

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111722\
 Data File : VX032901.D
 Acq On : 17 Nov 2022 15:39
 Operator : JC/MD
 Sample : N5671-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW179D-20221115

Quant Time: Nov 18 01:41:21 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)

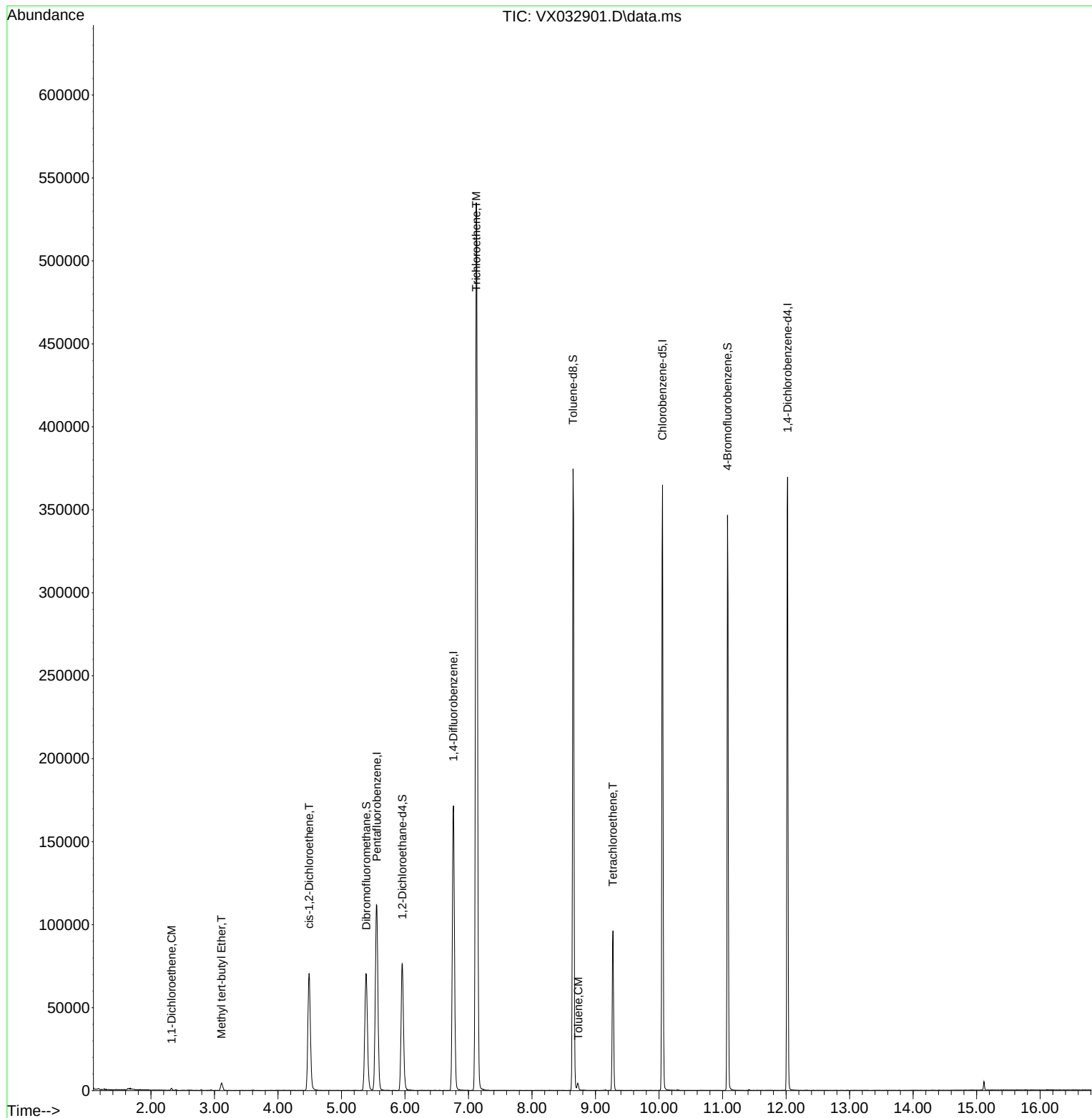
Internal Standards						
1) Pentafluorobenzene	5.556	168	107635	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	177495	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	159122	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	76698	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	77379	51.739	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 103.480%		
35) Dibromofluoromethane	5.391	113	61049	48.219	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 96.440%		
50) Toluene-d8	8.647	98	220071	49.988	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 99.980%		
62) 4-Bromofluorobenzene	11.079	95	86842	50.498	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 101.000%		
Target Compounds						
						Qvalue
12) 1,1-Dichloroethene	2.325	96	478	0.443	ug/l	86
19) Methyl tert-butyl Ether	3.111	73	4841	1.276	ug/l #	87
27) cis-1,2-Dichloroethene	4.489	96	45522	33.518	ug/l	89
44) Trichloroethene	7.123	130	203581	144.948	ug/l	96
52) Toluene	8.726	92	1722	0.529	ug/l	99
64) Tetrachloroethene	9.275	164	17173	14.745	ug/l	96

