

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110923\
 Data File : VX038680.D
 Acq On : 09 Nov 2023 15:05
 Operator : JC/MD
 Sample : 05312-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-13

Quant Time: Nov 10 03:40:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 08 03:19:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	272371	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	446908	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	452967	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	253946	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	159322	46.985	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.960%
35) Dibromofluoromethane	5.385	113	145177	45.103	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.200%
50) Toluene-d8	8.647	98	524452	45.533	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.060%#
62) 4-Bromofluorobenzene	11.079	95	219697	49.197	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.400%

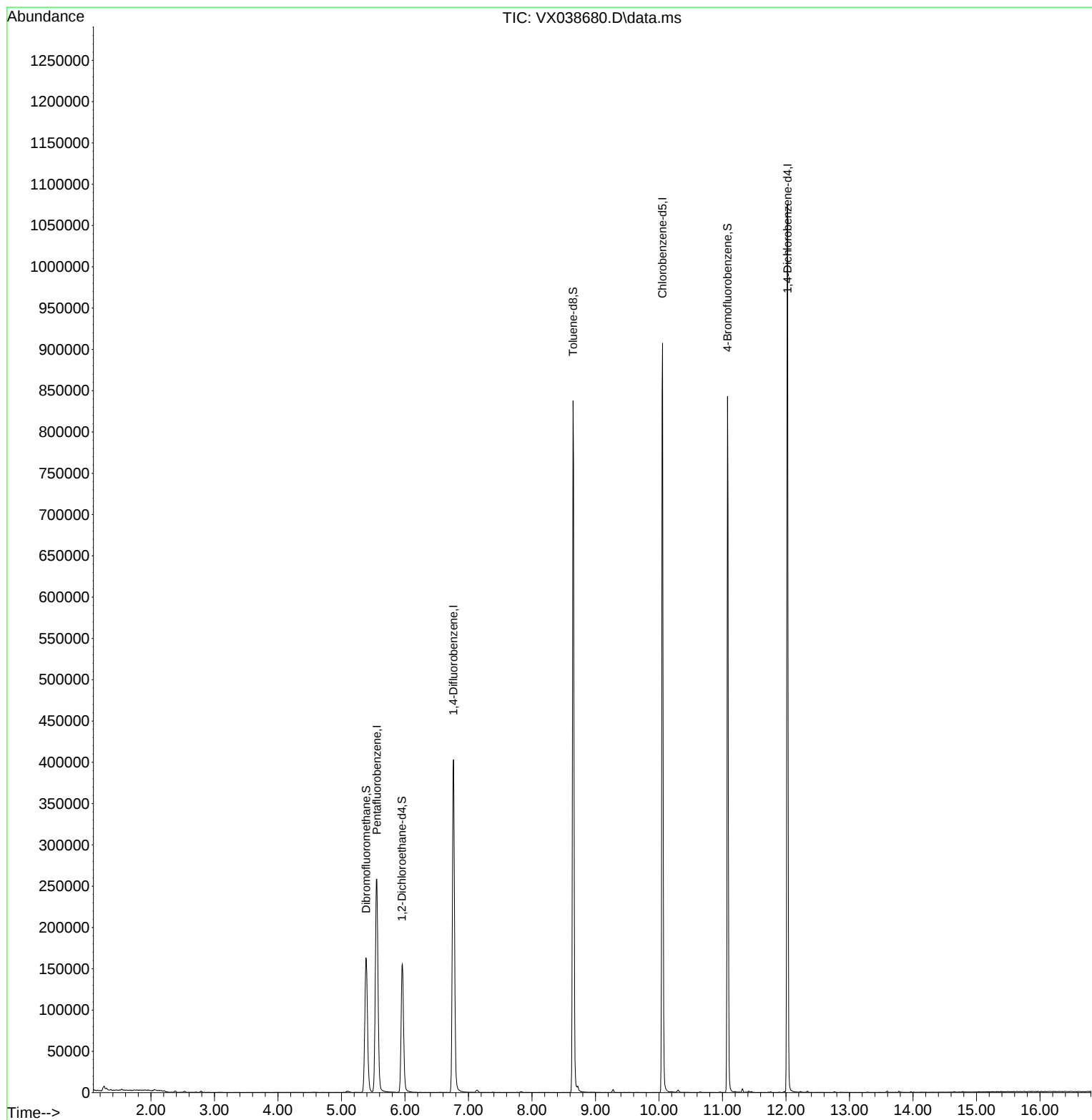
Target Compounds	Qvalue

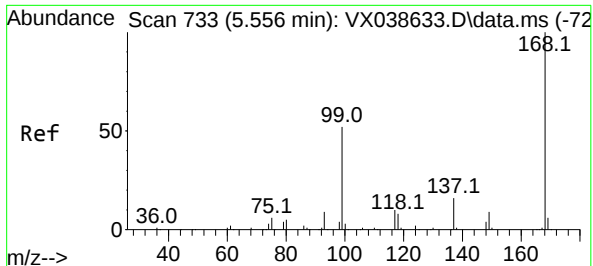
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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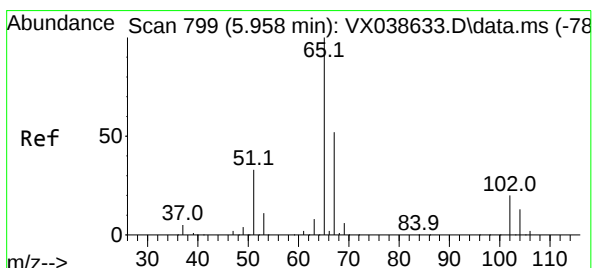
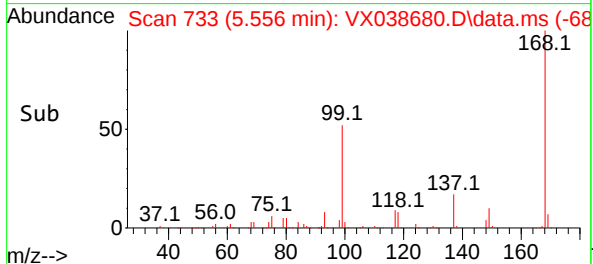
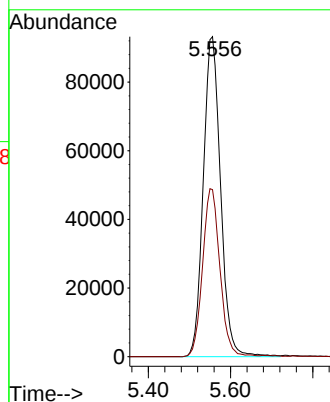
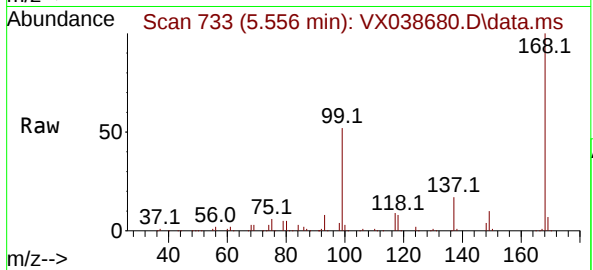




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX038680.D
Acq: 09 Nov 2023 15:05

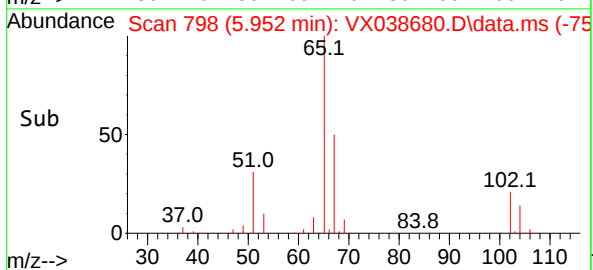
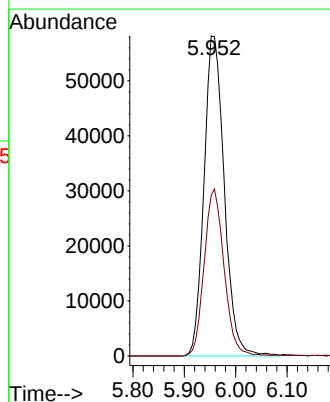
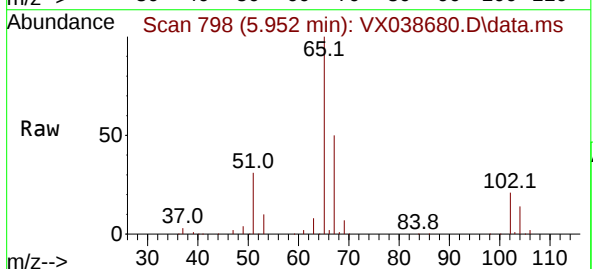
Instrument :
MSVOA_X
ClientSampleId :
TB-13

