

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122122\
 Data File : VX033524.D
 Acq On : 21 Dec 2022 10:43
 Operator : JC/MD
 Sample : VX1221WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1221WBL01

Quant Time: Dec 22 03:54:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	173758	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	263586	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	230842	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	111132	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	43280	38.826	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	77.660%#
35) Dibromofluoromethane	5.385	113	53766	45.351	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.700%
50) Toluene-d8	8.647	98	108596	43.787	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	87.580%#
62) 4-Bromofluorobenzene	11.079	95	87578	46.183	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.360%

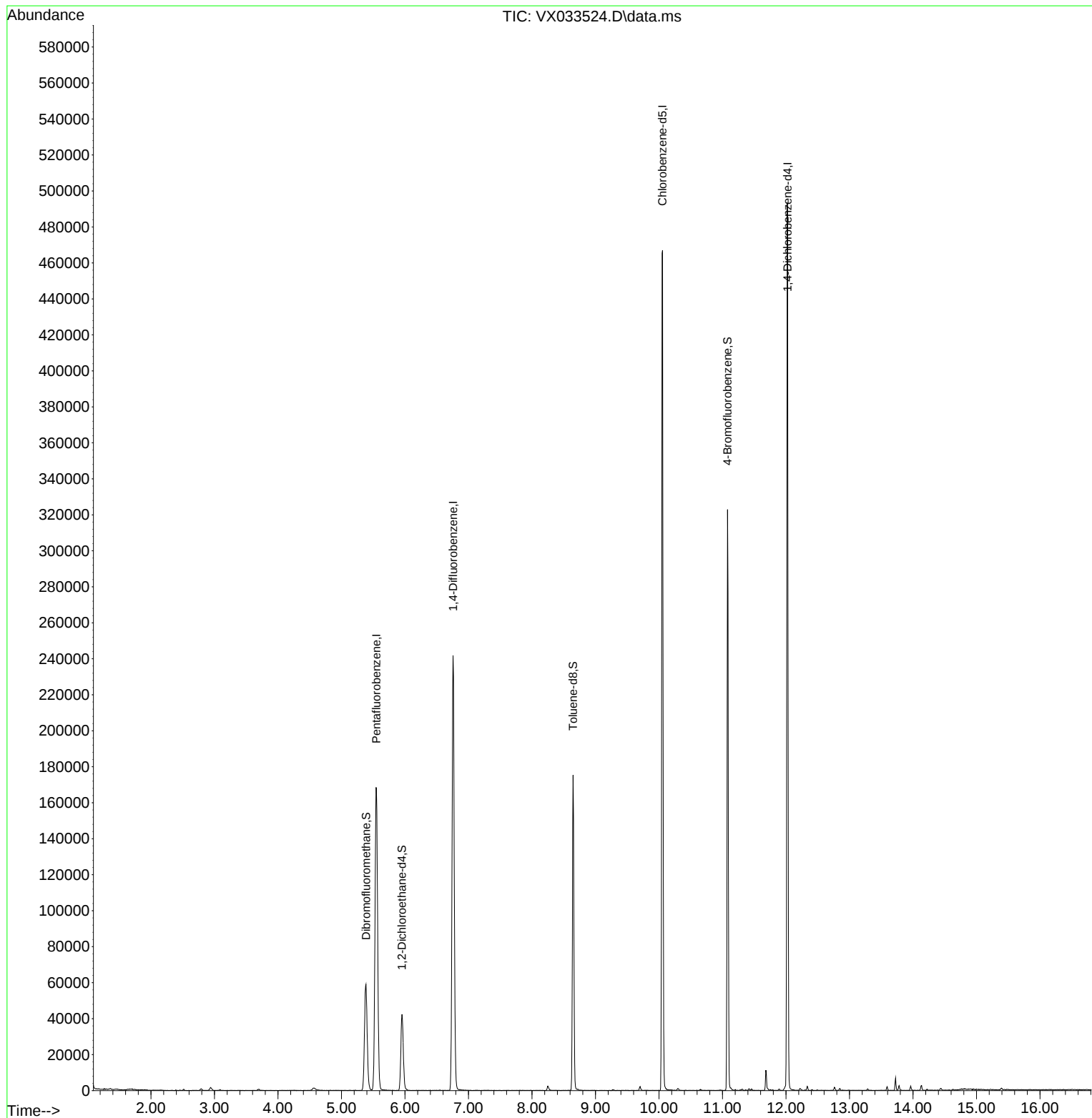
Target Compounds	Qvalue

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

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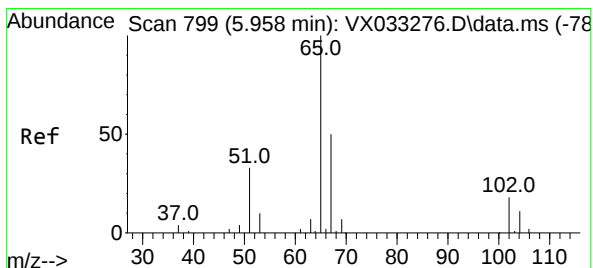
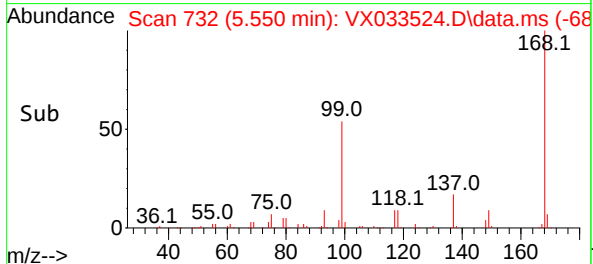
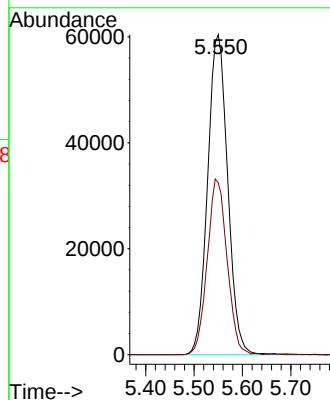
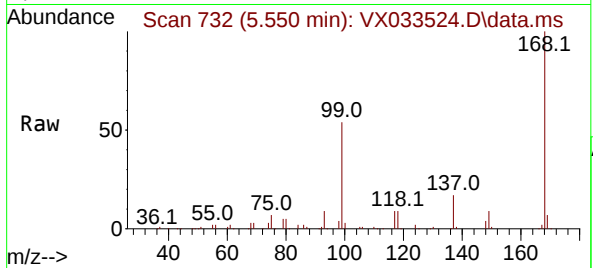




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 713
Delta R.T. -0.006 min
Lab File: VX033524.D
Acq: 21 Dec 2022 10:43

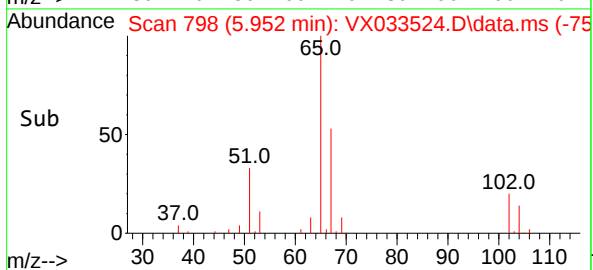
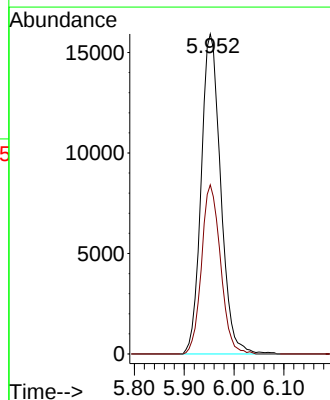
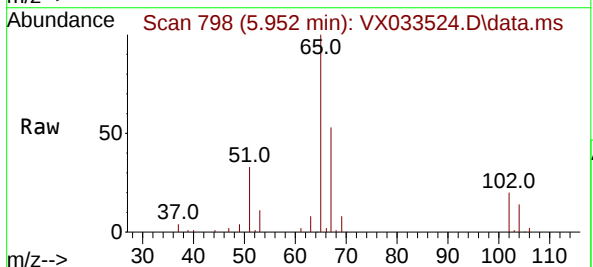
Instrument :
MSVOA_X
ClientSampleId :
VX1221WBL01

