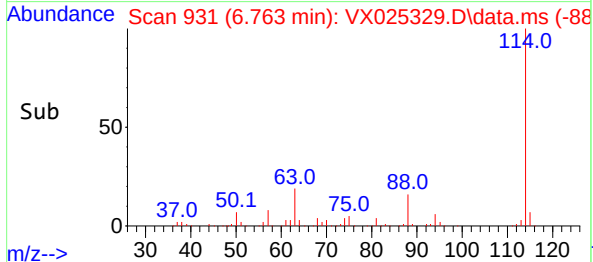
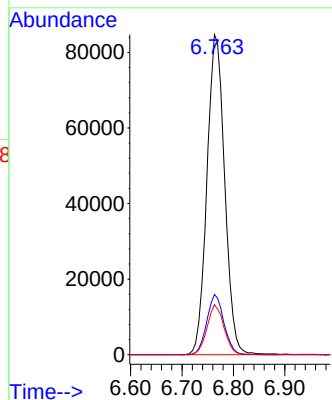
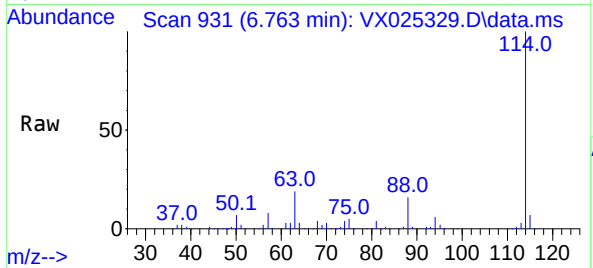




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX025329.D
Acq: 24 Nov 2021 16:12

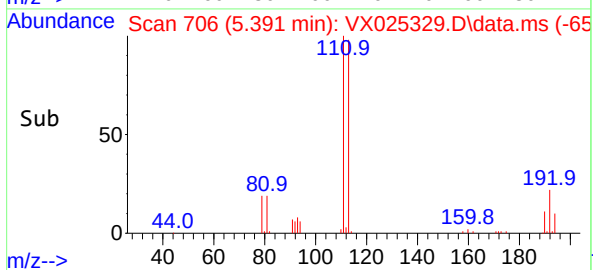
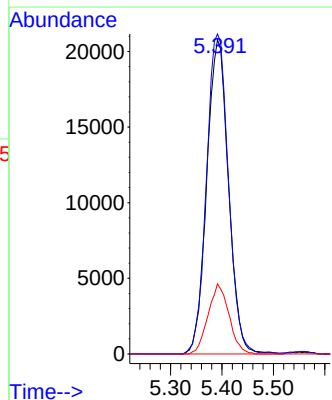
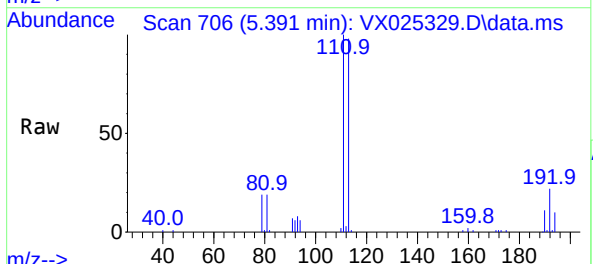
Instrument :
MSVOA_X
ClientSampleId :
RW-12D-20211118

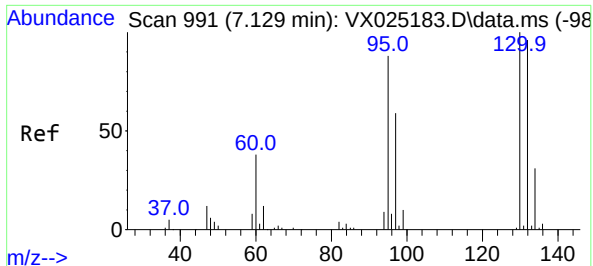
Tgt Ion:114 Resp: 202958
Ion Ratio Lower Upper
114 100
63 18.9 0.0 41.0
88 15.6 0.0 34.8



#35
Dibromofluoromethane
Concen: 48.937 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX025329.D
Acq: 24 Nov 2021 16:12

Tgt Ion:113 Resp: 60941
Ion Ratio Lower Upper
113 100
111 102.7 82.1 123.1
192 21.4 15.6 23.4