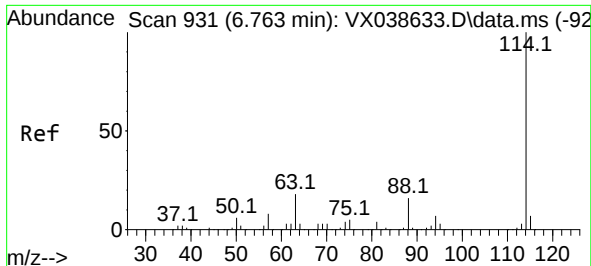
Tgt Ion:168 Resp: 272371
Ion Ratio Lower Upper
168 100
99 52.2 56.6 85.0#



#33
1,2-Dichloroethane-d4
Concen: 46.985 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX038680.D
Acq: 09 Nov 2023 15:05

Tgt Ion: 65 Resp: 159322
Ion Ratio Lower Upper
65 100
67 51.3 0.0 100.2

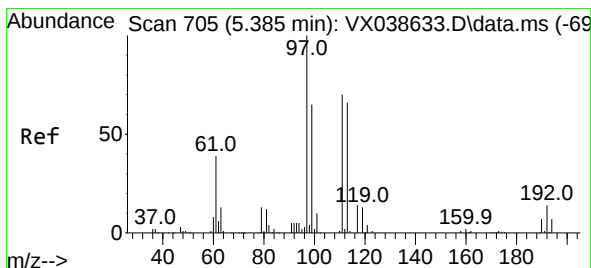
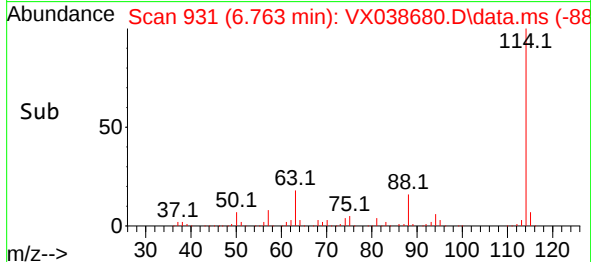
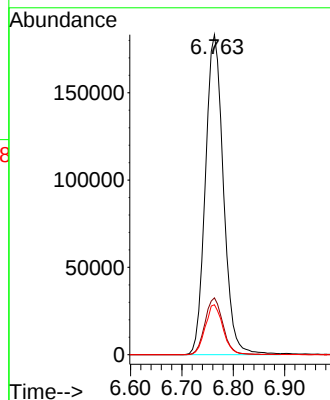
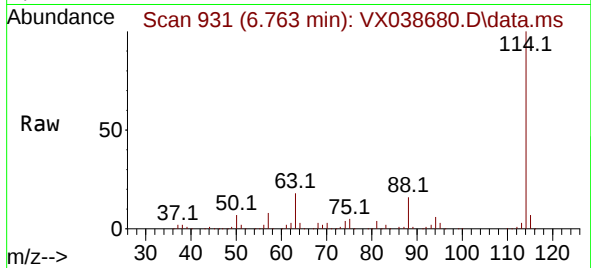




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.001 min
Lab File: VX038680.D
Acq: 09 Nov 2023 15:05

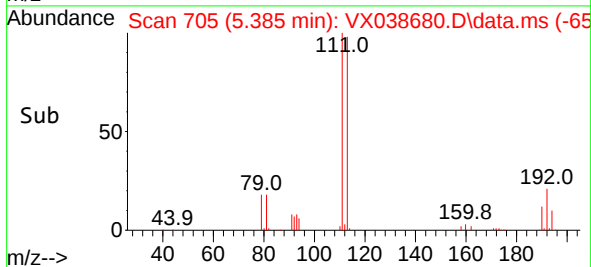
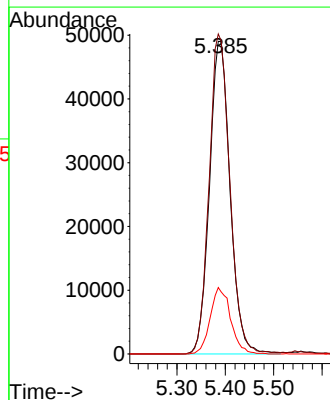
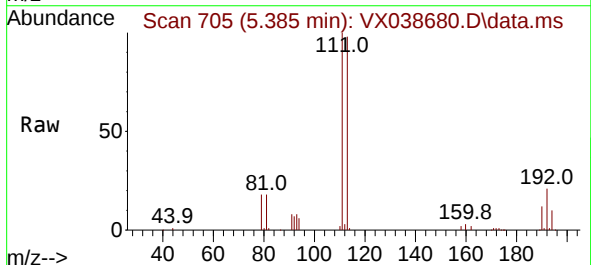
Instrument :
MSVOA_X
ClientSampleId :
TB-13

