

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111722\
 Data File : VX032899.D
 Acq On : 17 Nov 2022 14:53
 Operator : JC/MD
 Sample : N5671-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW178I-20221115

Quant Time: Nov 18 01:41:05 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)

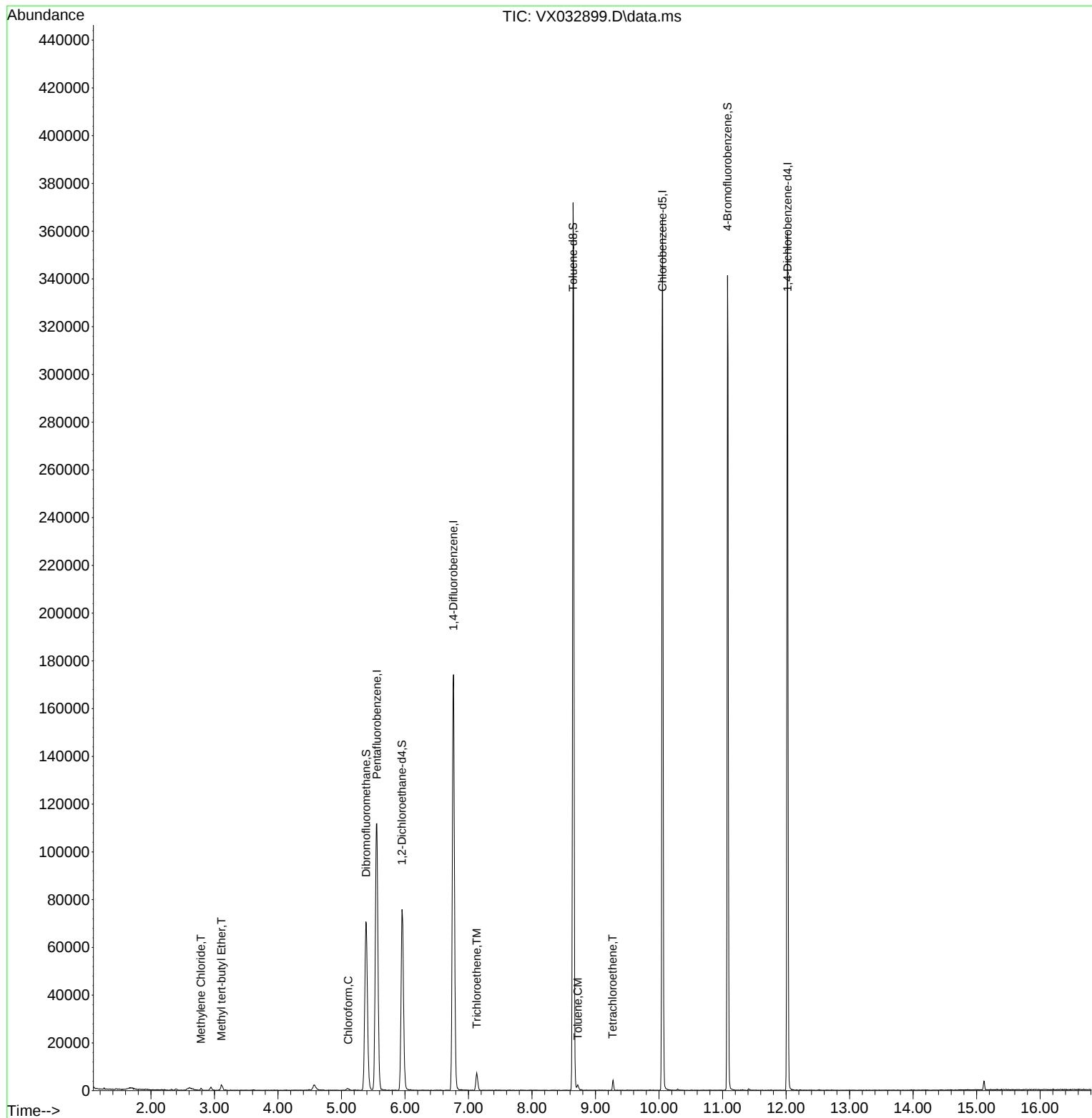
Internal Standards						
1) Pentafluorobenzene	5.556	168	108922	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	178356	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	159062	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	73879	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	77330	51.095	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.200%	
35) Dibromofluoromethane	5.385	113	61340	48.215	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.420%	
50) Toluene-d8	8.647	98	219885	49.705	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.400%	
62) 4-Bromofluorobenzene	11.079	95	84925	49.145	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.280%	
Target Compounds						
					Qvalue	
19) Methyl tert-butyl Ether	3.111	73	2653	0.691	ug/l #	82
20) Methylene Chloride	2.788	84	391	0.310	ug/l #	43
30) Chloroform	5.105	83	1137	0.478	ug/l	87
44) Trichloroethene	7.129	130	2862	2.028	ug/l	99
52) Toluene	8.720	92	941	0.288	ug/l	96
64) Tetrachloroethene	9.269	164	737	0.633	ug/l #	76

