

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102723\
 Data File : VX038611.D
 Acq On : 27 Oct 2023 18:32
 Operator : JC/MD
 Sample : 05107-17 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1072

Quant Time: Oct 30 01:34:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	234718	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	385516	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	397670	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	225706	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	163702	43.361	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.720%
35) Dibromofluoromethane	5.385	113	147030	52.929	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.860%
50) Toluene-d8	8.647	98	531877	50.106	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.220%
62) 4-Bromofluorobenzene	11.079	95	223607	55.565	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	111.120%

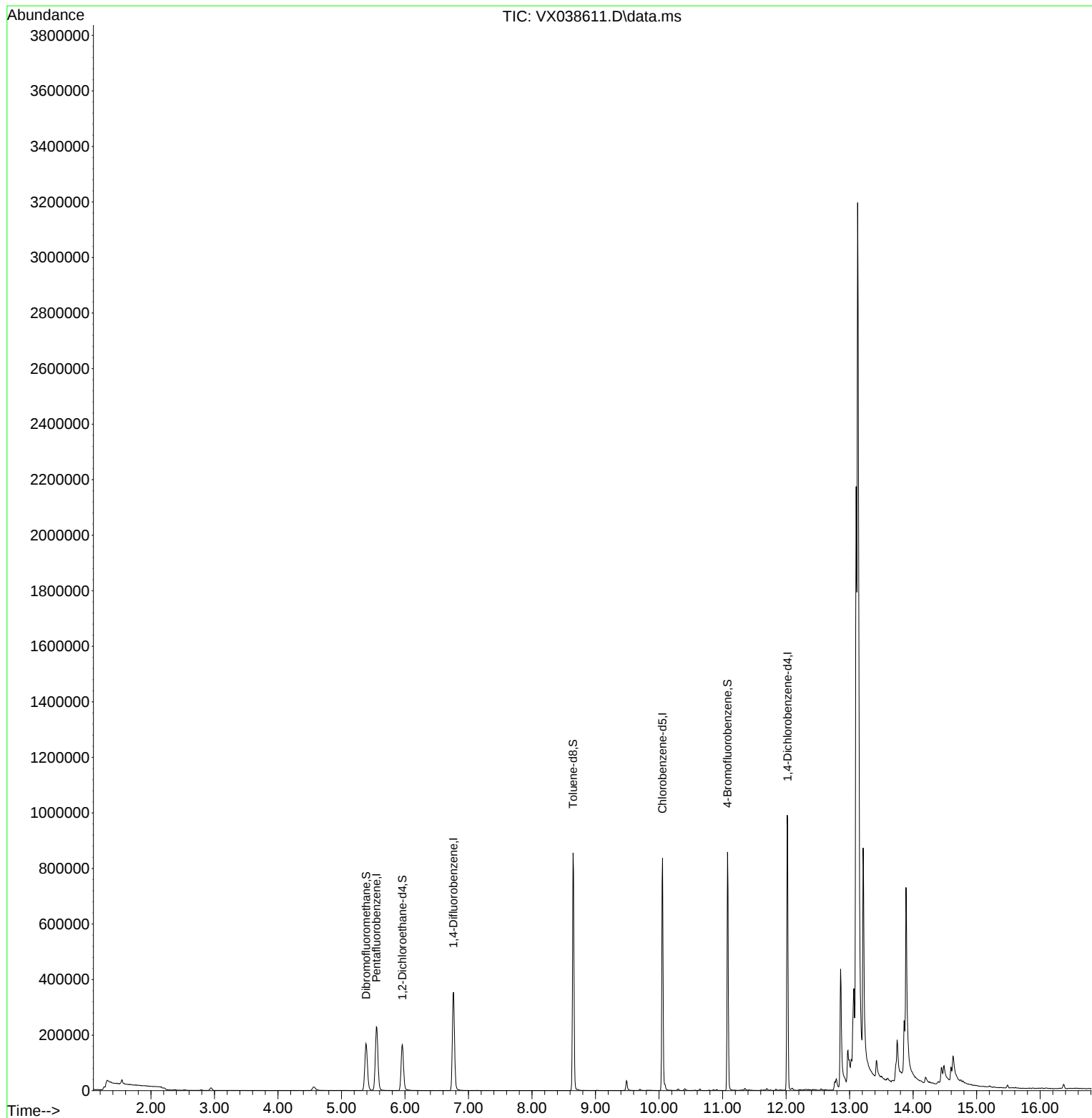
Target Compounds	Qvalue

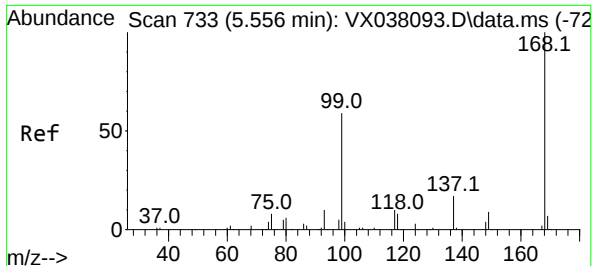
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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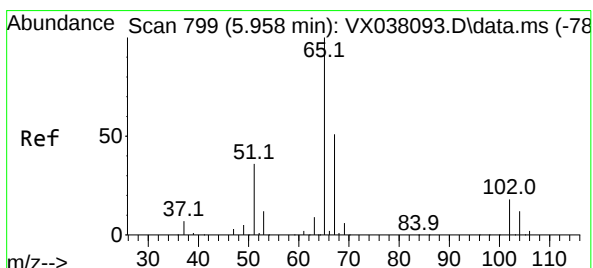
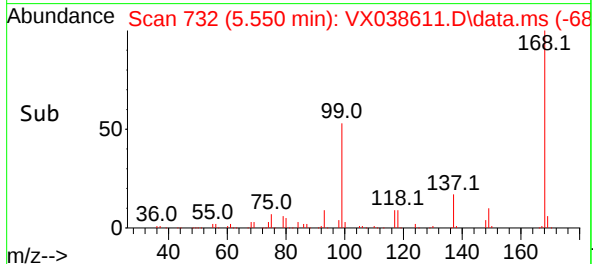
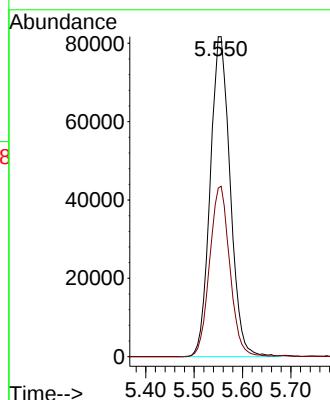
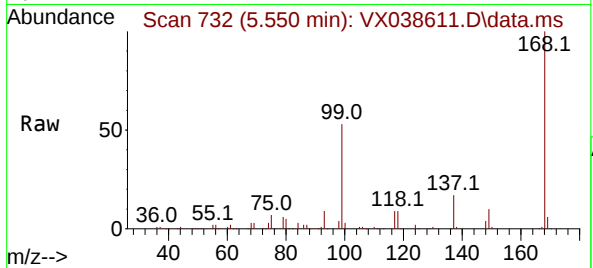




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038611.D
Acq: 27 Oct 2023 18:32

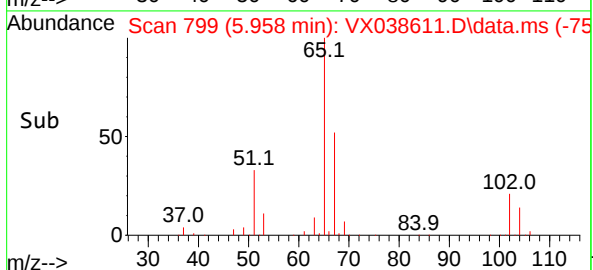
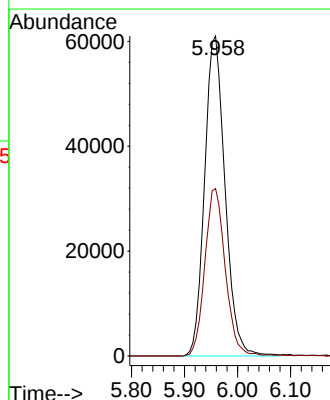
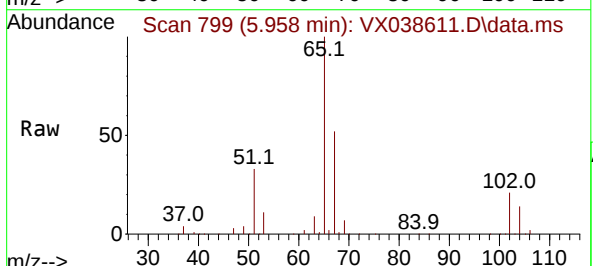
Instrument :
MSVOA_X
ClientSampleId :
1072

