

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120222\
 Data File : VX033182.D
 Acq On : 02 Dec 2022 13:53
 Operator : JC/MD
 Sample : N5821-05DL 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 22-MW-4IDL

Quant Time: Dec 03 04:32:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

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

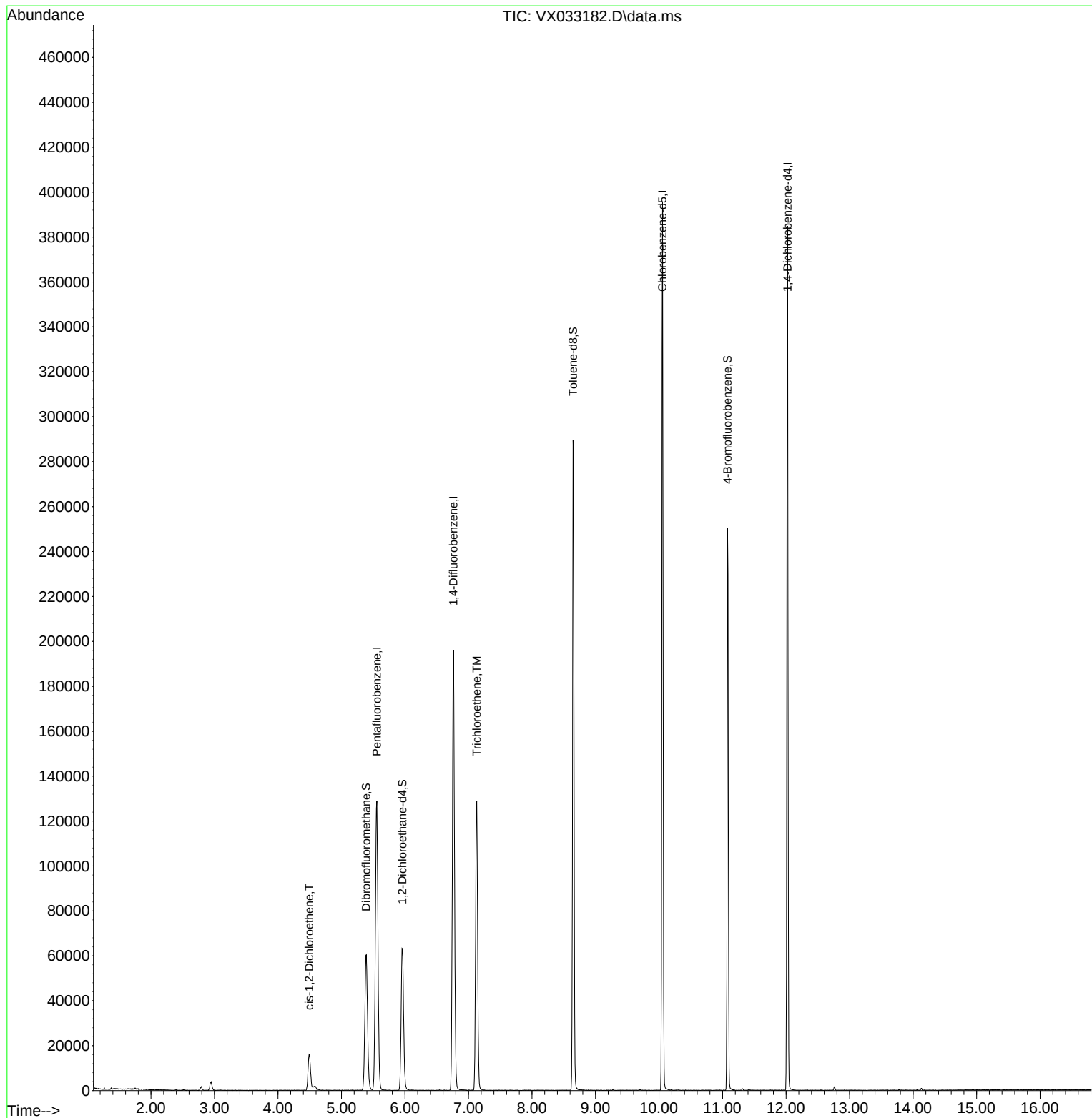
Internal Standards						
1) Pentafluorobenzene	5.556	168	120484	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	197205	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	173646	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	78984	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	65634	56.133	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	112.260%
35) Dibromofluoromethane	5.385	113	52603	47.315	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.620%
50) Toluene-d8	8.647	98	172354	51.593	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	103.180%
62) 4-Bromofluorobenzene	11.079	95	63514	43.490	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.980%
Target Compounds						
27) cis-1,2-Dichloroethene	4.489	96	10376	7.593	ug/l	93
44) Trichloroethene	7.129	130	51022	36.481	ug/l	99

