

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031325\
 Data File : VX045258.D
 Acq On : 13 Mar 2025 10:52
 Operator : JC/MD
 Sample : VX0313MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0313MBL01

Quant Time: Mar 14 12:26:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	64782	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	127307	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	117989	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	48783	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	56906	55.224	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.440%
35) Dibromofluoromethane	5.379	113	45782	53.781	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.560%
50) Toluene-d8	8.647	98	158385	51.321	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.640%
62) 4-Bromofluorobenzene	11.079	95	54818	53.604	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	107.200%

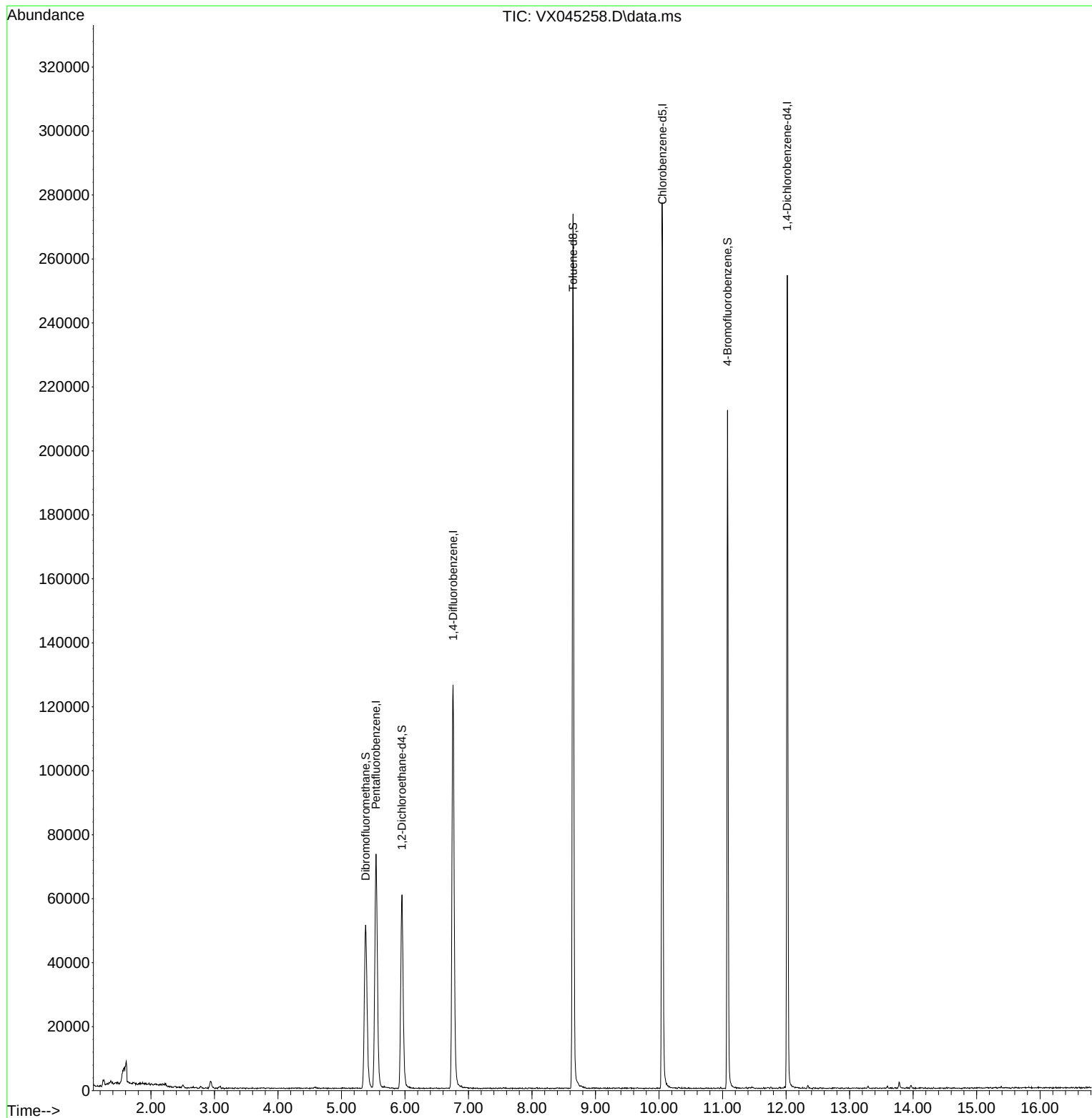
Target Compounds	Qvalue

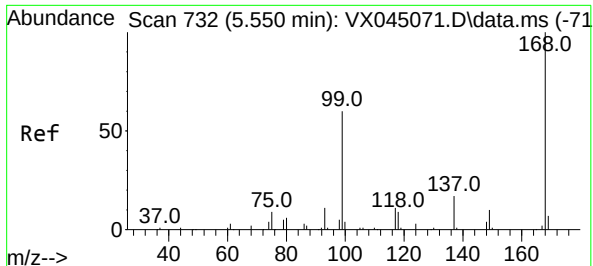
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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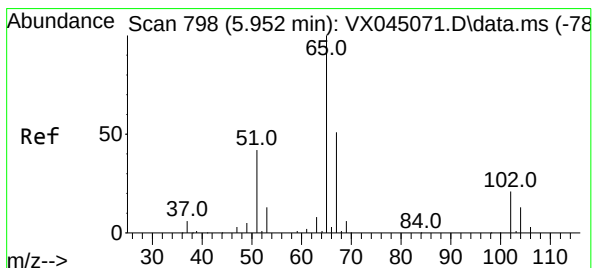
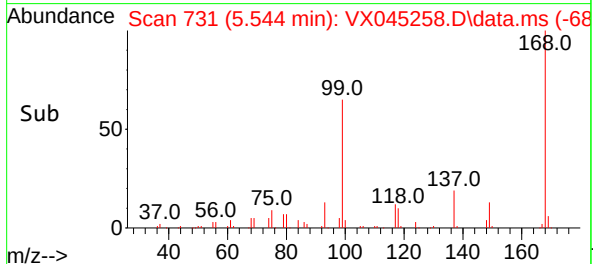
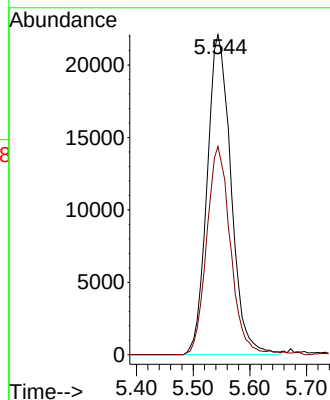
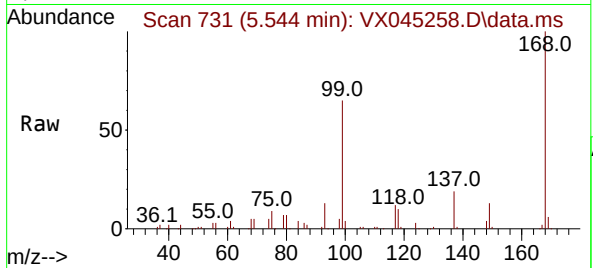




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.006 min
Lab File: VX045258.D
Acq: 13 Mar 2025 10:52

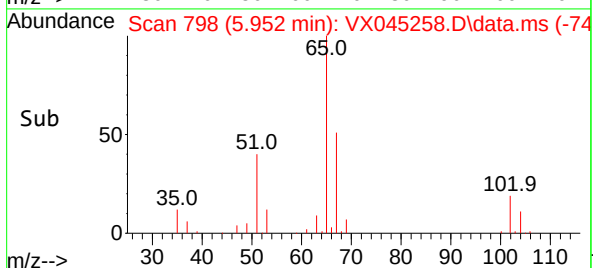
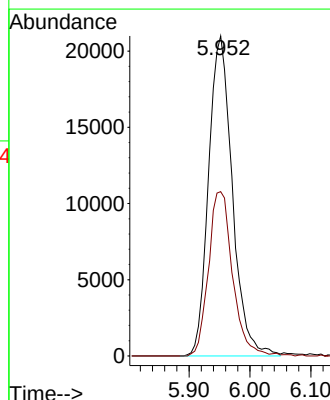
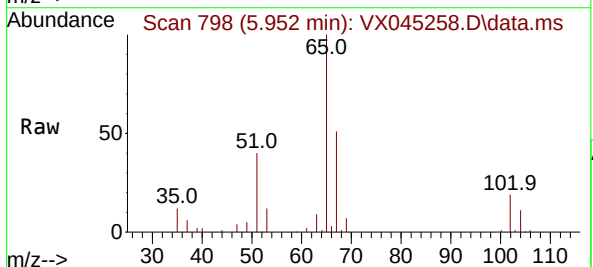
Instrument :
MSVOA_X
ClientSampleId :
VX0313MBL01