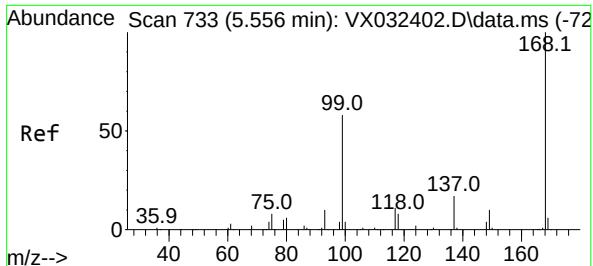
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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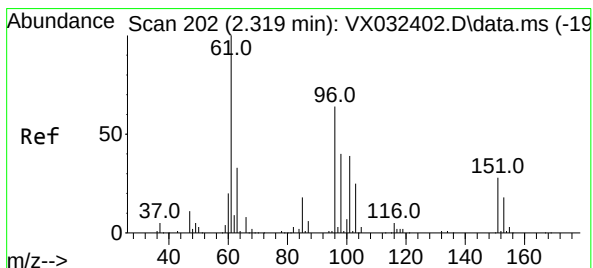
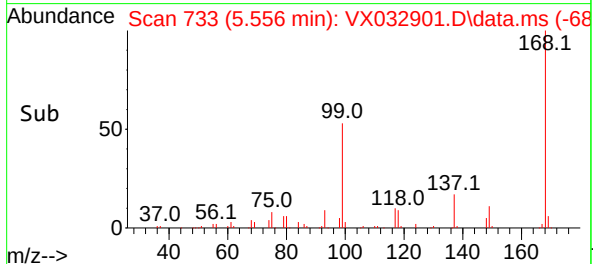
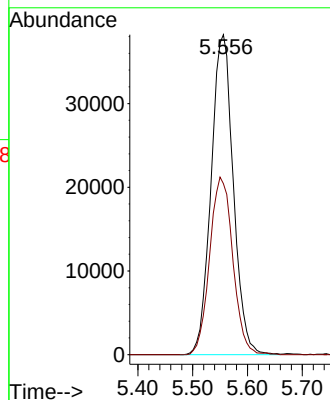
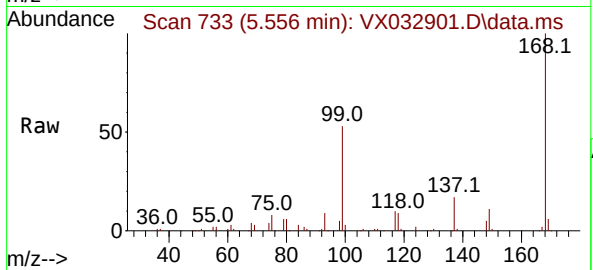




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032901.D
Acq: 17 Nov 2022 15:39

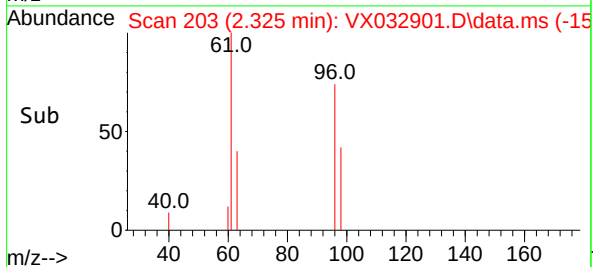
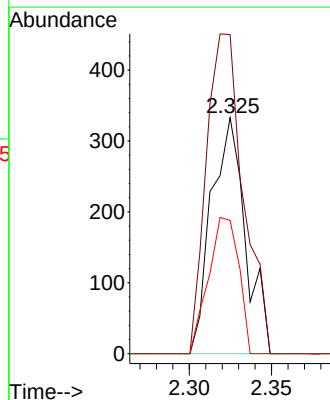
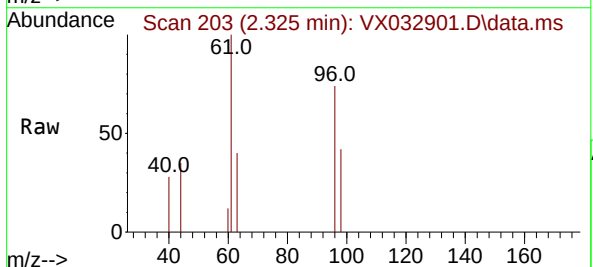
Instrument :
MSVOA_X
ClientSampleId :
MW179D-20221115