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

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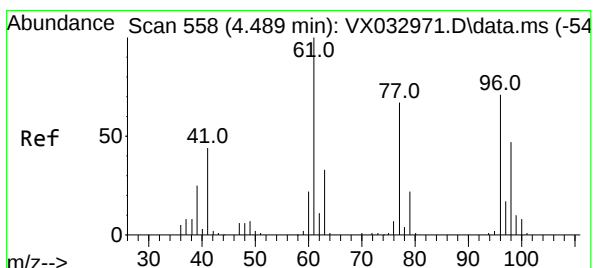
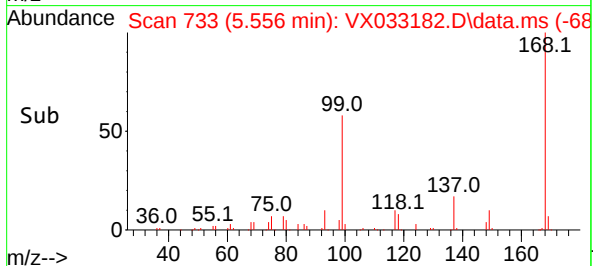
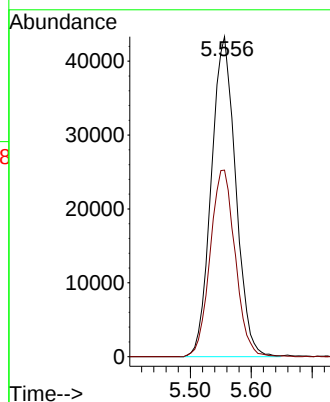
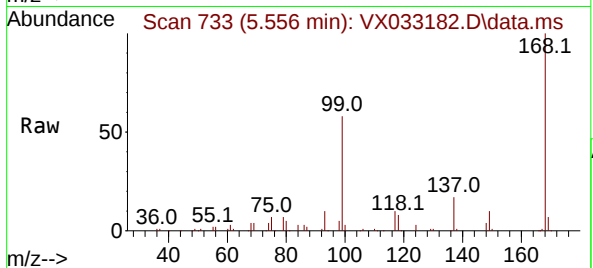




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX033182.D
Acq: 02 Dec 2022 13:53

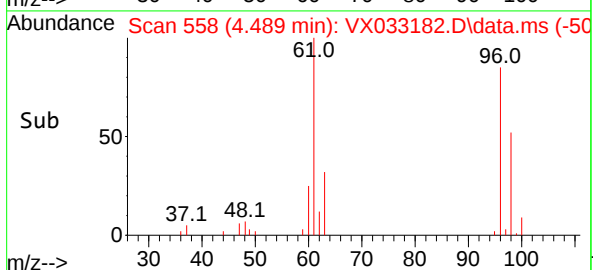
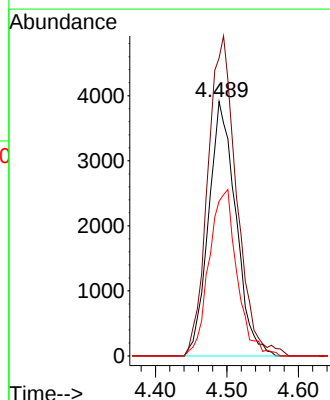
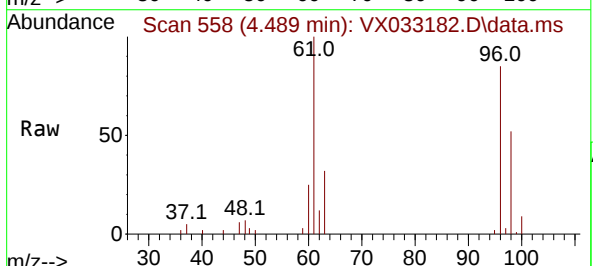
Instrument :
MSVOA_X
ClientSampleId :
22-MW-4IDL