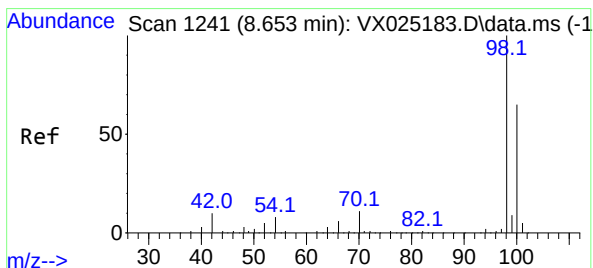
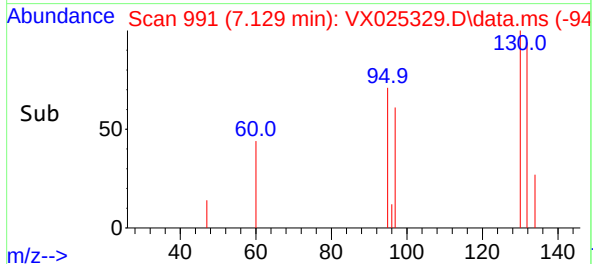
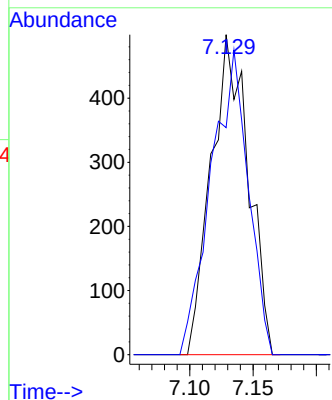
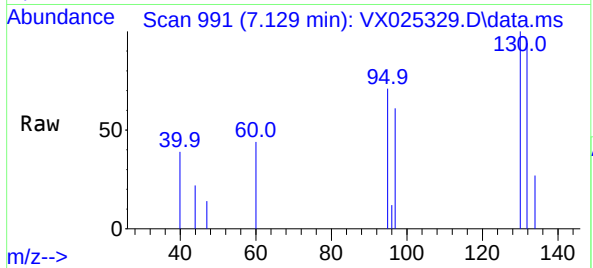




#44
Trichloroethene
Concen: 0.655 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX025329.D
Acq: 24 Nov 2021 16:12

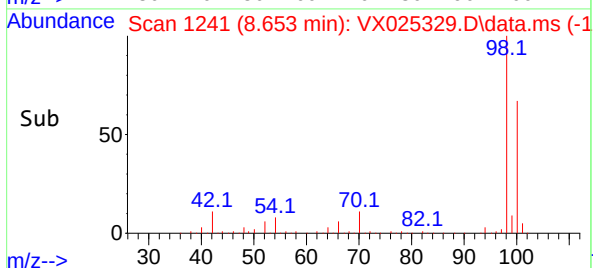
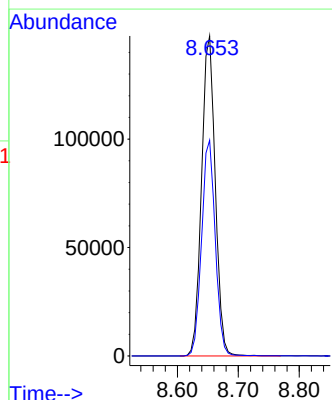
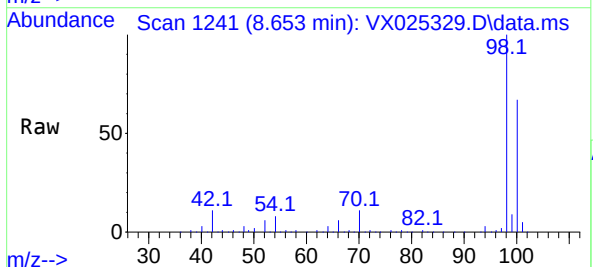
Instrument :
MSVOA_X
ClientSampleId :
RW-12D-20211118

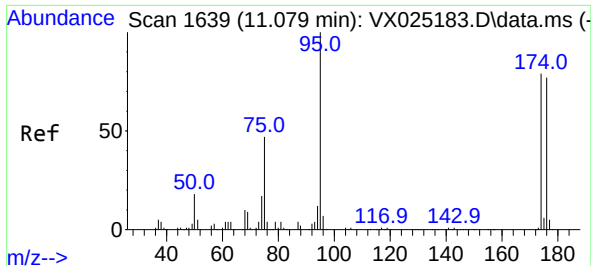
Tgt Ion:130 Resp: 1020
Ion Ratio Lower Upper
130 100
95 70.9 0.0 196.8



