

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030123\
 Data File : VX034291.D
 Acq On : 01 Mar 2023 15:53
 Operator : JC/MD
 Sample : 01762-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 W-1

Quant Time: Mar 02 00:43:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	273899	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	449006	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	400032	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	179057	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	161447	43.767	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.540%
35) Dibromofluoromethane	5.379	113	141072	48.255	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.520%
50) Toluene-d8	8.647	98	537905	51.247	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.500%
62) 4-Bromofluorobenzene	11.079	95	182247	45.393	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.780%

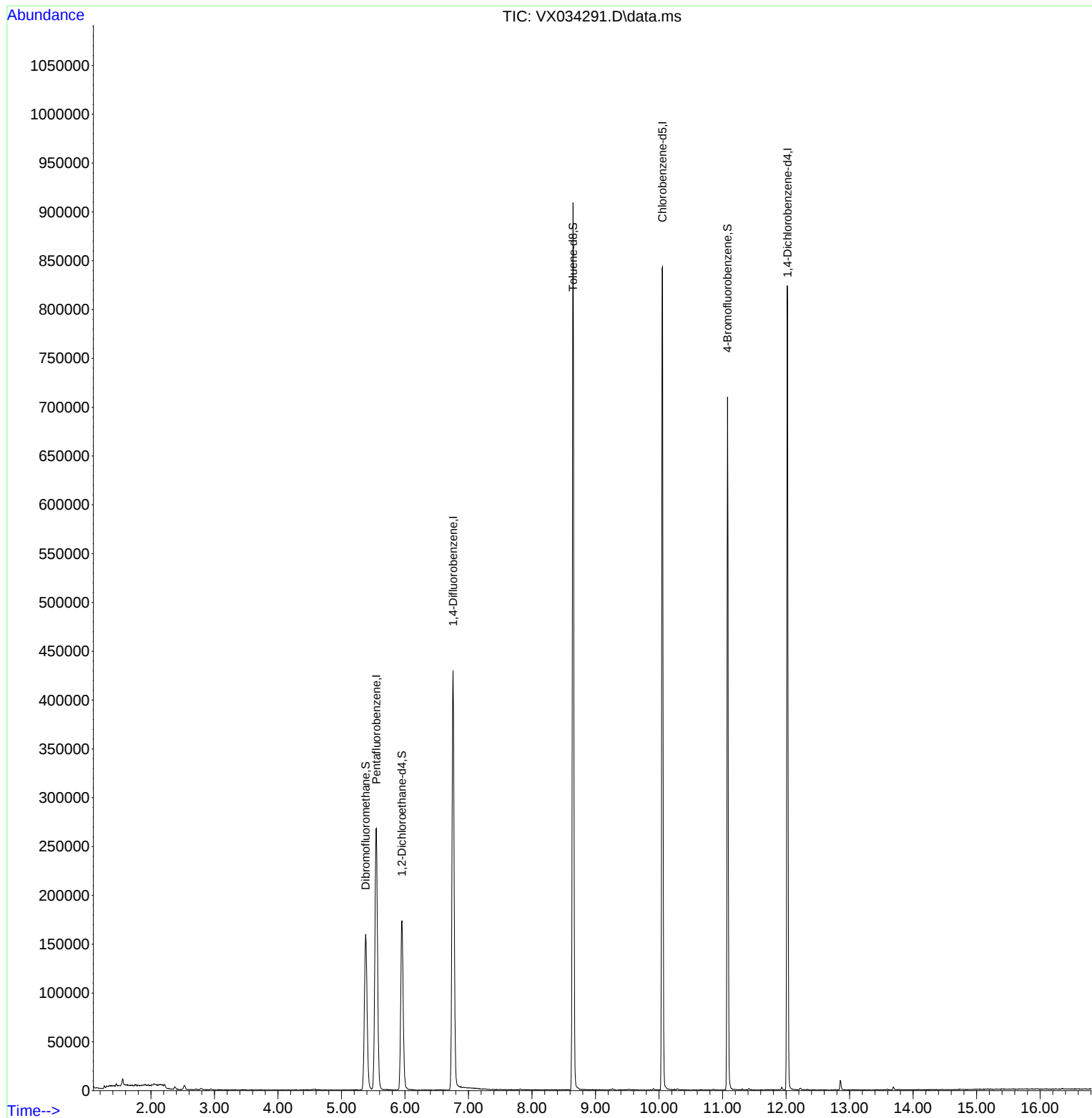
Target Compounds	Qvalue

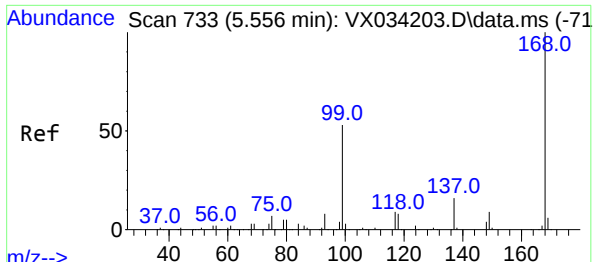
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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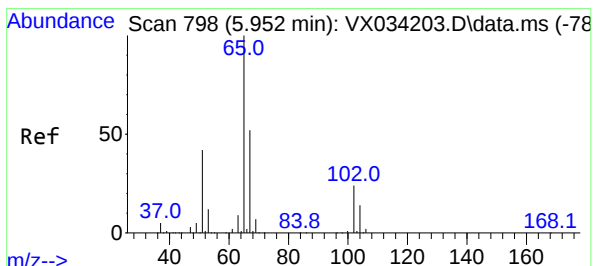
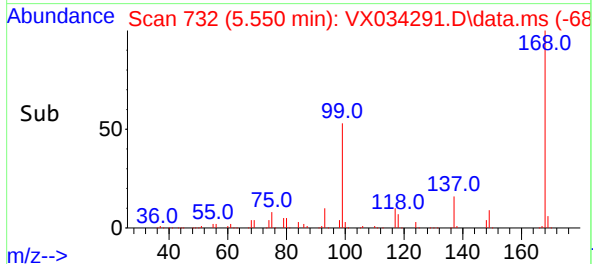
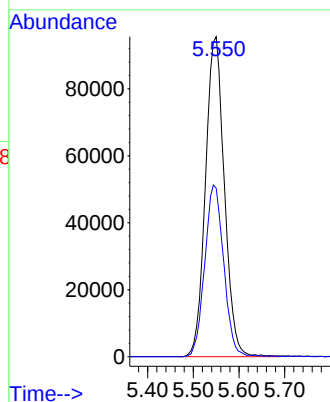
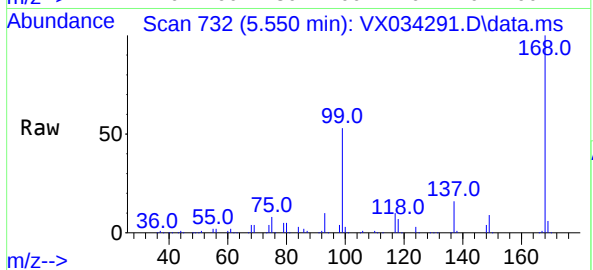




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034291.D
Acq: 01 Mar 2023 15:53

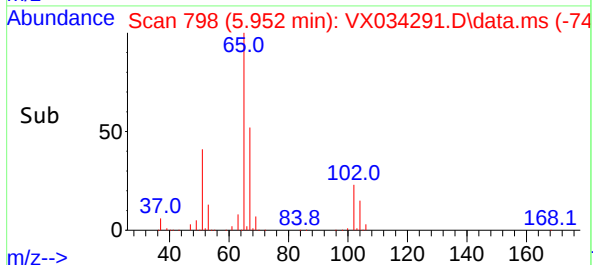
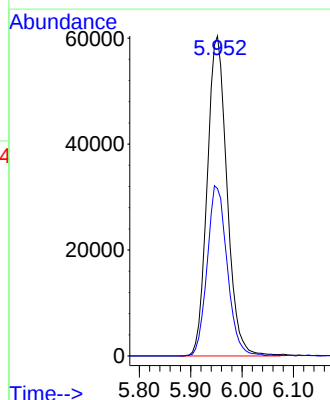
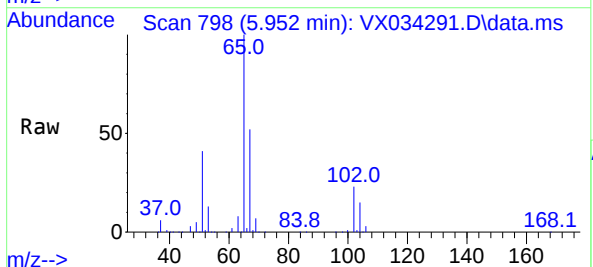
Instrument :
MSVOA_X
ClientSampleId :
W-1