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

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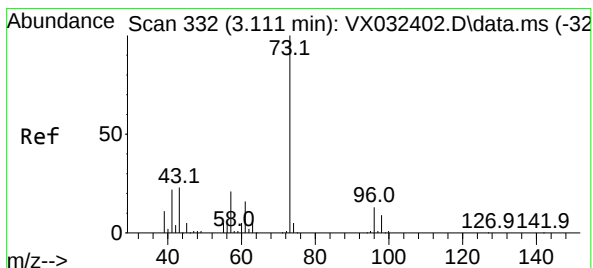
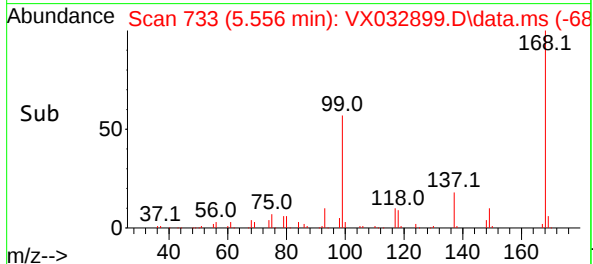
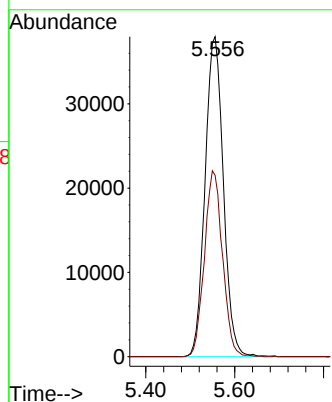
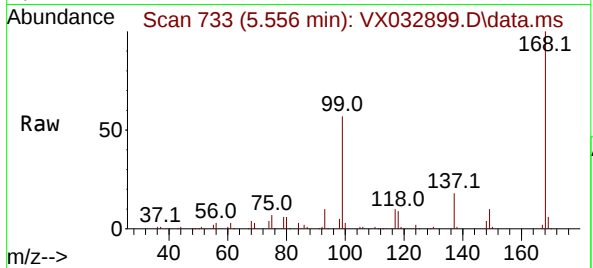




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032899.D
Acq: 17 Nov 2022 14:53

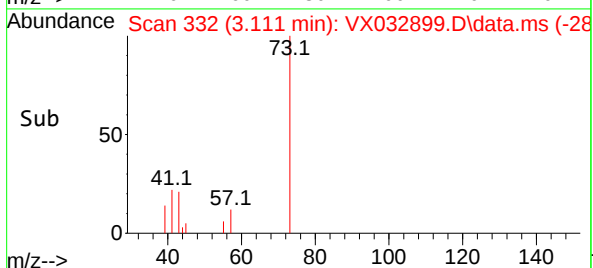
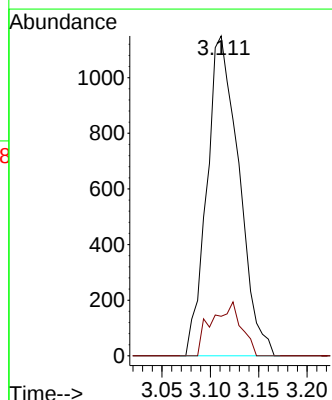
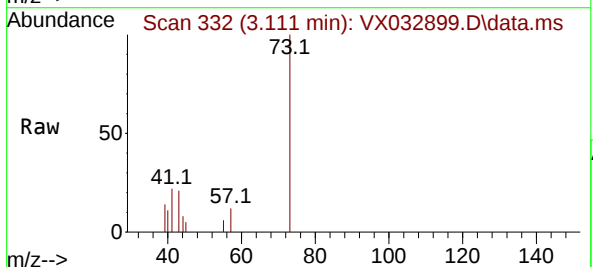
Instrument :
MSVOA_X
ClientSampleId :
MW178I-20221115

