

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112421\
 Data File : VX025332.D
 Acq On : 24 Nov 2021 17:22
 Operator : JC/MD
 Sample : M4764-05 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2

Quant Time: Nov 26 10:37:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

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

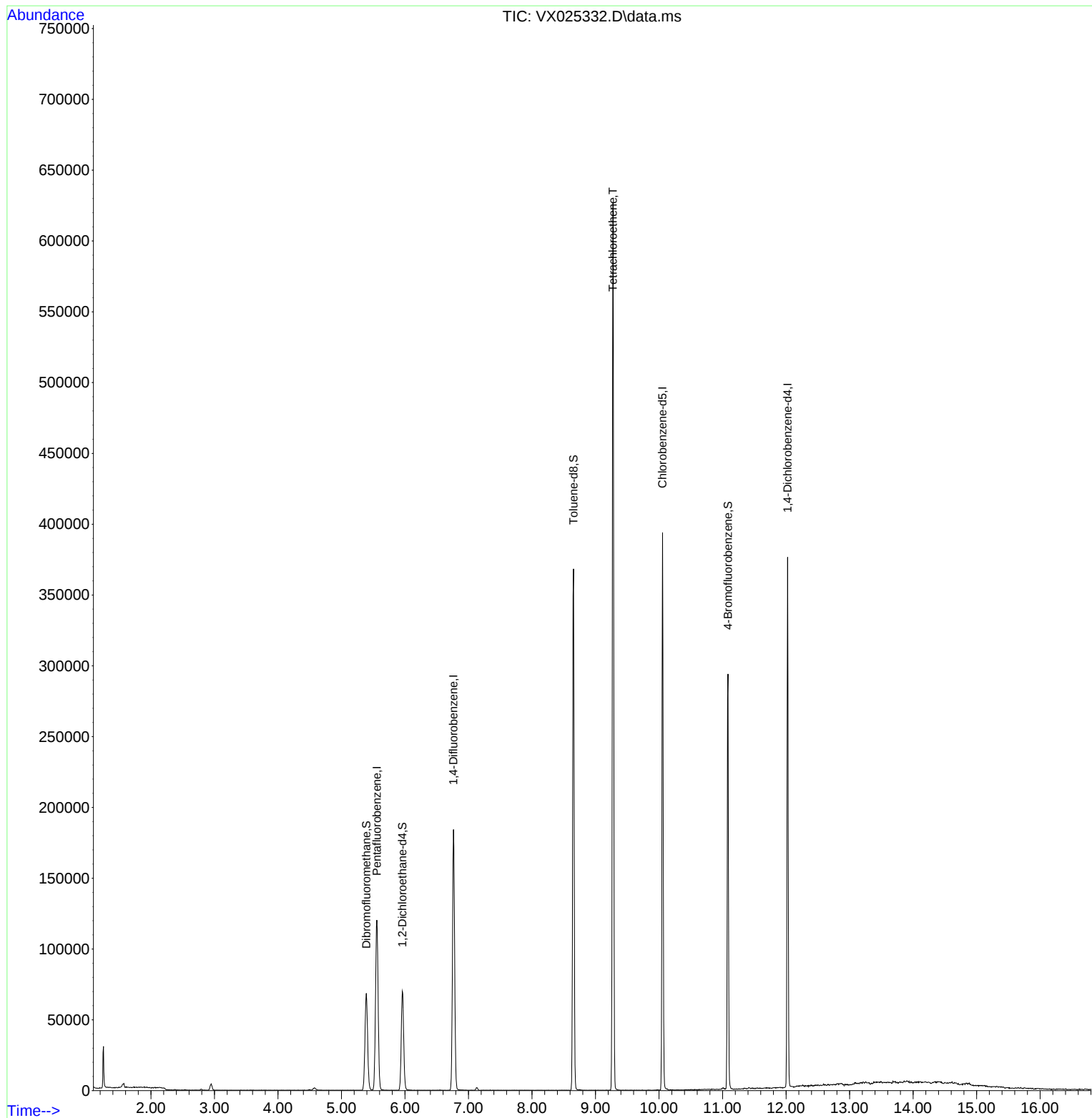
Internal Standards						
1) Pentafluorobenzene	5.556	168	124831	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	197089	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	175995	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	79731	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	66047	50.195	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	100.400%
35) Dibromofluoromethane	5.391	113	58884	48.694	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.380%
50) Toluene-d8	8.653	98	224205	49.312	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.620%
62) 4-Bromofluorobenzene	11.085	95	78647	45.723	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.440%
Target Compounds						
64) Tetrachloroethene	9.275	164	120393	82.958	ug/l	Qvalue 96