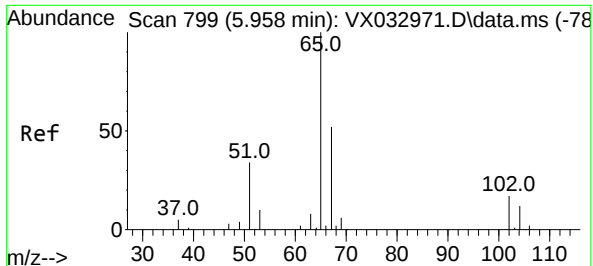
Tgt Ion:168 Resp: 120484
Ion Ratio Lower Upper
168 100
99 58.3 46.1 69.1



#27
cis-1,2-Dichloroethene
Concen: 7.593 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX033182.D
Acq: 02 Dec 2022 13:53

Tgt Ion: 96 Resp: 10376
Ion Ratio Lower Upper
96 100
61 132.4 0.0 286.0
98 66.7 0.0 129.6





#33

1,2-Dichloroethane-d4

Concen: 56.133 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033182.D

Acq: 02 Dec 2022 13:53

Instrument :

MSVOA_X

ClientSampleId :

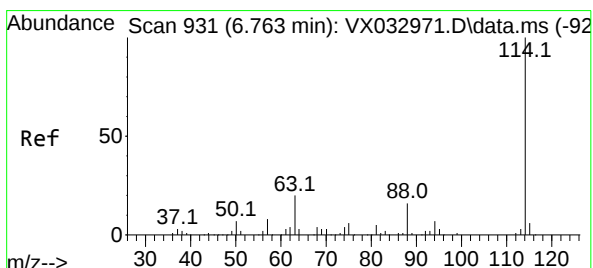
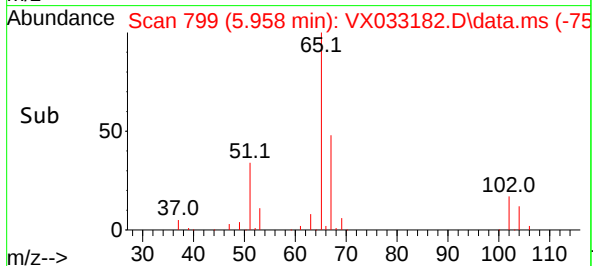
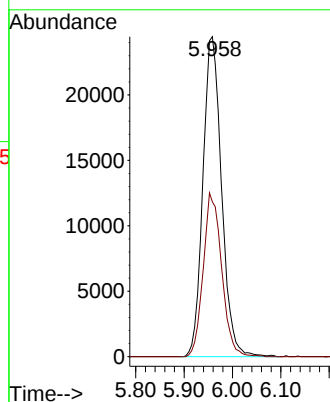
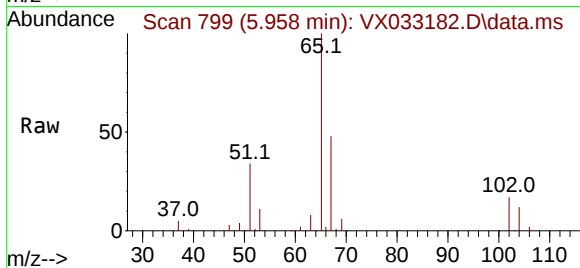
22-MW-4IDL

Tgt Ion: 65 Resp: 65634

Ion Ratio Lower Upper

65 100

67 50.5 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: VX033182.D

Acq: 02 Dec 2022 13:53

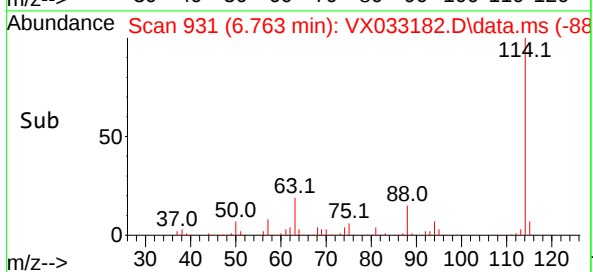
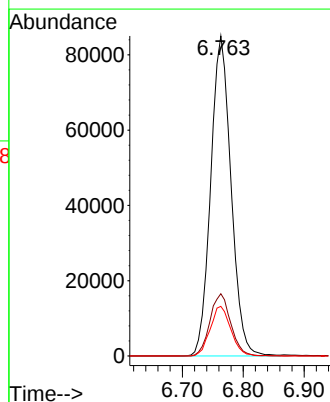
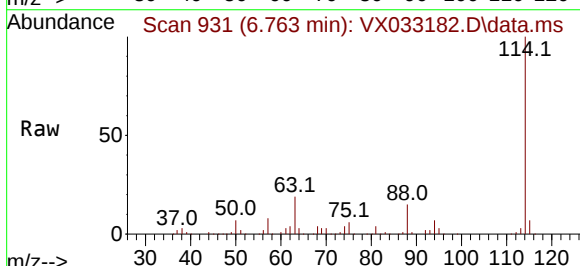
Tgt Ion: 114 Resp: 197205