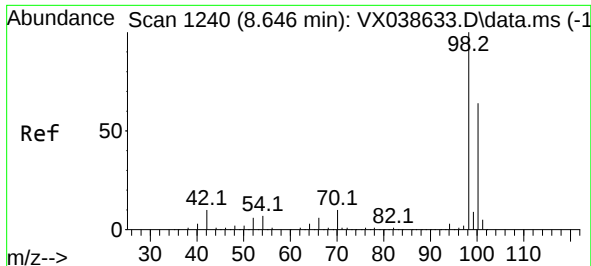
Tgt Ion:114 Resp: 446908
Ion Ratio Lower Upper
114 100
63 17.8 0.0 45.0
88 15.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.103 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.001 min
Lab File: VX038680.D
Acq: 09 Nov 2023 15:05

Tgt Ion:113 Resp: 145177
Ion Ratio Lower Upper
113 100
111 102.9 82.9 124.3
192 21.1 13.3 19.9#

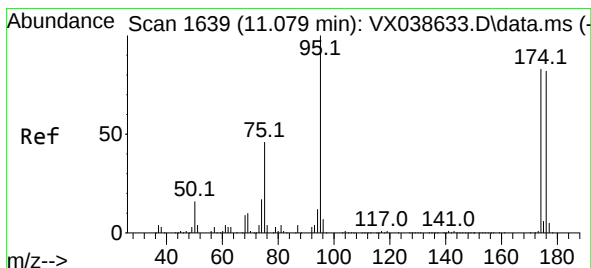
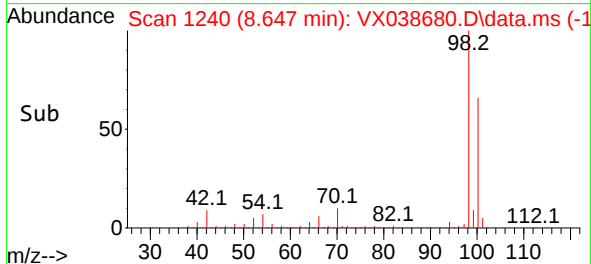
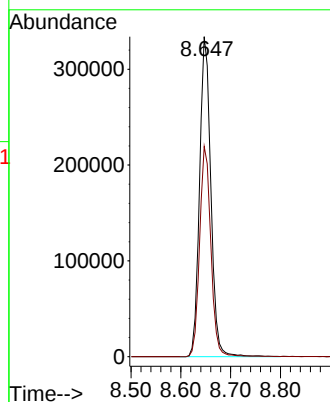
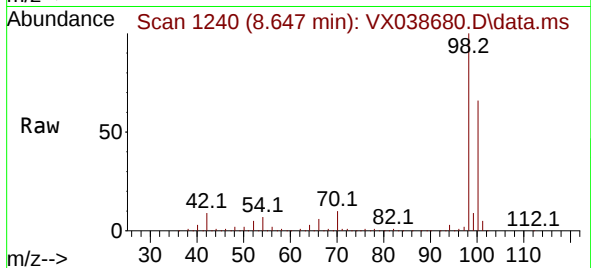




#50
Toluene-d8
Concen: 45.533 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX038680.D
Acq: 09 Nov 2023 15:05