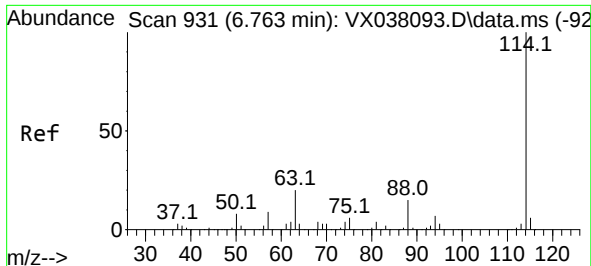
Tgt Ion:168 Resp: 234718
Ion Ratio Lower Upper
168 100
99 52.7 56.6 85.0#



#33
1,2-Dichloroethane-d4
Concen: 43.361 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038611.D
Acq: 27 Oct 2023 18:32

Tgt Ion: 65 Resp: 163702
Ion Ratio Lower Upper
65 100
67 52.1 0.0 100.2

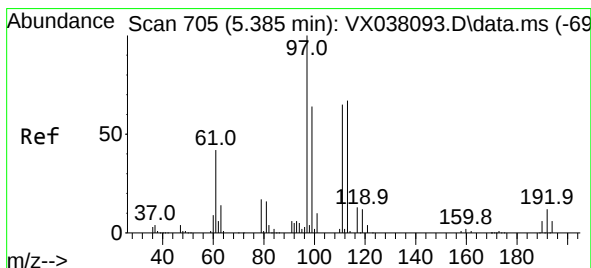
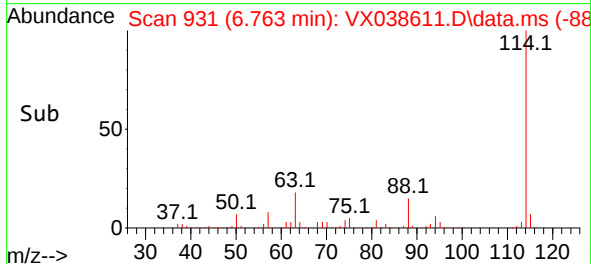
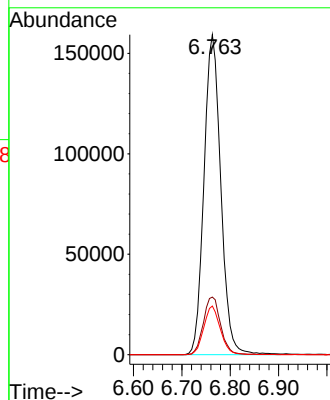
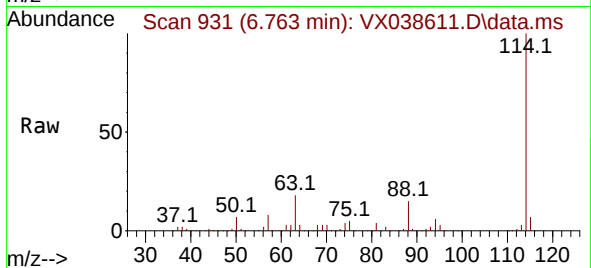




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX038611.D
Acq: 27 Oct 2023 18:32

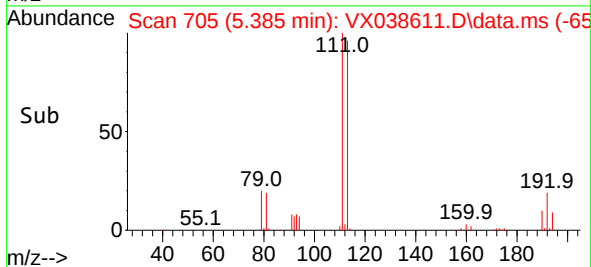
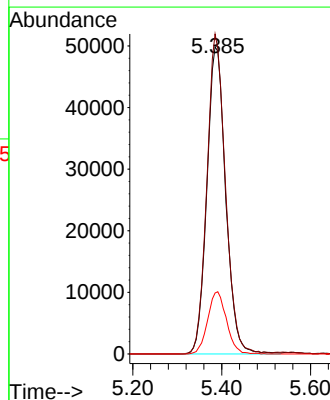
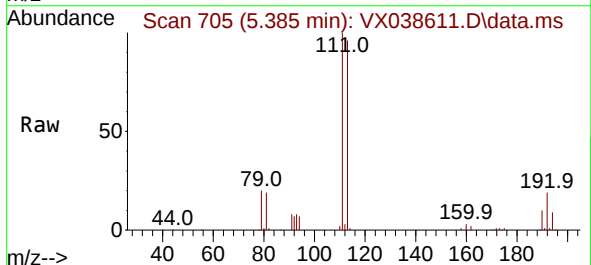
Instrument :
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1072