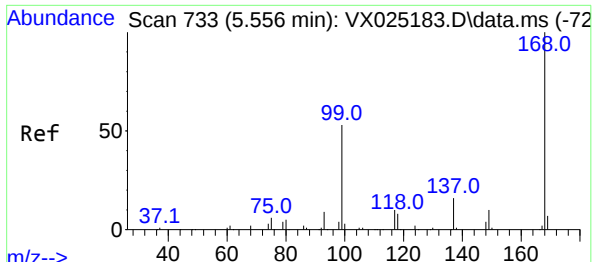
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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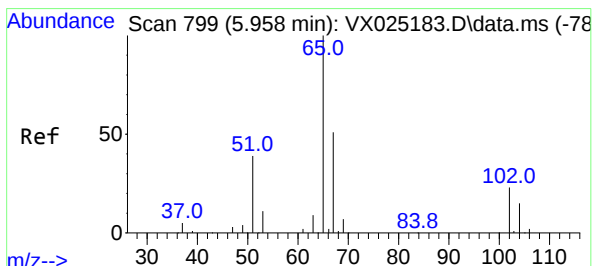
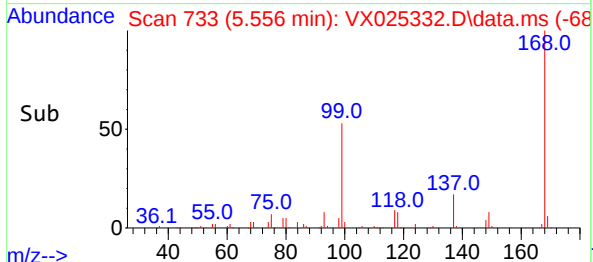
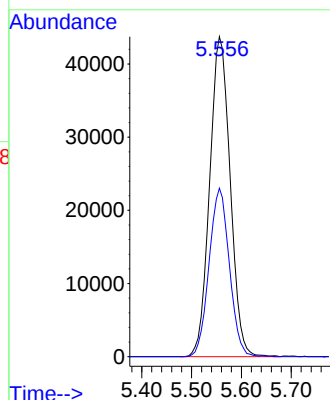
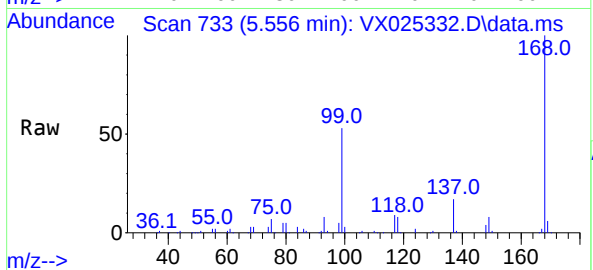




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.000 min
Lab File: VX025332.D
Acq: 24 Nov 2021 17:22

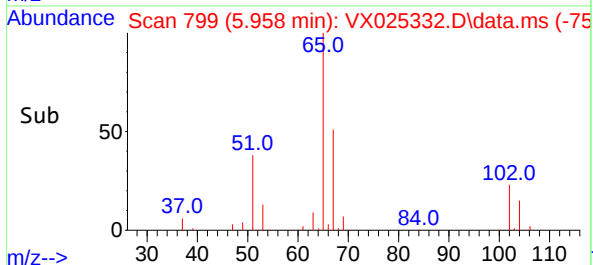
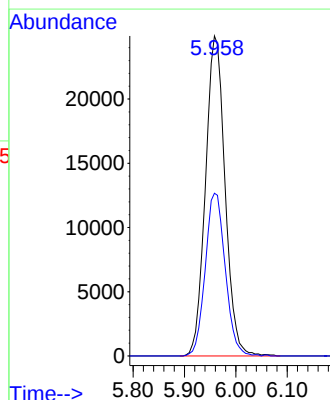
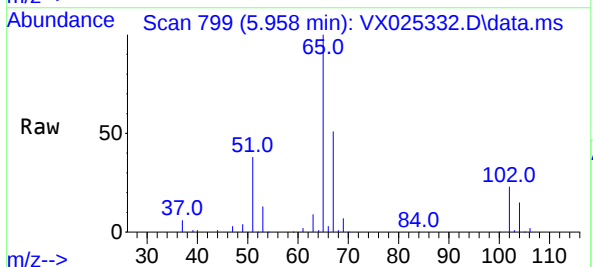
Instrument :
MSVOA_X
ClientSampleId :
MW-2

