

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041025\
 Data File : VX045687.D
 Acq On : 10 Apr 2025 09:19
 Operator : JC/MD
 Sample : VX0410MBL01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410MBL01

Quant Time: Apr 11 01:51:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	69002	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	135214	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	119596	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	49888	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	66714	52.869	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.740%
35) Dibromofluoromethane	5.373	113	48539	50.596	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.200%
50) Toluene-d8	8.641	98	163541	48.840	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.680%
62) 4-Bromofluorobenzene	11.079	95	58943	48.326	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	96.660%

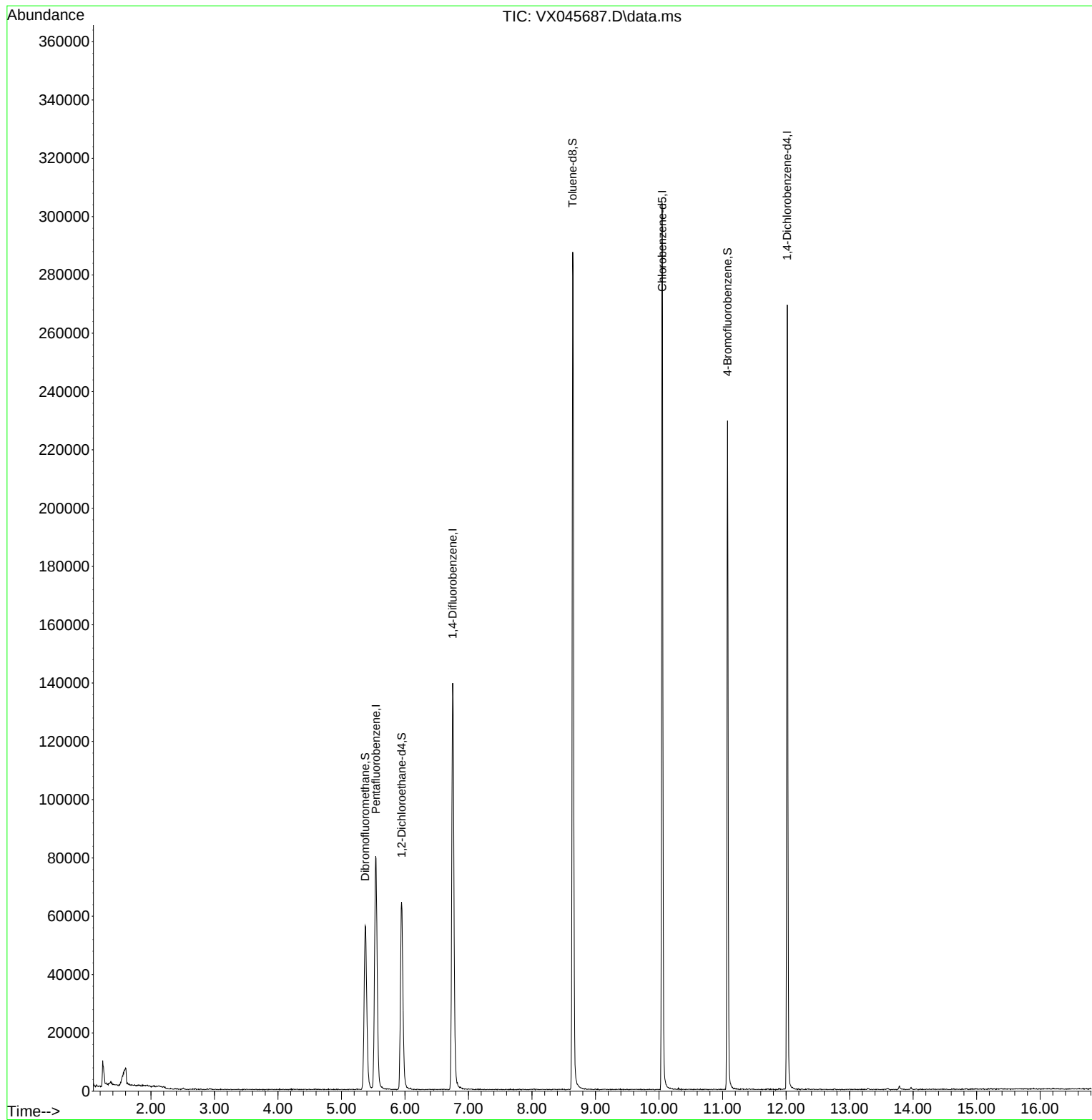
Target Compounds	Qvalue

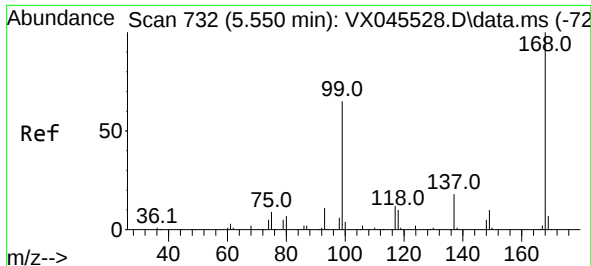
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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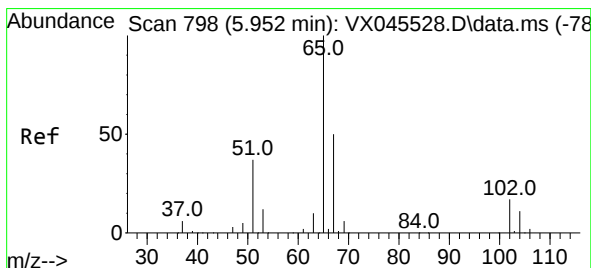
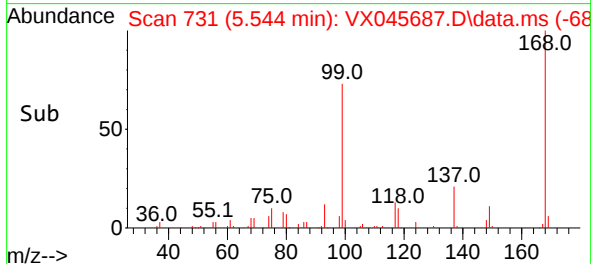
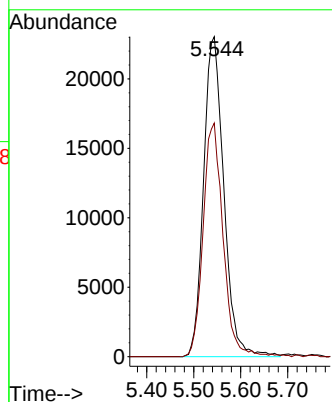
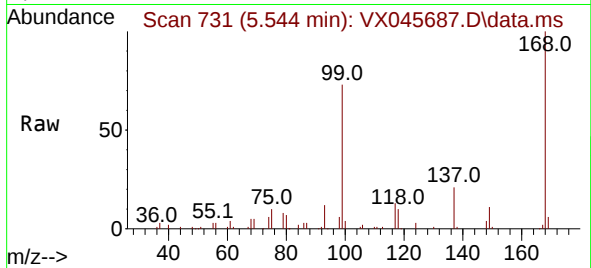




#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.544 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VX045687.D
 Acq: 10 Apr 2025 09:19

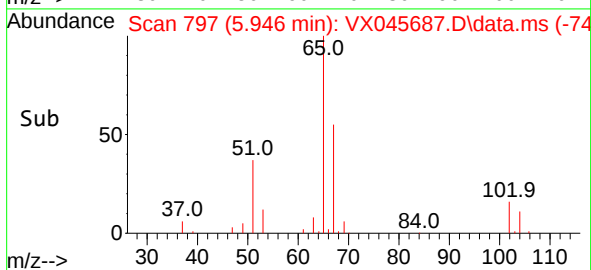
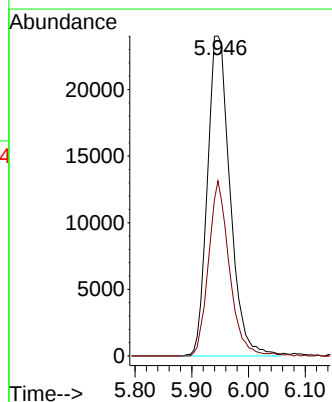
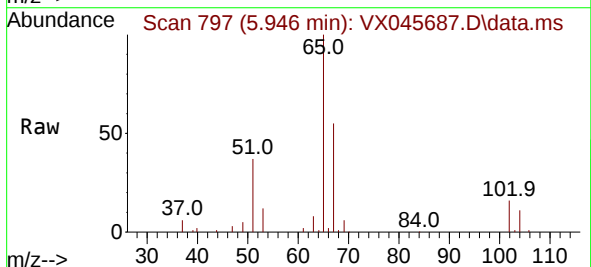
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410MBL01