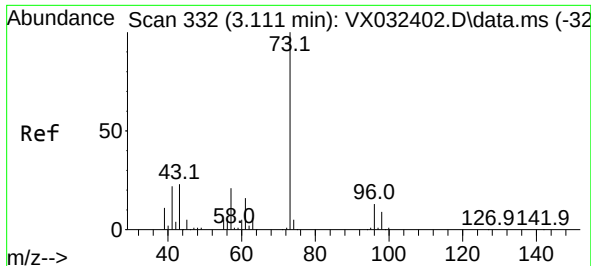
Tgt Ion:168 Resp: 107635
Ion Ratio Lower Upper
168 100
99 53.4 46.1 69.1



#12
1,1-Dichloroethene
Concen: 0.443 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX032901.D
Acq: 17 Nov 2022 15:39

Tgt Ion: 96 Resp: 478
Ion Ratio Lower Upper
96 100
61 135.1 125.1 187.7
98 56.5 50.6 76.0





#19

Methyl tert-butyl Ether

Concen: 1.276 ug/l

RT: 3.111 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX032901.D

Acq: 17 Nov 2022 15:39

Instrument :

MSVOA_X

ClientSampleId :

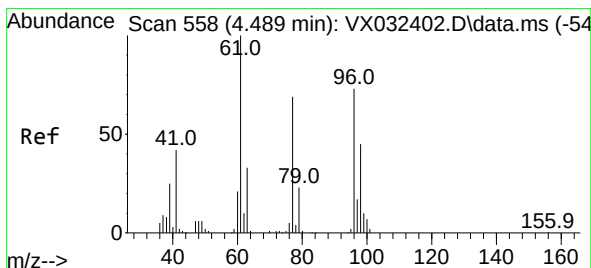
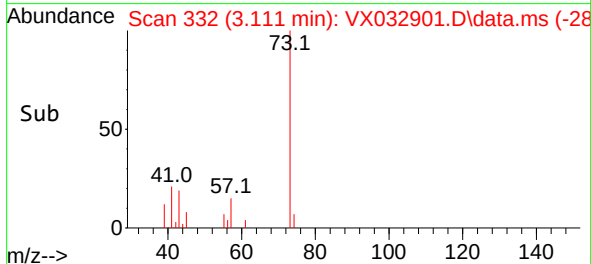
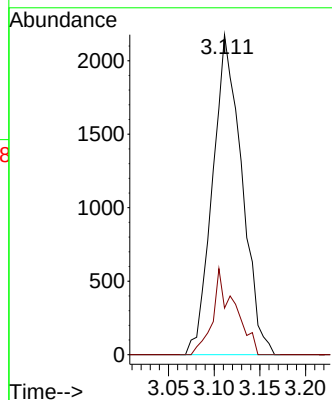
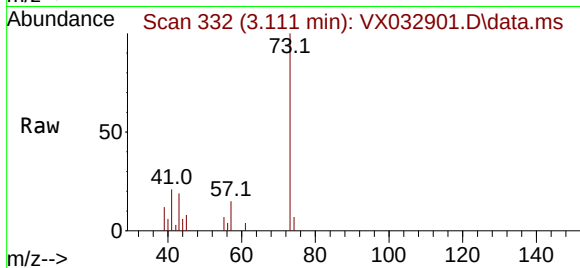
MW179D-20221115

Tgt Ion: 73 Resp: 4841

Ion Ratio Lower Upper

73 100

57 14.6 16.6 25.0#



#27

cis-1,2-Dichloroethene

Concen: 33.518 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX032901.D

Acq: 17 Nov 2022 15:39

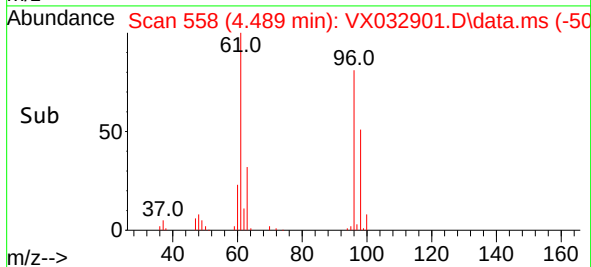
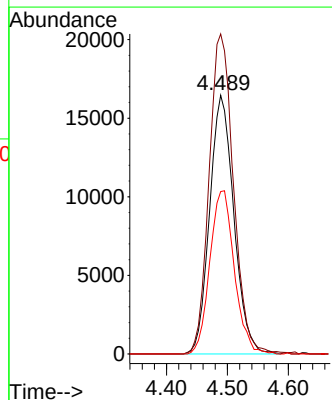
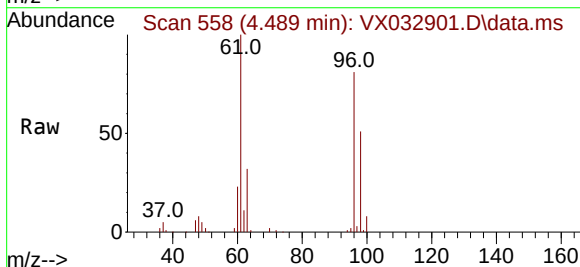
Tgt Ion: 96 Resp: 45522

