

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111722\
 Data File : VX032897.D
 Acq On : 17 Nov 2022 14:07
 Operator : JC/MD
 Sample : N5671-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW179D2-20221115

Quant Time: Nov 18 01:40:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

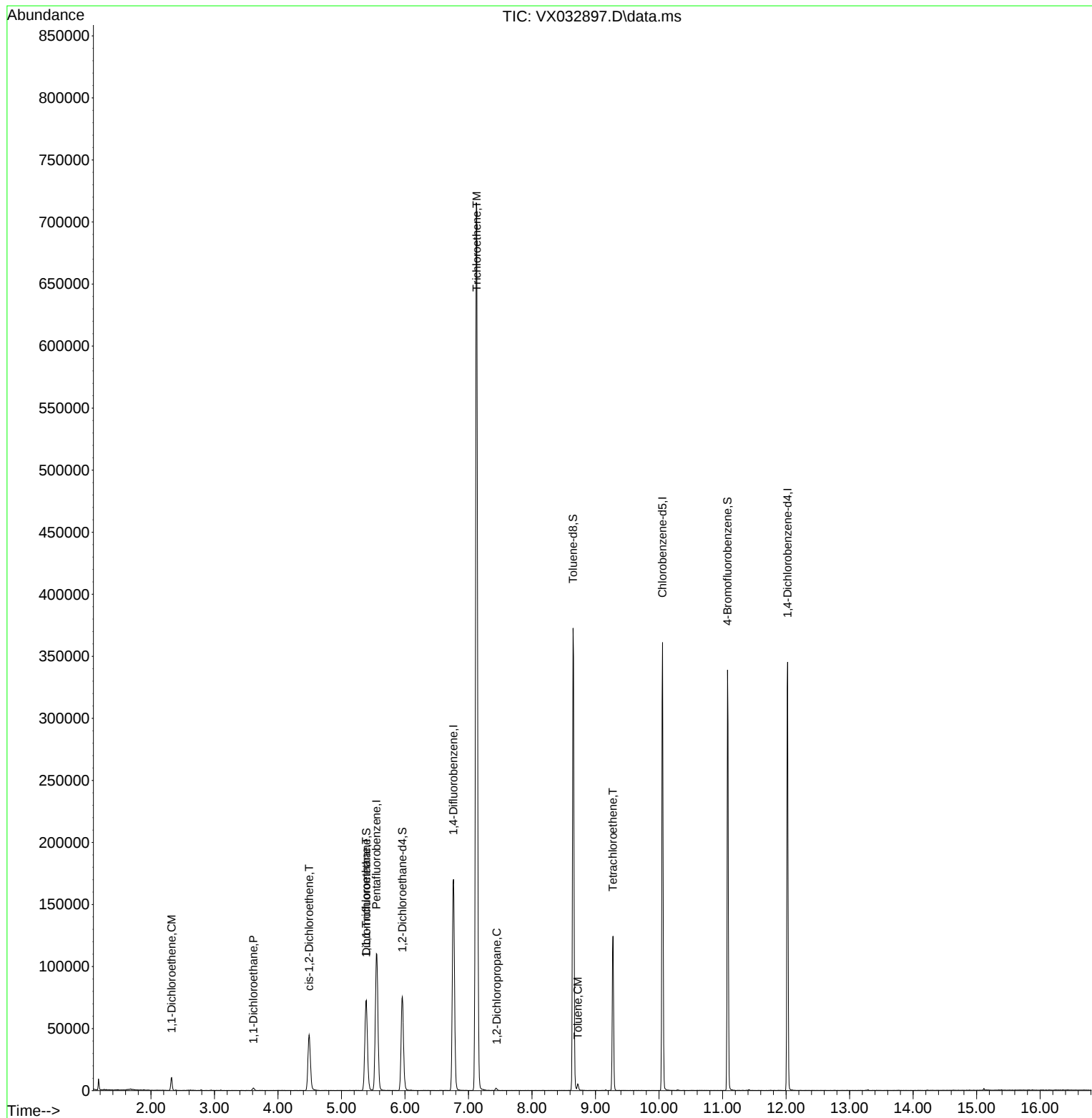
Internal Standards						
1) Pentafluorobenzene	5.550	168	107702	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	175932	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	157615	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	71679	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	76708	51.258	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.520%			
35) Dibromofluoromethane	5.391	113	61027	48.629	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.260%			
50) Toluene-d8	8.647	98	220064	50.430	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.860%			
62) 4-Bromofluorobenzene	11.079	95	84412	49.521	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.040%			
Target Compounds					Qvalue	
12) 1,1-Dichloroethene	2.325	96	3473	3.215	ug/l	97
24) 1,1-Dichloroethane	3.611	63	2359	1.101	ug/l #	93
27) cis-1,2-Dichloroethene	4.489	96	28864	21.240	ug/l	89
32) 1,1,1-Trichloroethane	5.385	97	1577	0.748	ug/l #	51
44) Trichloroethene	7.129	130	274986	197.527	ug/l	99
45) 1,2-Dichloropropane	7.446	63	837	0.659	ug/l	92
52) Toluene	8.720	92	1810	0.561	ug/l	87
64) Tetrachloroethene	9.274	164	22923	19.870	ug/l	97

