

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022023\
 Data File : VX034181.D
 Acq On : 20 Feb 2023 12:40
 Operator : JC/MD
 Sample : 01611-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-2023-2-16

Quant Time: Feb 21 01:06:12 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	364150	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	607399	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	531254	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	231772	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	213747	43.584	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.160%
35) Dibromofluoromethane	5.385	113	190291	48.117	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.240%
50) Toluene-d8	8.647	98	723131	50.929	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.860%
62) 4-Bromofluorobenzene	11.079	95	244808	45.075	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.140%

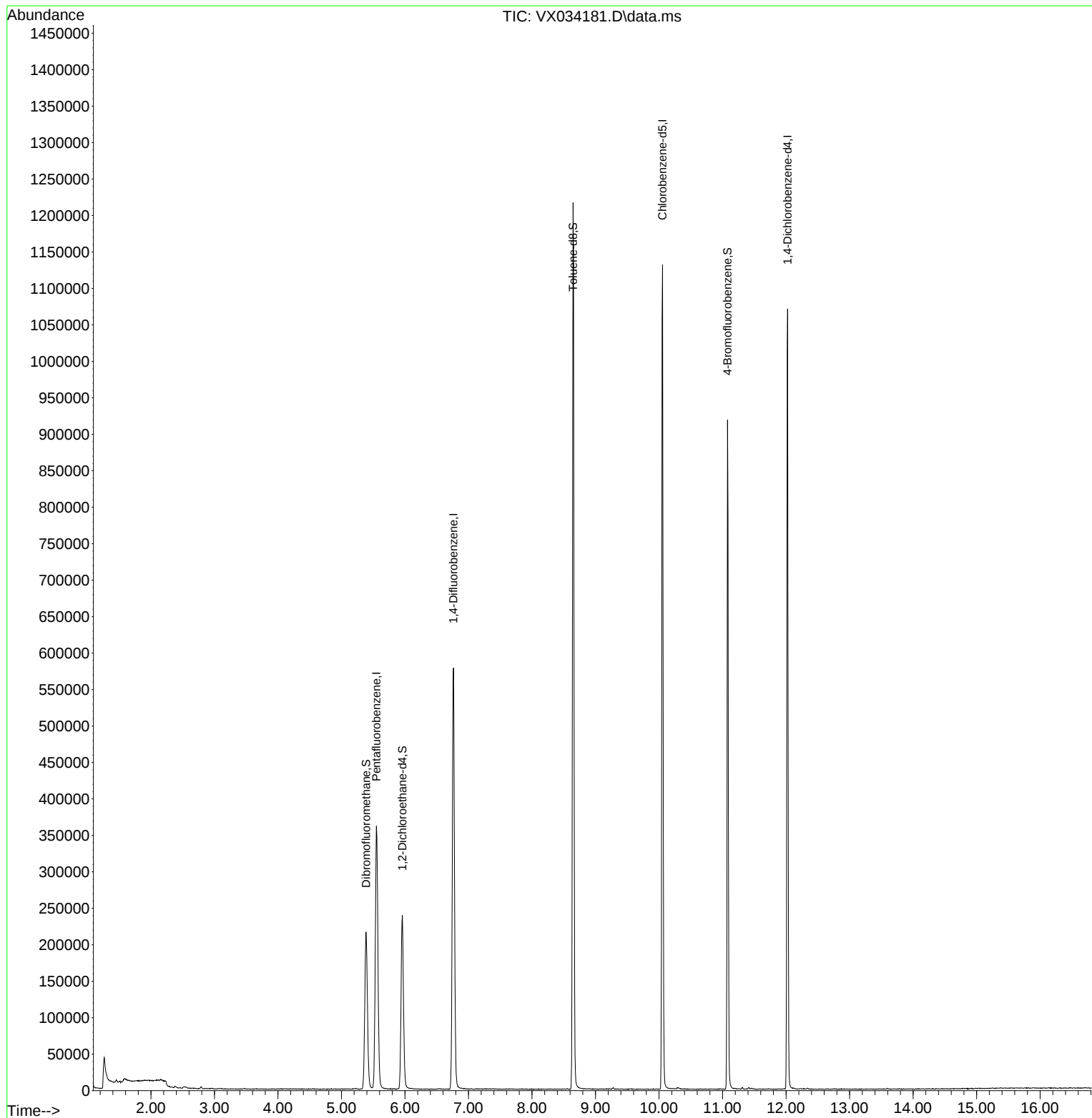
Target Compounds	Qvalue

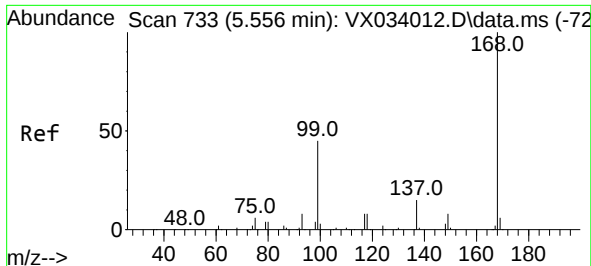
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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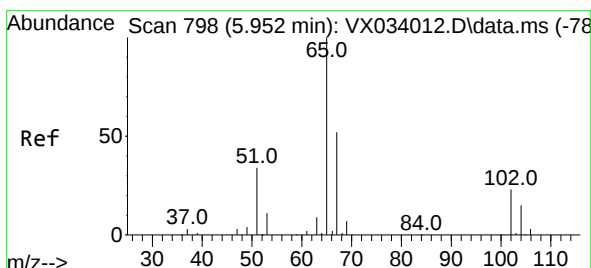
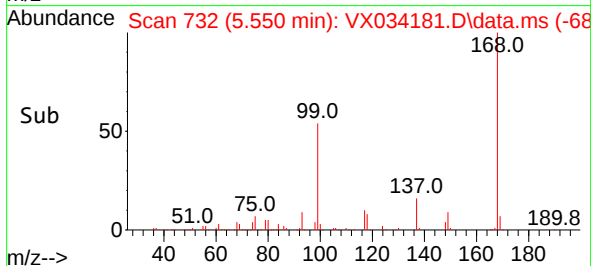
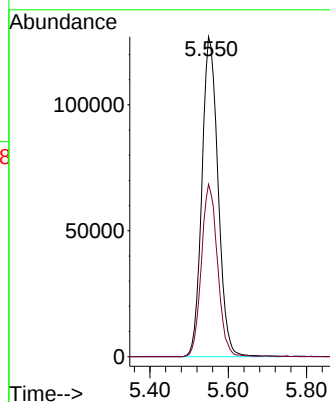
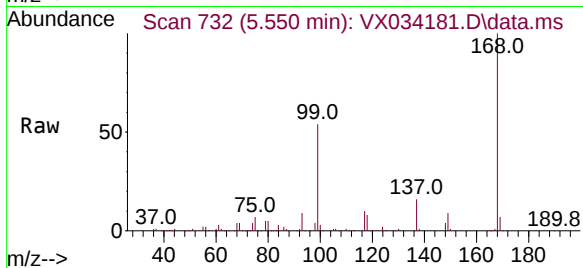




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 713
Delta R.T. -0.000 min
Lab File: VX034181.D
Acq: 20 Feb 2023 12:40

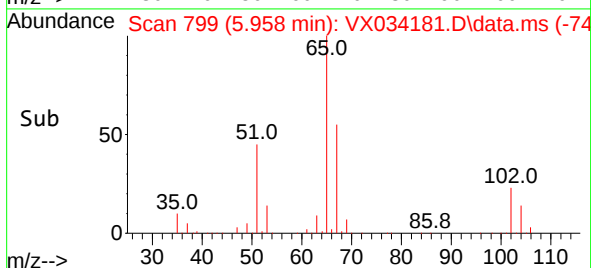
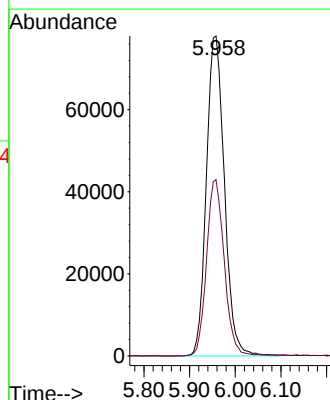
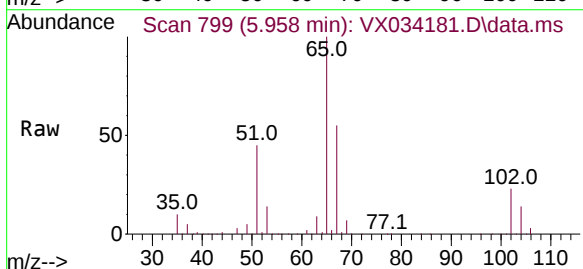
Instrument :
MSVOA_X
ClientSampleId :
TB-2023-2-16