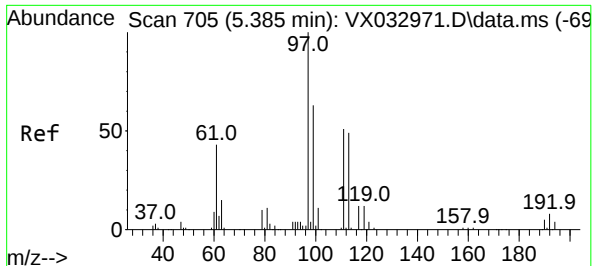
Ion Ratio Lower Upper

114 100

63 19.4 0.0 41.6

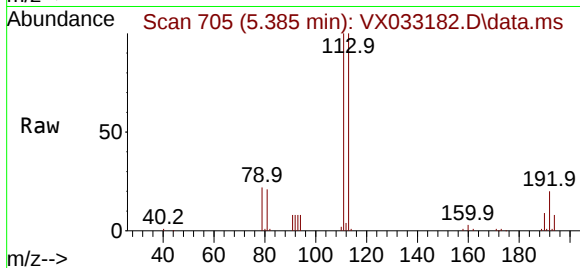
88 15.5 0.0 33.4



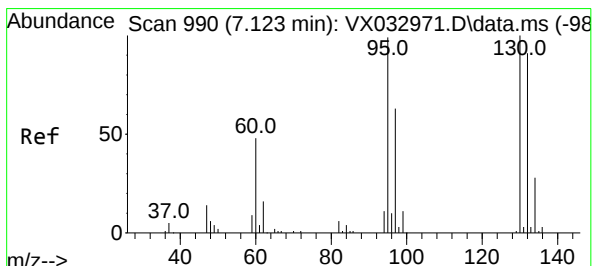
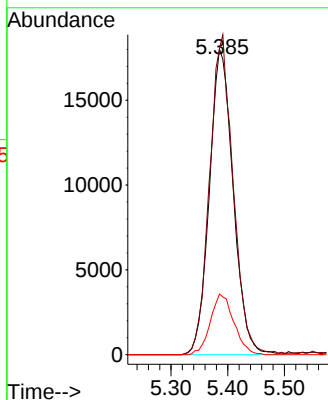
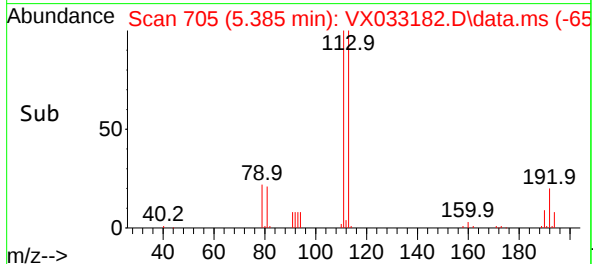


#35
Dibromofluoromethane
Concen: 47.315 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033182.D
Acq: 02 Dec 2022 13:53

Instrument :
MSVOA_X
ClientSampleId :
22-MW-4IDL

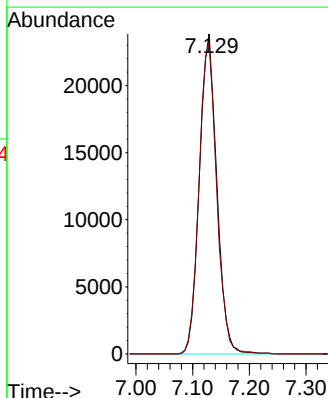
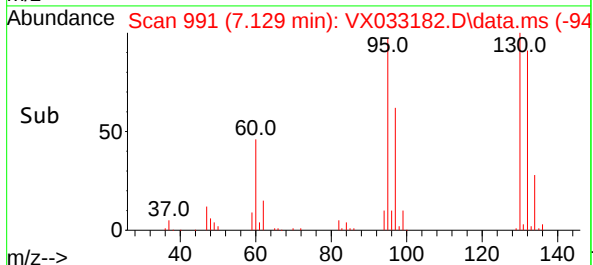
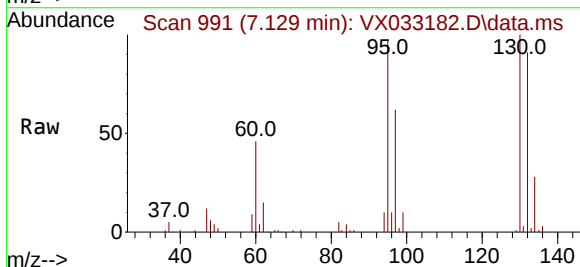