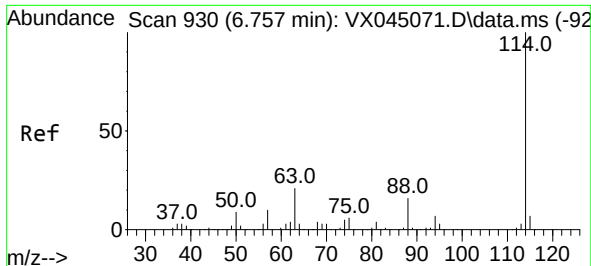
Tgt Ion:168 Resp: 64782
Ion Ratio Lower Upper
168 100
99 65.1 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 55.224 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045258.D
Acq: 13 Mar 2025 10:52

Tgt Ion: 65 Resp: 56906
Ion Ratio Lower Upper
65 100
67 52.1 0.0 106.2

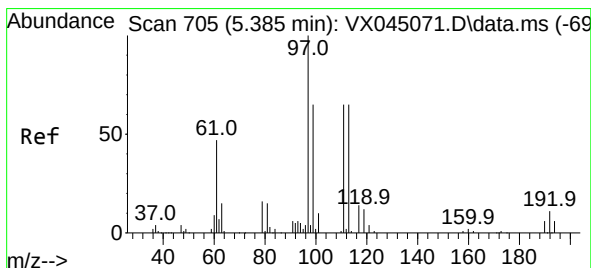
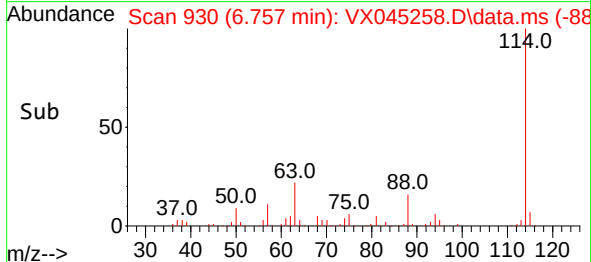
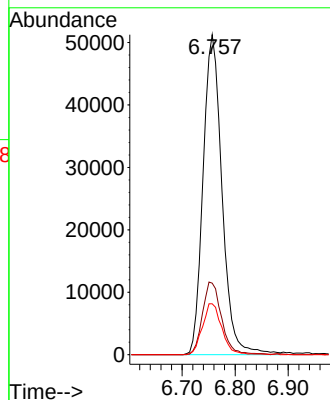
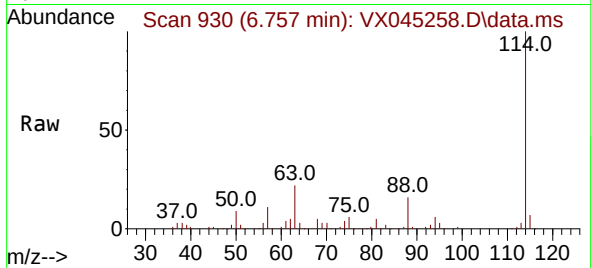




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VX045258.D
 Acq: 13 Mar 2025 10:52

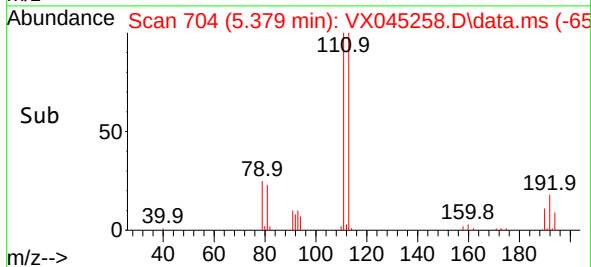
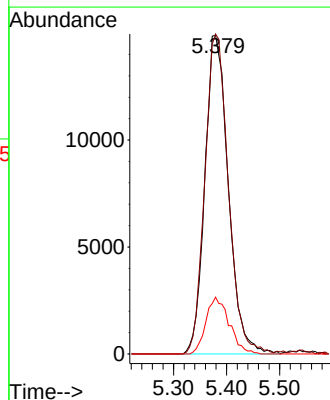
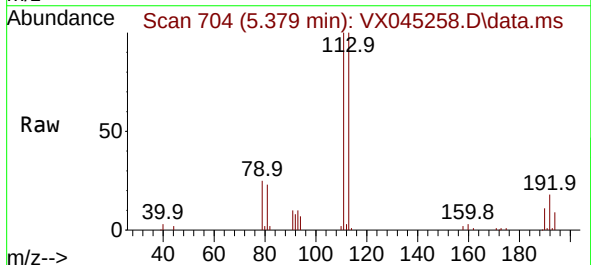
Instrument :
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 ClientSampleId :
 VX0313MBL01