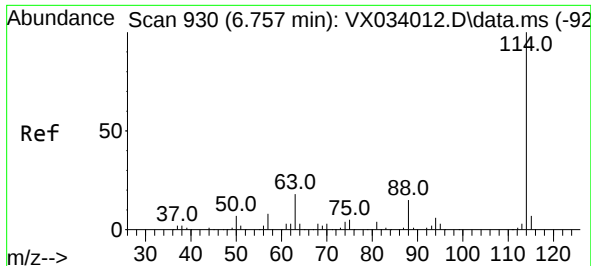
Tgt Ion:168 Resp: 364150
Ion Ratio Lower Upper
168 100
99 53.9 39.6 59.4



#33
1,2-Dichloroethane-d4
Concen: 43.584 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX034181.D
Acq: 20 Feb 2023 12:40

Tgt Ion: 65 Resp: 213747
Ion Ratio Lower Upper
65 100
67 54.3 0.0 104.8

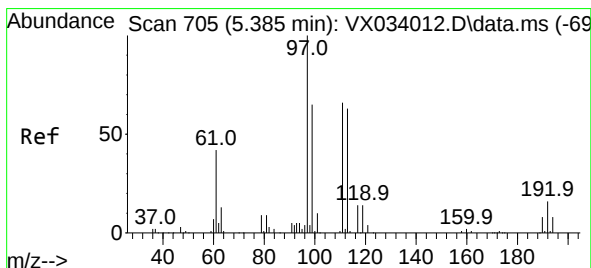
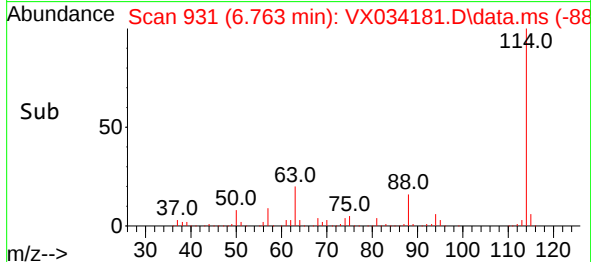
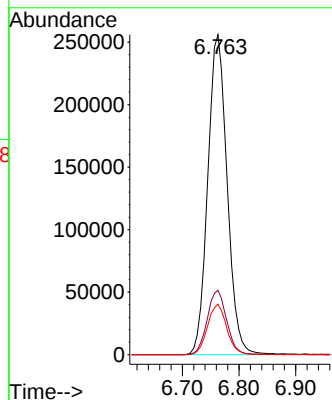
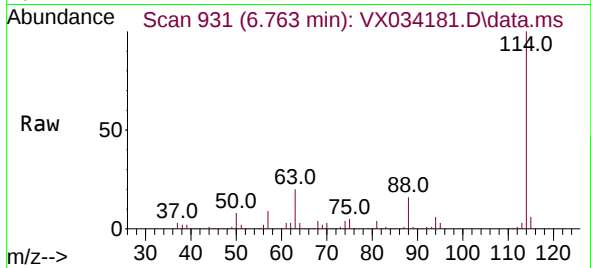




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX034181.D
Acq: 20 Feb 2023 12:40

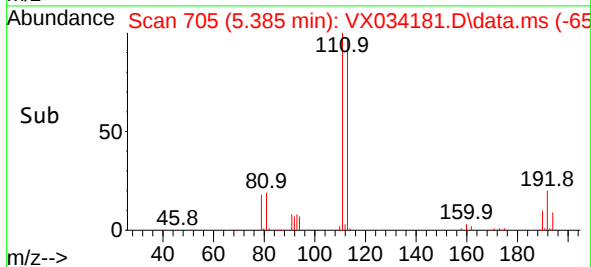
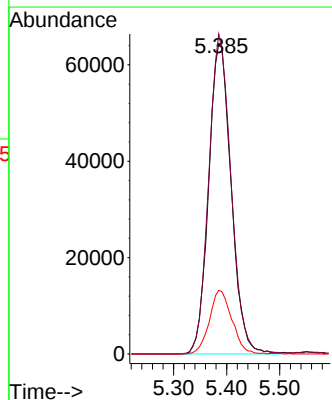
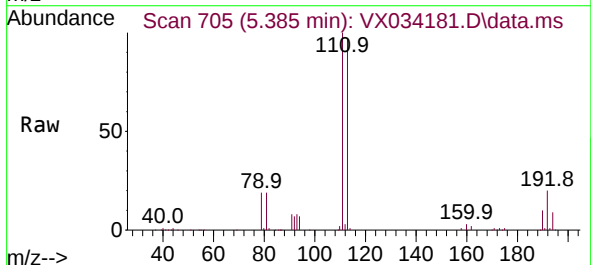
Instrument :
MSVOA_X
ClientSampleId :
TB-2023-2-16