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

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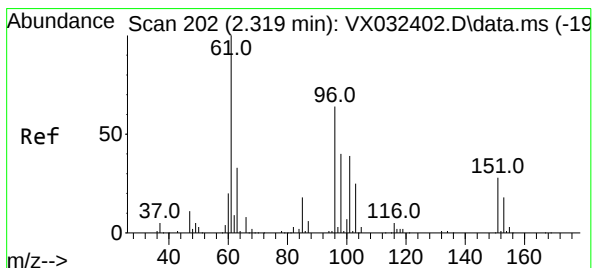
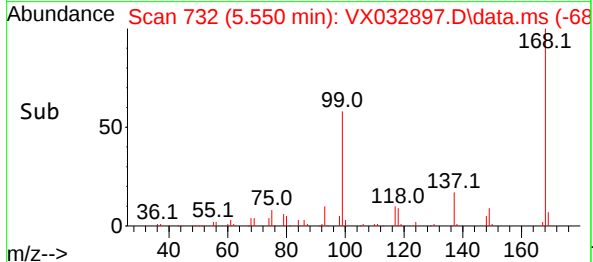
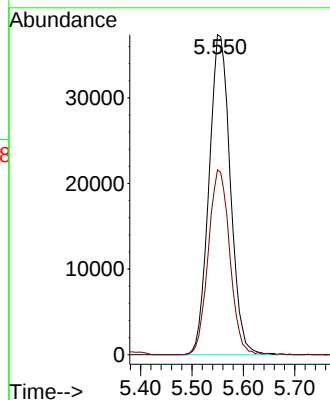
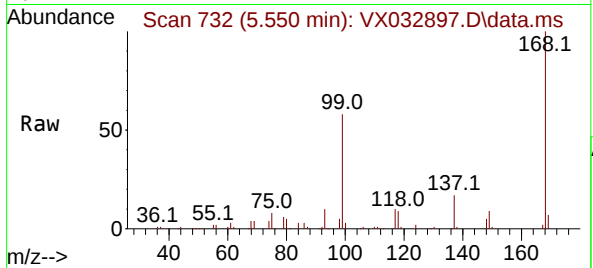




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032897.D
Acq: 17 Nov 2022 14:07

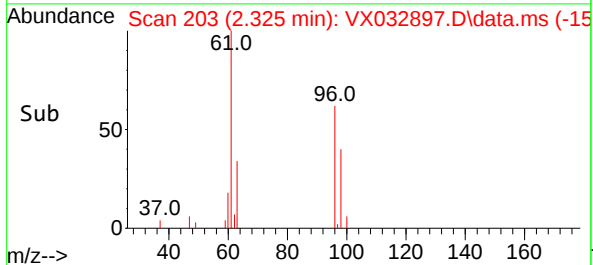
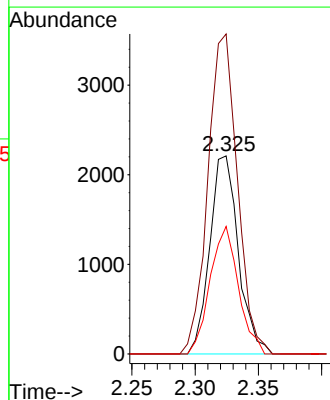
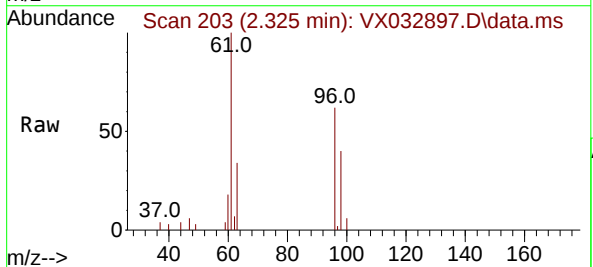
Instrument :
MSVOA_X
ClientSampleId :
MW179D2-20221115

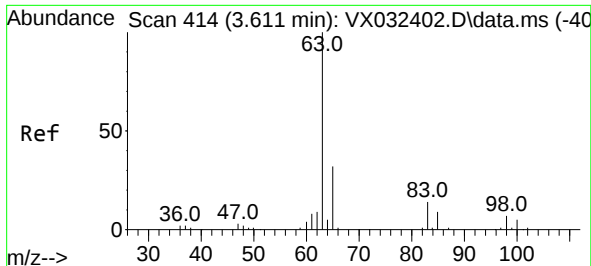
Tgt Ion:168 Resp: 107702
Ion Ratio Lower Upper
168 100
99 57.8 46.1 69.1



#12
1,1-Dichloroethene
Concen: 3.215 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX032897.D
Acq: 17 Nov 2022 14:07

Tgt Ion: 96 Resp: 3473
Ion Ratio Lower Upper
96 100
61 161.5 125.1 187.7
98 64.4 50.6 76.0