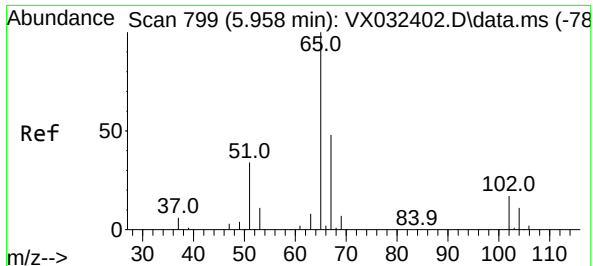
Ion Ratio Lower Upper

96 100

61 124.5 0.0 286.0

98 63.7 0.0 129.6





#33

1,2-Dichloroethane-d4

Concen: 51.739 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX032901.D

Acq: 17 Nov 2022 15:39

Instrument :

MSVOA_X

ClientSampleId :

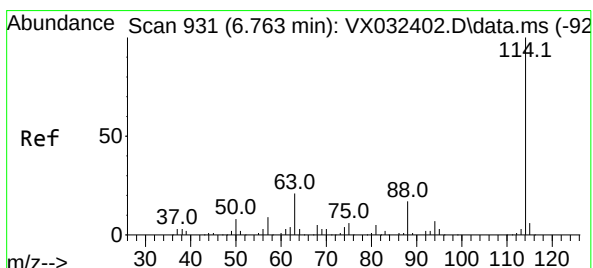
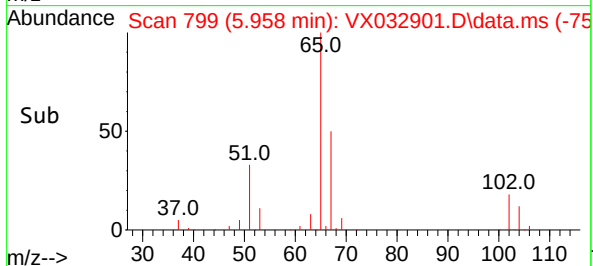
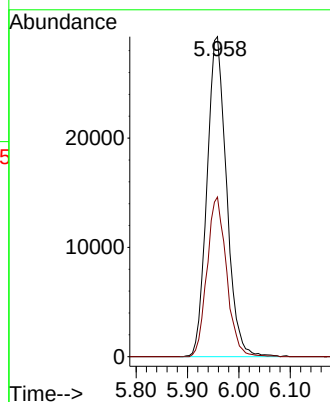
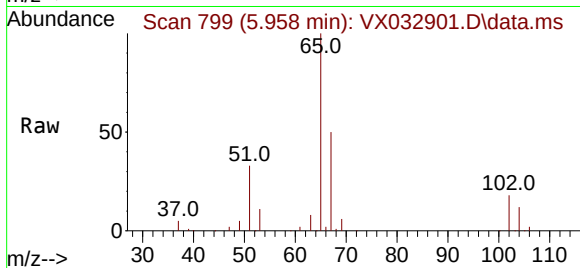
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Tgt Ion: 65 Resp: 77379

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# 931

Delta R.T. 0.000 min

Lab File: VX032901.D

Acq: 17 Nov 2022 15:39

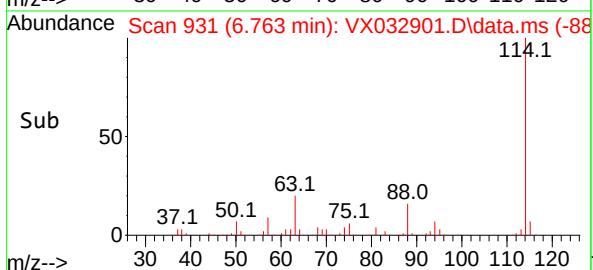
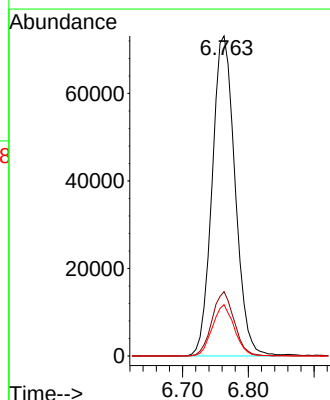
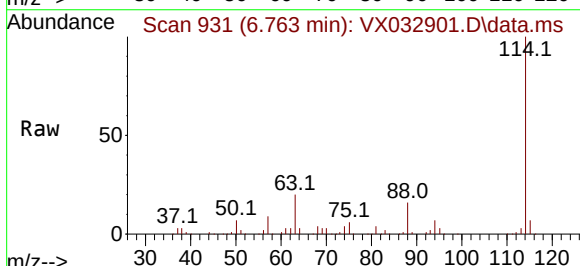
Tgt Ion: 114 Resp: 177495