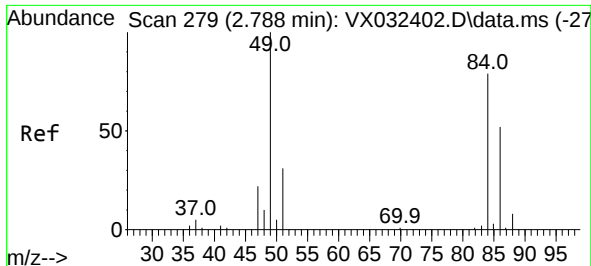
Tgt Ion:168 Resp: 108922
Ion Ratio Lower Upper
168 100
99 56.7 46.1 69.1



#19
Methyl tert-butyl Ether
Concen: 0.691 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX032899.D
Acq: 17 Nov 2022 14:53

Tgt Ion: 73 Resp: 2653
Ion Ratio Lower Upper
73 100
57 12.3 16.6 25.0#

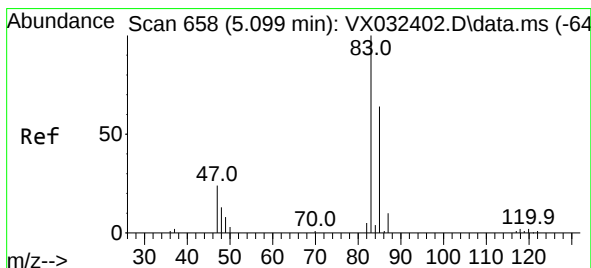
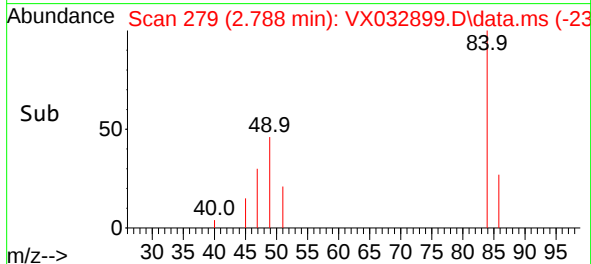
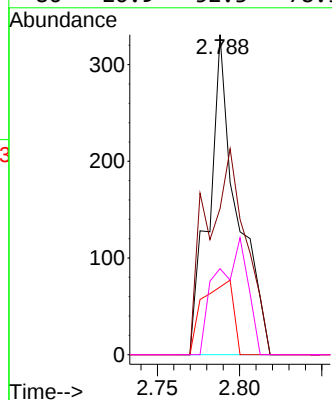
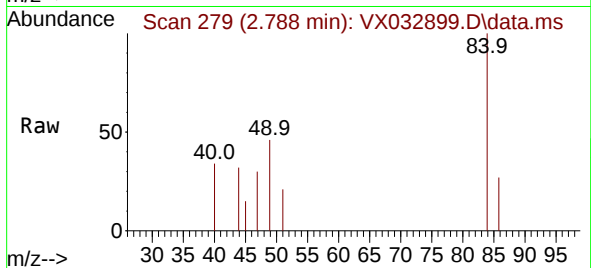




#20
Methylene Chloride
Concen: 0.310 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX032899.D
Acq: 17 Nov 2022 14:53

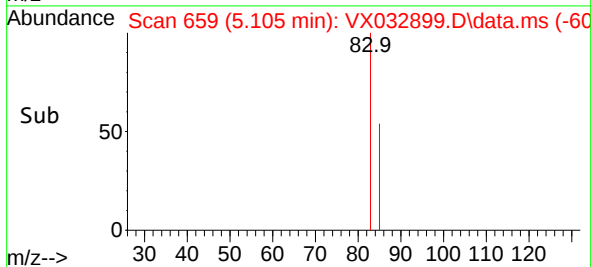
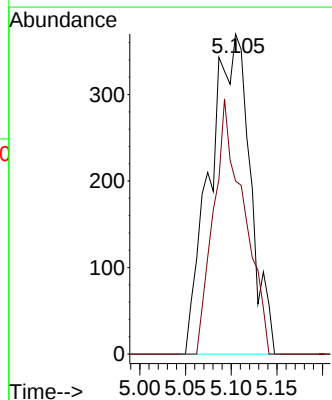
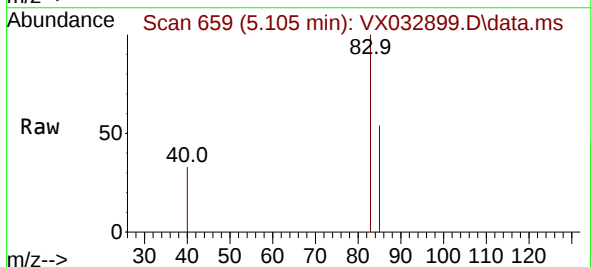
Instrument :
MSVOA_X
ClientSampleId :
MW178I-20221115

