

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082525\
 Data File : VX047519.D
 Acq On : 25 Aug 2025 15:30
 Operator : JC/MD
 Sample : Q2954-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BRIDGE

Quant Time: Aug 26 00:39:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	200566	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.763	114	402418	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	392485	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	191604	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	158657	56.522	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	113.040%
35) Dibromofluoromethane	5.391	113	132726	50.819	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.640%
50) Toluene-d8	8.647	98	450174	48.224	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.440%
62) 4-Bromofluorobenzene	11.079	95	182239	52.903	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.800%

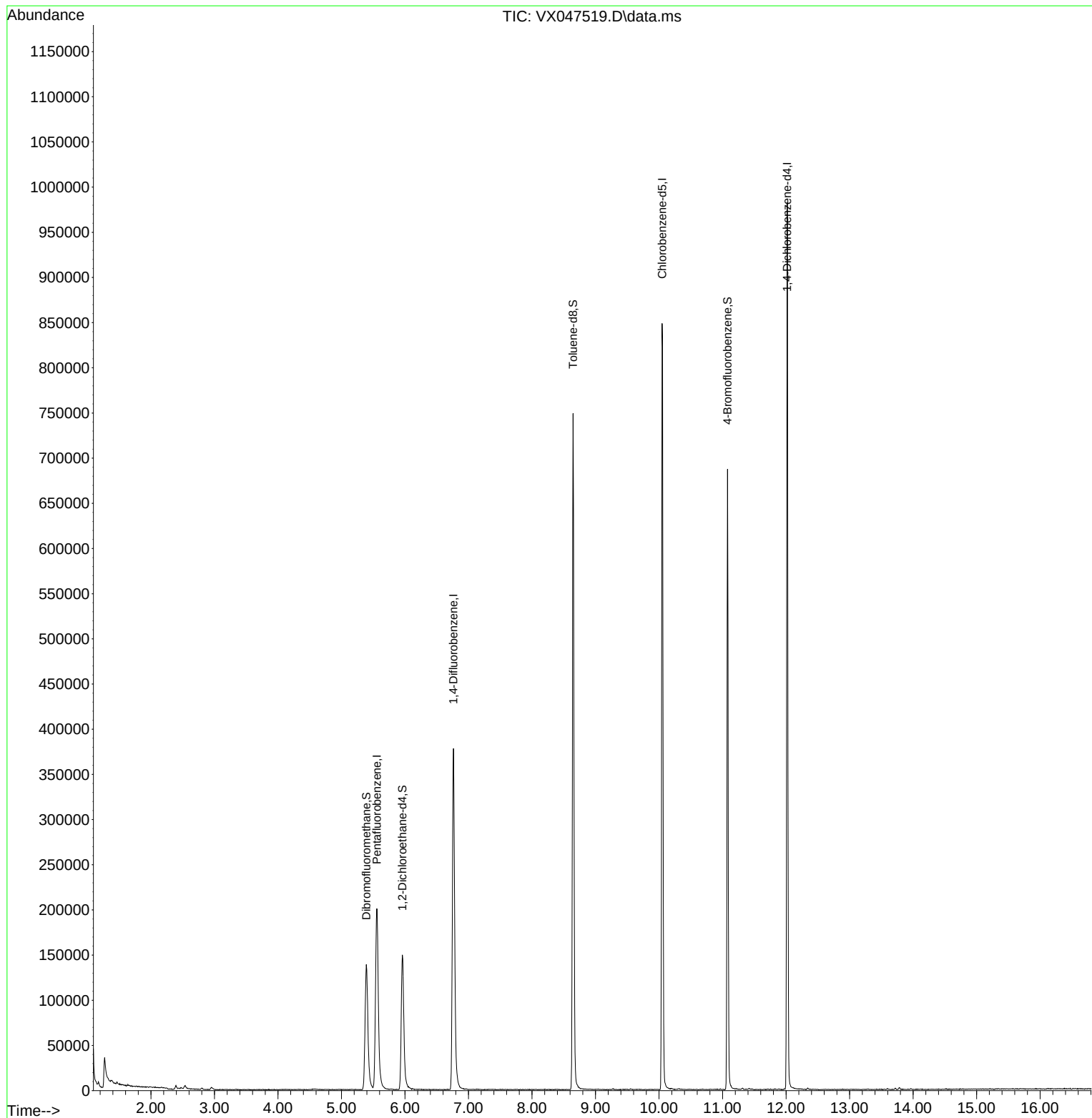
Target Compounds	Qvalue

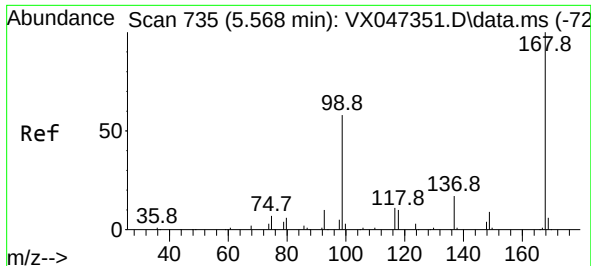
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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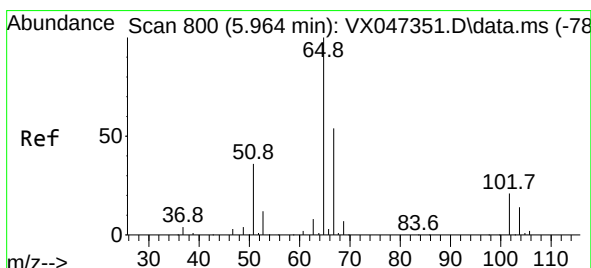
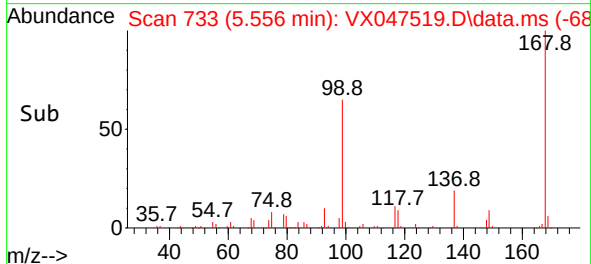
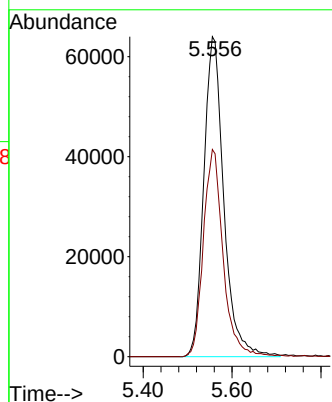
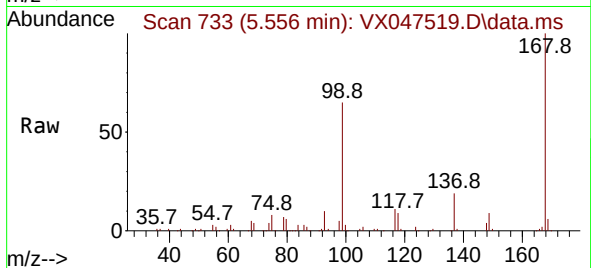




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.012 min
Lab File: VX047519.D
Acq: 25 Aug 2025 15:30