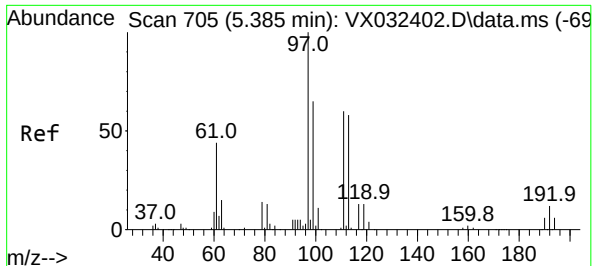
Ion Ratio Lower Upper

114 100

63 20.1 0.0 41.6

88 16.0 0.0 33.4

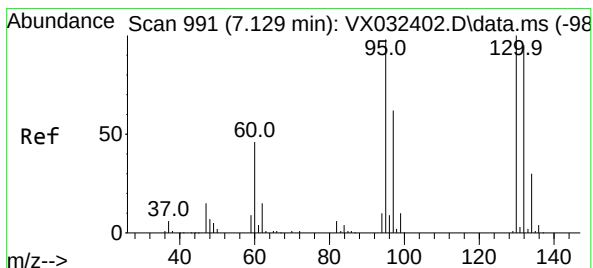
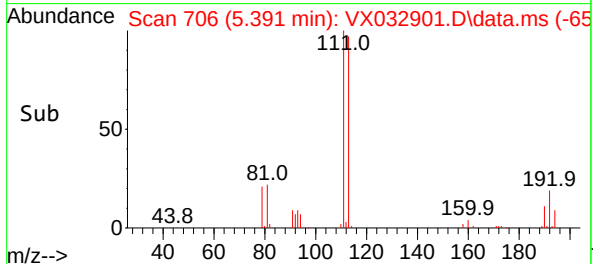
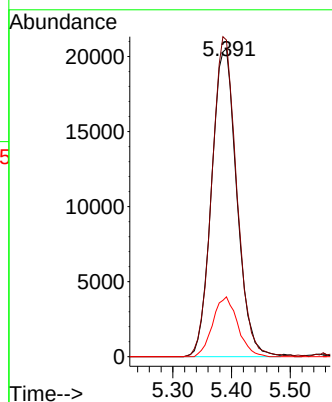
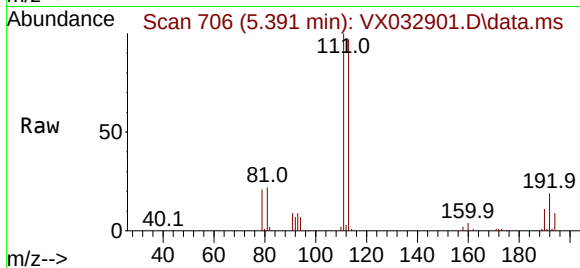




#35
Dibromofluoromethane
Concen: 48.219 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX032901.D
Acq: 17 Nov 2022 15:39

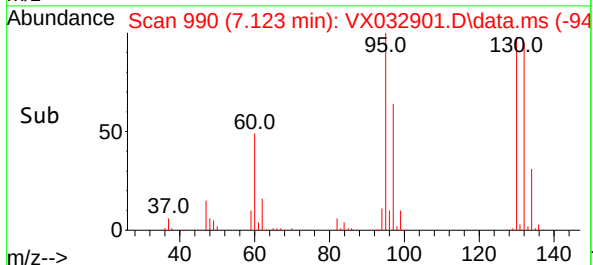
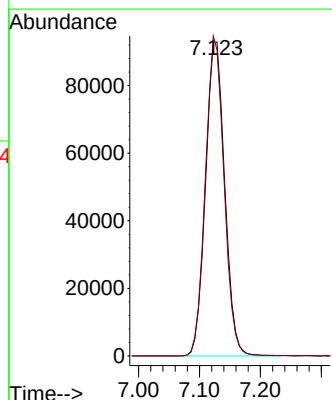
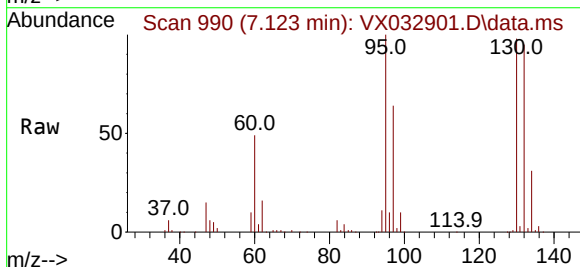
Instrument :
MSVOA_X
ClientSampleId :
MW179D-20221115