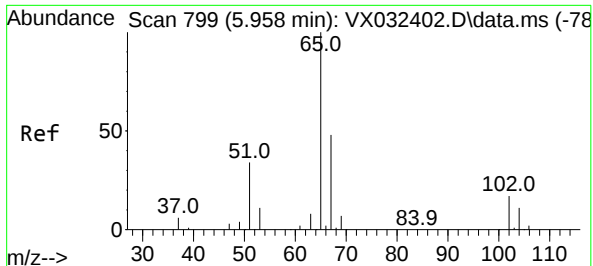
Tgt Ion:	84	Resp:	391
Ion	Ratio	Lower	Upper
84	100		
49	45.6	101.0	151.6#
51	21.1	31.1	46.7#
86	26.9	52.3	78.5#



#30
Chloroform
Concen: 0.478 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.006 min
Lab File: VX032899.D
Acq: 17 Nov 2022 14:53

Tgt Ion:	83	Resp:	1137
Ion	Ratio	Lower	Upper
83	100		
85	54.1	51.1	76.7





#33

1,2-Dichloroethane-d4

Concen: 51.095 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX032899.D

Acq: 17 Nov 2022 14:53

Instrument :

MSVOA_X

ClientSampleId :

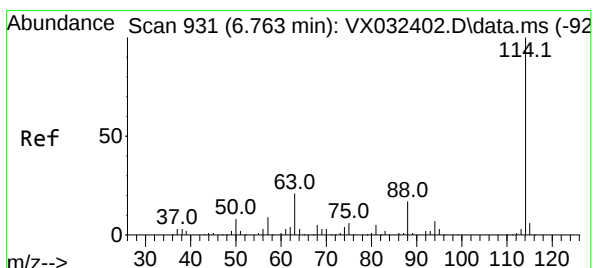
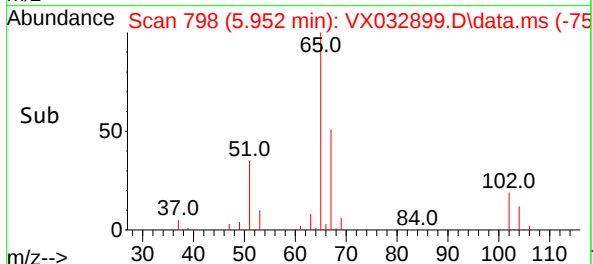
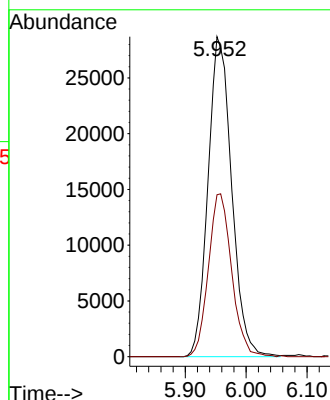
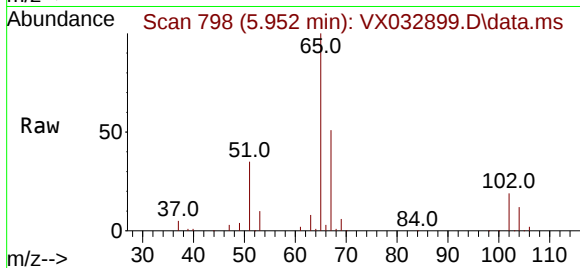
MW178I-20221115

Tgt Ion: 65 Resp: 77330

Ion Ratio Lower Upper

65 100

67 50.1 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX032899.D

Acq: 17 Nov 2022 14:53

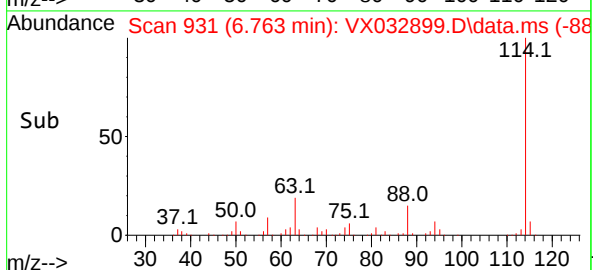
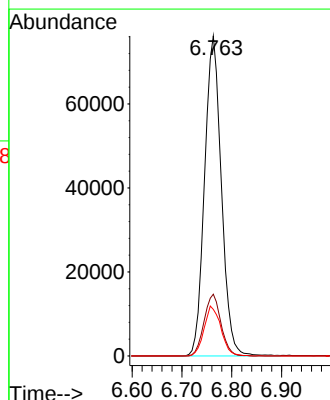
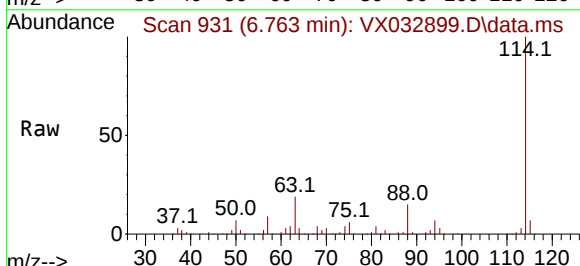
Tgt Ion: 114 Resp: 178356