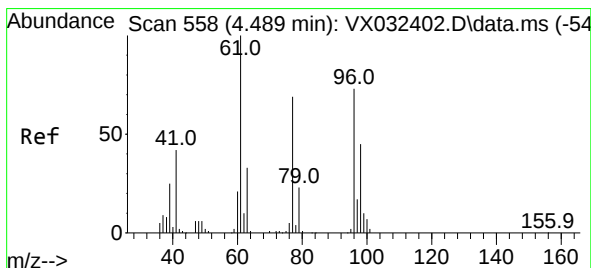
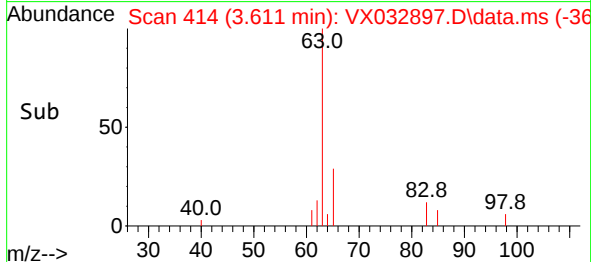
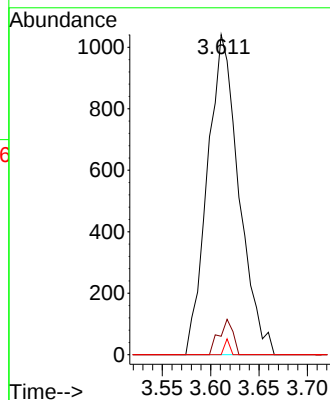
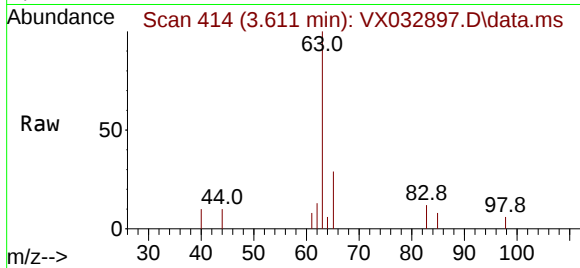




#24
1,1-Dichloroethane
Concen: 1.101 ug/l
RT: 3.611 min Scan# 414
Delta R.T. -0.000 min
Lab File: VX032897.D
Acq: 17 Nov 2022 14:07

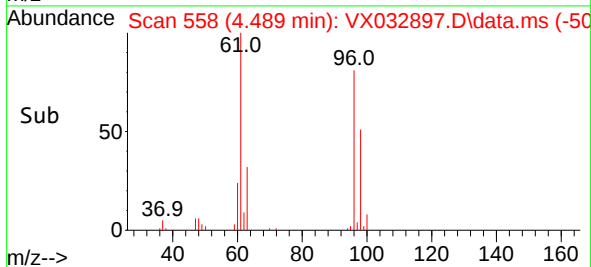
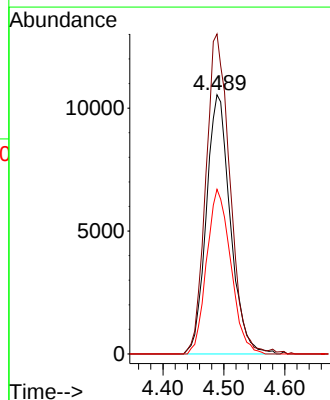
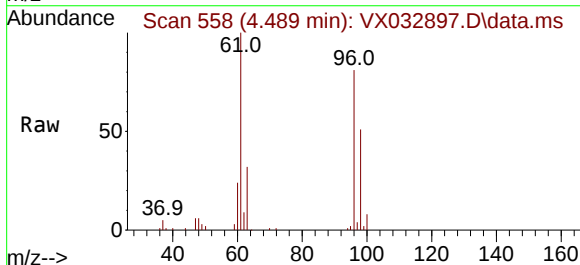
Instrument :
MSVOA_X
ClientSampleId :
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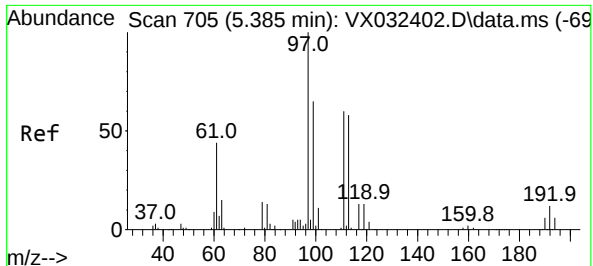
Tgt Ion: 63 Resp: 2359
Ion Ratio Lower Upper
63 100
98 5.8 3.5 10.4
100 0.0 2.3 6.8#



#27
cis-1,2-Dichloroethene
Concen: 21.240 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX032897.D
Acq: 17 Nov 2022 14:07

Tgt Ion: 96 Resp: 28864
Ion Ratio Lower Upper
96 100
61 124.0 0.0 286.0
98 63.8 0.0 129.6