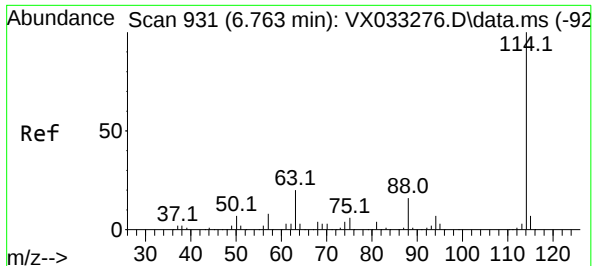
Tgt Ion:168 Resp: 173758
Ion Ratio Lower Upper
168 100
99 53.7 46.1 69.1



#33
1,2-Dichloroethane-d4
Concen: 38.826 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX033524.D
Acq: 21 Dec 2022 10:43

Tgt Ion: 65 Resp: 43280
Ion Ratio Lower Upper
65 100
67 51.4 0.0 101.8

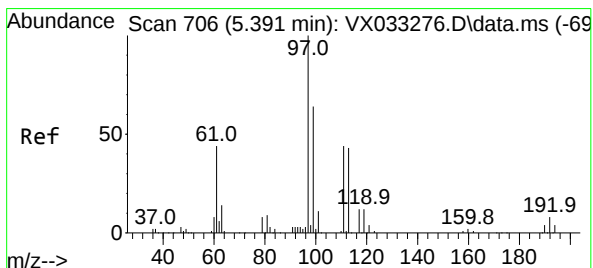
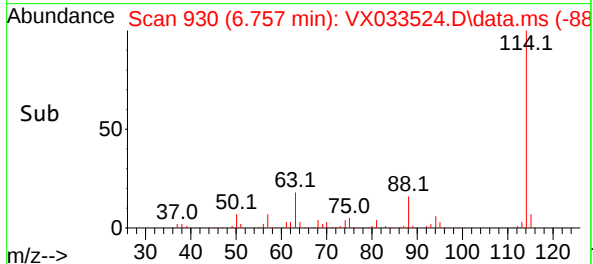
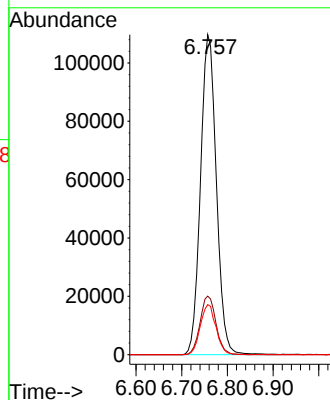
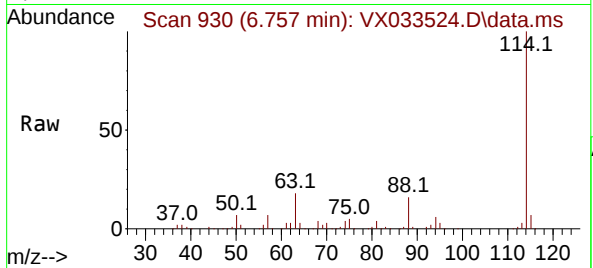




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX033524.D
Acq: 21 Dec 2022 10:43

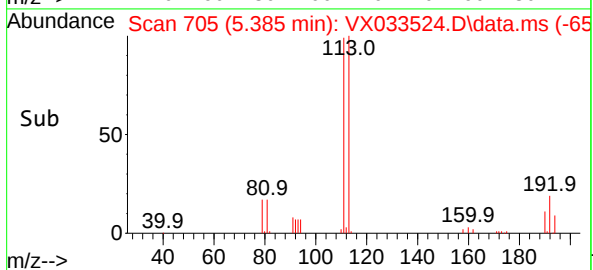
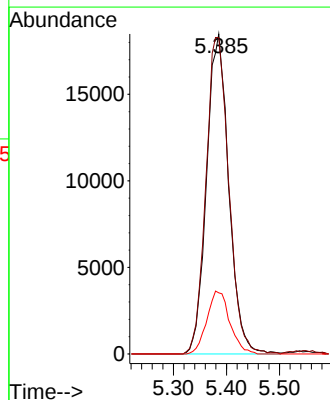
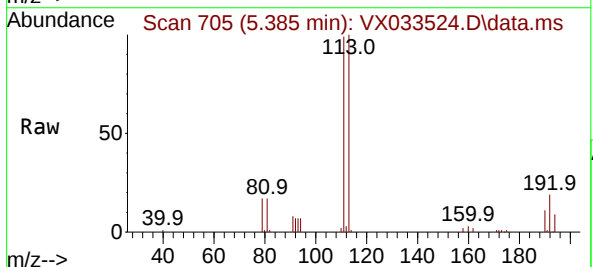
Instrument :
MSVOA_X
ClientSampleId :
VX1221WBL01