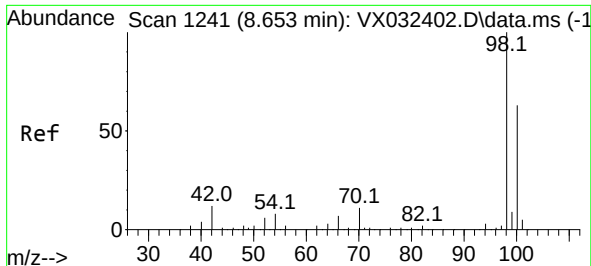
Tgt Ion:113 Resp: 61049
Ion Ratio Lower Upper
113 100
111 102.1 82.4 123.6
192 19.2 15.4 23.2



#44
Trichloroethene
Concen: 144.948 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX032901.D
Acq: 17 Nov 2022 15:39

Tgt Ion:130 Resp: 203581
Ion Ratio Lower Upper
130 100
95 101.9 0.0 195.2

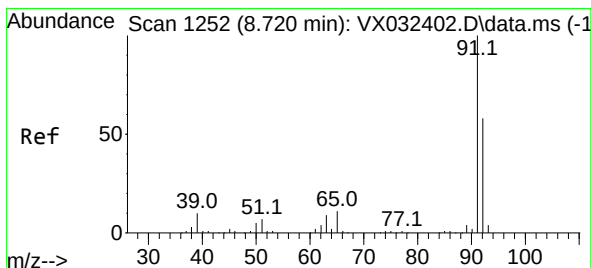
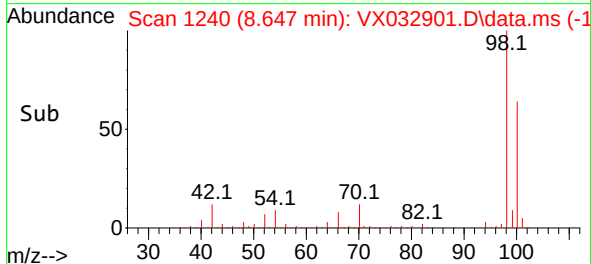
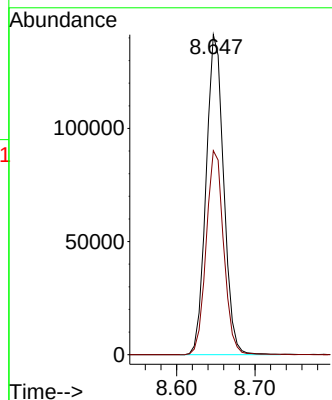
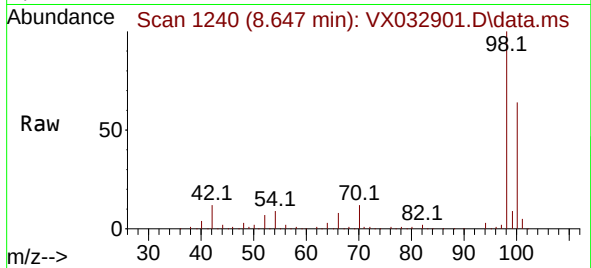




#50
Toluene-d8
Concen: 49.988 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032901.D
Acq: 17 Nov 2022 15:39

