

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102423\
 Data File : VX038457.D
 Acq On : 24 Oct 2023 15:54
 Operator : JC/MD
 Sample : 04975-04
 Misc : 1.11g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1061

Quant Time: Oct 25 06:09:39 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	154669	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	271878	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	270793	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	153955	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	99622	40.045	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	80.080%
35) Dibromofluoromethane	5.391	113	83029	42.382	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	84.760%
50) Toluene-d8	8.647	98	329691	44.041	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	88.080%#
62) 4-Bromofluorobenzene	11.085	95	129554	45.649	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.300%

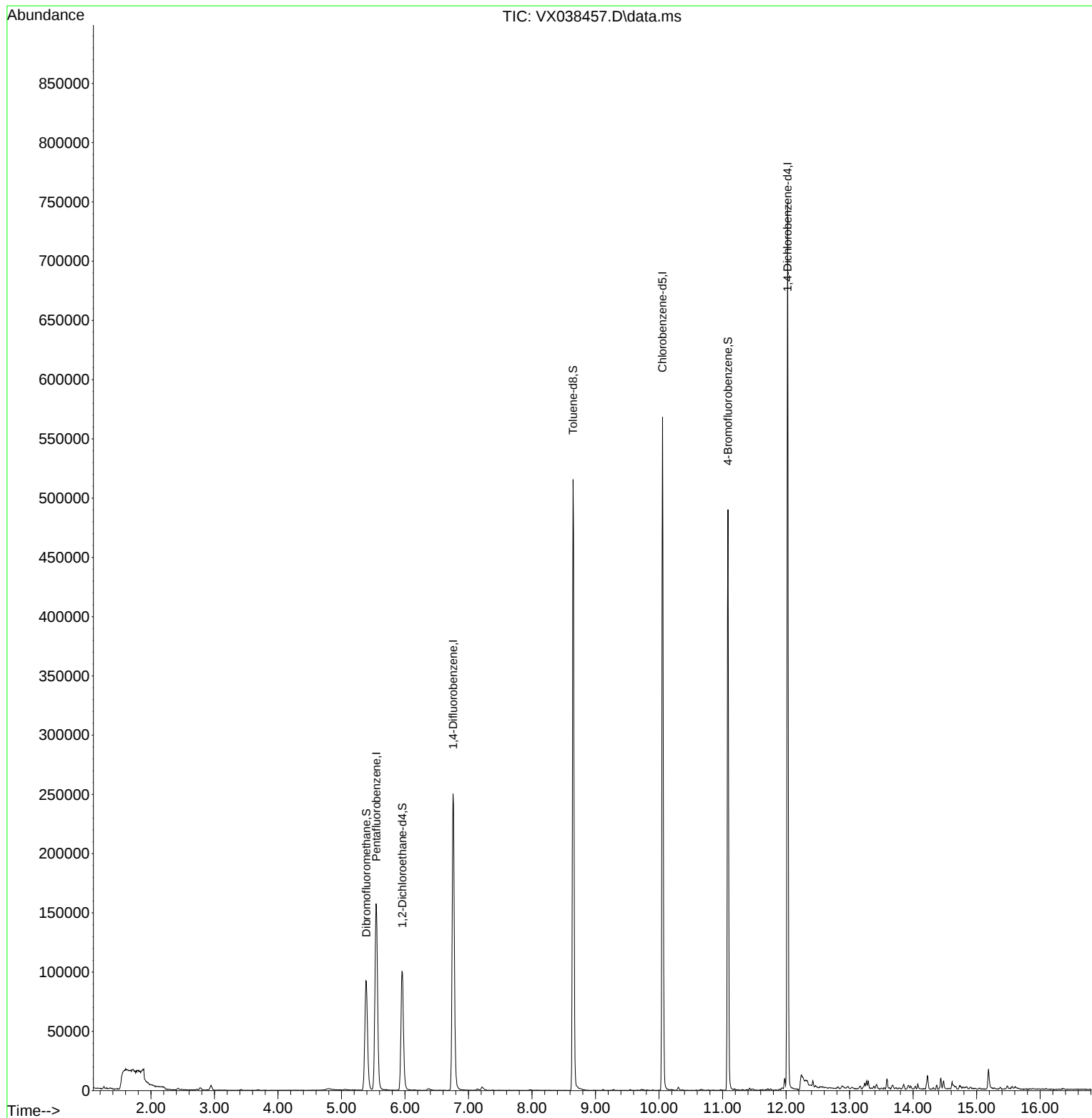
Target Compounds	Qvalue

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

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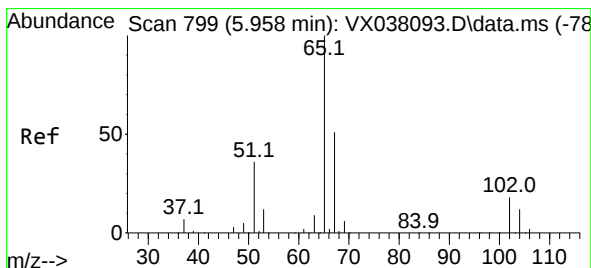
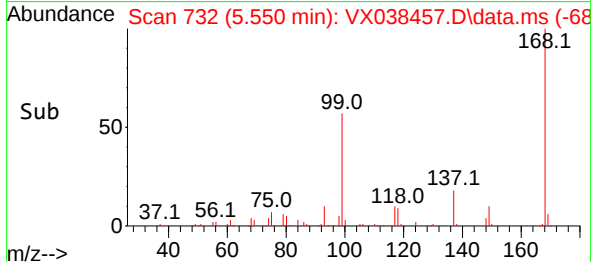
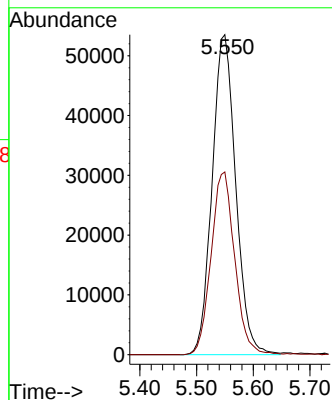
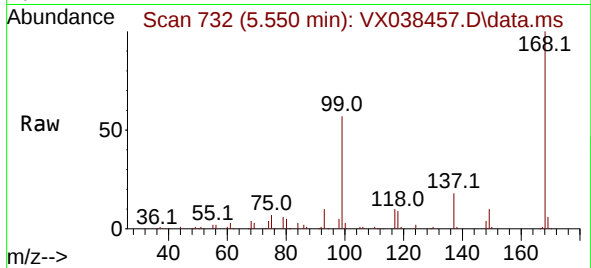




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038457.D
Acq: 24 Oct 2023 15:54

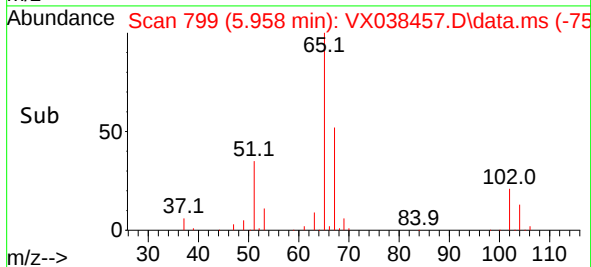
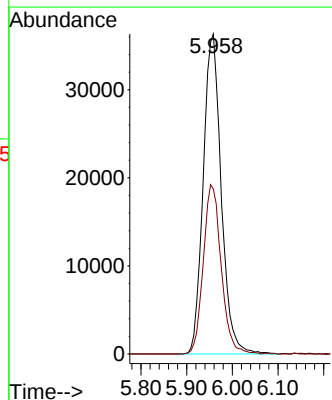
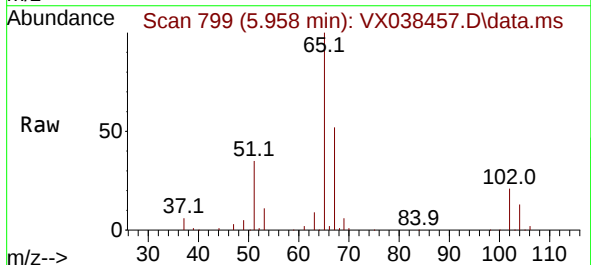
Instrument :
MSVOA_X
ClientSampleId :
1061