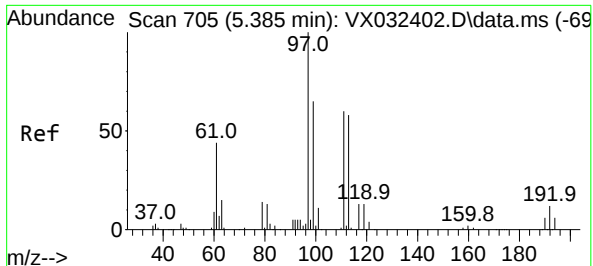
Ion Ratio Lower Upper

114 100

63 19.3 0.0 41.6

88 14.6 0.0 33.4





#35

Dibromofluoromethane

Concen: 48.215 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX032899.D

Acq: 17 Nov 2022 14:53

Instrument :

MSVOA_X

ClientSampleId :

MW178I-20221115

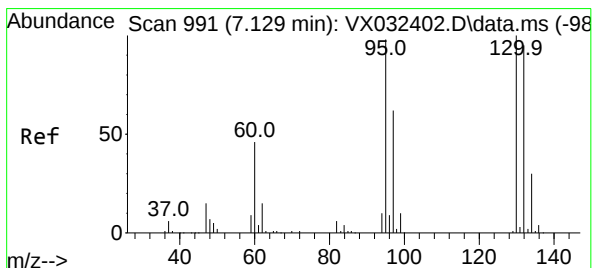
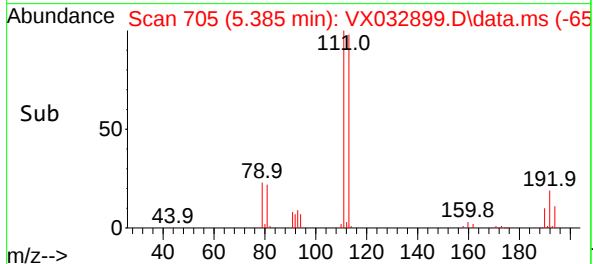
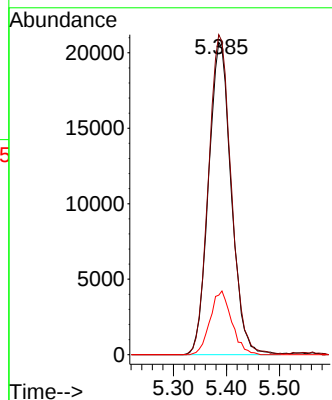
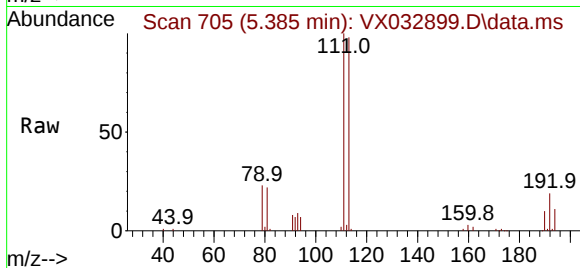
Tgt Ion:113 Resp: 61340