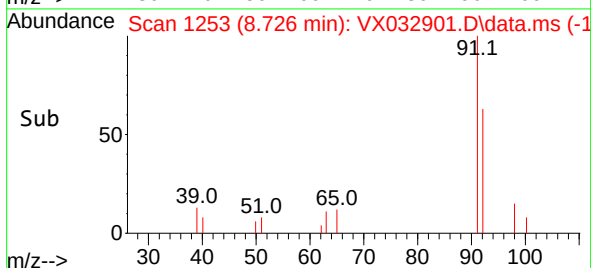
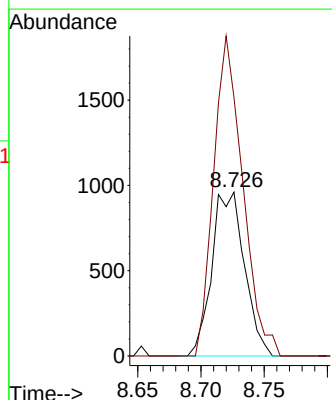
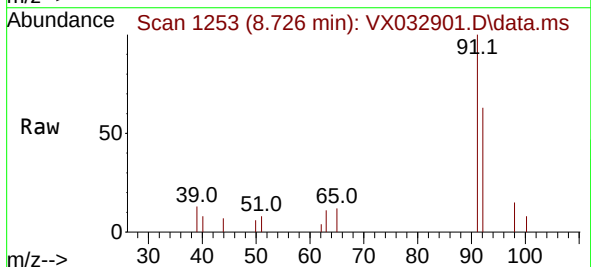
Instrument :
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ClientSampleId :
MW179D-20221115

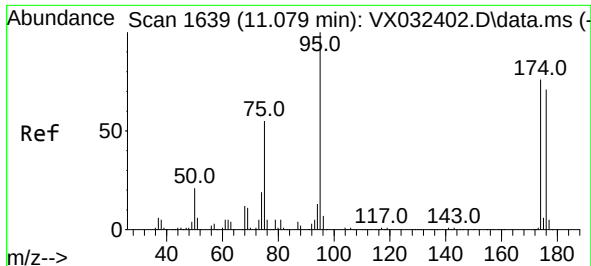
Tgt Ion: 98 Resp: 220071
Ion Ratio Lower Upper
98 100
100 63.4 50.9 76.3



#52
Toluene
Concen: 0.529 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX032901.D
Acq: 17 Nov 2022 15:39

Tgt Ion: 92 Resp: 1722
Ion Ratio Lower Upper
92 100
91 174.3 138.3 207.5





#62

4-Bromofluorobenzene

Concen: 50.498 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX032901.D

Acq: 17 Nov 2022 15:39

Instrument :

MSVOA_X

ClientSampleId :

MW179D-20221115

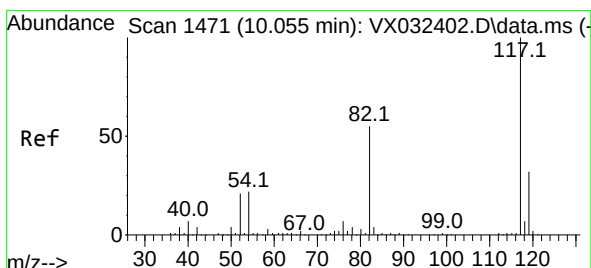
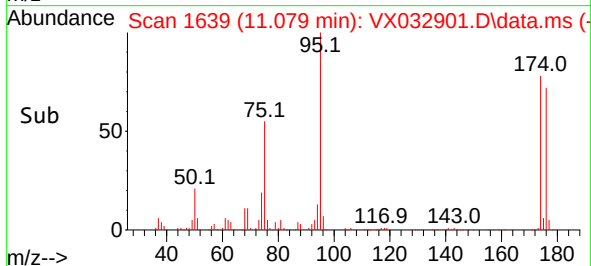
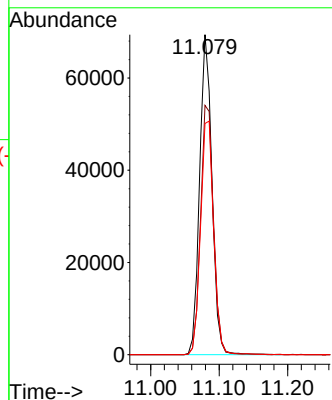
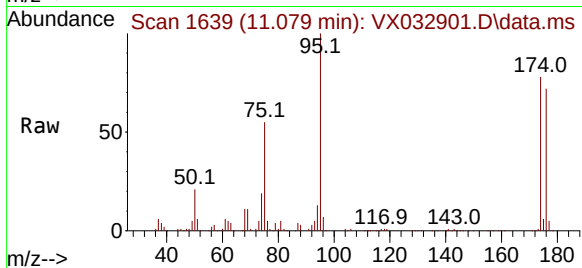
Tgt Ion: 95 Resp: 86842