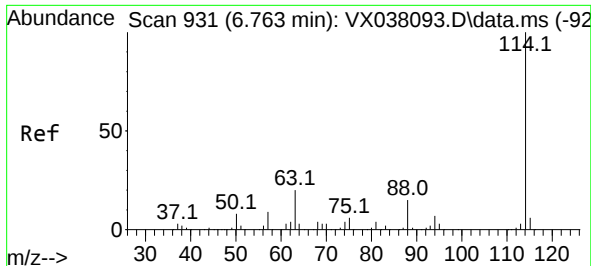
Tgt Ion:168 Resp: 154669
Ion Ratio Lower Upper
168 100
99 57.1 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 40.045 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038457.D
Acq: 24 Oct 2023 15:54

Tgt Ion: 65 Resp: 99622
Ion Ratio Lower Upper
65 100
67 52.5 0.0 100.2

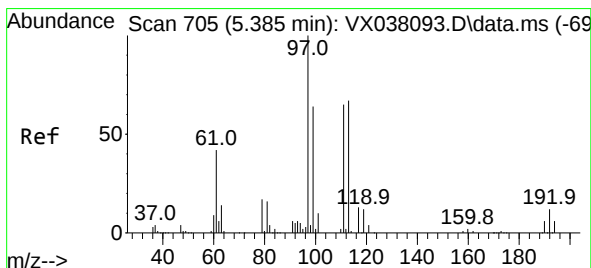
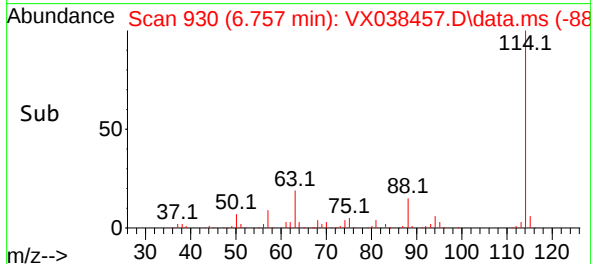
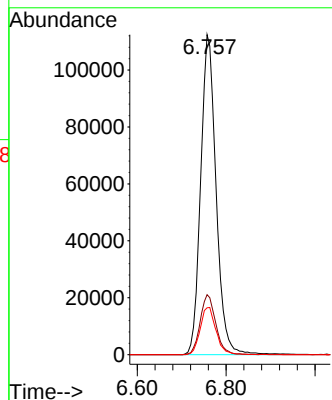
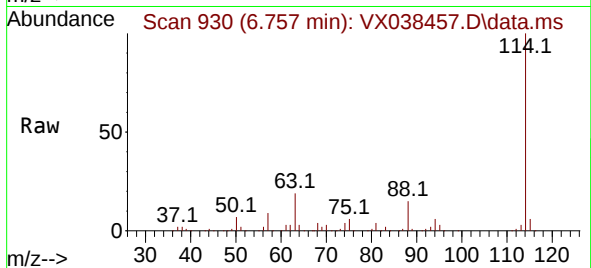




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX038457.D
Acq: 24 Oct 2023 15:54

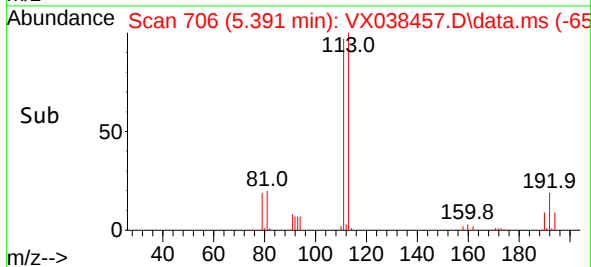
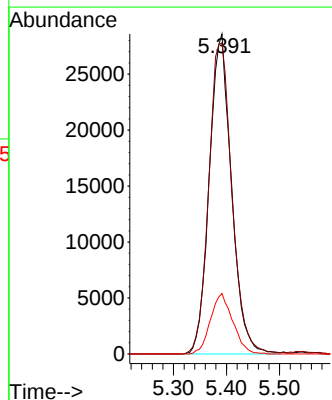
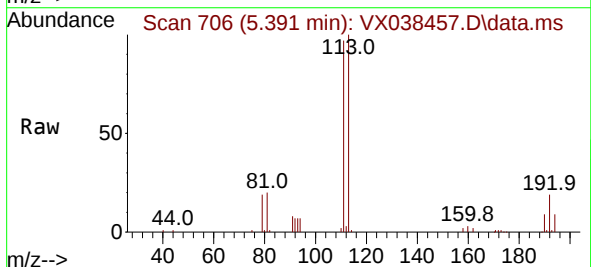
Instrument :
MSVOA_X
ClientSampleId :
1061

