

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111722\
 Data File : VX032896.D
 Acq On : 17 Nov 2022 13:44
 Operator : JC/MD
 Sample : N5671-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW179D1-20221115

Quant Time: Nov 18 01:40:39 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)

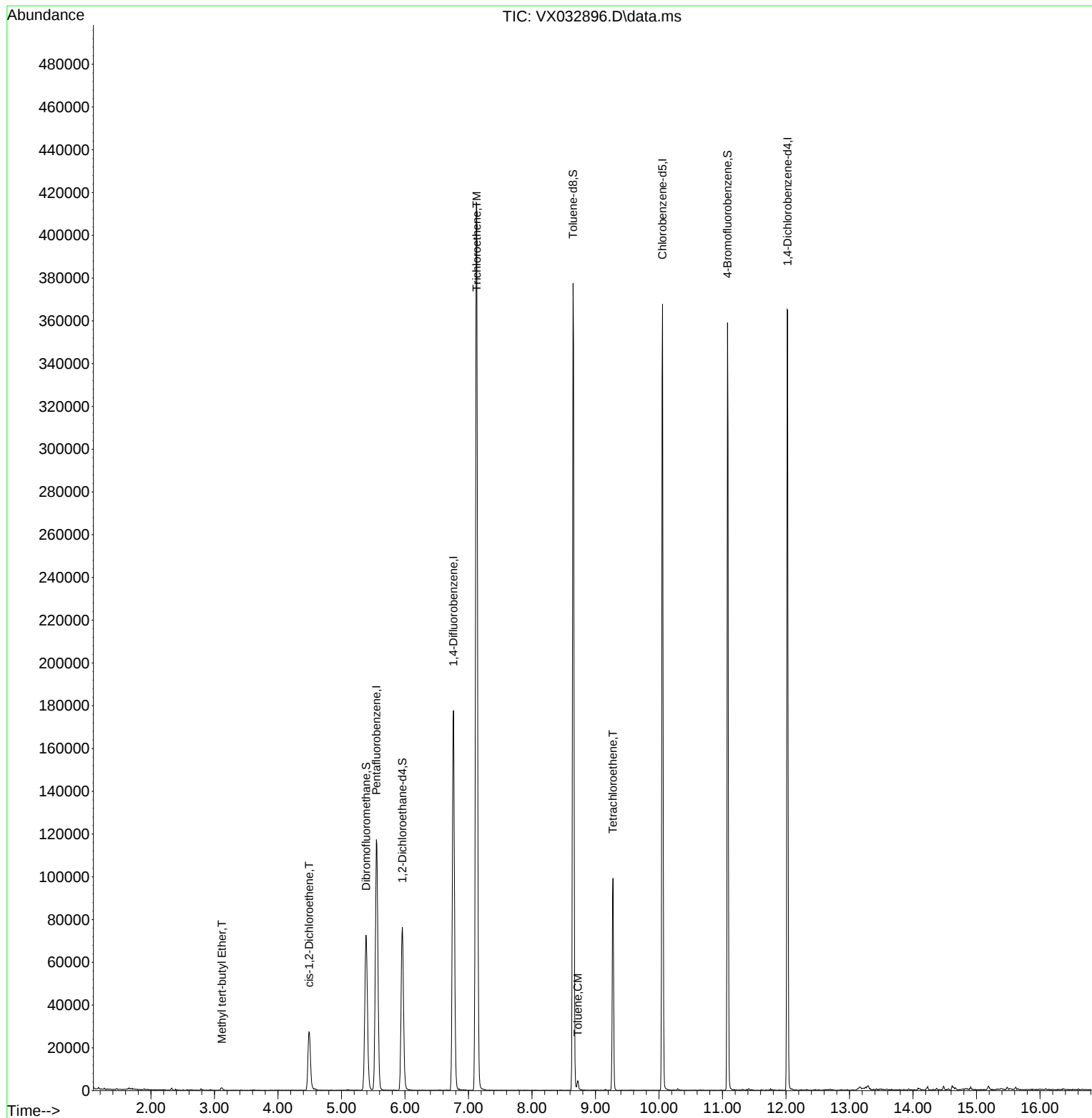
Internal Standards						
1) Pentafluorobenzene	5.550	168	109974	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	181186	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	164320	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	76897	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	77171	50.503	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.000%
35) Dibromofluoromethane	5.385	113	63158	48.868	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.740%
50) Toluene-d8	8.647	98	225667	50.215	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.420%
62) 4-Bromofluorobenzene	11.079	95	88172	50.227	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.460%
Target Compounds						
					Qvalue	
19) Methyl tert-butyl Ether	3.117	73	1417	0.366	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	18396	13.257	ug/l	87
44) Trichloroethene	7.129	130	162629	113.432	ug/l	100
52) Toluene	8.720	92	1808	0.544	ug/l	100
64) Tetrachloroethene	9.275	164	17678	14.699	ug/l	96