Ion Ratio Lower Upper

113 100

111 103.1 82.4 123.6

192 19.4 15.4 23.2



#44

Trichloroethene

Concen: 2.028 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.000 min

Lab File: VX032899.D

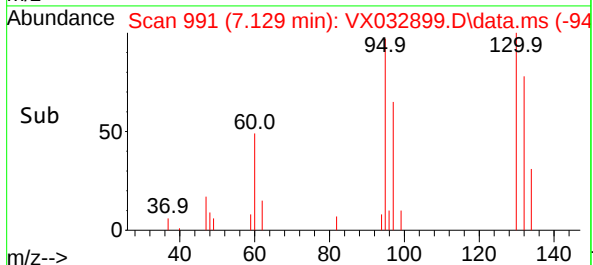
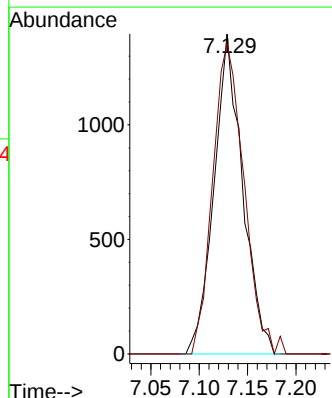
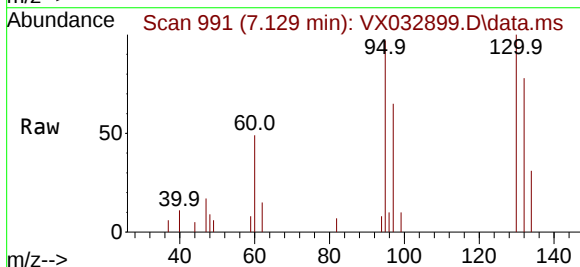
Acq: 17 Nov 2022 14:53

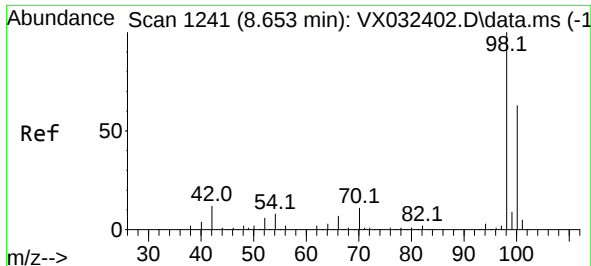
Tgt Ion:130 Resp: 2862

Ion Ratio Lower Upper

130 100

95 96.9 0.0 195.2

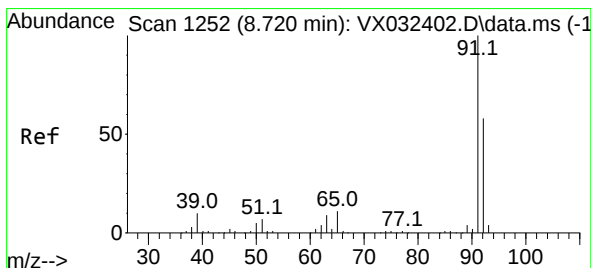
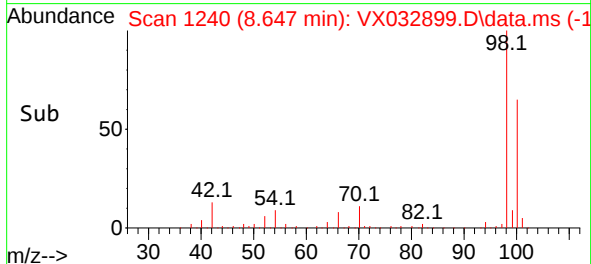
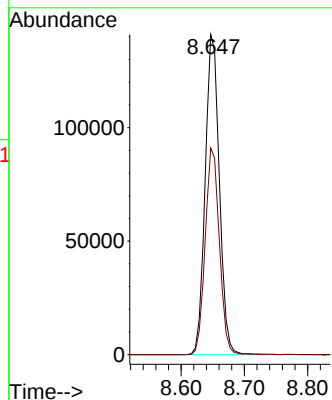
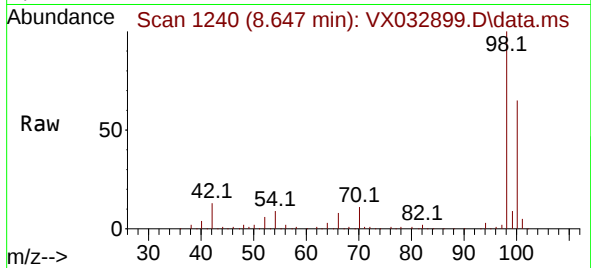




#50
Toluene-d8
Concen: 49.705 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032899.D
Acq: 17 Nov 2022 14:53