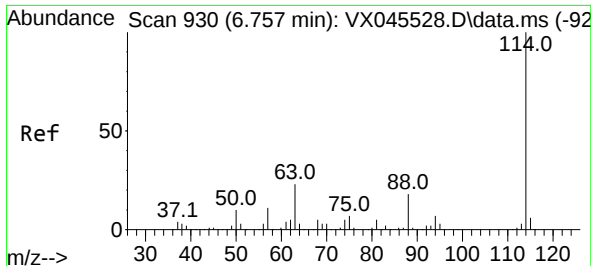
Tgt Ion:168 Resp: 69002
 Ion Ratio Lower Upper
 168 100
 99 73.0 52.3 78.5



#33
 1,2-Dichloroethane-d4
 Concen: 52.869 ug/l
 RT: 5.946 min Scan# 797
 Delta R.T. -0.006 min
 Lab File: VX045687.D
 Acq: 10 Apr 2025 09:19

Tgt Ion: 65 Resp: 66714
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 99.0

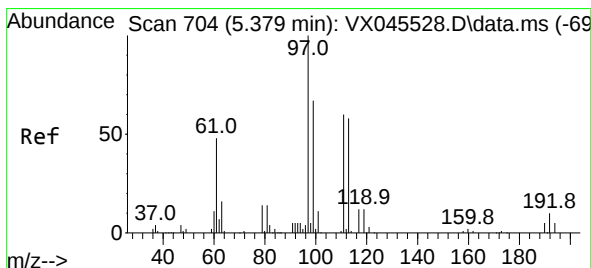
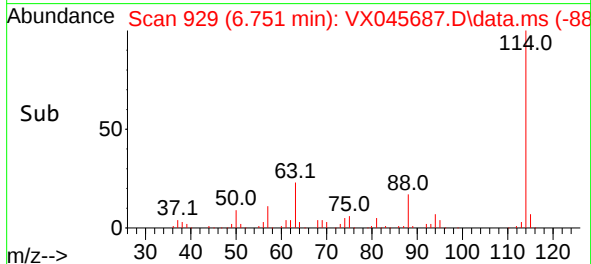
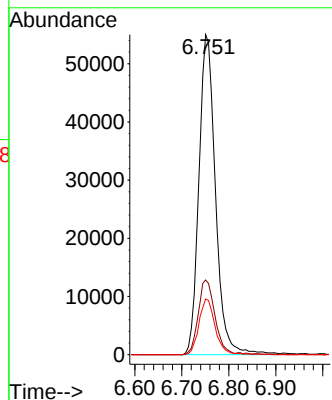
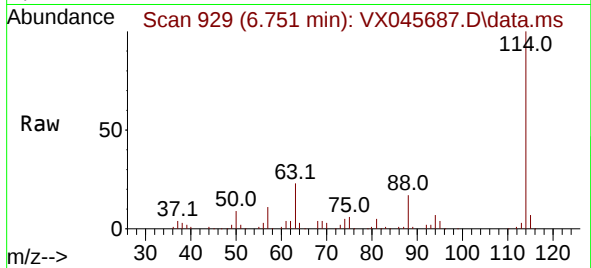




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX045687.D
Acq: 10 Apr 2025 09:19

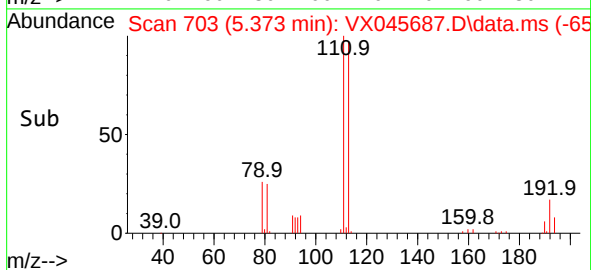
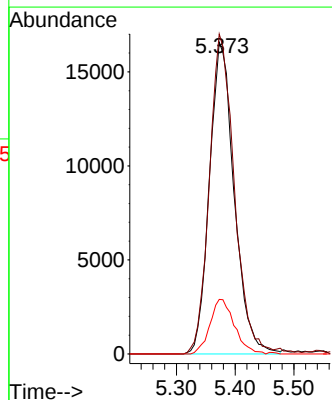
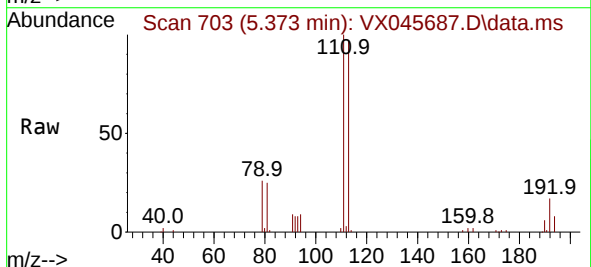
Instrument :
MSVOA_X
ClientSampleId :
VX0410MBL01