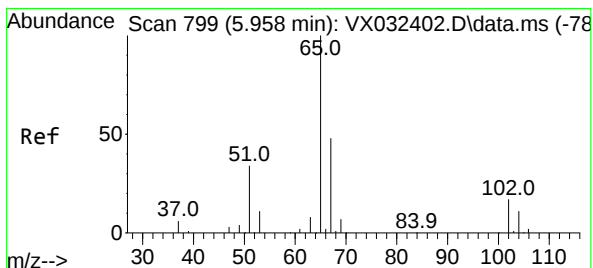
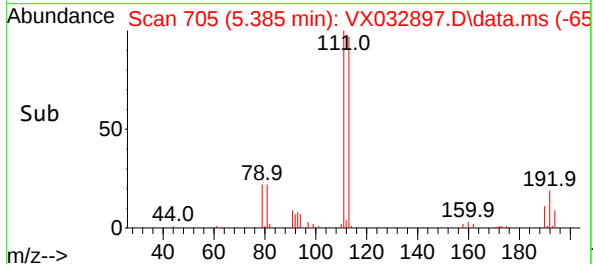
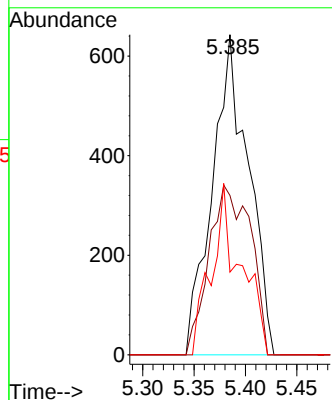
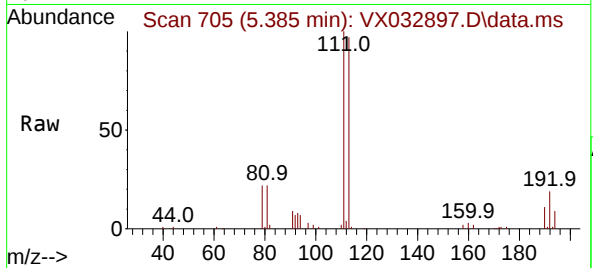




#32
1,1,1-Trichloroethane
Concen: 0.748 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX032897.D
Acq: 17 Nov 2022 14:07

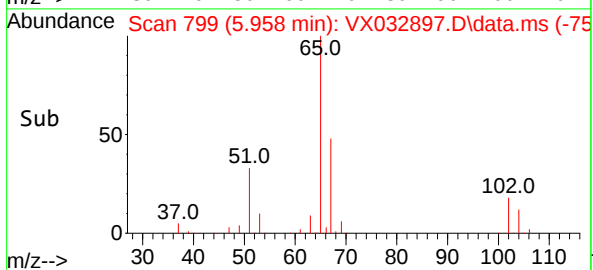
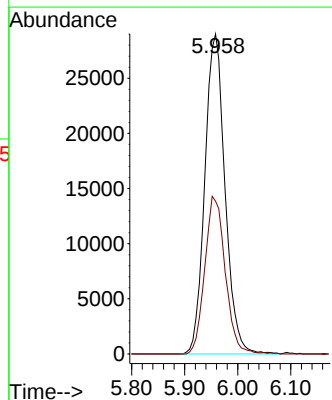
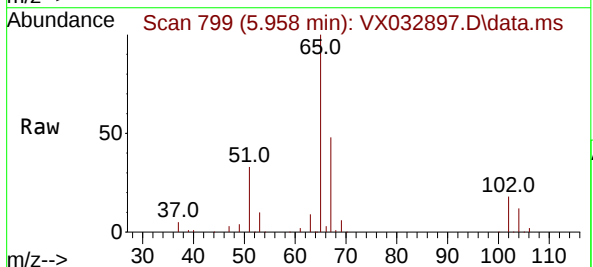
Instrument :
MSVOA_X
ClientSampleId :
MW179D2-20221115

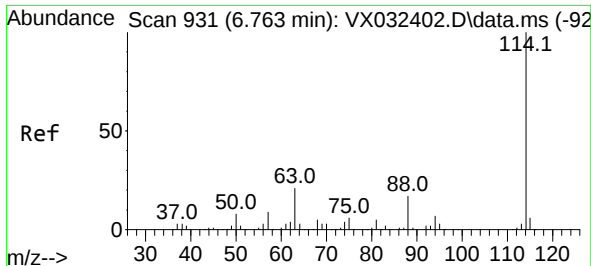
Tgt Ion: 97 Resp: 1577
Ion Ratio Lower Upper
97 100
99 0.0 51.4 77.0#
61 43.4 35.2 52.8



#33
1,2-Dichloroethane-d4
Concen: 51.258 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX032897.D
Acq: 17 Nov 2022 14:07