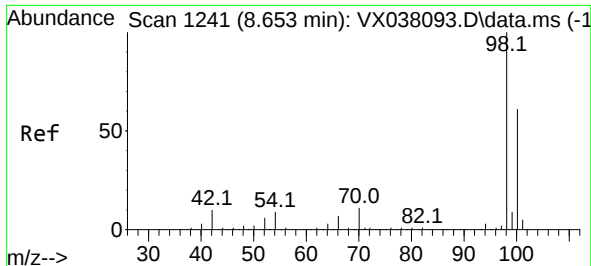
Tgt Ion:114 Resp: 385516
Ion Ratio Lower Upper
114 100
63 18.0 0.0 45.0
88 15.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 52.929 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038611.D
Acq: 27 Oct 2023 18:32

Tgt Ion:113 Resp: 147030
Ion Ratio Lower Upper
113 100
111 102.6 82.9 124.3
192 20.3 13.3 19.9#

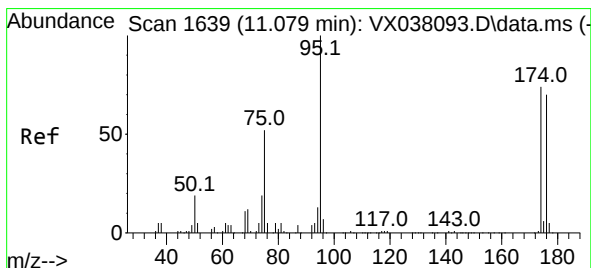
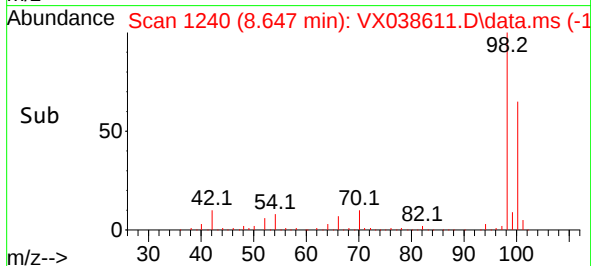
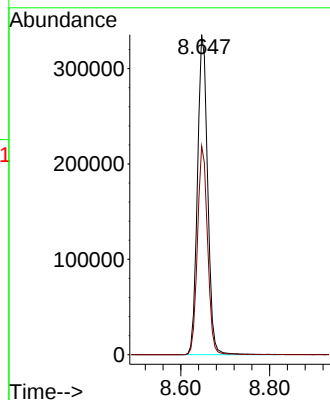
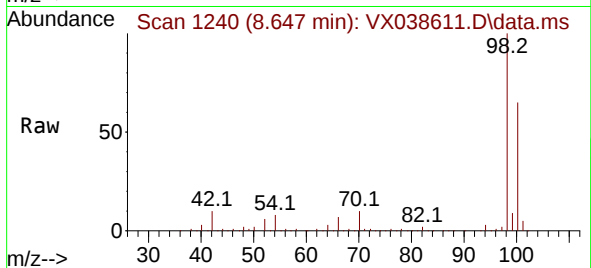




#50
Toluene-d8
Concen: 50.106 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038611.D
Acq: 27 Oct 2023 18:32