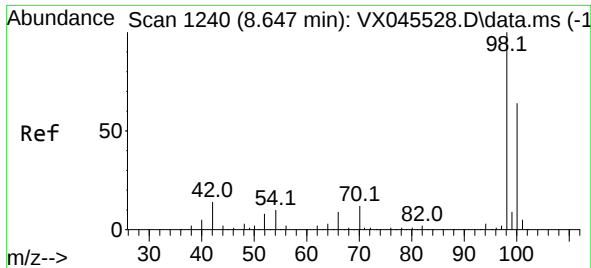
Tgt Ion:114 Resp: 135214
Ion Ratio Lower Upper
114 100
63 23.3 0.0 46.8
88 17.4 0.0 35.4



#35
Dibromofluoromethane
Concen: 50.596 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX045687.D
Acq: 10 Apr 2025 09:19

Tgt Ion:113 Resp: 48539
Ion Ratio Lower Upper
113 100
111 104.3 81.8 122.6
192 17.3 13.8 20.6

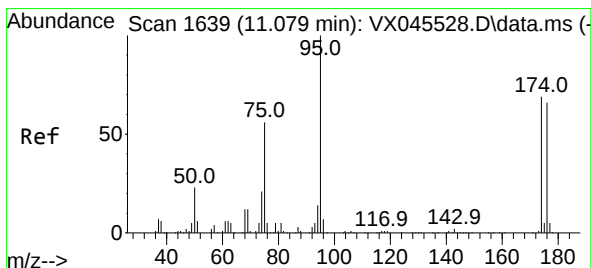
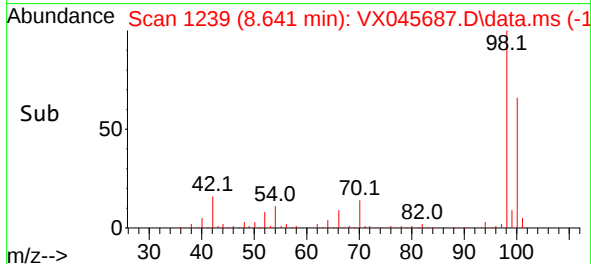
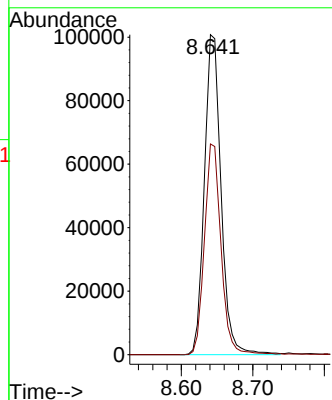
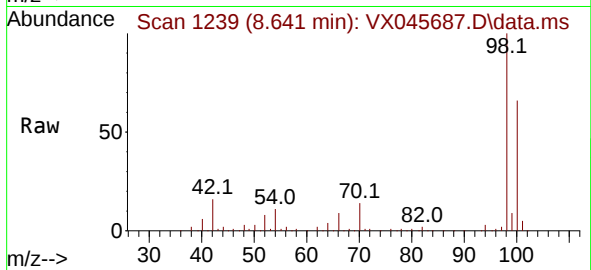




#50
Toluene-d8
Concen: 48.840 ug/l
RT: 8.641 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX045687.D
Acq: 10 Apr 2025 09:19