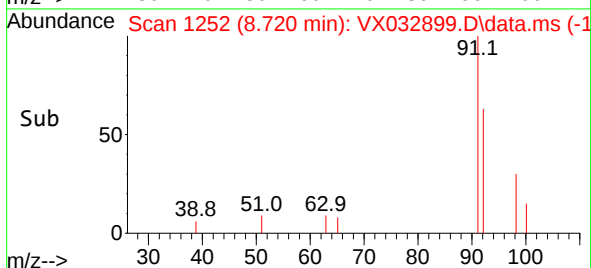
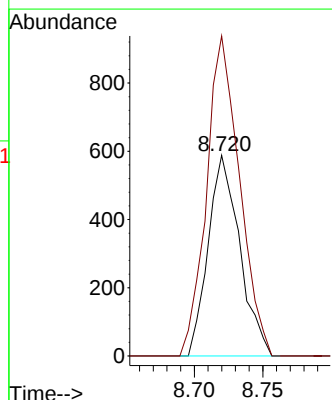
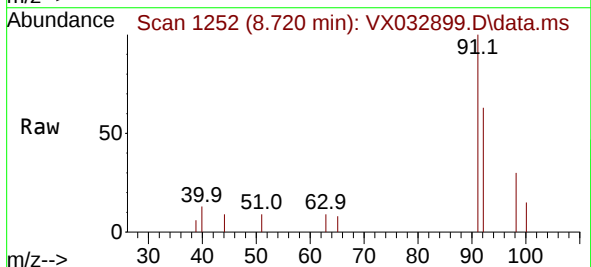
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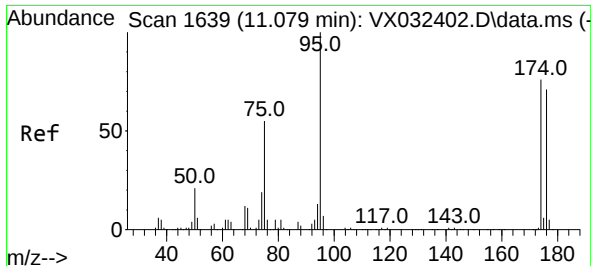
Tgt Ion: 98 Resp: 219885
Ion Ratio Lower Upper
98 100
100 64.8 50.9 76.3



#52
Toluene
Concen: 0.288 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX032899.D
Acq: 17 Nov 2022 14:53

Tgt Ion: 92 Resp: 941
Ion Ratio Lower Upper
92 100
91 167.3 138.3 207.5

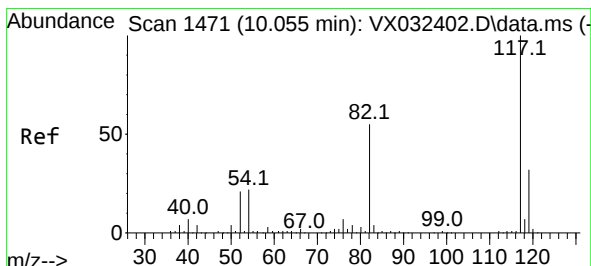
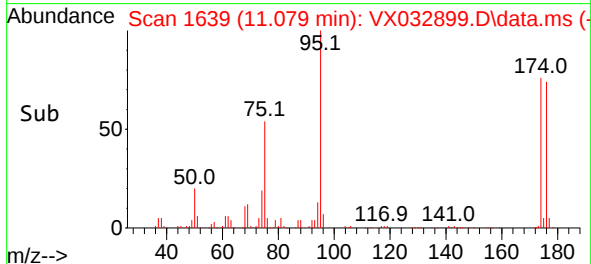
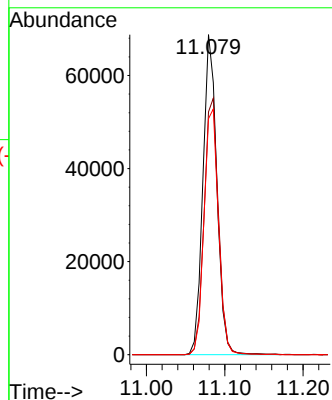
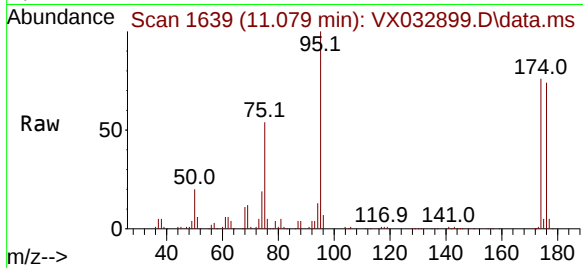




#62
4-Bromofluorobenzene
Concen: 49.145 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032899.D
Acq: 17 Nov 2022 14:53