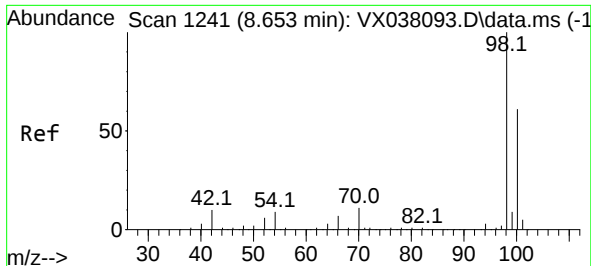
Tgt Ion:114 Resp: 271878
Ion Ratio Lower Upper
114 100
63 18.8 0.0 45.0
88 14.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 42.382 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX038457.D
Acq: 24 Oct 2023 15:54

Tgt Ion:113 Resp: 83029
Ion Ratio Lower Upper
113 100
111 101.8 82.9 124.3
192 19.1 13.3 19.9

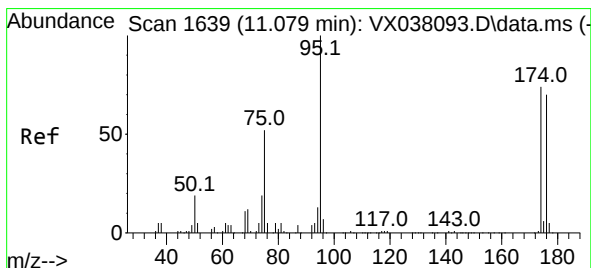
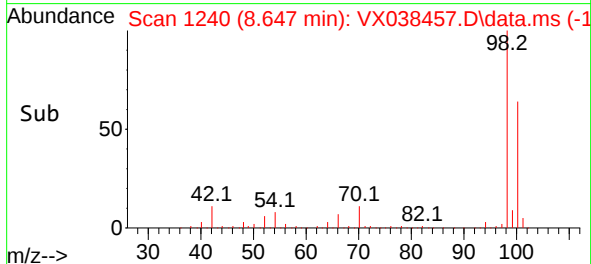
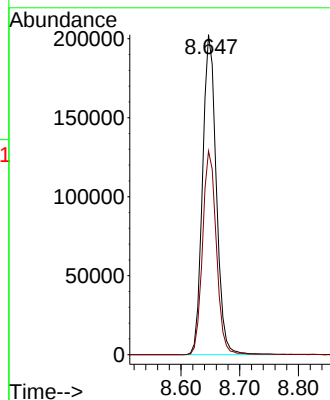
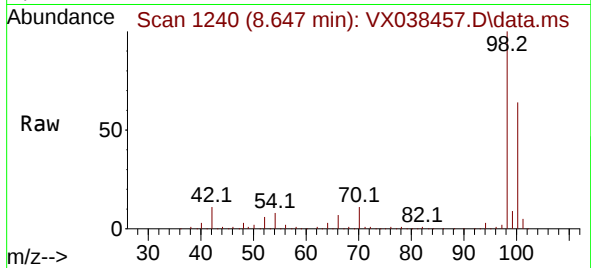




#50
Toluene-d8
Concen: 44.041 ug/l
RT: 8.647 min Scan# 11061
Delta R.T. -0.006 min
Lab File: VX038457.D
Acq: 24 Oct 2023 15:54