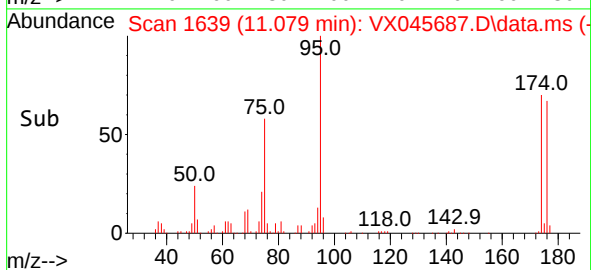
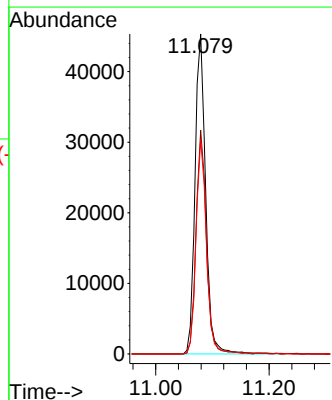
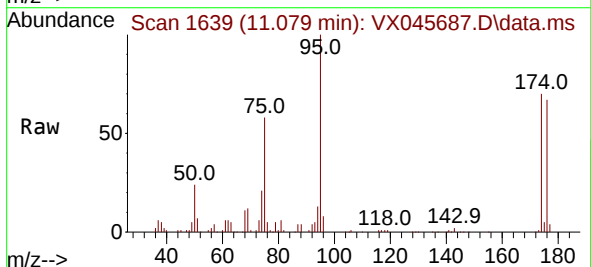
Instrument :
MSVOA_X
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VX0410MBL01

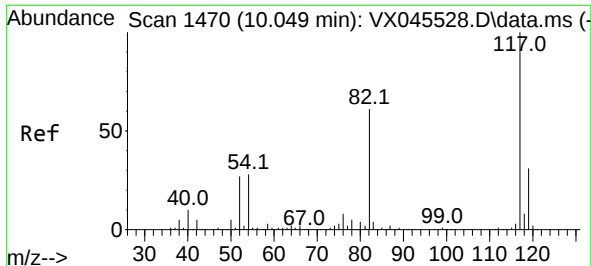
Tgt Ion: 98 Resp: 163541
Ion Ratio Lower Upper
98 100
100 65.6 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 48.326 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045687.D
Acq: 10 Apr 2025 09:19

Tgt Ion: 95 Resp: 58943
Ion Ratio Lower Upper
95 100
174 68.2 0.0 135.8
176 65.3 0.0 131.4

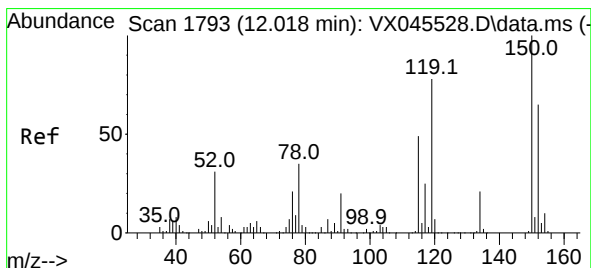
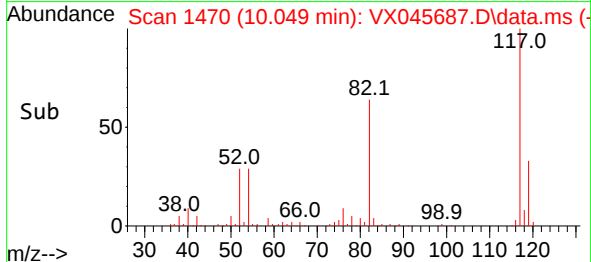
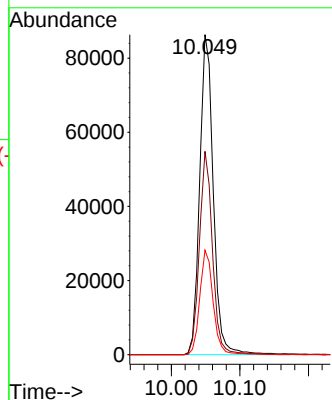
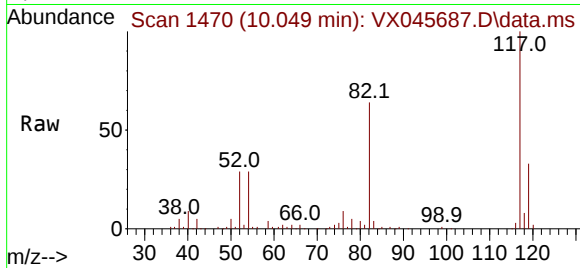




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045687.D
Acq: 10 Apr 2025 09:19

Instrument :
MSVOA_X
ClientSampleId :
VX0410MBL01

Tgt Ion:117 Resp: 119596
Ion Ratio Lower Upper
117 100
82 63.6 49.2 73.8
119 32.7 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045687.D
Acq: 10 Apr 2025 09:19

Tgt Ion:152 Resp: 49888
Ion Ratio Lower Upper
152 100
115 63.6 46.9 140.7
150 152.7 0.0 349.4