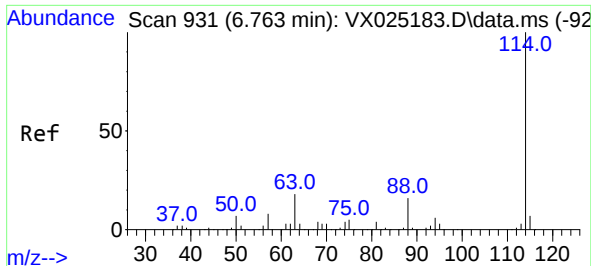
Tgt Ion:168 Resp: 124831
Ion Ratio Lower Upper
168 100
99 52.7 46.4 69.6



#33
1,2-Dichloroethane-d4
Concen: 50.195 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX025332.D
Acq: 24 Nov 2021 17:22

Tgt Ion: 65 Resp: 66047
Ion Ratio Lower Upper
65 100
67 51.8 0.0 101.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. -0.000 min

Lab File: VX025332.D

Acq: 24 Nov 2021 17:22

Instrument :

MSVOA_X

ClientSampleId :

MW-2

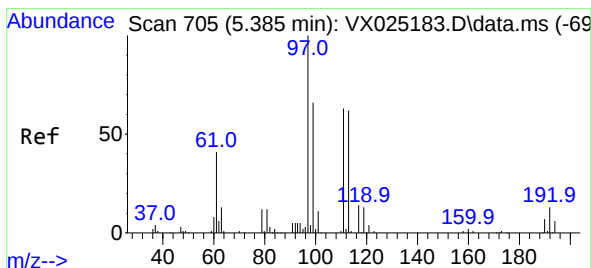
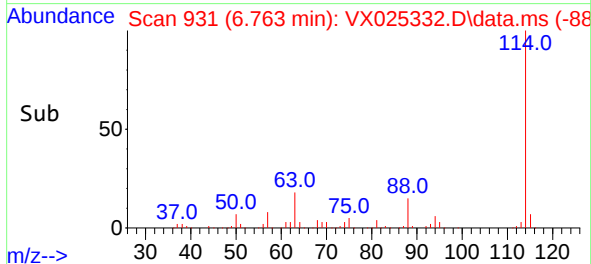
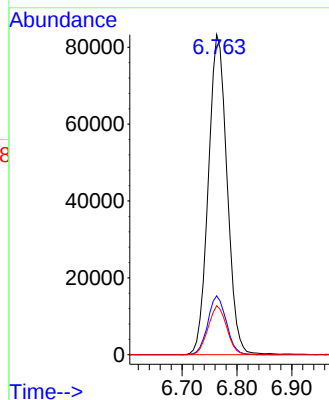
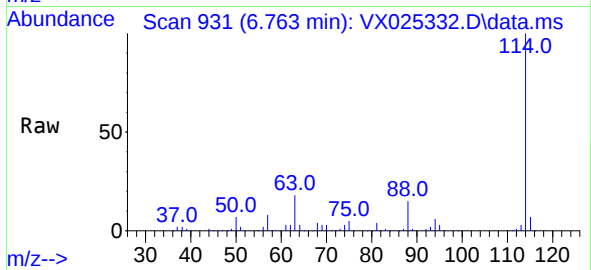
Tgt Ion:114 Resp: 197089