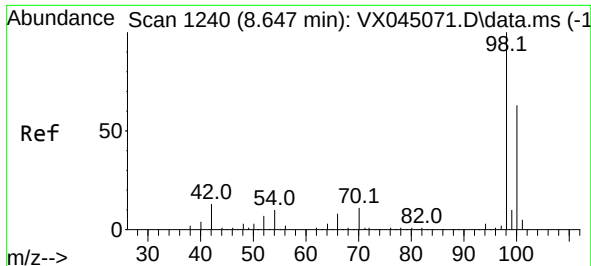
Tgt Ion:114 Resp: 127307
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 41.8
 88 15.9 0.0 32.8



#35
 Dibromofluoromethane
 Concen: 53.781 ug/l
 RT: 5.379 min Scan# 704
 Delta R.T. -0.006 min
 Lab File: VX045258.D
 Acq: 13 Mar 2025 10:52

Tgt Ion:113 Resp: 45782
 Ion Ratio Lower Upper
 113 100
 111 100.7 81.8 122.6
 192 17.7 14.3 21.5

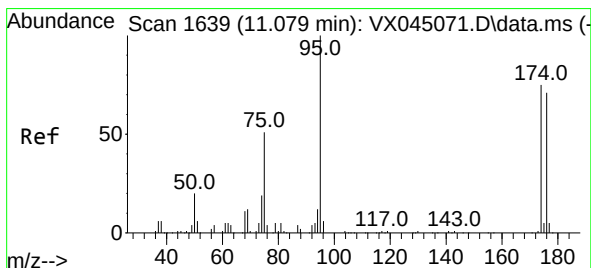
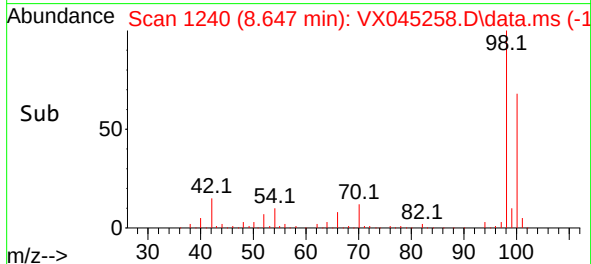
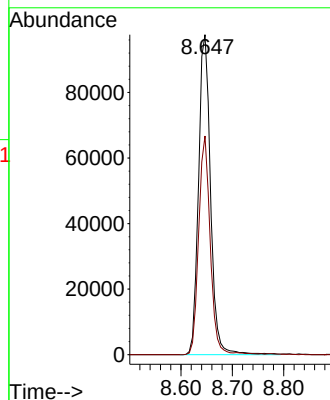
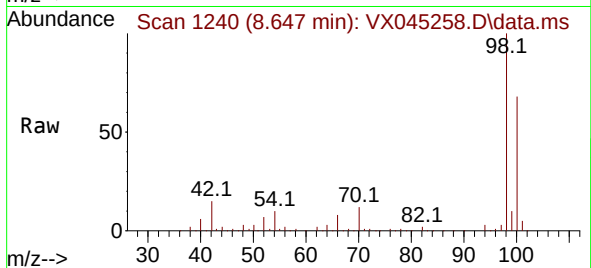




#50
Toluene-d8
Concen: 51.321 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045258.D
Acq: 13 Mar 2025 10:52