Tgt Ion: 65 Resp: 76708
Ion Ratio Lower Upper
65 100
67 49.9 0.0 101.8

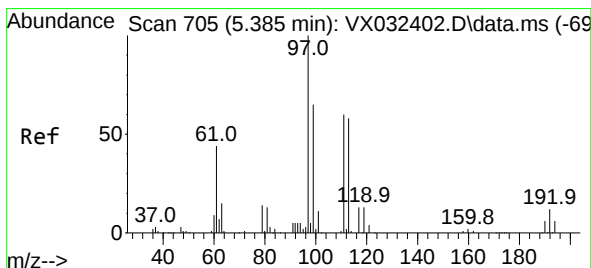
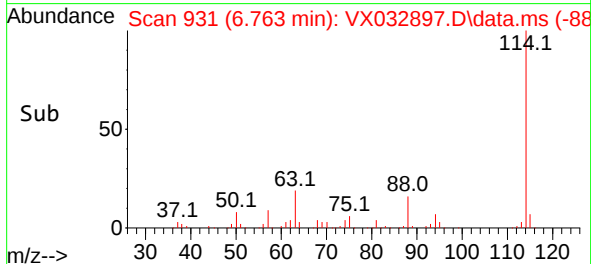
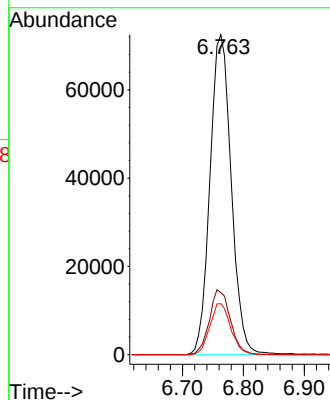
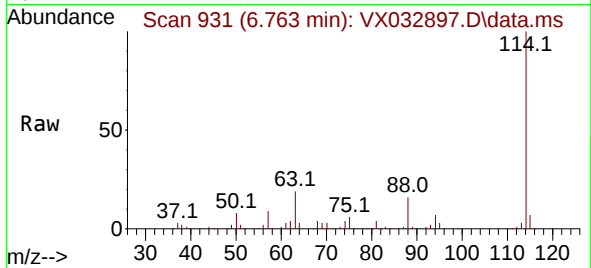




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX032897.D
Acq: 17 Nov 2022 14:07

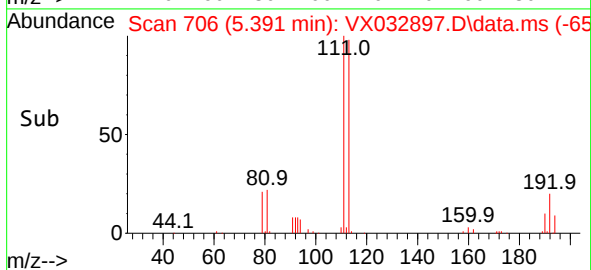
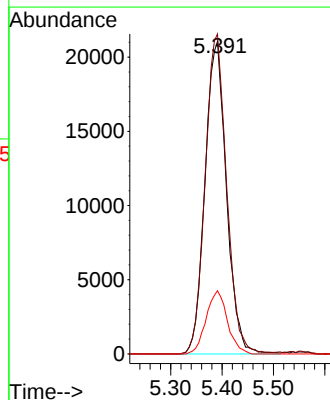
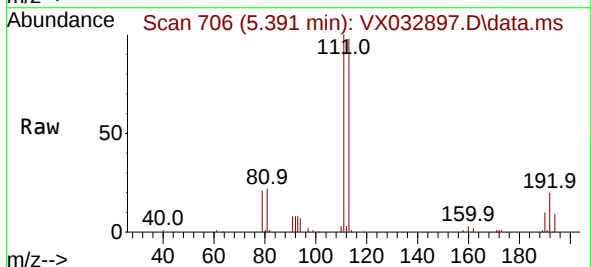
Instrument :
MSVOA_X
ClientSampleId :
MW179D2-20221115

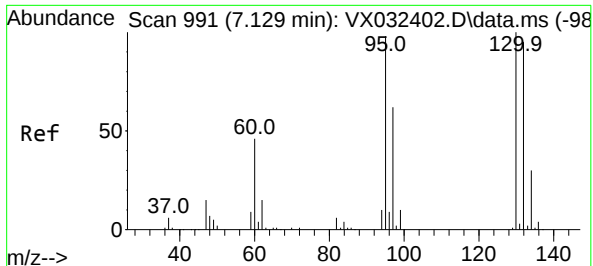
Tgt Ion:114 Resp: 175932
Ion Ratio Lower Upper
114 100
63 19.4 0.0 41.6
88 16.0 0.0 33.4



#35
Dibromofluoromethane
Concen: 48.629 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX032897.D
Acq: 17 Nov 2022 14:07

Tgt Ion:113 Resp: 61027
Ion Ratio Lower Upper
113 100
111 102.4 82.4 123.6
192 20.0 15.4 23.2

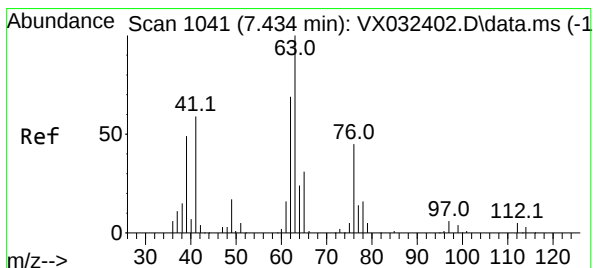
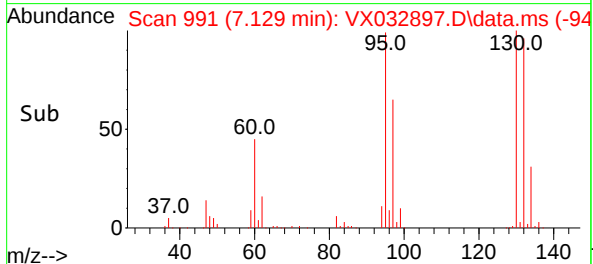
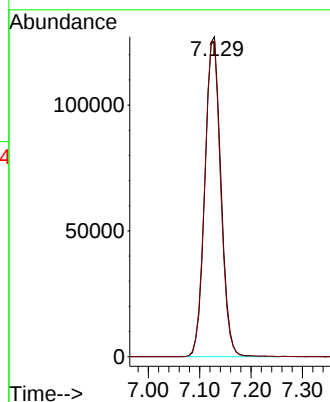
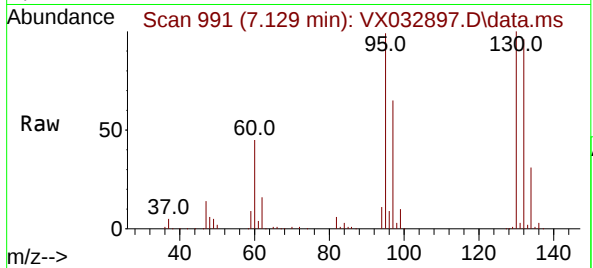