#50
Toluene-d8
Concen: 49.293 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX025329.D
Acq: 24 Nov 2021 16:12

Tgt Ion: 98 Resp: 230797
Ion Ratio Lower Upper
98 100
100 67.2 51.4 77.0

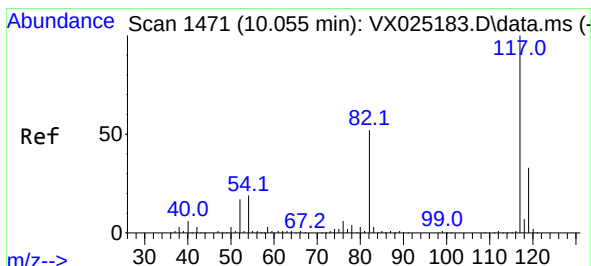
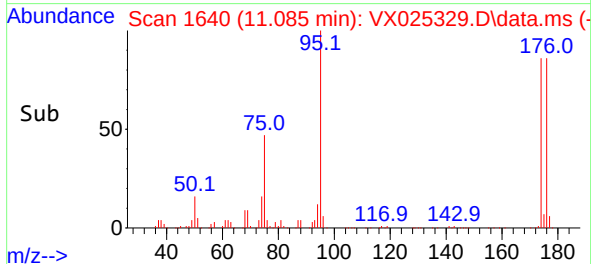
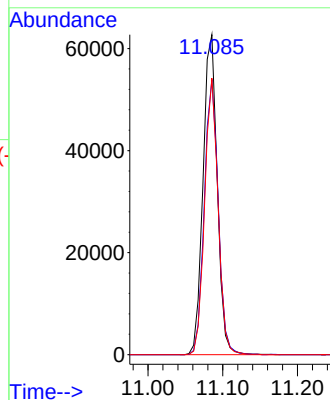
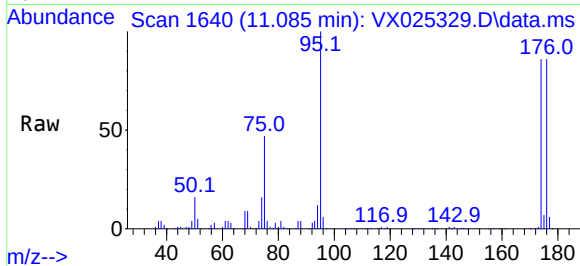




#62
4-Bromofluorobenzene
Concen: 46.740 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX025329.D
Acq: 24 Nov 2021 16:12

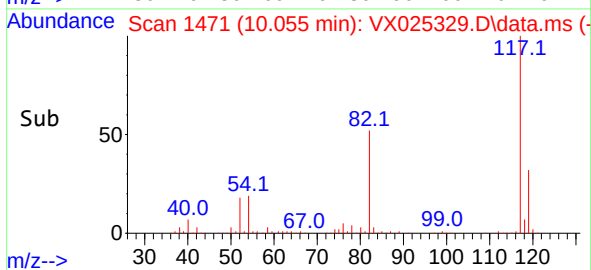
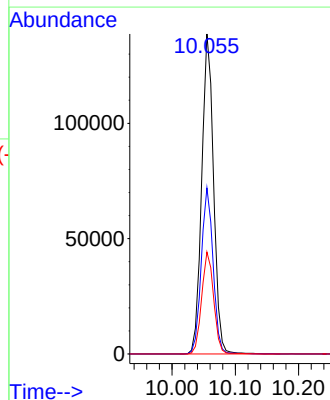
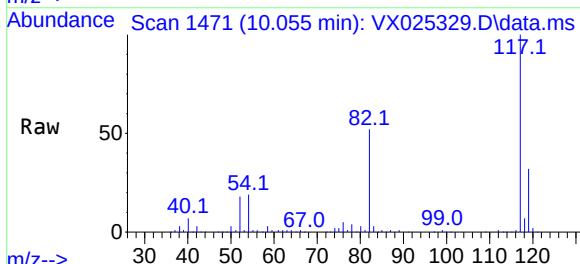
Instrument :
MSVOA_X
ClientSampleId :
RW-12D-20211118