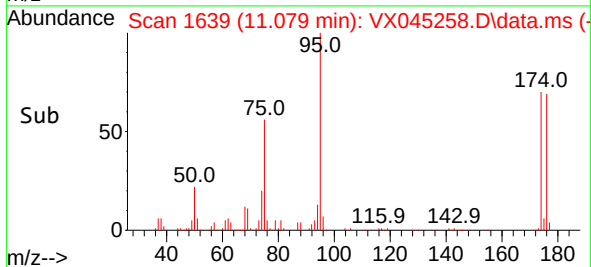
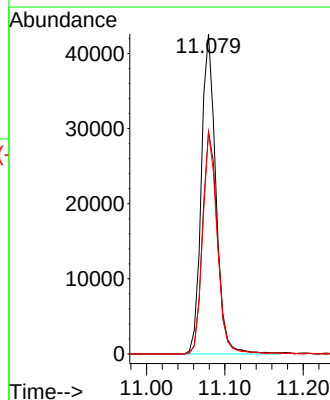
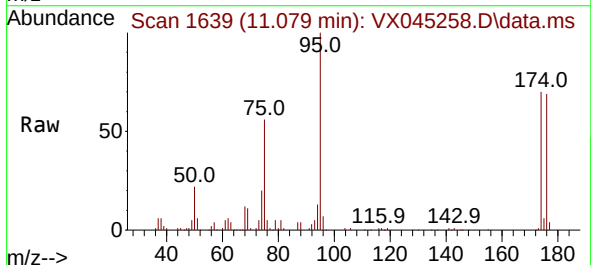
Instrument :
MSVOA_X
ClientSampleId :
VX0313MBL01

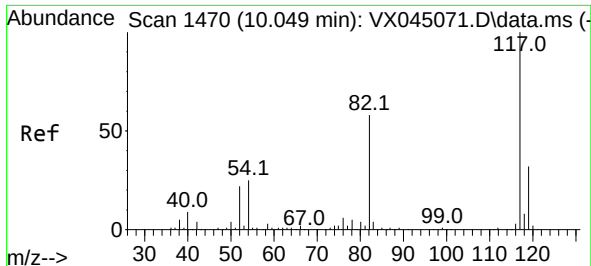
Tgt Ion: 98 Resp: 158385
Ion Ratio Lower Upper
98 100
100 65.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 53.604 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045258.D
Acq: 13 Mar 2025 10:52

Tgt Ion: 95 Resp: 54818
Ion Ratio Lower Upper
95 100
174 72.6 0.0 148.2
176 69.4 0.0 141.4

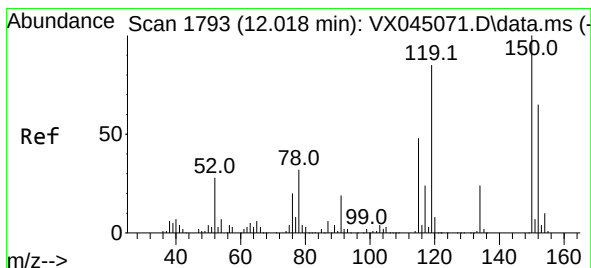
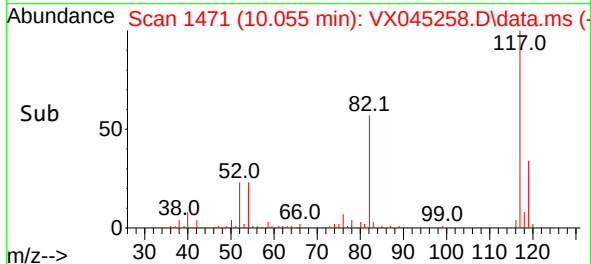
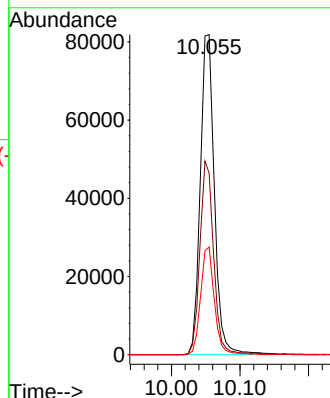
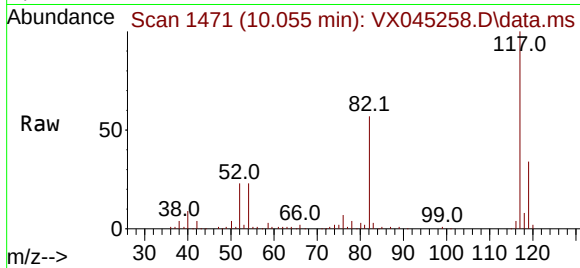




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX045258.D
Acq: 13 Mar 2025 10:52

Instrument :
MSVOA_X
ClientSampleId :
VX0313MBL01

Tgt Ion:117 Resp: 117989
Ion Ratio Lower Upper
117 100
82 56.7 46.3 69.5
119 33.6 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045258.D
Acq: 13 Mar 2025 10:52

Tgt Ion:152 Resp: 48783
Ion Ratio Lower Upper
152 100
115 61.7 44.2 132.6
150 157.7 0.0 349.0