#44
Trichloroethene
Concen: 197.527 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX032897.D
Acq: 17 Nov 2022 14:07

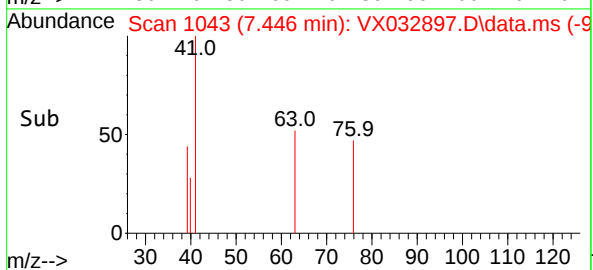
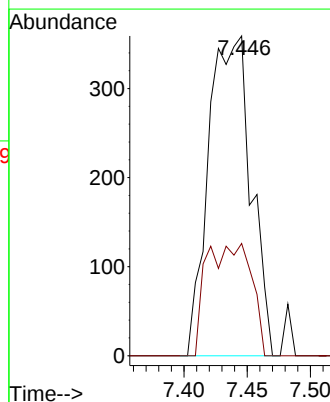
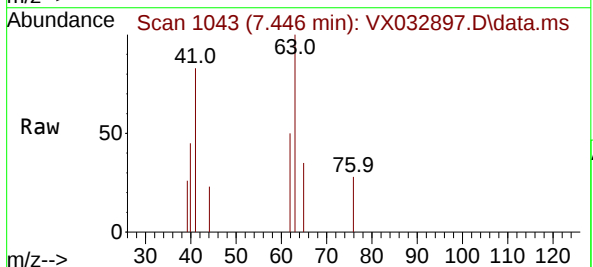
Instrument :
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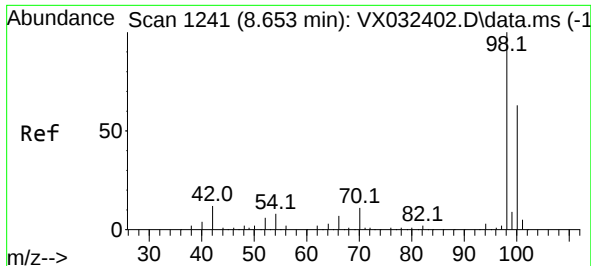
Tgt Ion:130 Resp: 274986
Ion Ratio Lower Upper
130 100
95 98.6 0.0 195.2



#45
1,2-Dichloropropane
Concen: 0.659 ug/l
RT: 7.446 min Scan# 1043
Delta R.T. 0.012 min
Lab File: VX032897.D
Acq: 17 Nov 2022 14:07

Tgt Ion: 63 Resp: 837
Ion Ratio Lower Upper
63 100
65 35.1 24.6 36.8

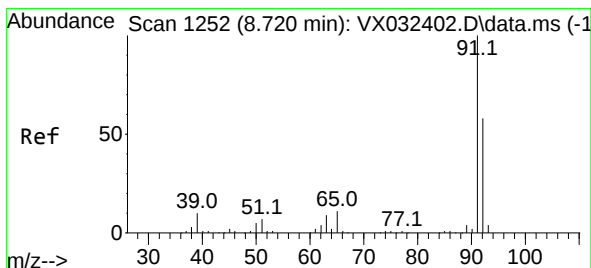
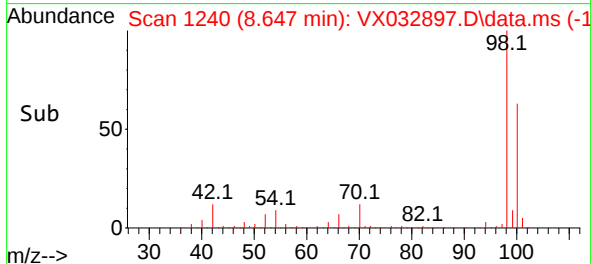
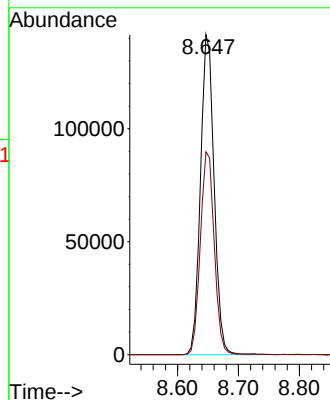
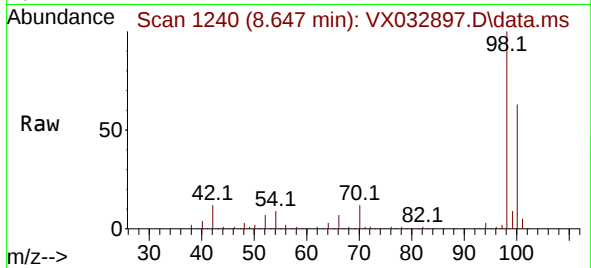