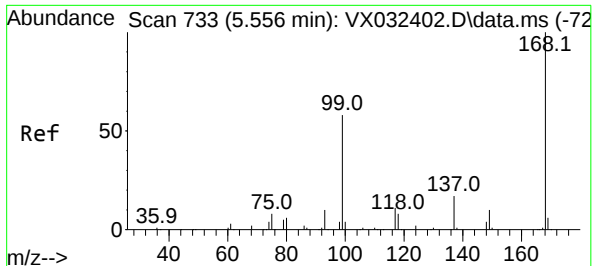
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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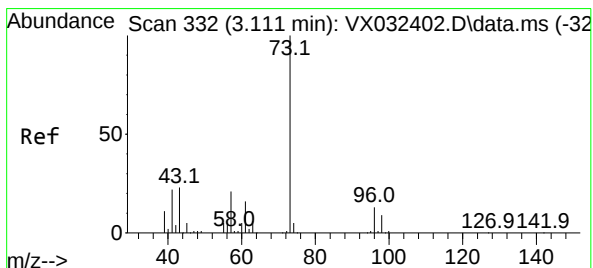
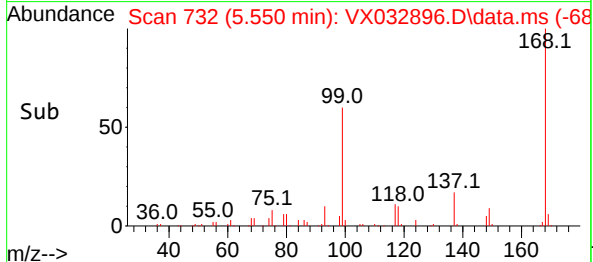
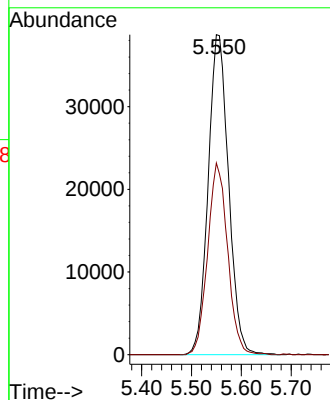
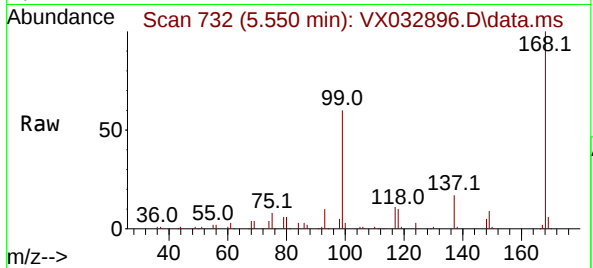




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032896.D
Acq: 17 Nov 2022 13:44

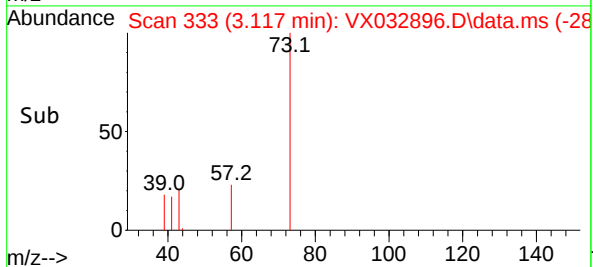
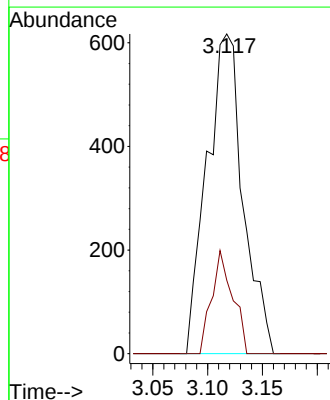
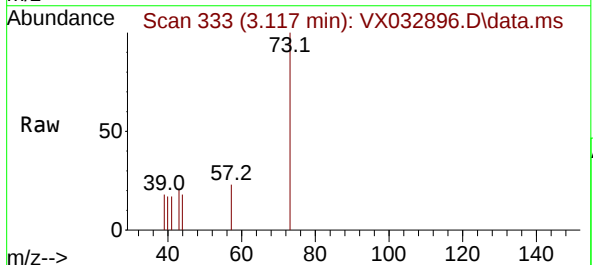
Instrument :
MSVOA_X
ClientSampleId :
MW179D1-20221115