Ion Ratio Lower Upper

114 100

63 18.4 0.0 41.0

88 15.3 0.0 34.8



#35

Dibromofluoromethane

Concen: 48.694 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.006 min

Lab File: VX025332.D

Acq: 24 Nov 2021 17:22

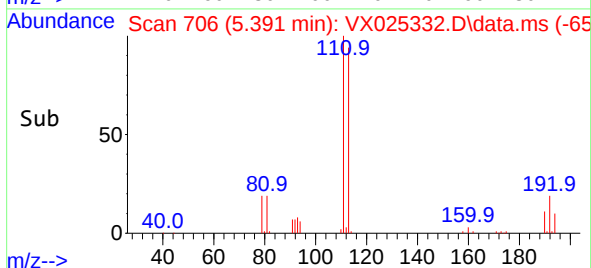
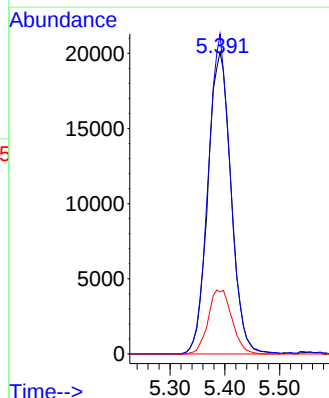
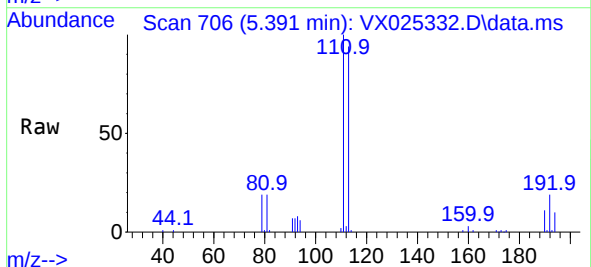
Tgt Ion:113 Resp: 58884

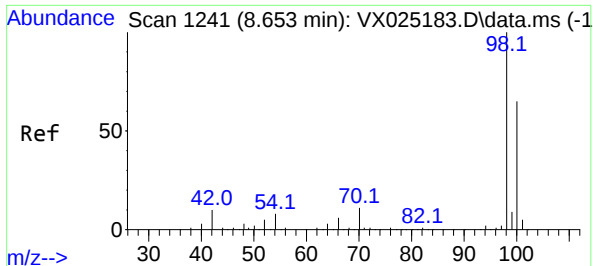
Ion Ratio Lower Upper

113 100

111 102.2 82.1 123.1

192 21.7 15.6 23.4

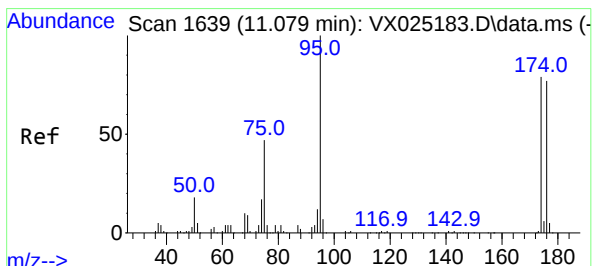
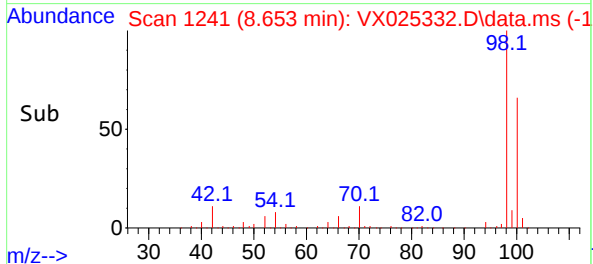
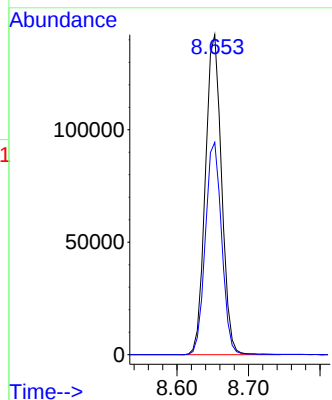
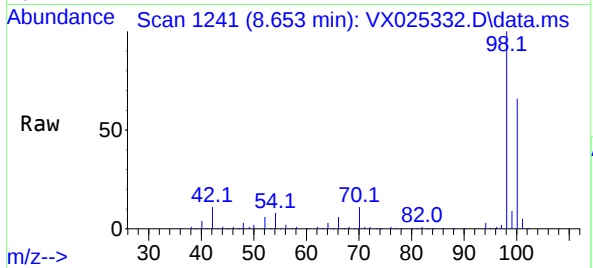