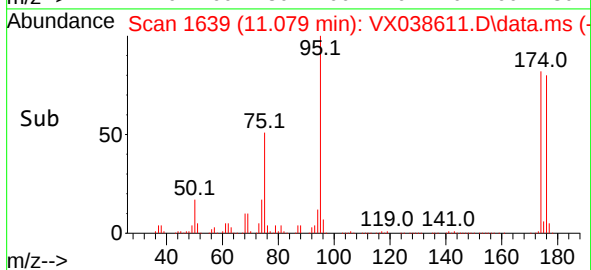
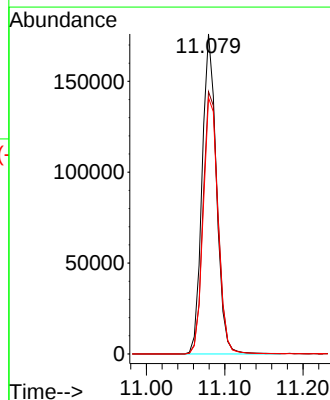
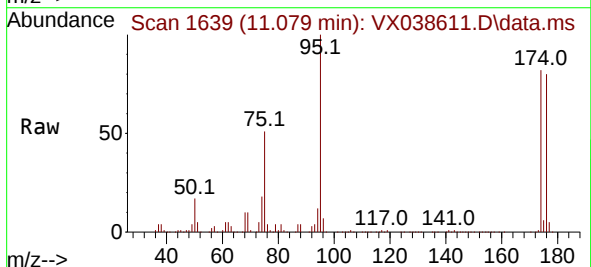
Instrument :
MSVOA_X
ClientSampleId :
1072

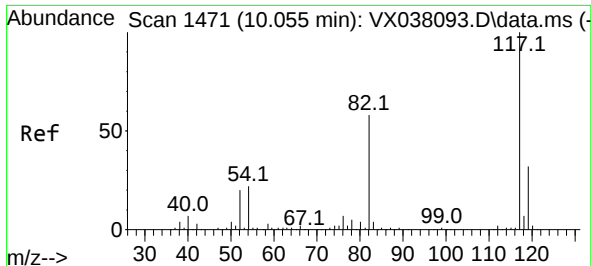
Tgt Ion: 98 Resp: 531877
Ion Ratio Lower Upper
98 100
100 64.5 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 55.565 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038611.D
Acq: 27 Oct 2023 18:32

Tgt Ion: 95 Resp: 223607
Ion Ratio Lower Upper
95 100
174 85.7 0.0 135.6
176 82.9 0.0 131.0

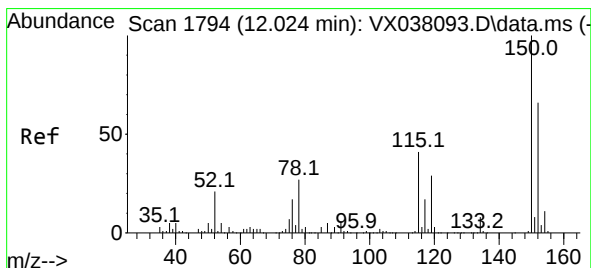
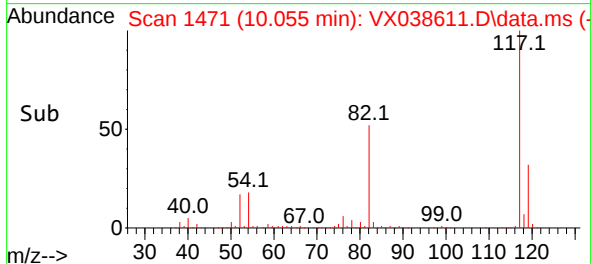
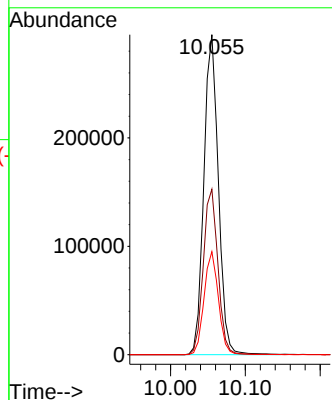
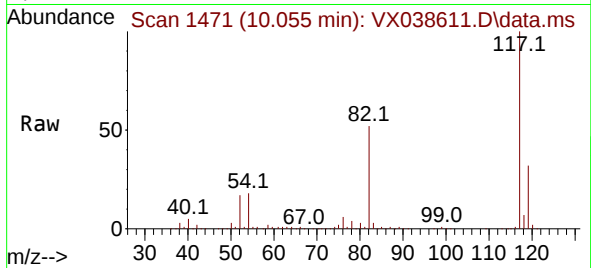




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038611.D
Acq: 27 Oct 2023 18:32

Instrument :
MSVOA_X
ClientSampleId :
1072

Tgt Ion:117 Resp: 397670
Ion Ratio Lower Upper
117 100
82 51.7 46.2 69.4
119 32.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038611.D
Acq: 27 Oct 2023 18:32

Tgt Ion:152 Resp: 225706
Ion Ratio Lower Upper
152 100
115 58.2 43.3 129.9
150 155.6 0.0 345.0