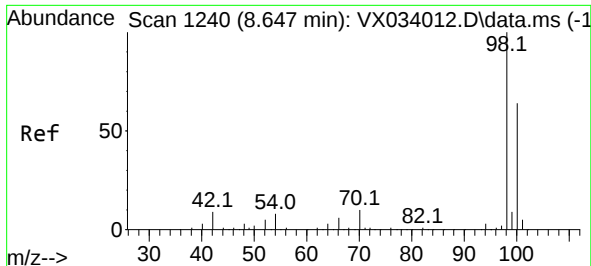
Tgt Ion:114 Resp: 607399
Ion Ratio Lower Upper
114 100
63 20.2 0.0 37.4
88 15.8 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.117 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX034181.D
Acq: 20 Feb 2023 12:40

Tgt Ion:113 Resp: 190291
Ion Ratio Lower Upper
113 100
111 102.0 83.0 124.6
192 20.4 19.0 28.4

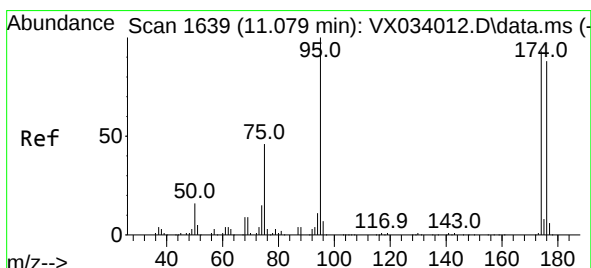
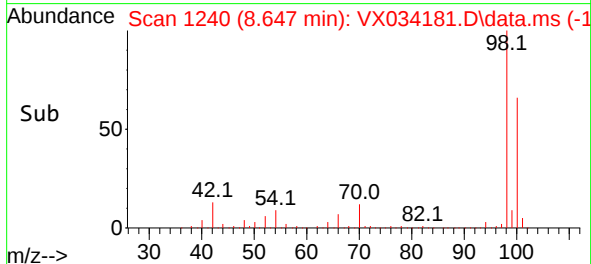
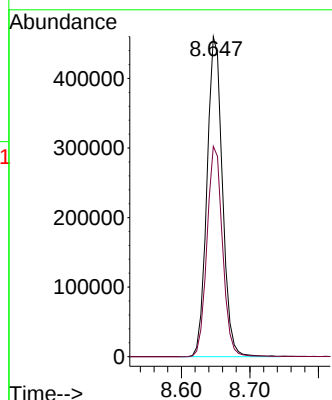
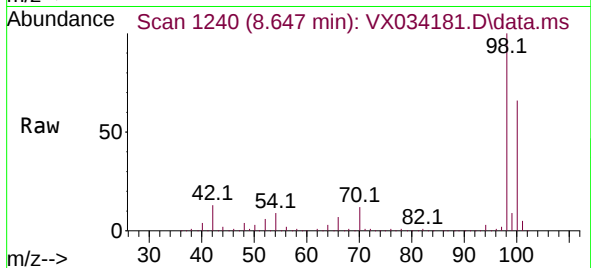




#50
Toluene-d8
Concen: 50.929 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034181.D
Acq: 20 Feb 2023 12:40