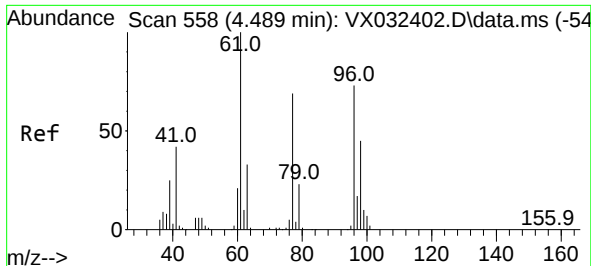
Tgt Ion:168 Resp: 109974
Ion Ratio Lower Upper
168 100
99 59.9 46.1 69.1



#19
Methyl tert-butyl Ether
Concen: 0.366 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX032896.D
Acq: 17 Nov 2022 13:44

Tgt Ion: 73 Resp: 1417
Ion Ratio Lower Upper
73 100
57 23.0 16.6 25.0

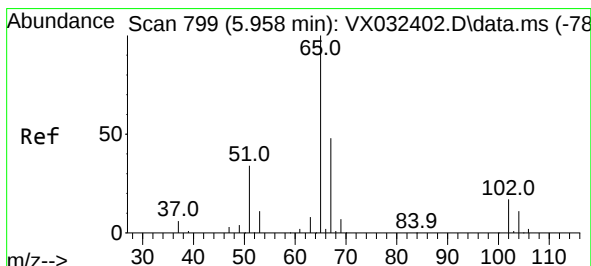
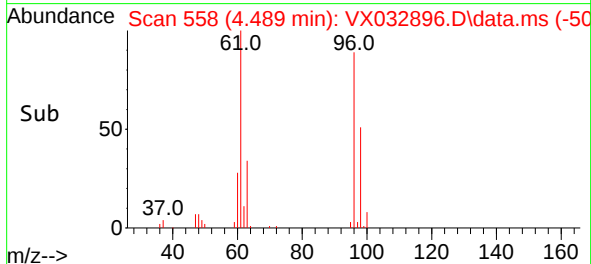
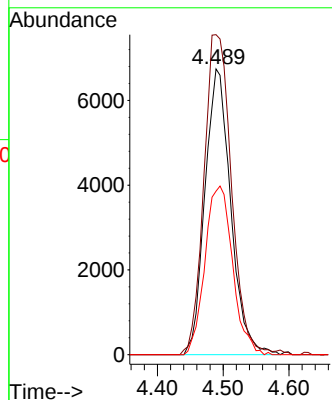
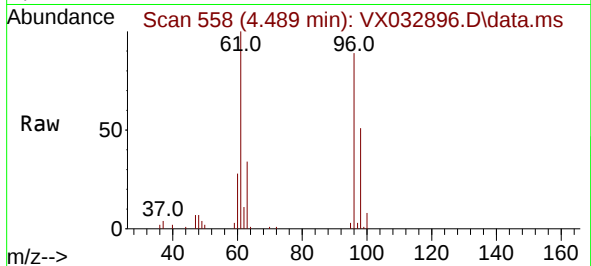




#27
 cis-1,2-Dichloroethene
 Concen: 13.257 ug/l
 RT: 4.489 min Scan# 511
 Delta R.T. 0.000 min
 Lab File: VX032896.D
 Acq: 17 Nov 2022 13:44