#50
Toluene-d8
Concen: 50.430 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032897.D
Acq: 17 Nov 2022 14:07

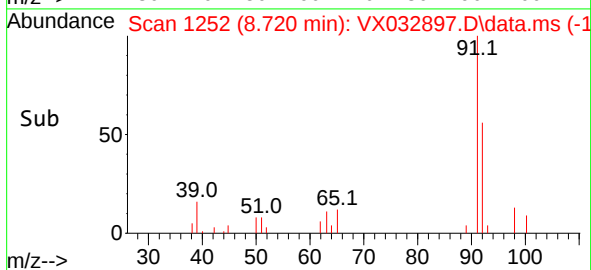
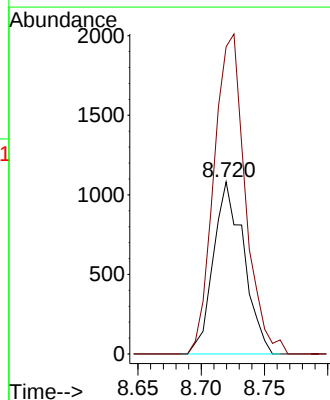
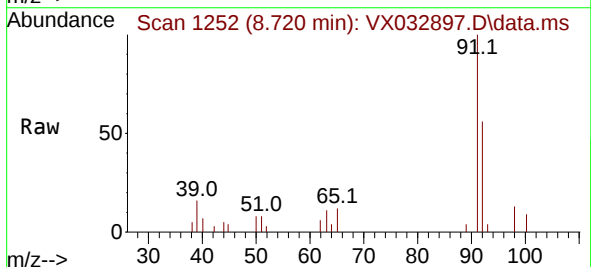
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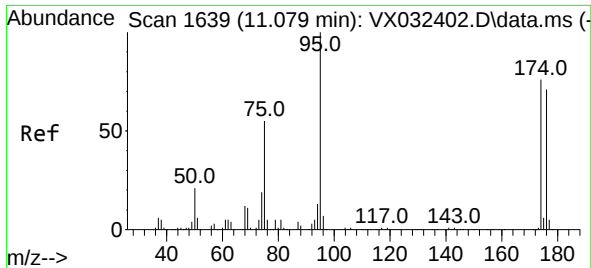
Tgt Ion: 98 Resp: 220064
Ion Ratio Lower Upper
98 100
100 64.7 50.9 76.3



#52
Toluene
Concen: 0.561 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX032897.D
Acq: 17 Nov 2022 14:07

Tgt Ion: 92 Resp: 1810
Ion Ratio Lower Upper
92 100
91 191.5 138.3 207.5

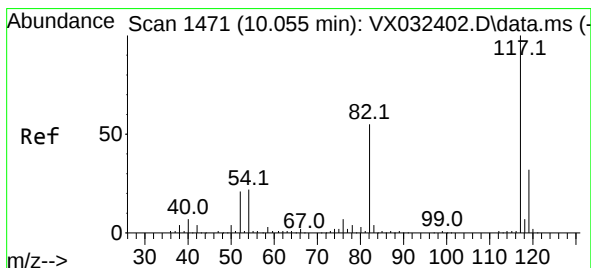
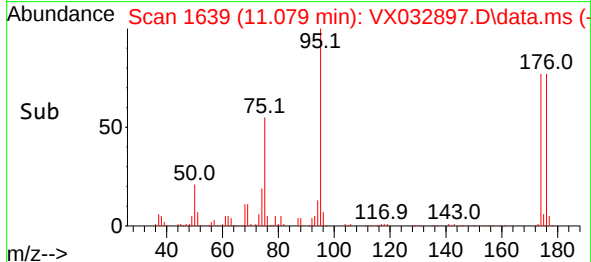
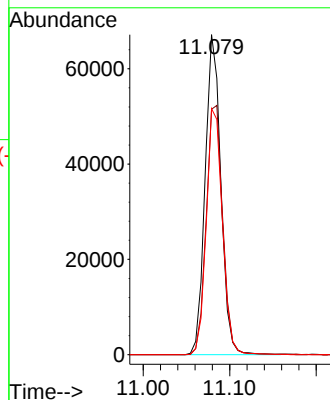
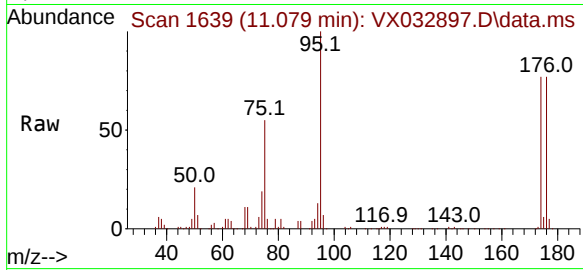




#62
4-Bromofluorobenzene
Concen: 49.521 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX032897.D
Acq: 17 Nov 2022 14:07