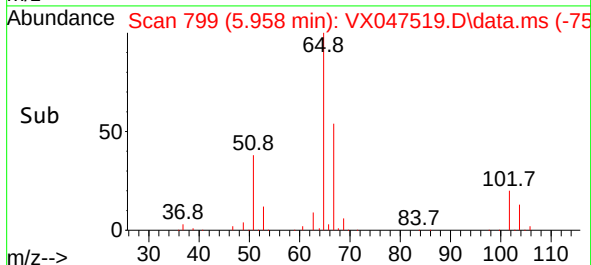
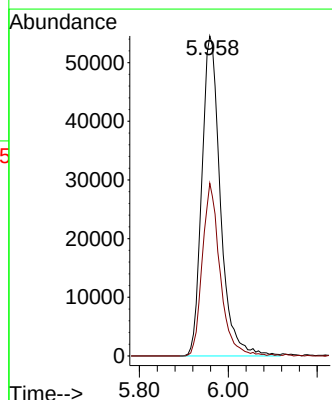
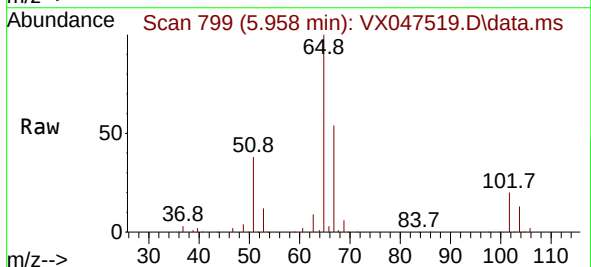
Instrument :
MSVOA_X
ClientSampleId :
BRIDGE

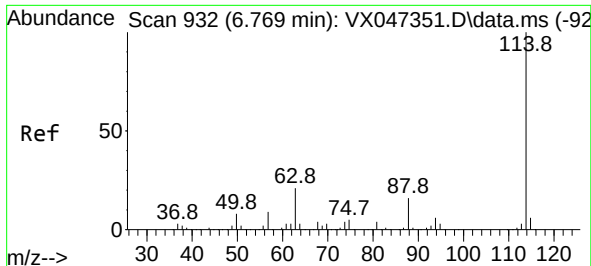
Tgt Ion:168 Resp: 200566
Ion Ratio Lower Upper
168 100
99 64.8 47.9 71.9



#33
1,2-Dichloroethane-d4
Concen: 56.522 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX047519.D
Acq: 25 Aug 2025 15:30

Tgt Ion: 65 Resp: 158657
Ion Ratio Lower Upper
65 100
67 51.6 0.0 106.0

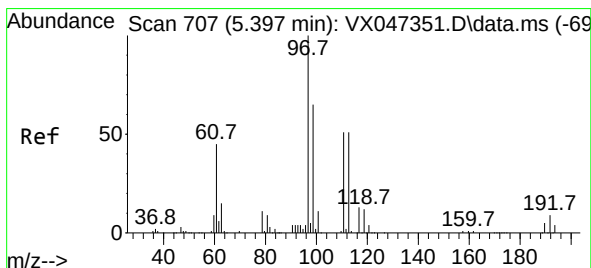
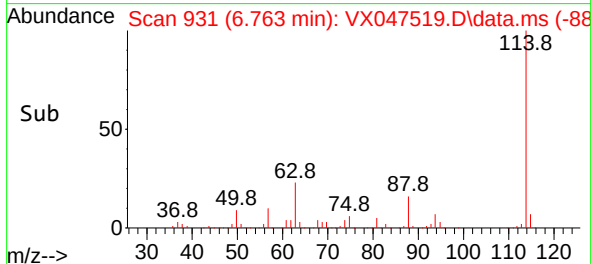
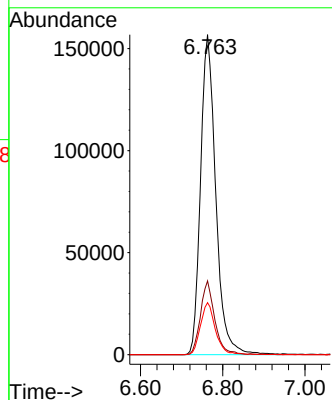
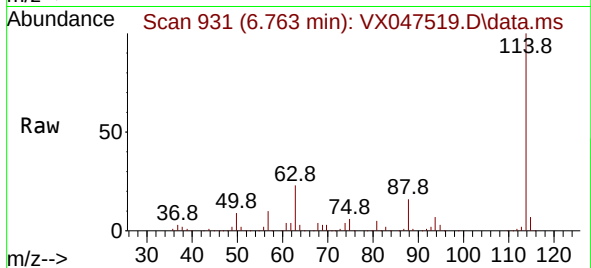