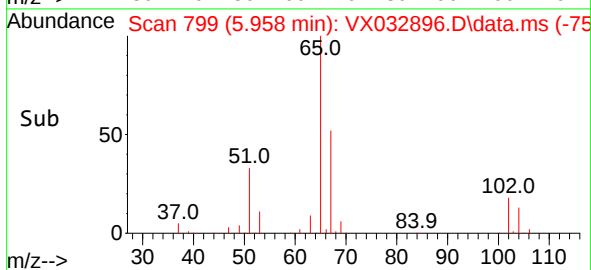
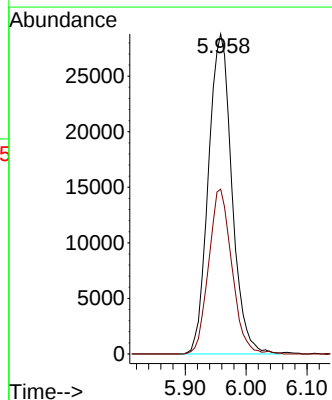
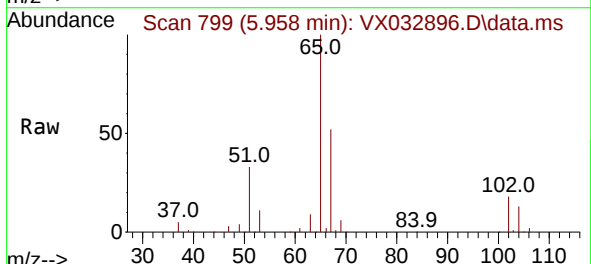
Instrument :
 MSVOA_X
 ClientSampleId :
 MW179D1-20221115

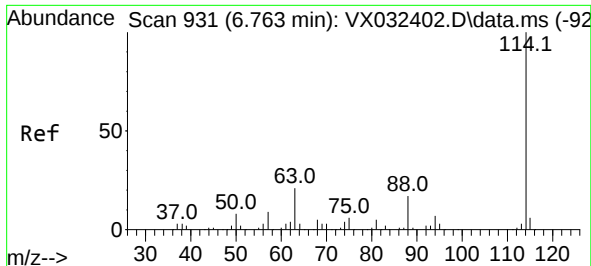
Tgt Ion: 96 Resp: 18396
 Ion Ratio Lower Upper
 96 100
 61 119.9 0.0 286.0
 98 63.3 0.0 129.6



#33
 1,2-Dichloroethane-d4
 Concen: 50.503 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX032896.D
 Acq: 17 Nov 2022 13:44

Tgt Ion: 65 Resp: 77171
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 101.8

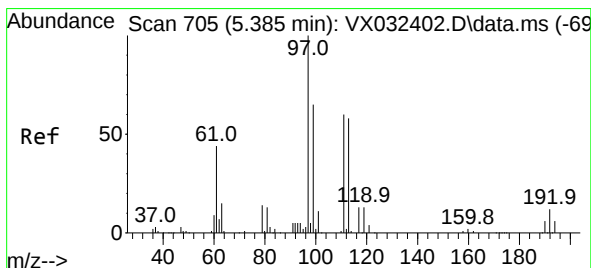
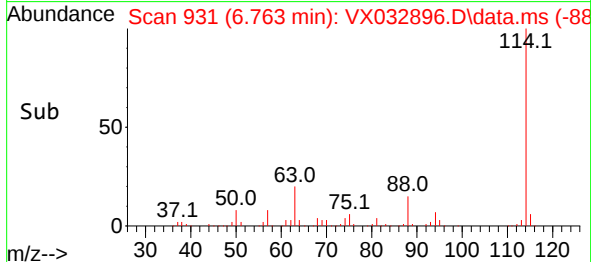
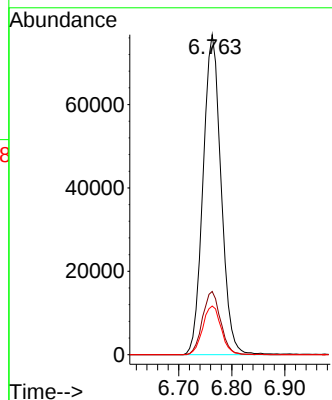
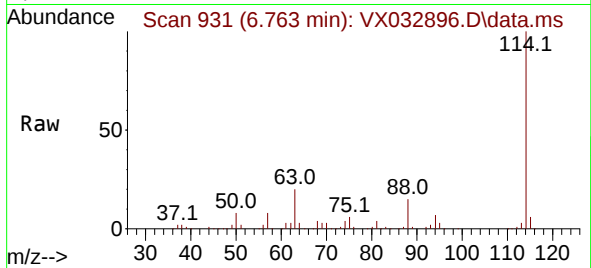




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX032896.D
Acq: 17 Nov 2022 13:44