#50
Toluene-d8
Concen: 49.312 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025332.D
Acq: 24 Nov 2021 17:22

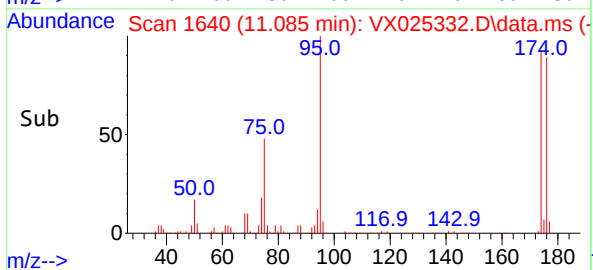
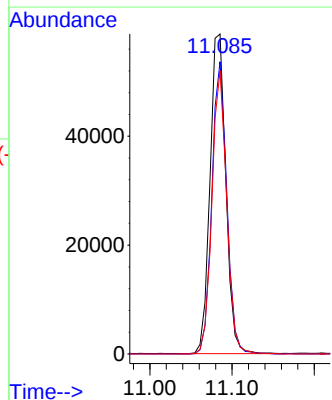
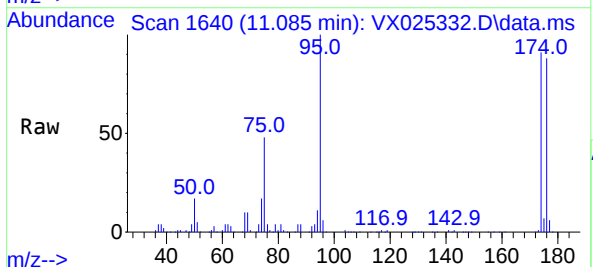
Instrument :
MSVOA_X
ClientSampleId :
MW-2

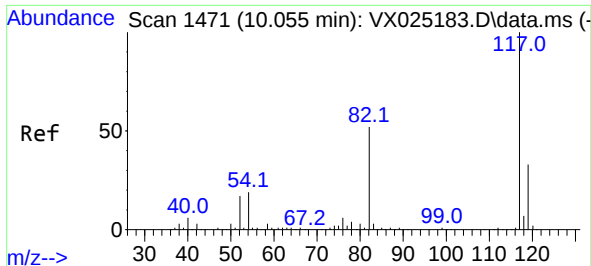
Tgt Ion: 98 Resp: 224205
Ion Ratio Lower Upper
98 100
100 66.8 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 45.723 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX025332.D
Acq: 24 Nov 2021 17:22

Tgt Ion: 95 Resp: 78647
Ion Ratio Lower Upper
95 100
174 86.2 0.0 158.0
176 82.8 0.0 153.6

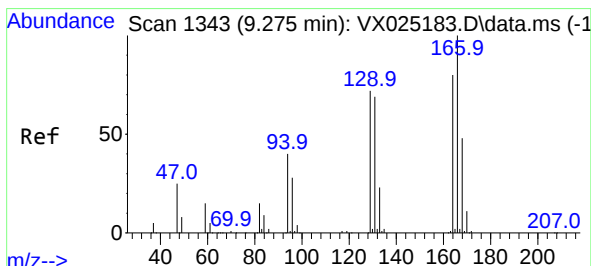
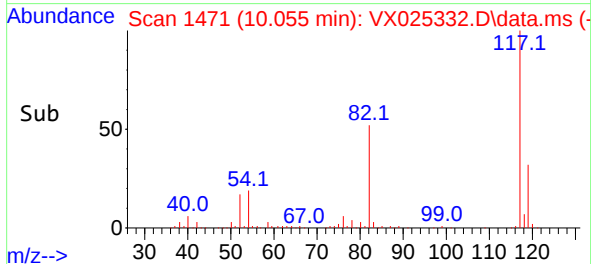
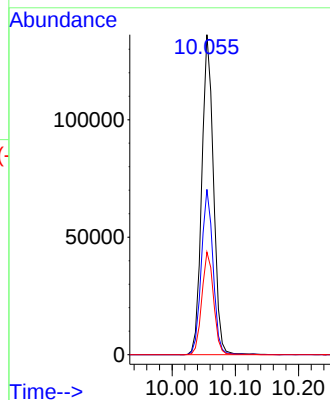
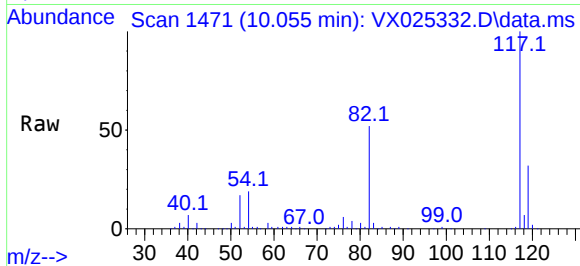




