

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111522\
 Data File : VX032856.D
 Acq On : 16 Nov 2022 09:16
 Operator : JC/MD
 Sample : N5640-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3D

Quant Time: Nov 16 14:43:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	103116	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	172437	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	157136	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	72974	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	73524	51.316	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.640%
35) Dibromofluoromethane	5.385	113	58524	47.580	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.160%
50) Toluene-d8	8.647	98	213337	49.880	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.760%
62) 4-Bromofluorobenzene	11.079	95	82963	49.658	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.320%

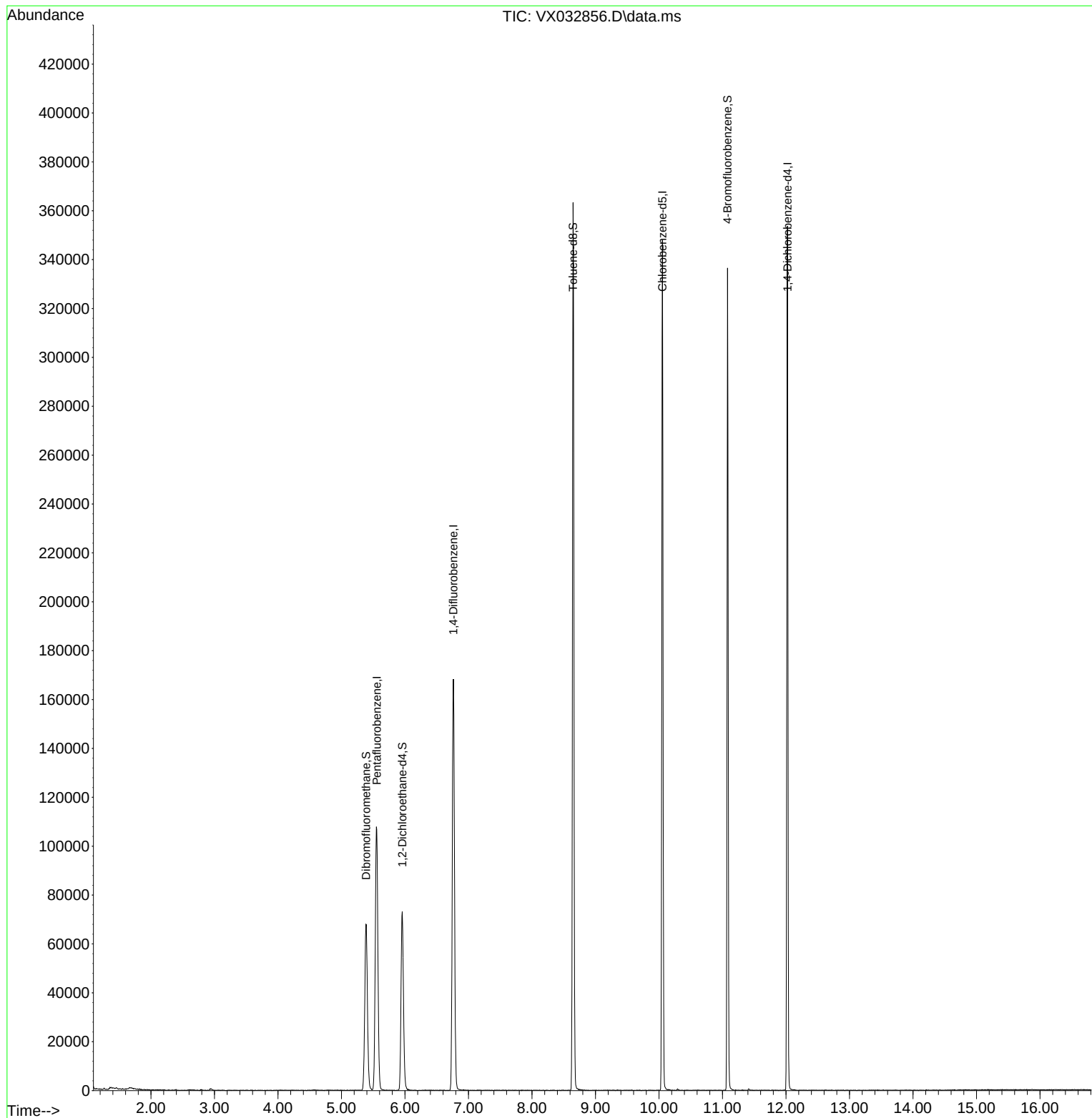
Target Compounds	Qvalue

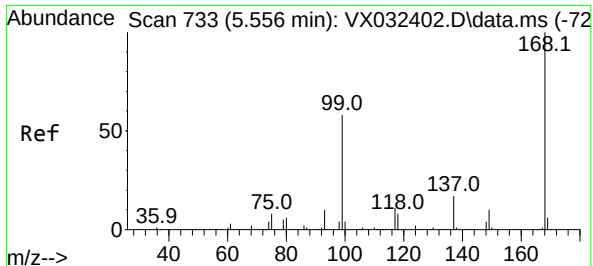
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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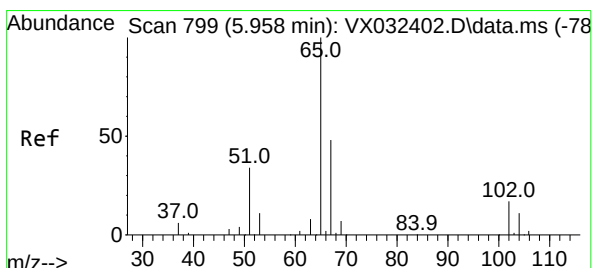
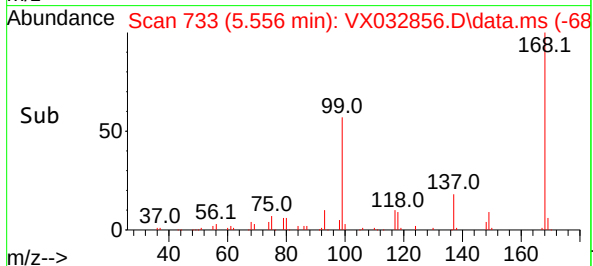
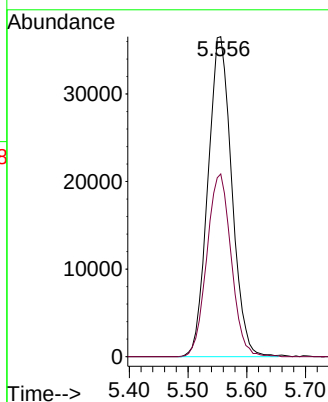
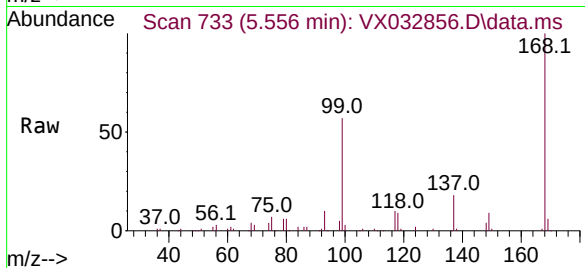




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX032856.D
Acq: 16 Nov 2022 09:16

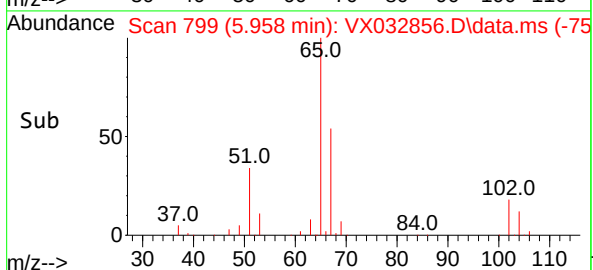
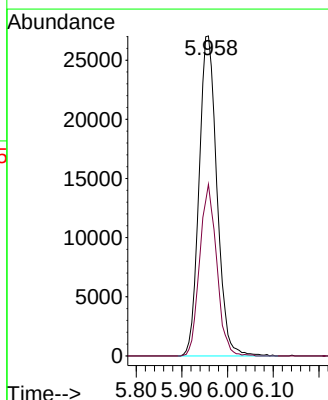
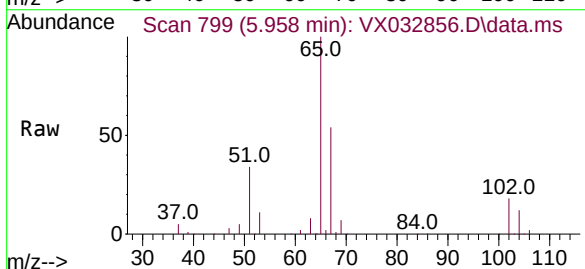
Instrument :
MSVOA_X
ClientSampleId :
MW-3D