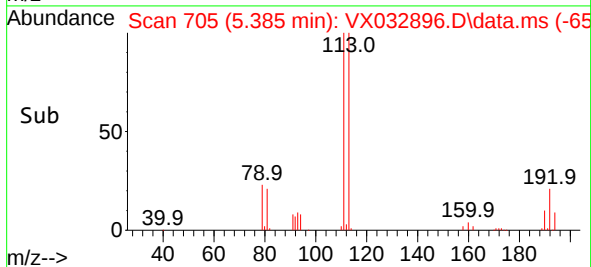
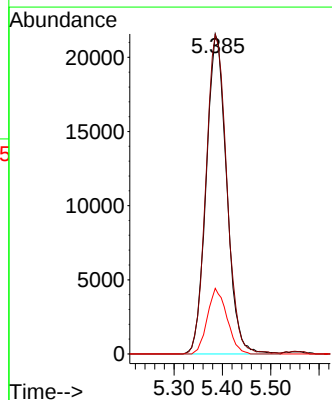
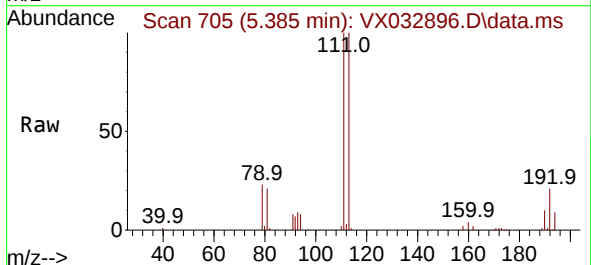
Instrument :
MSVOA_X
ClientSampleId :
MW179D1-20221115

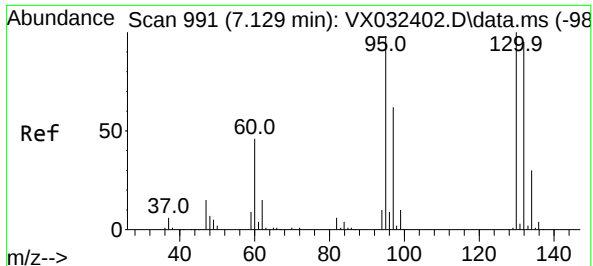
Tgt Ion:114 Resp: 181186
Ion Ratio Lower Upper
114 100
63 19.8 0.0 41.6
88 15.2 0.0 33.4



#35
Dibromofluoromethane
Concen: 48.868 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032896.D
Acq: 17 Nov 2022 13:44

Tgt Ion:113 Resp: 63158
Ion Ratio Lower Upper
113 100
111 101.9 82.4 123.6
192 19.7 15.4 23.2

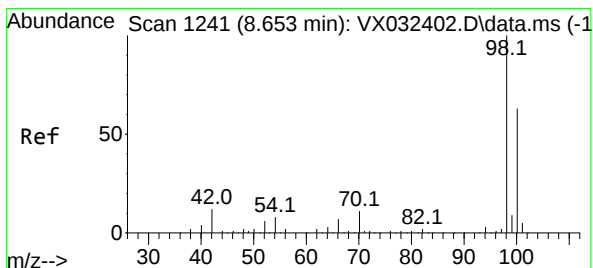
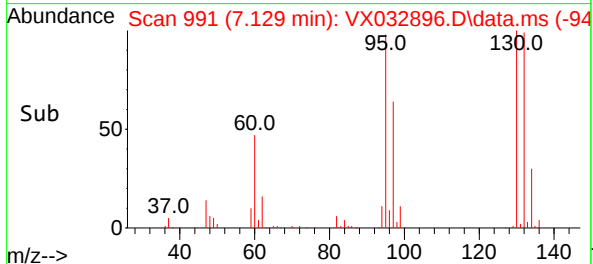
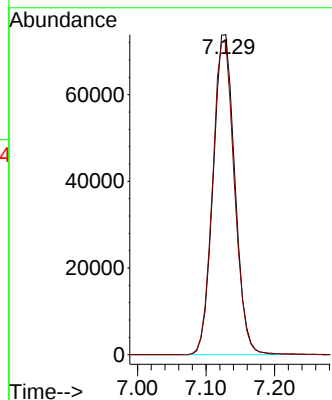
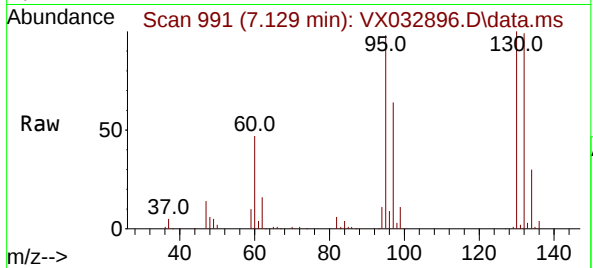