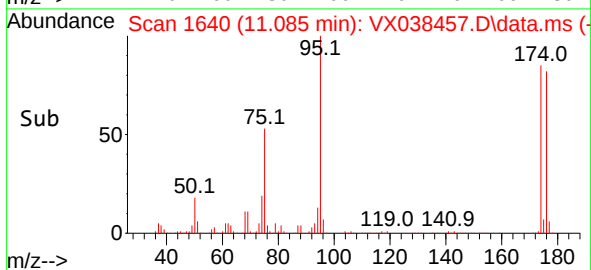
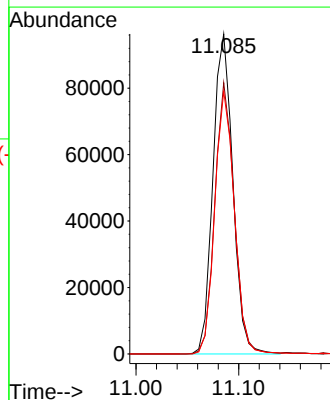
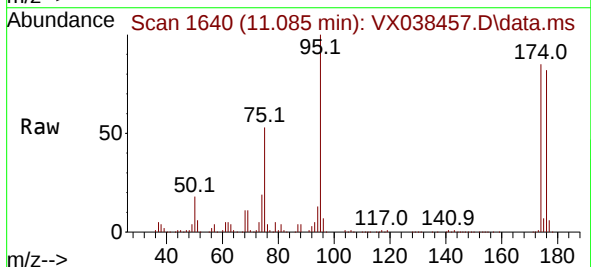
Instrument :
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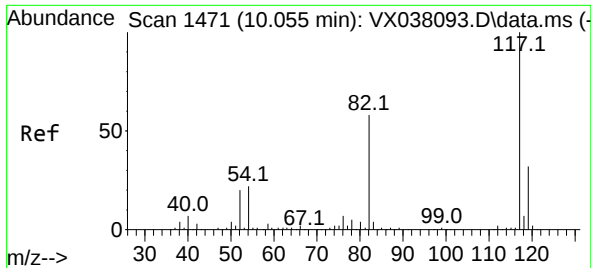
Tgt Ion: 98 Resp: 329691
Ion Ratio Lower Upper
98 100
100 63.8 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 45.649 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX038457.D
Acq: 24 Oct 2023 15:54

Tgt Ion: 95 Resp: 129554
Ion Ratio Lower Upper
95 100
174 82.8 0.0 135.6
176 81.2 0.0 131.0

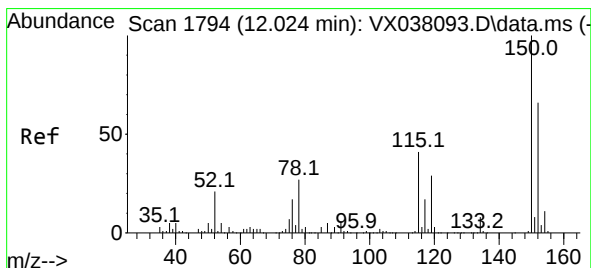
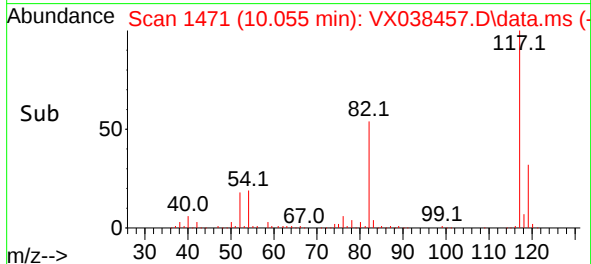
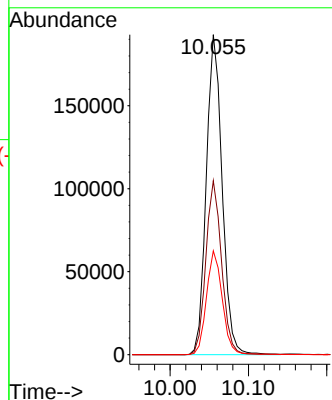
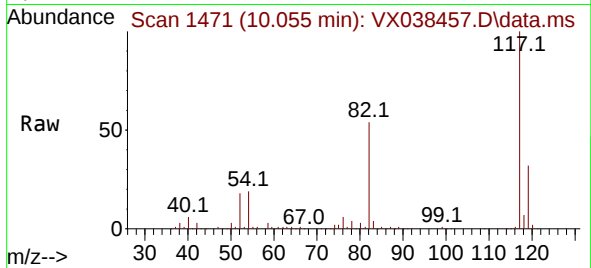




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038457.D
Acq: 24 Oct 2023 15:54

Instrument :
MSVOA_X
ClientSampleId :
1061

Tgt Ion:117 Resp: 270793
Ion Ratio Lower Upper
117 100
82 54.4 46.2 69.4
119 32.4 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: VX038457.D
Acq: 24 Oct 2023 15:54

Tgt Ion:152 Resp: 153955
Ion Ratio Lower Upper
152 100
115 59.5 43.3 129.9
150 158.9 0.0 345.0