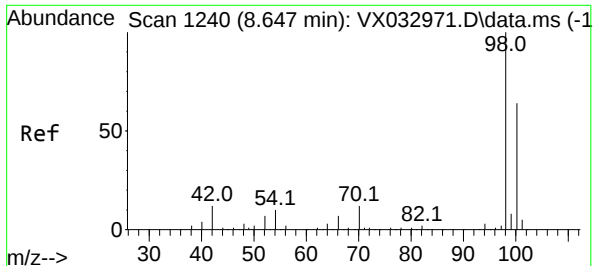
Tgt Ion:113 Resp: 52603
Ion Ratio Lower Upper
113 100
111 103.5 82.4 123.6
192 19.5 15.4 23.2



#44
Trichloroethene
Concen: 36.481 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX033182.D
Acq: 02 Dec 2022 13:53

Tgt Ion:130 Resp: 51022
Ion Ratio Lower Upper
130 100
95 96.9 0.0 195.2





#50

Toluene-d8

Concen: 51.593 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX033182.D

Acq: 02 Dec 2022 13:53

Instrument :

MSVOA_X

ClientSampleId :

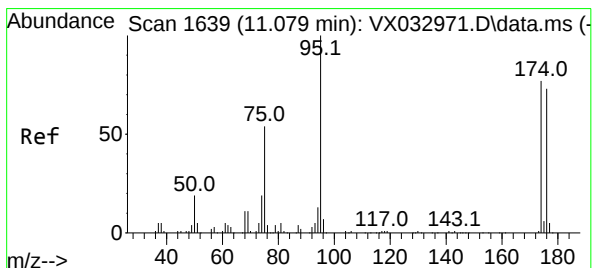
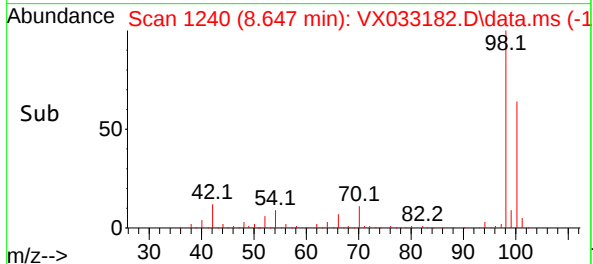
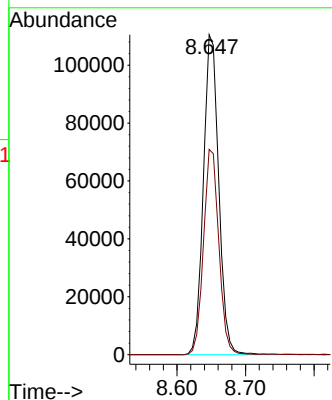
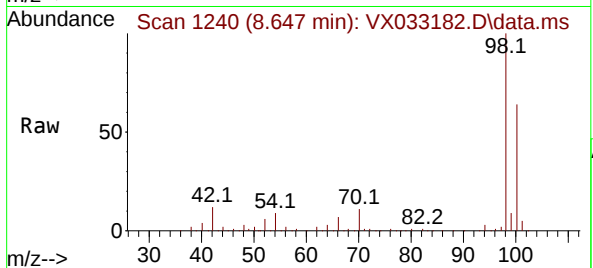
22-MW-4IDL

Tgt Ion: 98 Resp: 172354

Ion Ratio Lower Upper

98 100

100 64.2 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 43.490 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX033182.D