#44
Trichloroethene
Concen: 113.432 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX032896.D
Acq: 17 Nov 2022 13:44

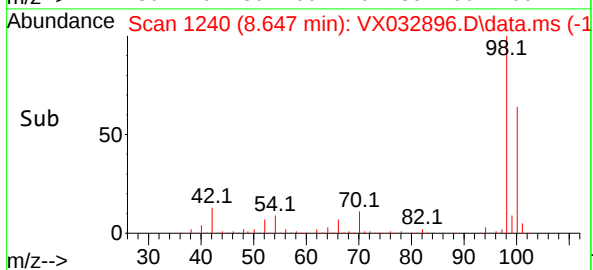
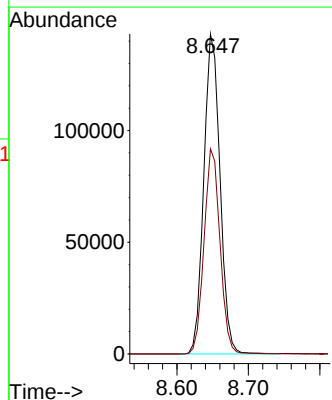
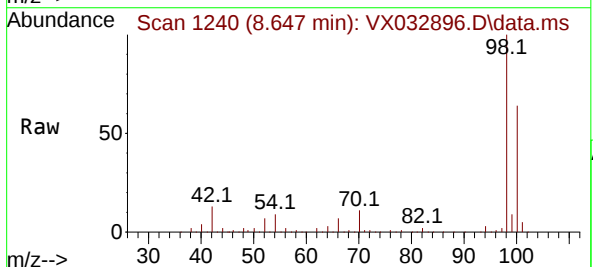
Instrument :
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ClientSampleId :
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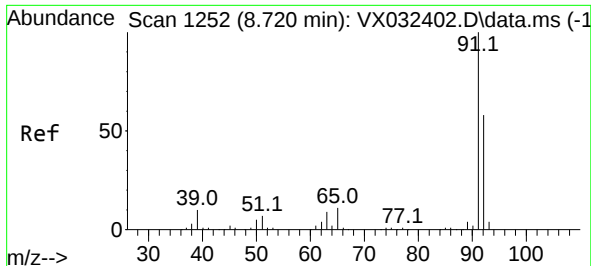
Tgt Ion:130 Resp: 162629
Ion Ratio Lower Upper
130 100
95 97.8 0.0 195.2



#50
Toluene-d8
Concen: 50.215 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032896.D
Acq: 17 Nov 2022 13:44

Tgt Ion: 98 Resp: 225667
Ion Ratio Lower Upper
98 100
100 63.2 50.9 76.3

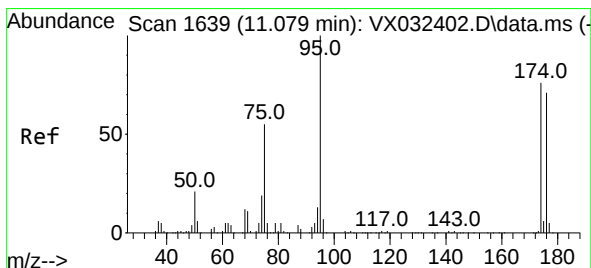
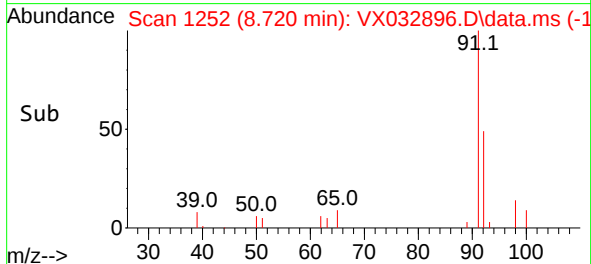
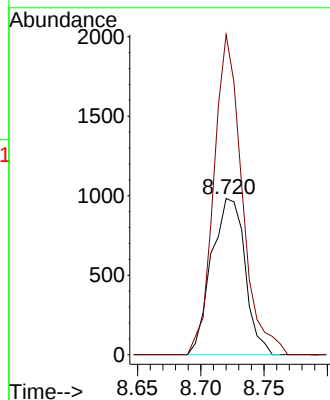
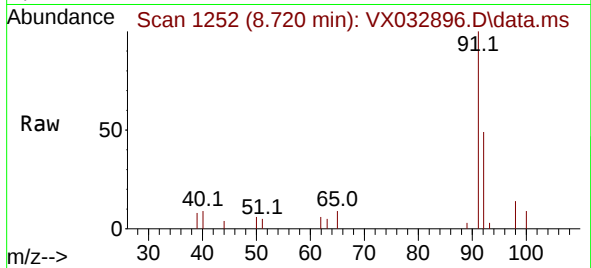