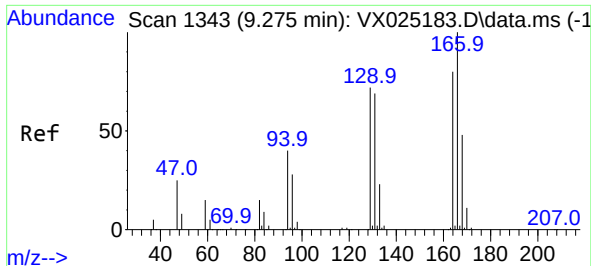
Tgt Ion: 95 Resp: 82790
Ion Ratio Lower Upper
95 100
174 84.2 0.0 158.0
176 81.9 0.0 153.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX025329.D
Acq: 24 Nov 2021 16:12

Tgt Ion: 117 Resp: 181462
Ion Ratio Lower Upper
117 100
82 51.9 44.6 67.0
119 31.9 24.8 37.2



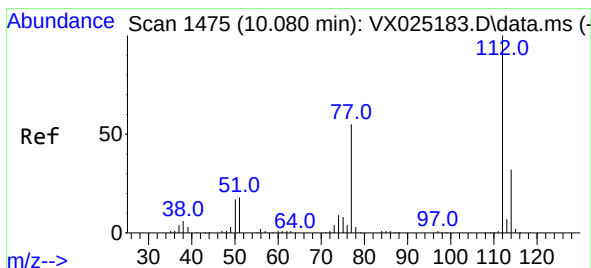
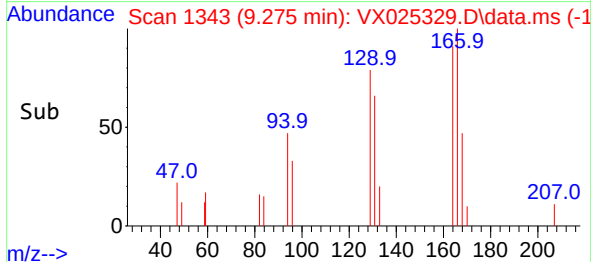
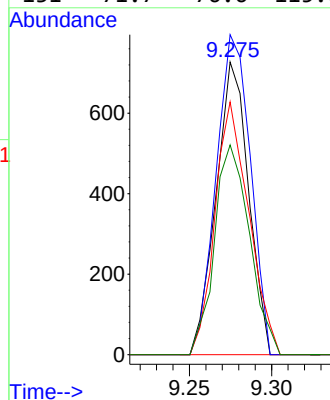
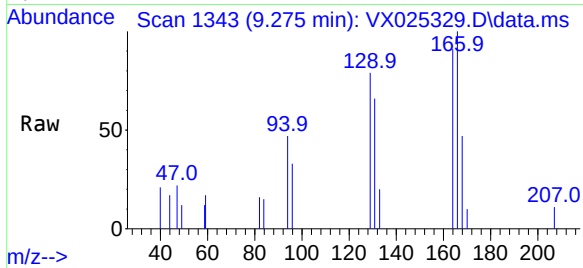


#64
Tetrachloroethene
Concen: 0.670 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025329.D
Acq: 24 Nov 2021 16:12

Instrument :
MSVOA_X
ClientSampleId :
RW-12D-20211118

Tgt Ion:164 Resp: 1002

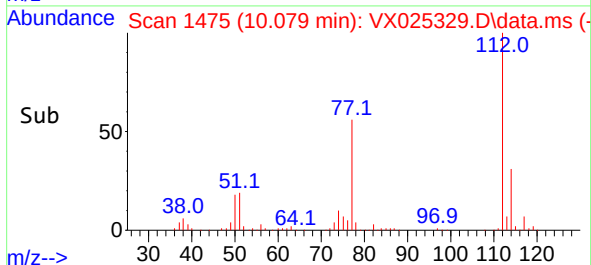
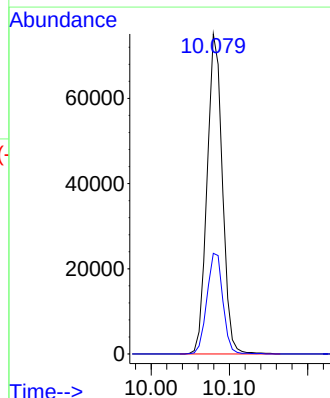
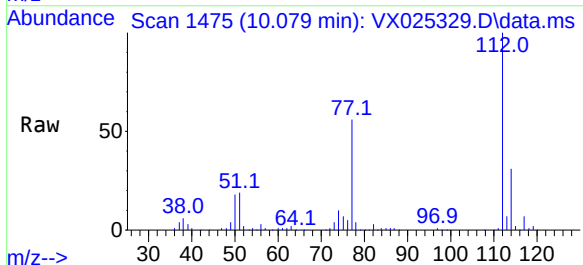
Ion	Ratio	Lower	Upper
164	100		
166	109.4	103.2	154.8
129	86.4	81.0	121.4
131	71.7	76.6	115.0