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX025332.D
Acq: 24 Nov 2021 17:22

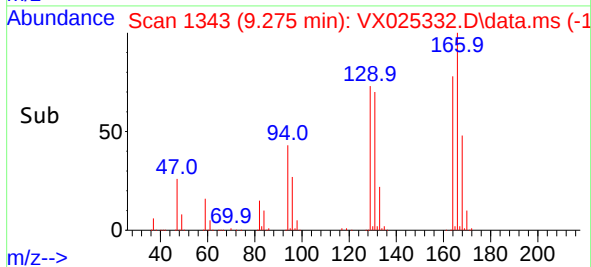
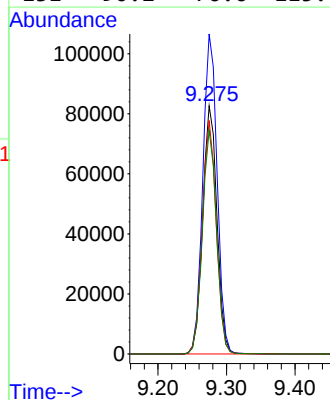
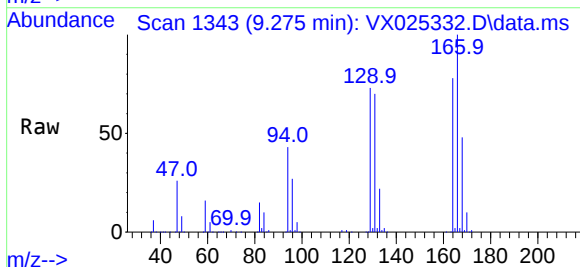
Instrument :
MSVOA_X
ClientSampleId :
MW-2

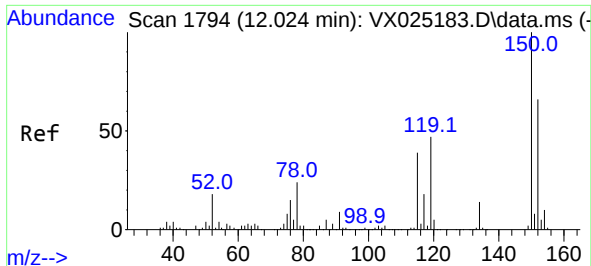
Tgt Ion:117 Resp: 175995
Ion Ratio Lower Upper
117 100
82 51.7 44.6 67.0
119 32.1 24.8 37.2



#64
Tetrachloroethene
Concen: 82.958 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX025332.D
Acq: 24 Nov 2021 17:22

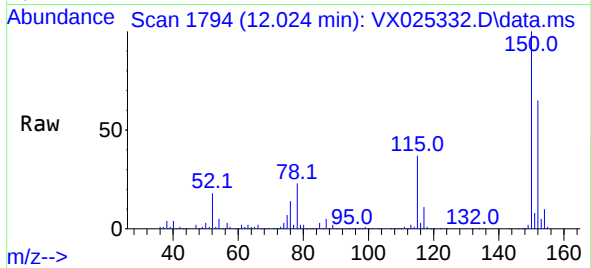
Tgt Ion:164 Resp: 120393
Ion Ratio Lower Upper
164 100
166 129.0 103.2 154.8
129 94.1 81.0 121.4
131 90.2 76.6 115.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX025332.D
 Acq: 24 Nov 2021 17:22

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2



Tgt Ion:152 Resp: 79731
 Ion Ratio Lower Upper
 152 100
 115 57.0 43.3 129.8
 150 156.4 0.0 351.2