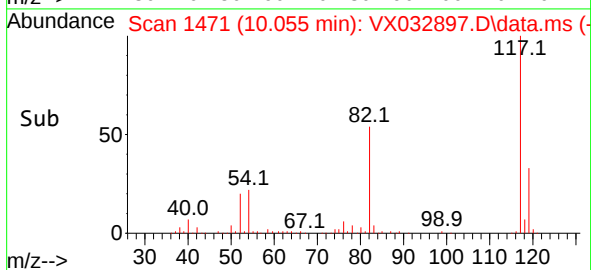
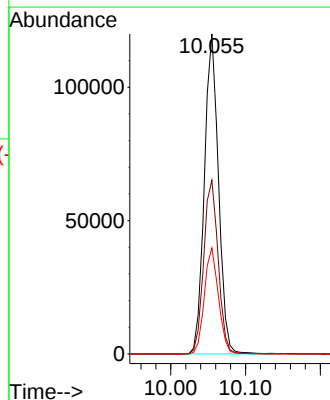
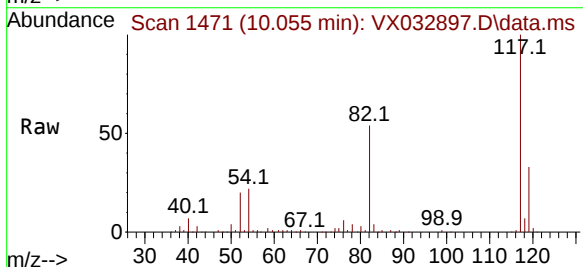
Instrument :
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MW179D2-20221115

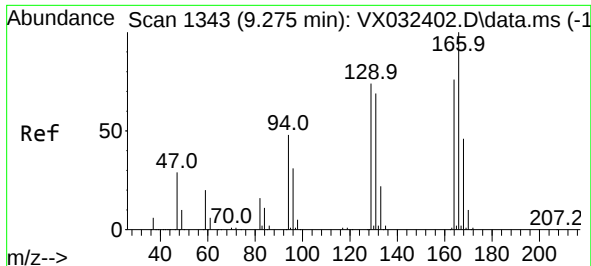
Tgt Ion: 95 Resp: 84412
Ion Ratio Lower Upper
95 100
174 82.3 0.0 164.0
176 79.1 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032897.D
Acq: 17 Nov 2022 14:07

Tgt Ion: 117 Resp: 157615
Ion Ratio Lower Upper
117 100
82 54.3 44.3 66.5
119 33.1 25.7 38.5



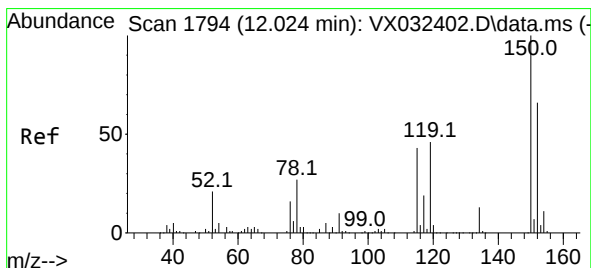
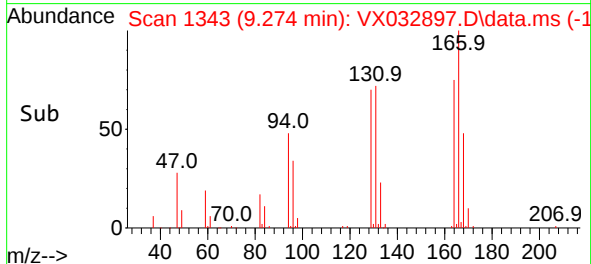
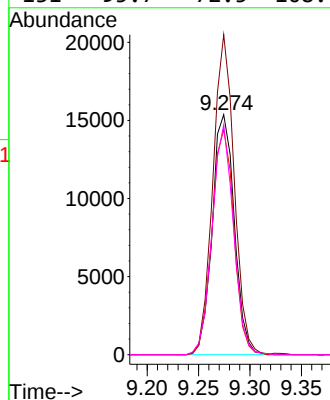
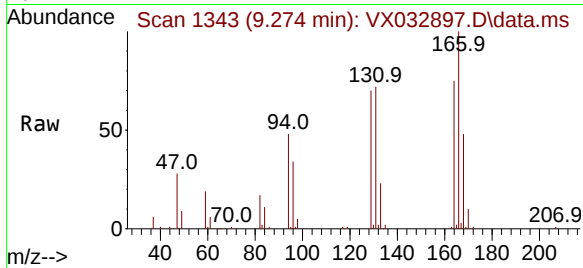


#64
Tetrachloroethene
Concen: 19.870 ug/l
RT: 9.274 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032897.D
Acq: 17 Nov 2022 14:07

Instrument :
MSVOA_X
ClientSampleId :
MW179D2-20221115

Tgt Ion:164 Resp: 22923

Ion	Ratio	Lower	Upper
164	100		
166	133.3	105.4	158.2
129	93.7	78.2	117.2
131	95.7	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: VX032897.D
Acq: 17 Nov 2022 14:07

Tgt Ion:152 Resp: 71679

Ion	Ratio	Lower	Upper
152	100		
115	60.1	44.0	132.0
150	156.3	0.0	351.8