#52
Toluene
Concen: 0.544 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX032896.D
Acq: 17 Nov 2022 13:44

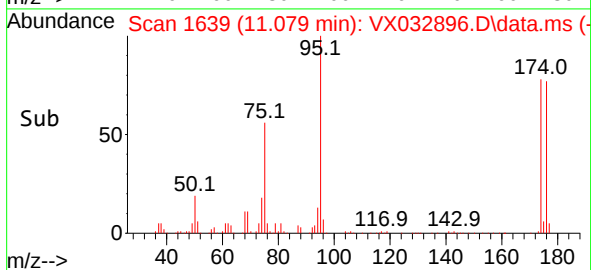
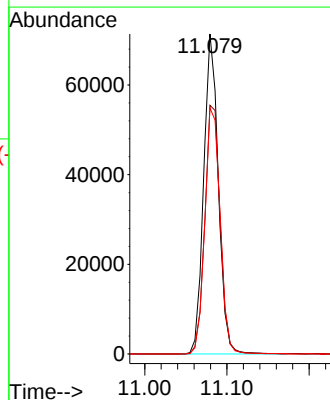
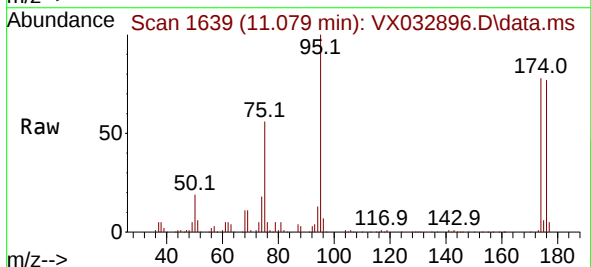
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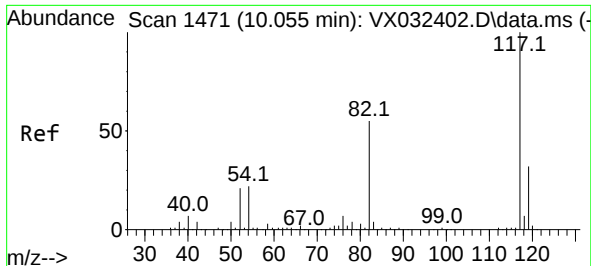
Tgt Ion: 92 Resp: 1808
Ion Ratio Lower Upper
92 100
91 172.8 138.3 207.5



#62
4-Bromofluorobenzene
Concen: 50.227 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032896.D
Acq: 17 Nov 2022 13:44

Tgt Ion: 95 Resp: 88172
Ion Ratio Lower Upper
95 100
174 81.7 0.0 164.0
176 80.4 0.0 154.4

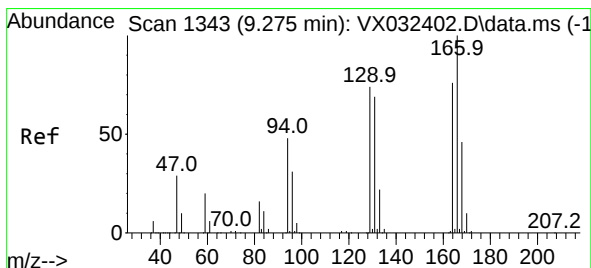
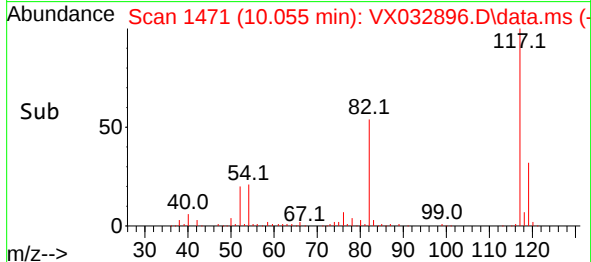
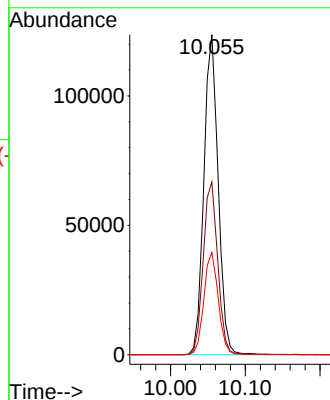
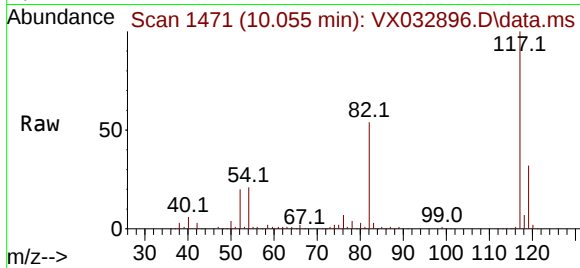