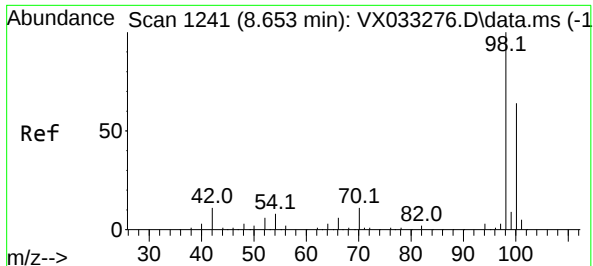
Tgt Ion:114 Resp: 263586
Ion Ratio Lower Upper
114 100
63 18.3 0.0 41.6
88 15.6 0.0 33.4



#35
Dibromofluoromethane
Concen: 45.351 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX033524.D
Acq: 21 Dec 2022 10:43

Tgt Ion:113 Resp: 53766
Ion Ratio Lower Upper
113 100
111 102.2 82.4 123.6
192 20.2 15.4 23.2





#50

Toluene-d8

Concen: 43.787 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX033524.D

Acq: 21 Dec 2022 10:43

Instrument :

MSVOA_X

ClientSampleId :

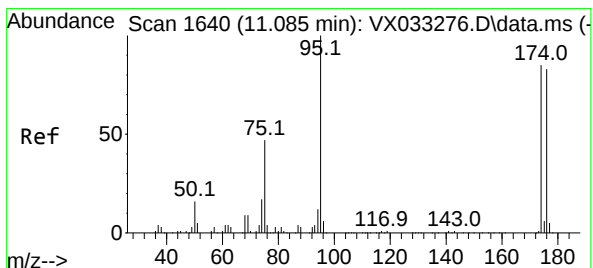
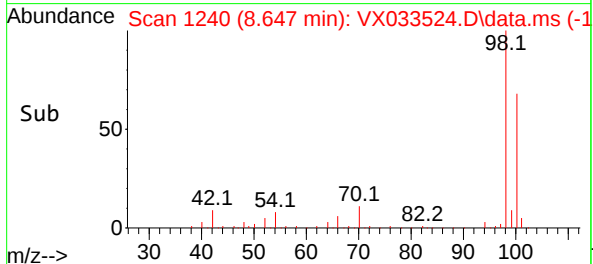
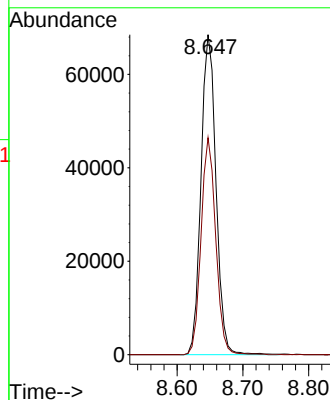
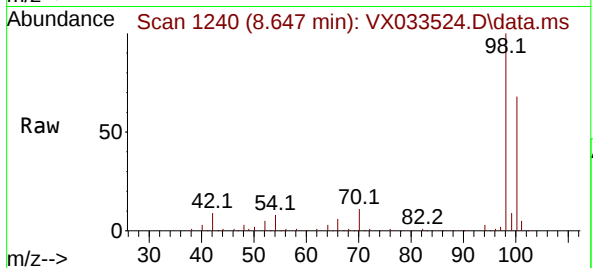
VX1221WBL01

Tgt Ion: 98 Resp: 108596

Ion Ratio Lower Upper

98 100

100 66.3 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 46.183 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX033524.D