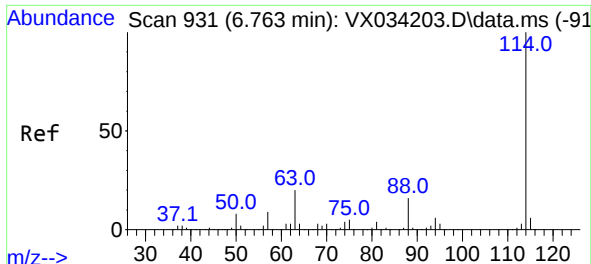
Tgt Ion:168 Resp: 273899
Ion Ratio Lower Upper
168 100
99 52.7 39.6 59.4



#33
1,2-Dichloroethane-d4
Concen: 43.767 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX034291.D
Acq: 01 Mar 2023 15:53

Tgt Ion: 65 Resp: 161447
Ion Ratio Lower Upper
65 100
67 53.9 0.0 104.8

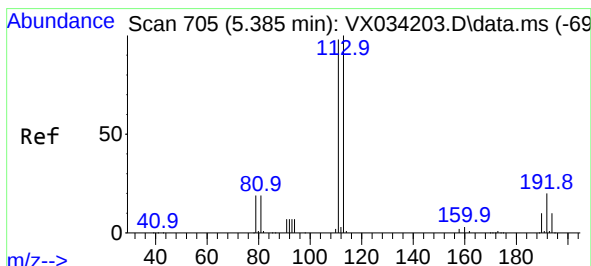
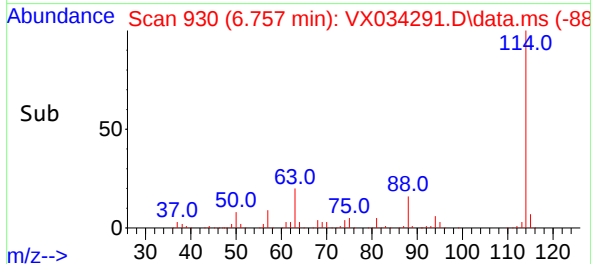
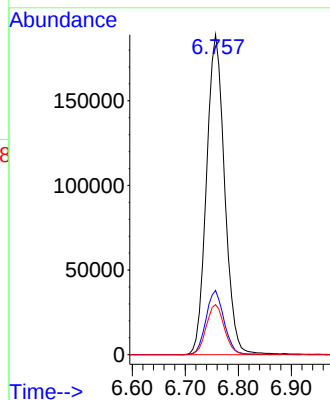
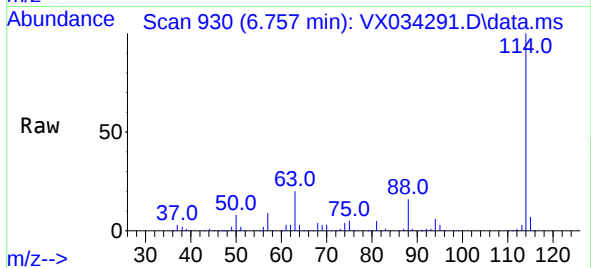




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX034291.D
Acq: 01 Mar 2023 15:53

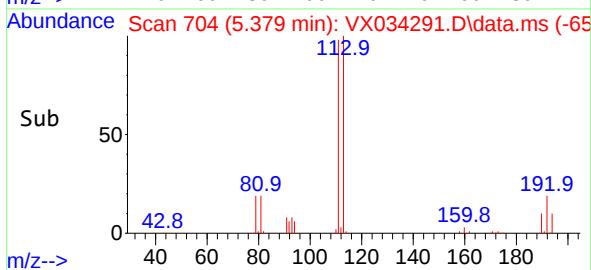
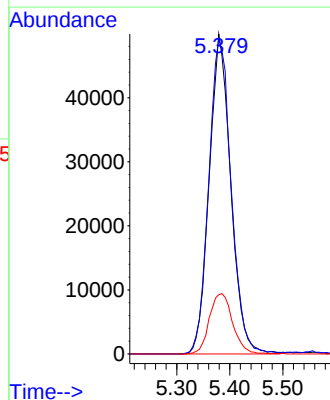
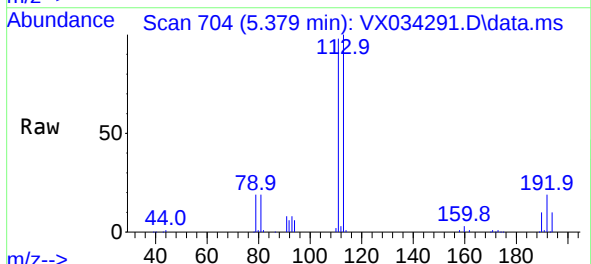
Instrument :
MSVOA_X
ClientSampleId :
W-1