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032896.D
Acq: 17 Nov 2022 13:44

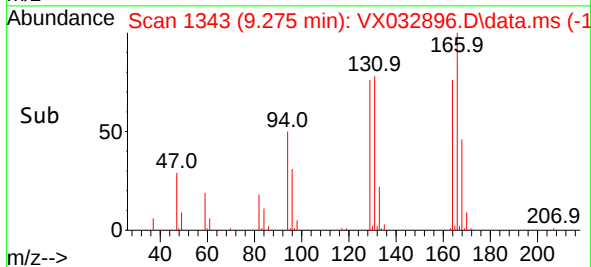
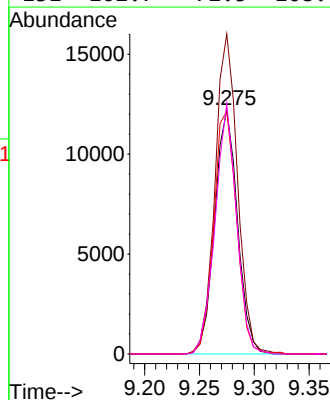
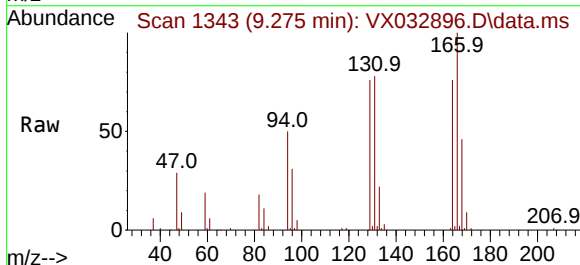
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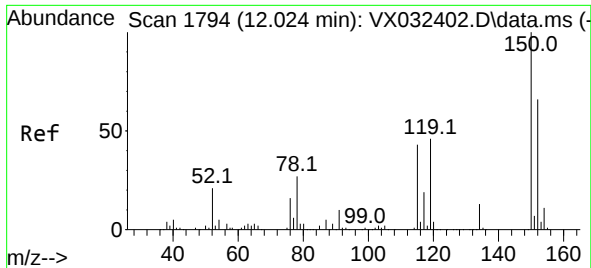
Tgt Ion:117 Resp: 164320
Ion Ratio Lower Upper
117 100
82 54.0 44.3 66.5
119 31.9 25.7 38.5



#64
Tetrachloroethene
Concen: 14.699 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX032896.D
Acq: 17 Nov 2022 13:44

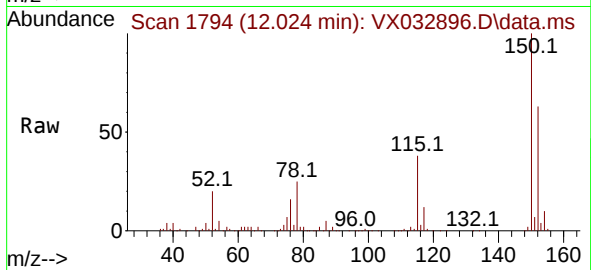
Tgt Ion:164 Resp: 17678
Ion Ratio Lower Upper
164 100
166 131.2 105.4 158.2
129 99.4 78.2 117.2
131 102.7 72.5 108.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX032896.D
 Acq: 17 Nov 2022 13:44

Instrument :
 MSVOA_X
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Tgt Ion:152 Resp: 76897
 Ion Ratio Lower Upper
 152 100
 115 61.1 44.0 132.0
 150 159.6 0.0 351.8