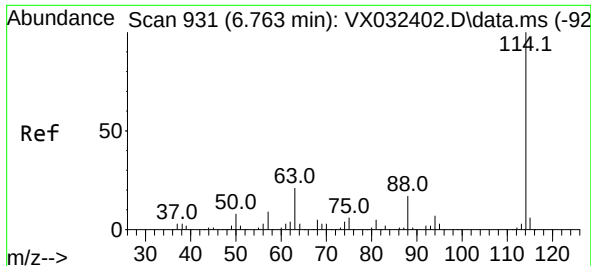
Tgt Ion:168 Resp: 103116
Ion Ratio Lower Upper
168 100
99 57.1 46.1 69.1



#33
1,2-Dichloroethane-d4
Concen: 51.316 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX032856.D
Acq: 16 Nov 2022 09:16

Tgt Ion: 65 Resp: 73524
Ion Ratio Lower Upper
65 100
67 51.0 0.0 101.8

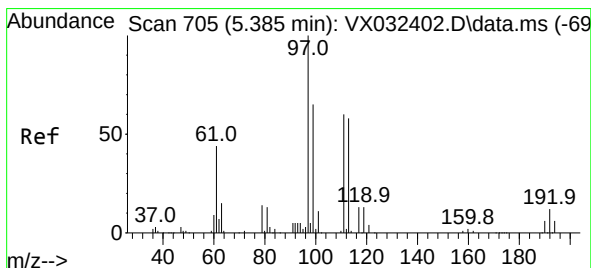
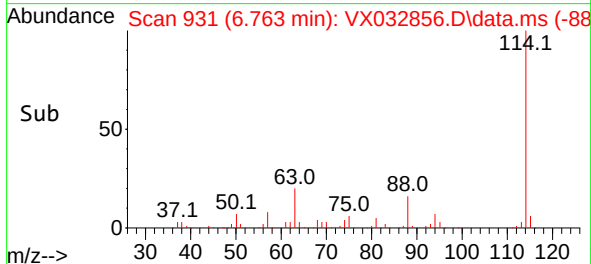
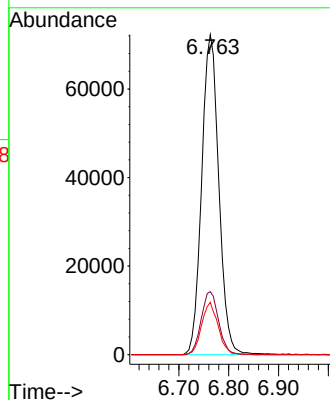
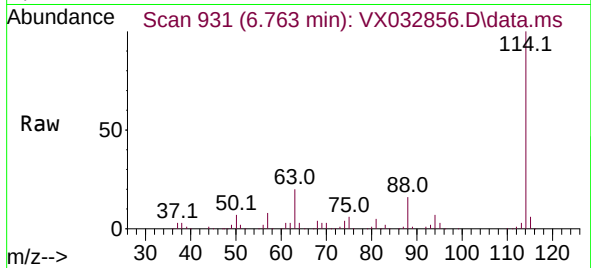




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX032856.D
 Acq: 16 Nov 2022 09:16

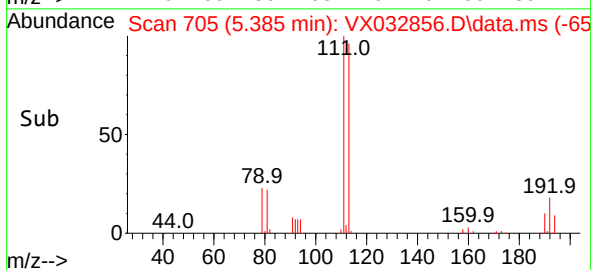
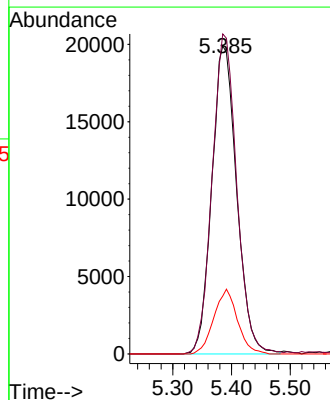
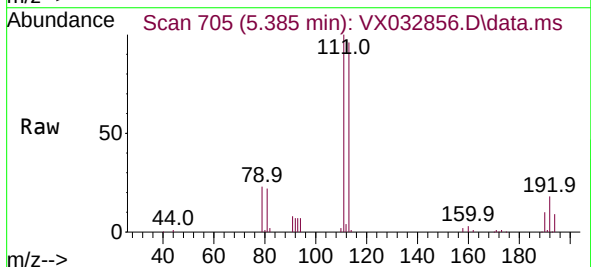
Instrument :
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 ClientSampleId :
 MW-3D