Acq: 02 Dec 2022 13:53

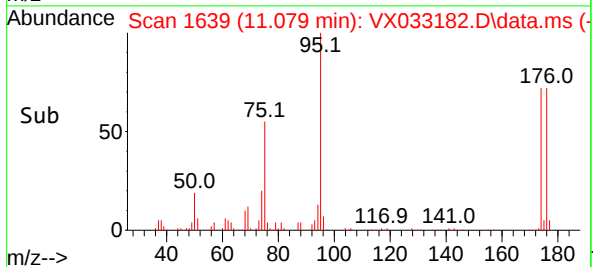
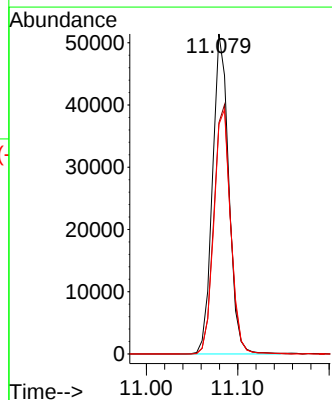
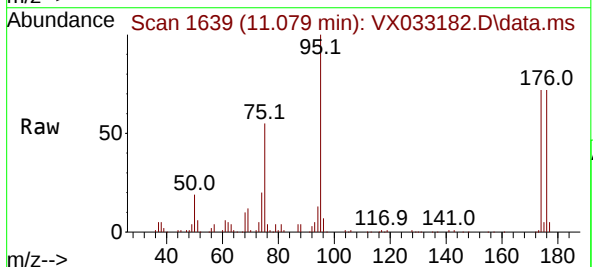
Tgt Ion: 95 Resp: 63514

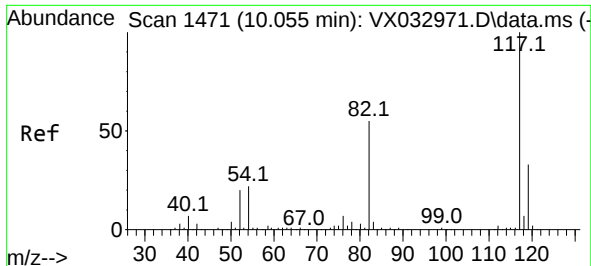
Ion Ratio Lower Upper

95 100

174 79.9 0.0 164.0

176 78.9 0.0 154.4

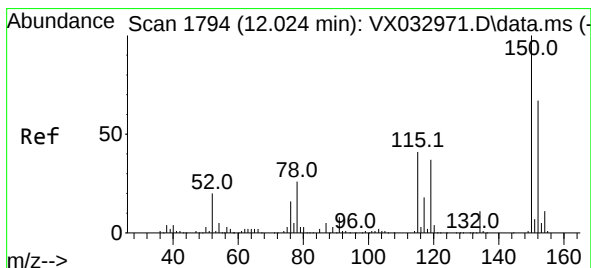
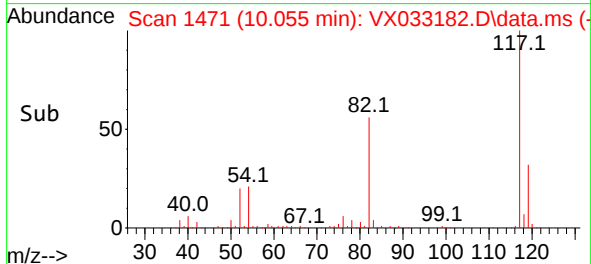
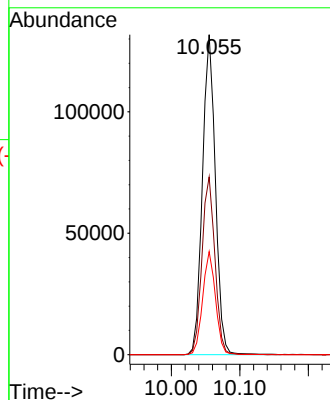
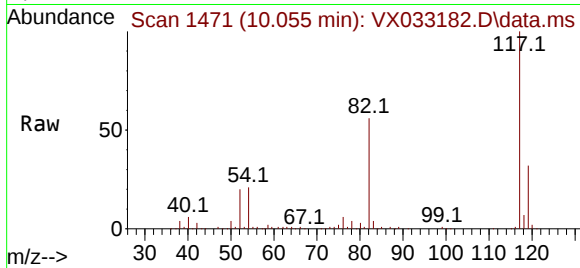




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033182.D
Acq: 02 Dec 2022 13:53

Instrument :
MSVOA_X
ClientSampleId :
22-MW-4IDL

Tgt Ion:117 Resp: 173646
Ion Ratio Lower Upper
117 100
82 55.5 44.3 66.5
119 32.2 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033182.D
Acq: 02 Dec 2022 13:53

Tgt Ion:152 Resp: 78984
Ion Ratio Lower Upper
152 100
115 60.2 44.0 132.0
150 157.5 0.0 351.8