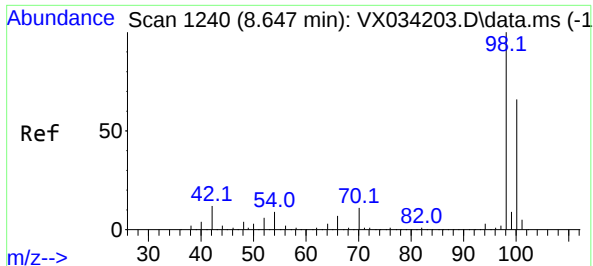
Tgt Ion:114 Resp: 449006
Ion Ratio Lower Upper
114 100
63 20.1 0.0 37.4
88 15.7 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.255 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX034291.D
Acq: 01 Mar 2023 15:53

Tgt Ion:113 Resp: 141072
Ion Ratio Lower Upper
113 100
111 102.9 83.0 124.6
192 20.4 19.0 28.4





#50

Toluene-d8

Concen: 51.247 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX034291.D

Acq: 01 Mar 2023 15:53

Instrument :

MSVOA_X

ClientSampleId :

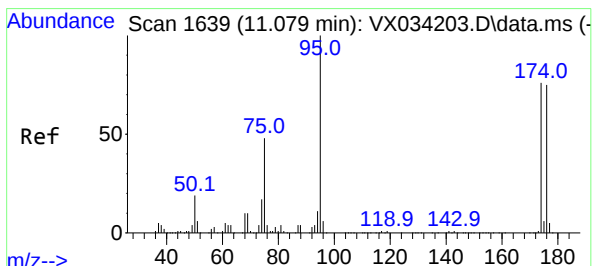
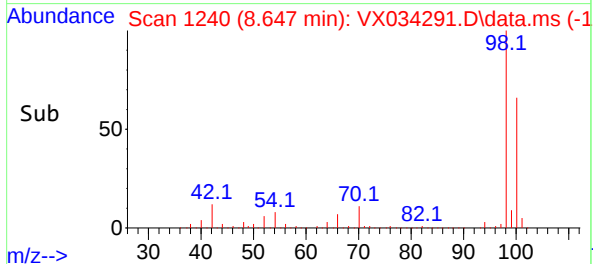
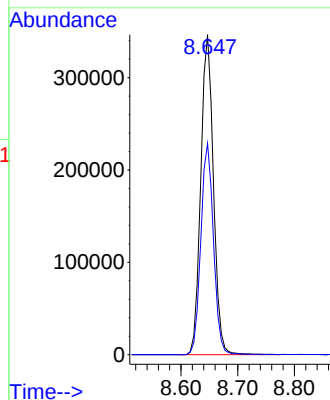
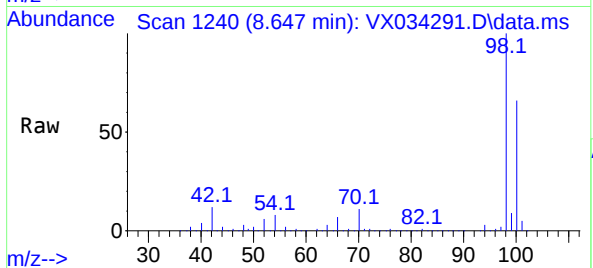
W-1