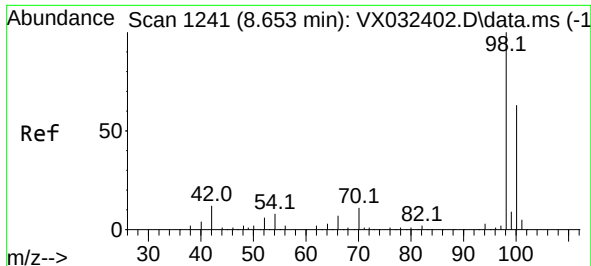
Tgt Ion:114 Resp: 172437
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 41.6
 88 16.3 0.0 33.4



#35
 Dibromofluoromethane
 Concen: 47.580 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. -0.000 min
 Lab File: VX032856.D
 Acq: 16 Nov 2022 09:16

Tgt Ion:113 Resp: 58524
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.4 123.6
 192 19.9 15.4 23.2

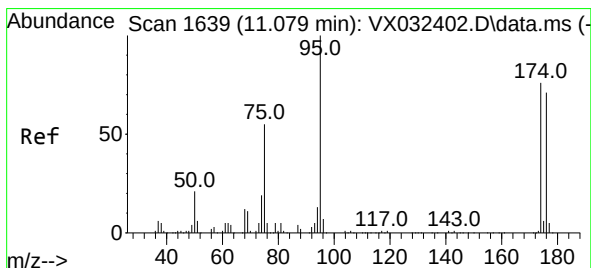
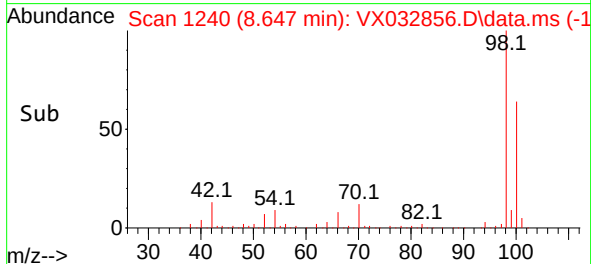
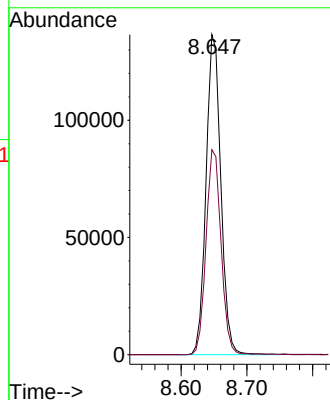
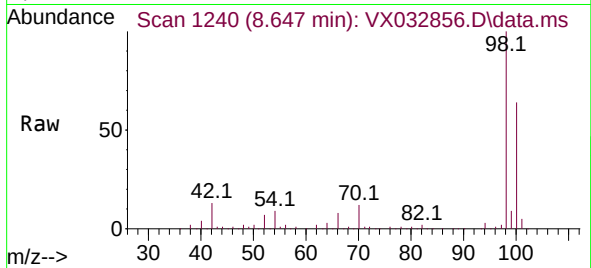




#50
Toluene-d8
Concen: 49.880 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032856.D
Acq: 16 Nov 2022 09:16