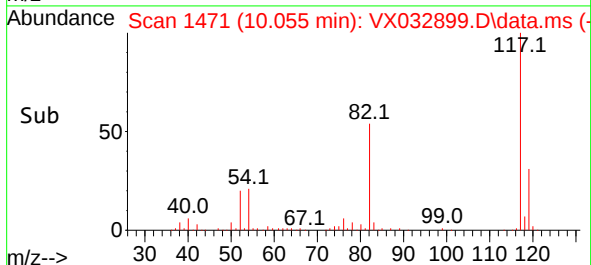
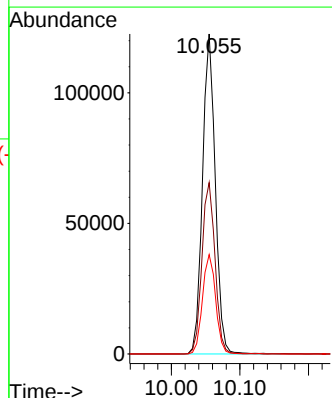
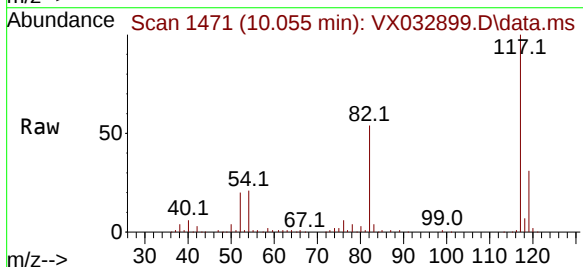
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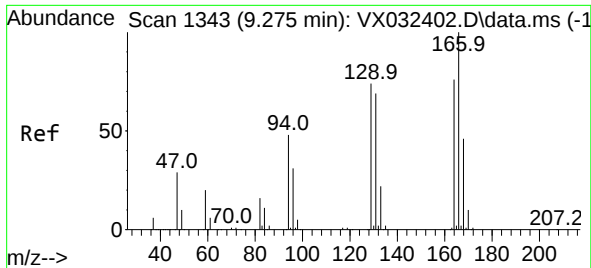
Tgt Ion: 95 Resp: 84925
Ion Ratio Lower Upper
95 100
174 82.9 0.0 164.0
176 79.9 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032899.D
Acq: 17 Nov 2022 14:53

Tgt Ion: 117 Resp: 159062
Ion Ratio Lower Upper
117 100
82 53.6 44.3 66.5
119 31.1 25.7 38.5

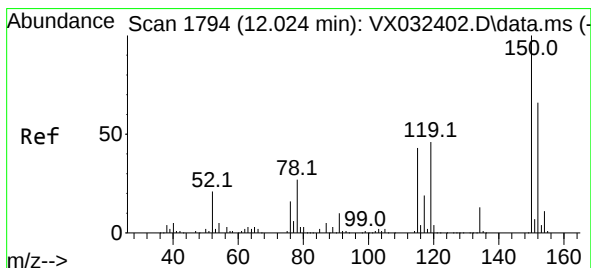
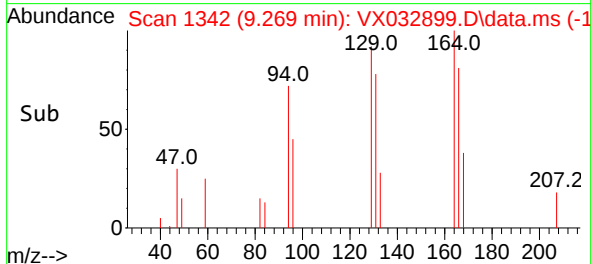
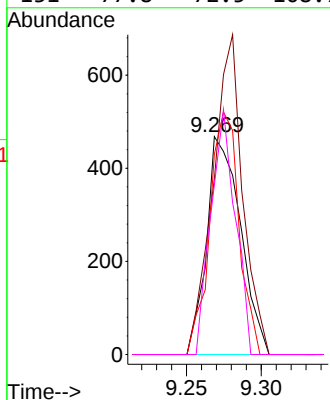
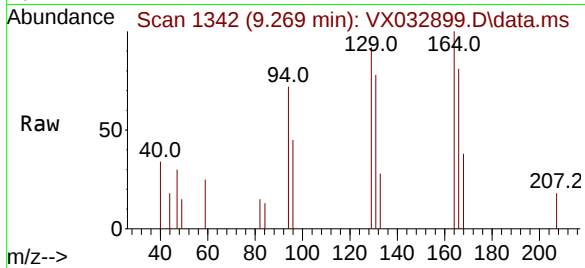




#64
Tetrachloroethene
Concen: 0.633 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032899.D
Acq: 17 Nov 2022 14:53

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:164 Resp: 737
Ion Ratio Lower Upper
164 100
166 80.6 105.4 158.2#
129 91.9 78.2 117.2
131 77.8 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: VX032899.D
Acq: 17 Nov 2022 14:53

Tgt Ion:152 Resp: 73879
Ion Ratio Lower Upper
152 100
115 59.8 44.0 132.0
150 155.8 0.0 351.8