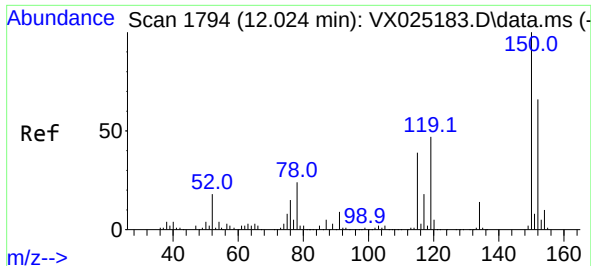


#65
Chlorobenzene
Concen: 27.475 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.001 min
Lab File: VX025329.D
Acq: 24 Nov 2021 16:12

Tgt Ion:112 Resp: 101600

Ion	Ratio	Lower	Upper
112	100		
114	31.4	25.8	38.6

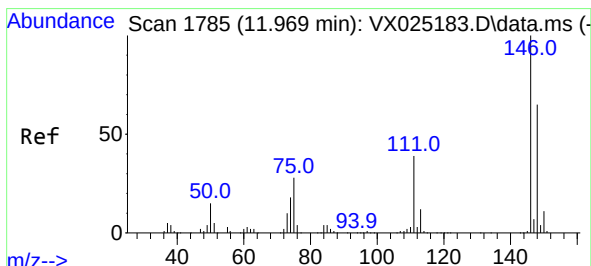
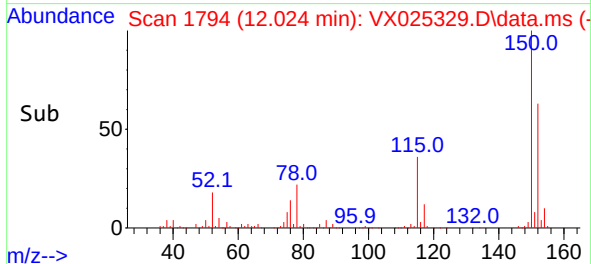
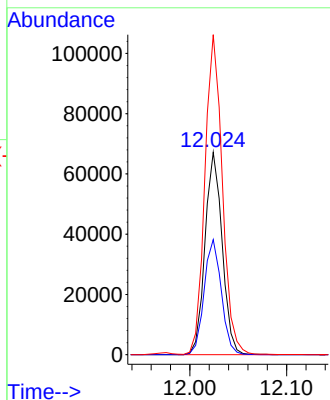
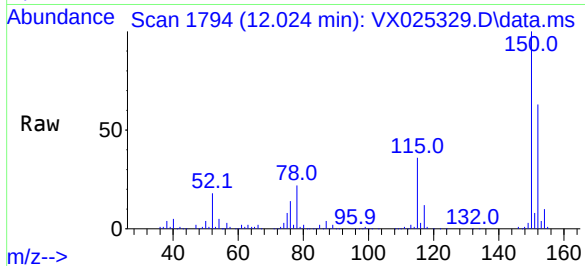




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX025329.D
Acq: 24 Nov 2021 16:12

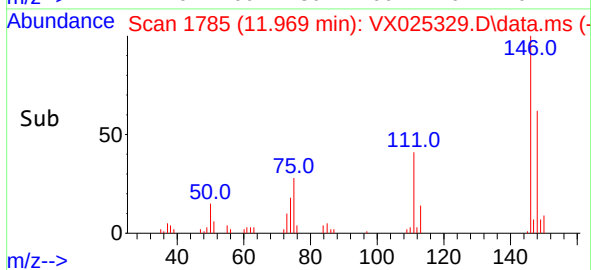
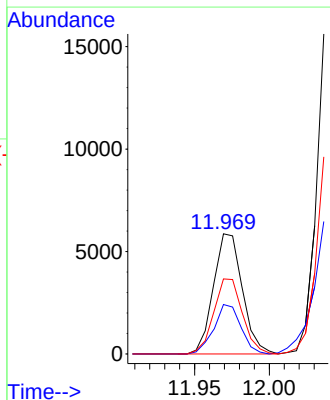
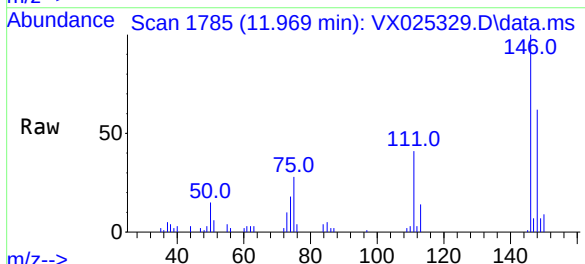
Instrument :
MSVOA_X
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RW-12D-20211118