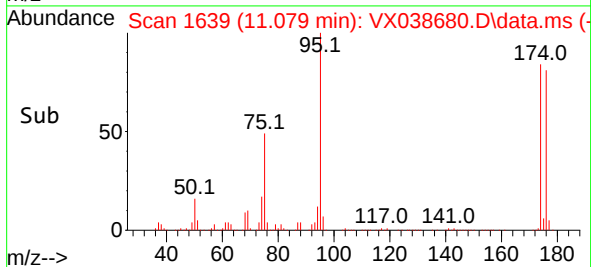
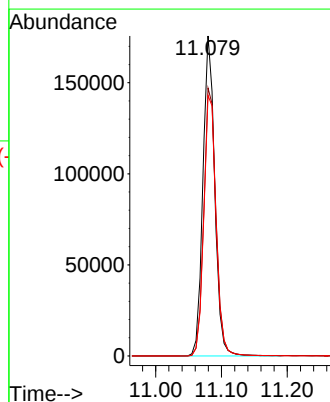
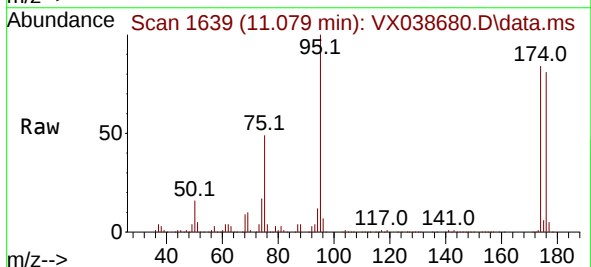
Instrument :
MSVOA_X
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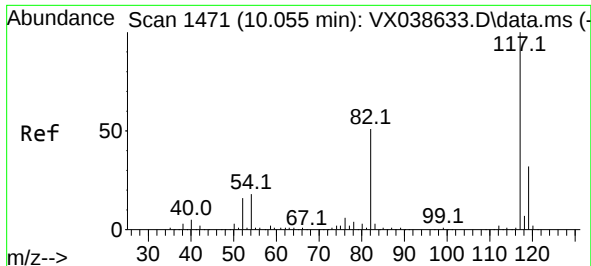
Tgt Ion: 98 Resp: 524452
Ion Ratio Lower Upper
98 100
100 65.6 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 49.197 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.001 min
Lab File: VX038680.D
Acq: 09 Nov 2023 15:05

Tgt Ion: 95 Resp: 219697
Ion Ratio Lower Upper
95 100
174 86.8 0.0 135.6
176 84.7 0.0 131.0

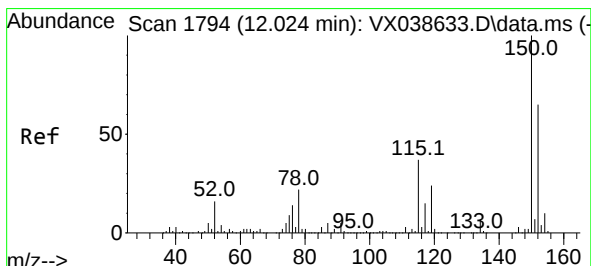
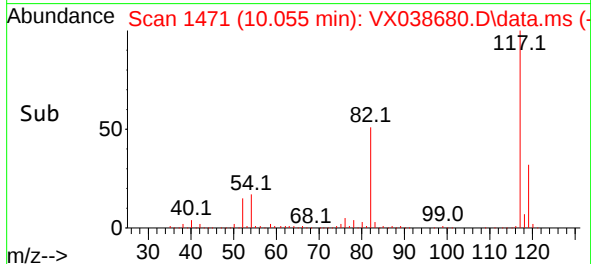
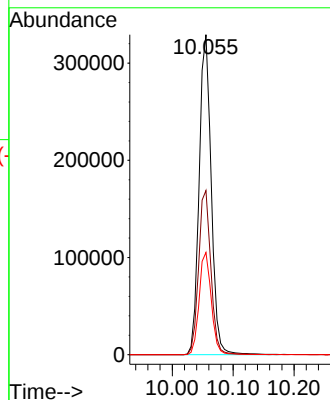
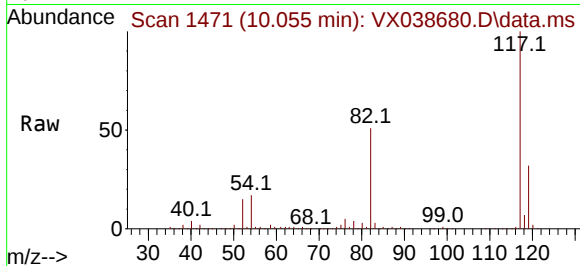




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.001 min
Lab File: VX038680.D
Acq: 09 Nov 2023 15:05

Instrument :
MSVOA_X
ClientSampleId :
TB-13

Tgt Ion:117 Resp: 452967
Ion Ratio Lower Upper
117 100
82 51.3 46.2 69.4
119 32.0 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.001 min
Lab File: VX038680.D
Acq: 09 Nov 2023 15:05

Tgt Ion:152 Resp: 253946
Ion Ratio Lower Upper
152 100
115 58.1 43.3 129.9
150 157.2 0.0 345.0