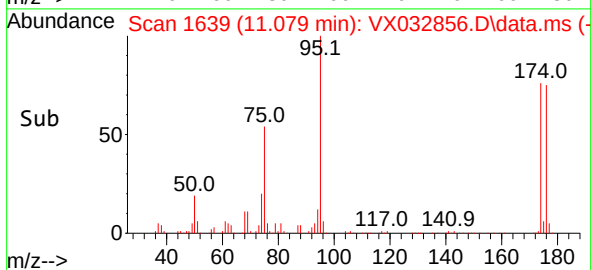
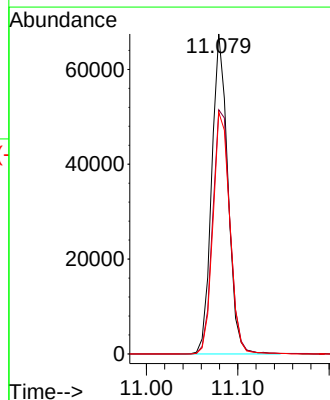
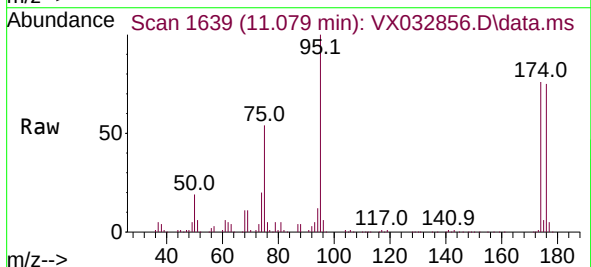
Instrument :
MSVOA_X
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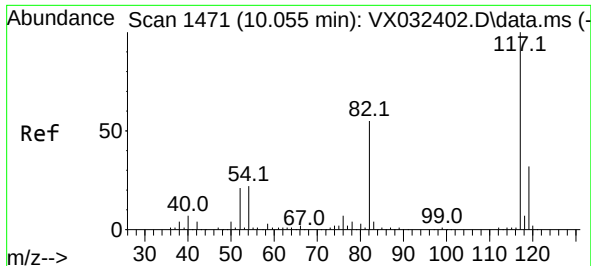
Tgt Ion: 98 Resp: 213337
Ion Ratio Lower Upper
98 100
100 65.0 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 49.658 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX032856.D
Acq: 16 Nov 2022 09:16

Tgt Ion: 95 Resp: 82963
Ion Ratio Lower Upper
95 100
174 81.8 0.0 164.0
176 78.7 0.0 154.4

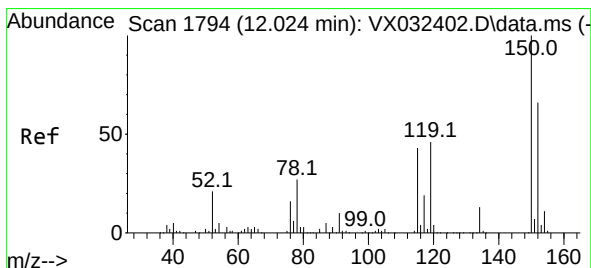
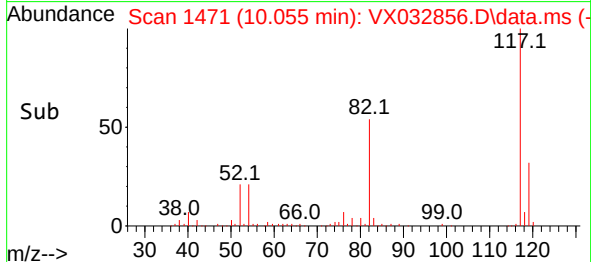
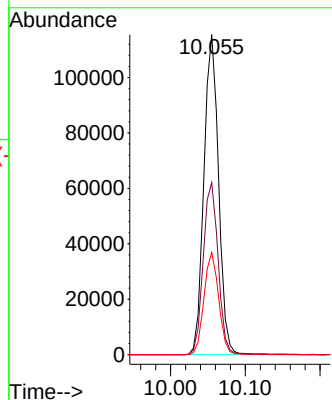
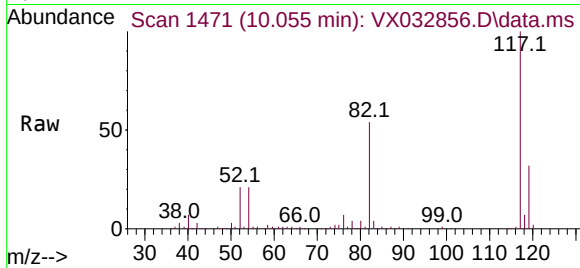




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032856.D
Acq: 16 Nov 2022 09:16

Instrument :
MSVOA_X
ClientSampleId :
MW-3D

Tgt Ion:117 Resp: 157136
Ion Ratio Lower Upper
117 100
82 53.7 44.3 66.5
119 31.9 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: VX032856.D
Acq: 16 Nov 2022 09:16

Tgt Ion:152 Resp: 72974
Ion Ratio Lower Upper
152 100
115 60.0 44.0 132.0
150 159.5 0.0 351.8