Tgt Ion: 98 Resp: 537905

Ion Ratio Lower Upper

98 100

100 65.9 53.6 80.4



#62

4-Bromofluorobenzene

Concen: 45.393 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX034291.D

Acq: 01 Mar 2023 15:53

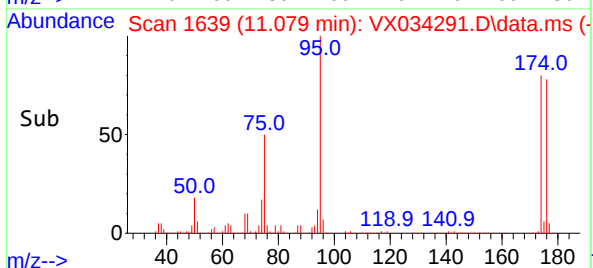
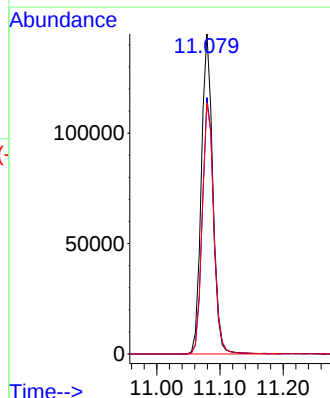
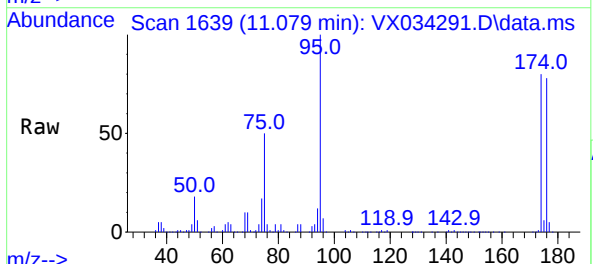
Tgt Ion: 95 Resp: 182247

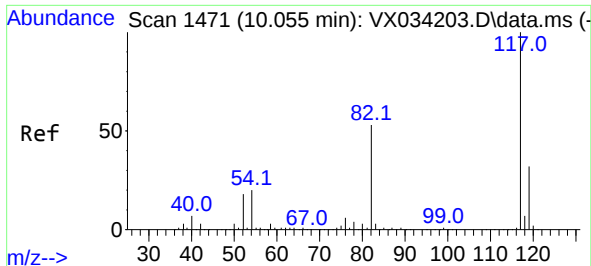
Ion Ratio Lower Upper

95 100

174 80.6 0.0 184.4

176 79.4 0.0 178.8

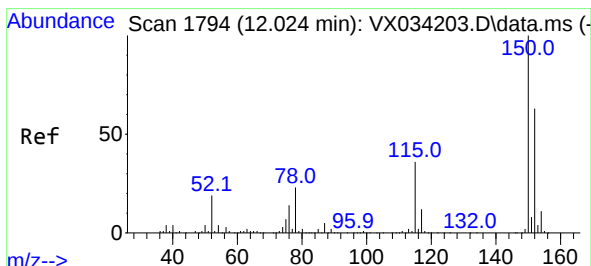
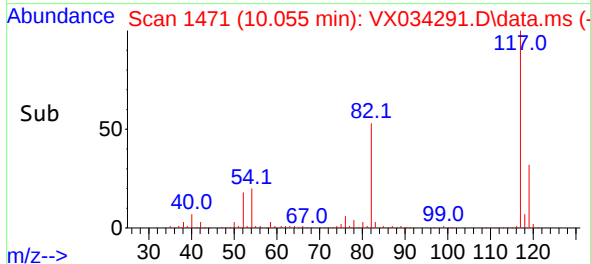
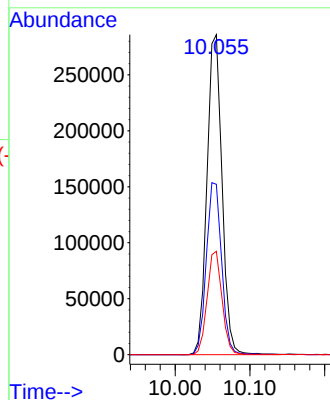
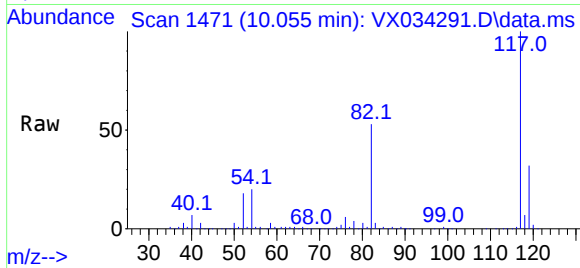




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034291.D
Acq: 01 Mar 2023 15:53

Instrument :
MSVOA_X
ClientSampleId :
W-1

Tgt Ion:117 Resp: 400032
Ion Ratio Lower Upper
117 100
82 53.3 40.6 60.8
119 32.3 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034291.D
Acq: 01 Mar 2023 15:53

Tgt Ion:152 Resp: 179057
Ion Ratio Lower Upper
152 100
115 57.4 38.7 116.1
150 156.4 0.0 348.2