Acq: 21 Dec 2022 10:43

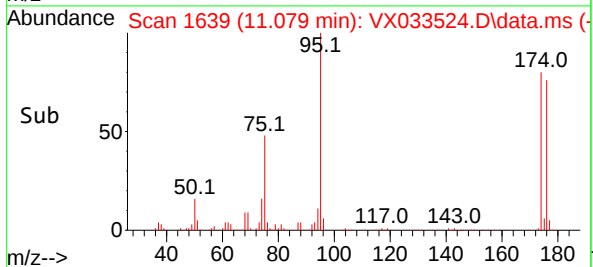
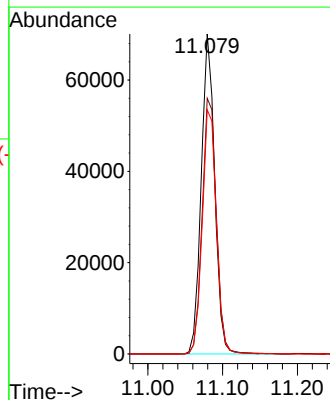
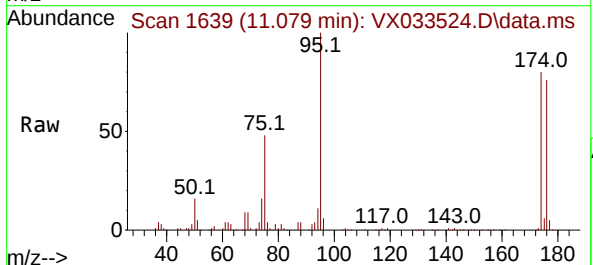
Tgt Ion: 95 Resp: 87578

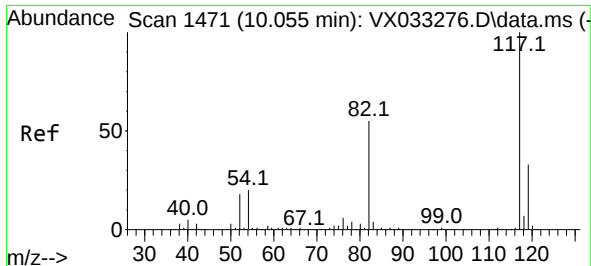
Ion Ratio Lower Upper

95 100

174 84.3 0.0 164.0

176 80.1 0.0 154.4

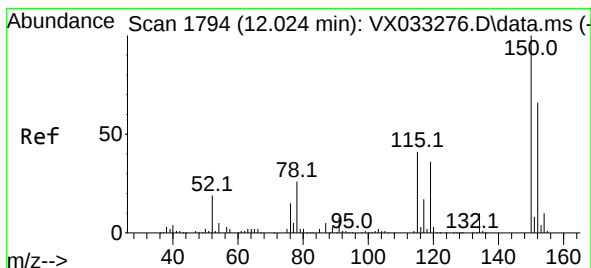
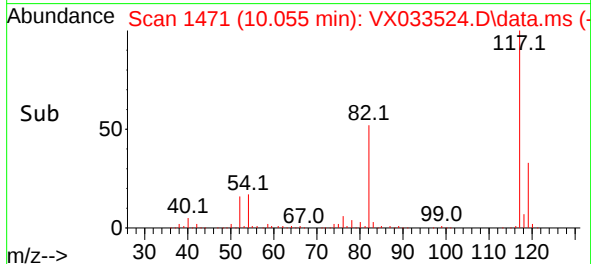
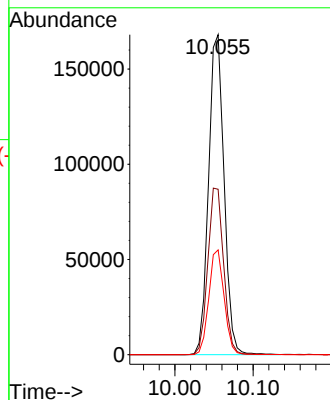
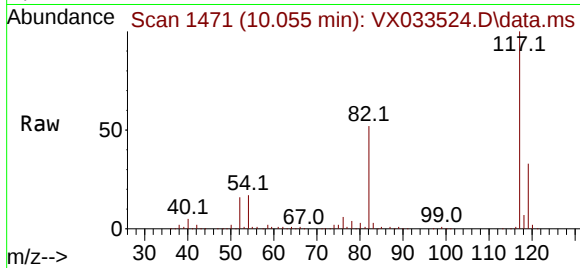




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033524.D
Acq: 21 Dec 2022 10:43

Instrument :
MSVOA_X
ClientSampleId :
VX1221WBL01

Tgt Ion:117 Resp: 230842
Ion Ratio Lower Upper
117 100
82 51.7 44.3 66.5
119 32.8 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: VX033524.D
Acq: 21 Dec 2022 10:43

Tgt Ion:152 Resp: 111132
Ion Ratio Lower Upper
152 100
115 59.3 44.0 132.0
150 156.3 0.0 351.8