Ion Ratio Lower Upper

95 100

174 82.3 0.0 164.0

176 78.0 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: VX032901.D

Acq: 17 Nov 2022 15:39

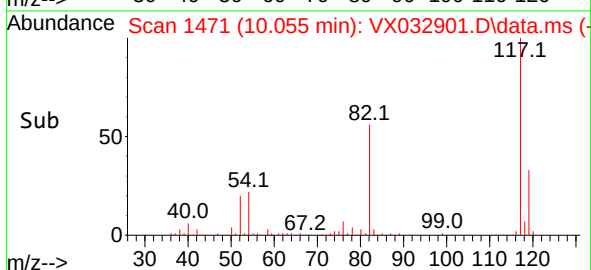
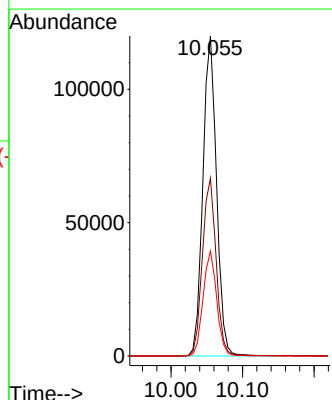
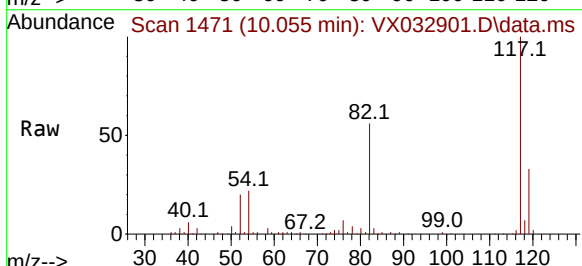
Tgt Ion: 117 Resp: 159122

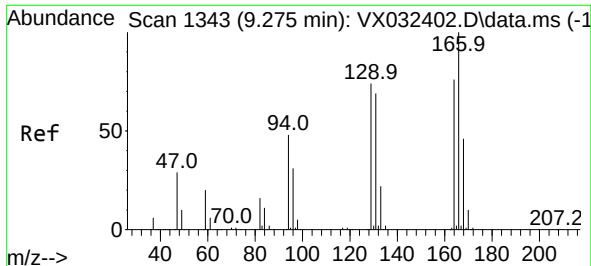
Ion Ratio Lower Upper

117 100

82 55.5 44.3 66.5

119 32.8 25.7 38.5



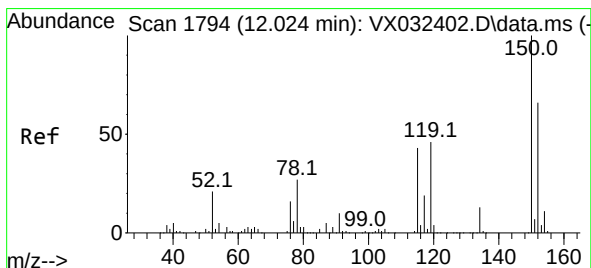
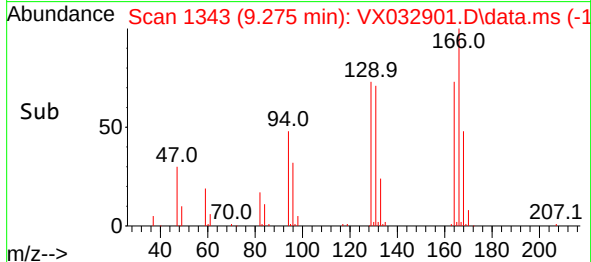
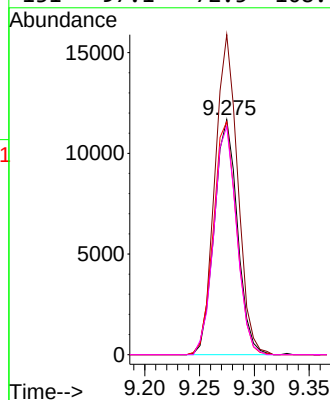
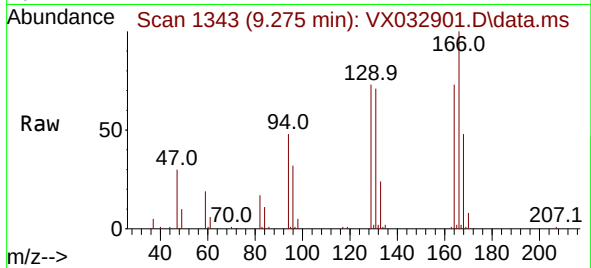


#64
Tetrachloroethene
Concen: 14.745 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032901.D
Acq: 17 Nov 2022 15:39

Instrument :
MSVOA_X
ClientSampleId :
MW179D-20221115

Tgt Ion:164 Resp: 17173

Ion	Ratio	Lower	Upper
164	100		
166	136.2	105.4	158.2
129	99.1	78.2	117.2
131	97.1	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: VX032901.D
Acq: 17 Nov 2022 15:39

Tgt Ion:152 Resp: 76698

Ion	Ratio	Lower	Upper
152	100		
115	59.2	44.0	132.0
150	155.5	0.0	351.8