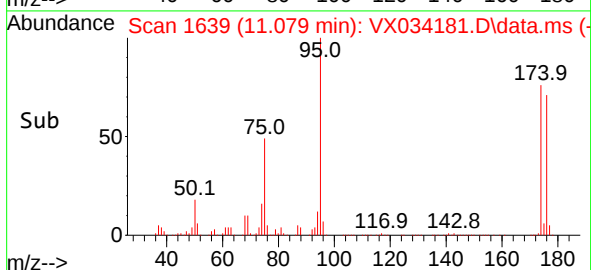
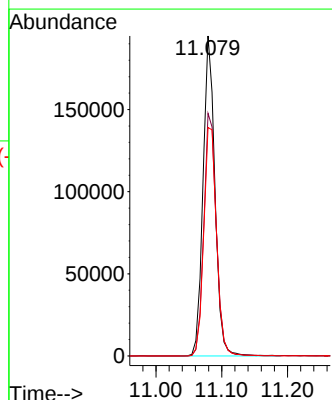
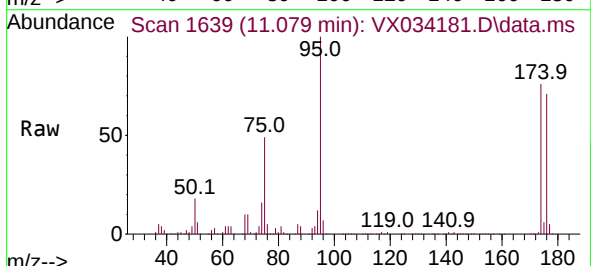
Instrument :
MSVOA_X
ClientSampleId :
TB-2023-2-16

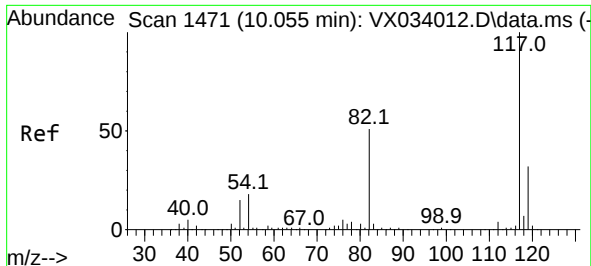
Tgt Ion: 98 Resp: 723131
Ion Ratio Lower Upper
98 100
100 66.2 53.6 80.4



#62
4-Bromofluorobenzene
Concen: 45.075 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034181.D
Acq: 20 Feb 2023 12:40

Tgt Ion: 95 Resp: 244808
Ion Ratio Lower Upper
95 100
174 79.4 0.0 184.4
176 77.0 0.0 178.8

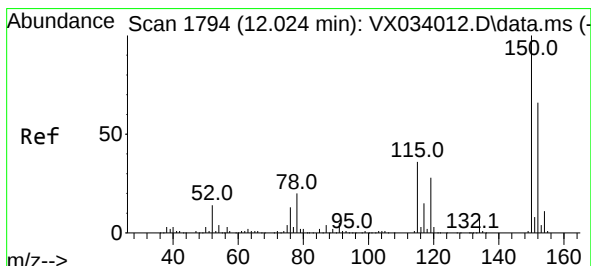
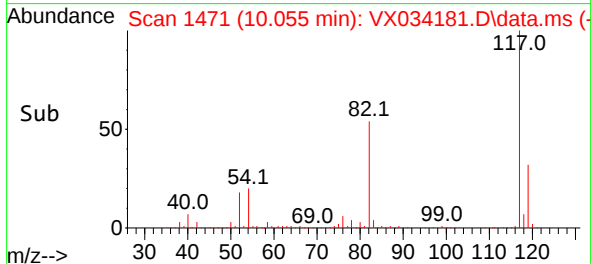
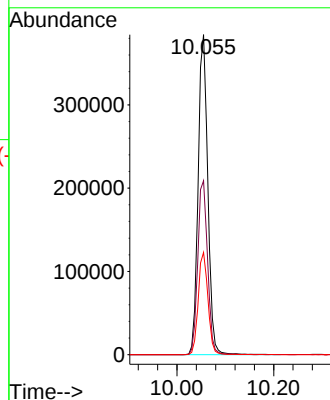
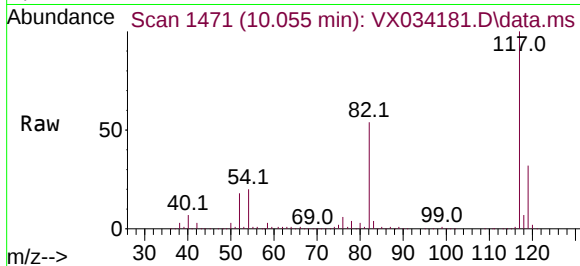




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034181.D
Acq: 20 Feb 2023 12:40

Instrument :
MSVOA_X
ClientSampleId :
TB-2023-2-16

Tgt Ion:117 Resp: 531254
Ion Ratio Lower Upper
117 100
82 54.3 40.6 60.8
119 31.9 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: VX034181.D
Acq: 20 Feb 2023 12:40

Tgt Ion:152 Resp: 231772
Ion Ratio Lower Upper
152 100
115 57.7 38.7 116.1
150 157.1 0.0 348.2