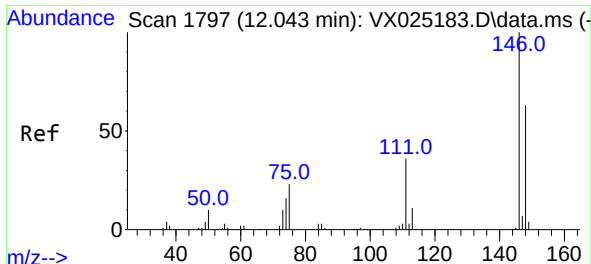
Tgt Ion:152 Resp: 82759
Ion Ratio Lower Upper
152 100
115 57.0 43.3 129.8
150 161.0 0.0 351.2



#87
1,3-Dichlorobenzene
Concen: 2.795 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX025329.D
Acq: 24 Nov 2021 16:12

Tgt Ion:146 Resp: 7892
Ion Ratio Lower Upper
146 100
111 38.4 20.6 61.9
148 62.0 32.0 96.2

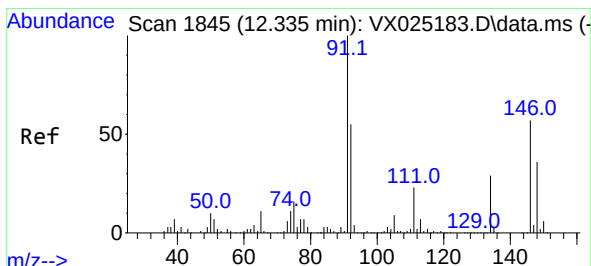
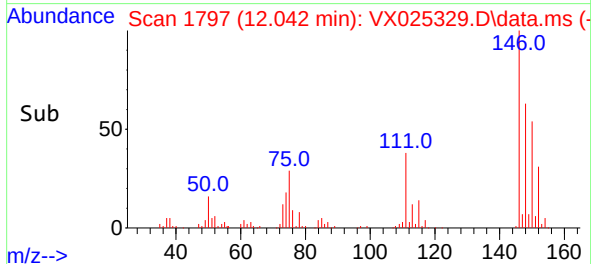
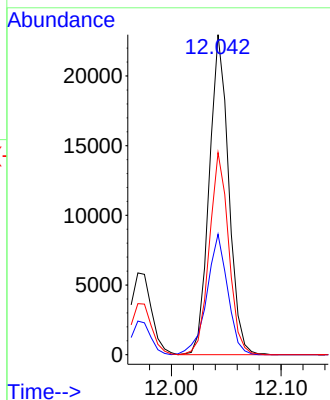
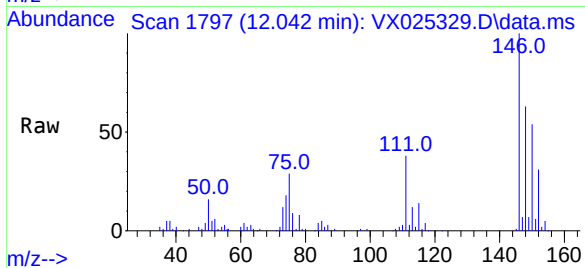




#88
1,4-Dichlorobenzene
Concen: 9.883 ug/l
RT: 12.042 min Scan# 11
Delta R.T. -0.001 min
Lab File: VX025329.D
Acq: 24 Nov 2021 16:12

Instrument :
MSVOA_X
ClientSampleId :
RW-12D-20211118

Tgt Ion:146 Resp: 28277
Ion Ratio Lower Upper
146 100
111 40.3 20.4 61.3
148 63.1 32.4 97.0



#91
1,2-Dichlorobenzene
Concen: 6.277 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX025329.D
Acq: 24 Nov 2021 16:12

Tgt Ion:146 Resp: 17274
Ion Ratio Lower Upper
146 100
111 40.2 21.2 63.6
148 62.3 32.1 96.5