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX047519.D
Acq: 25 Aug 2025 15:30

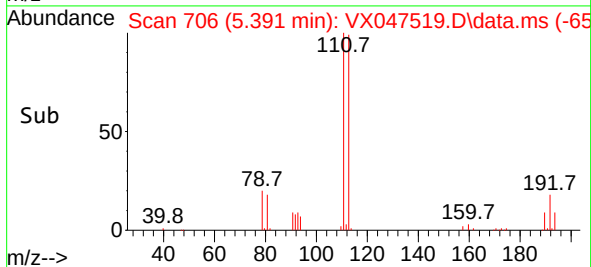
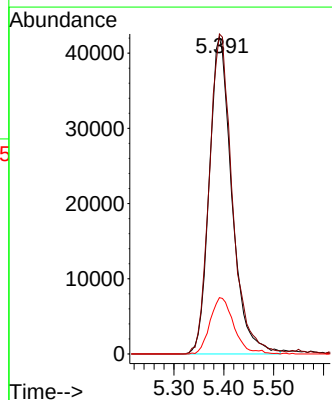
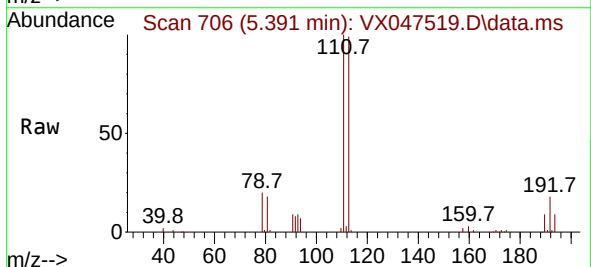
Instrument :
MSVOA_X
ClientSampleId :
BRIDGE

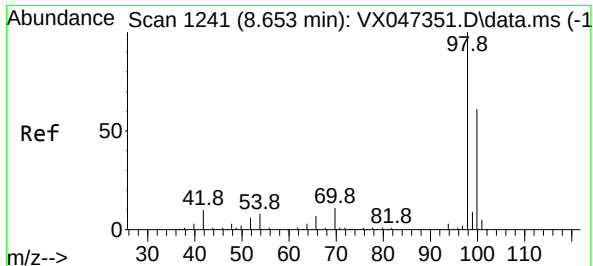
Tgt Ion:114 Resp: 402418
Ion Ratio Lower Upper
114 100
63 23.0 0.0 42.4
88 16.3 0.0 33.0



#35
Dibromofluoromethane
Concen: 50.819 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX047519.D
Acq: 25 Aug 2025 15:30

Tgt Ion:113 Resp: 132726
Ion Ratio Lower Upper
113 100
111 103.0 81.4 122.2
192 18.7 14.1 21.1

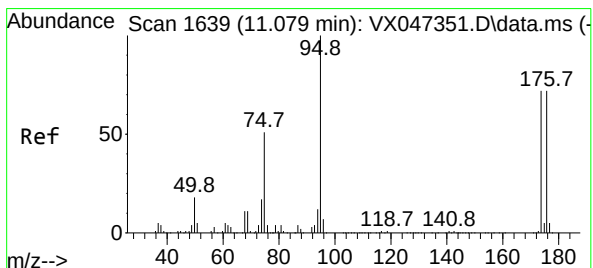
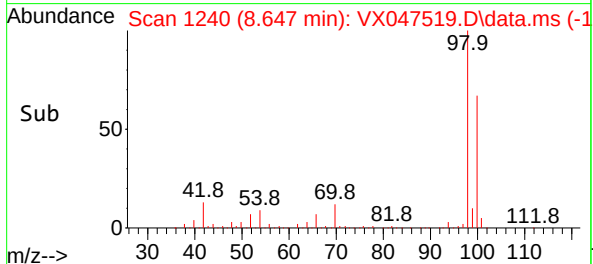
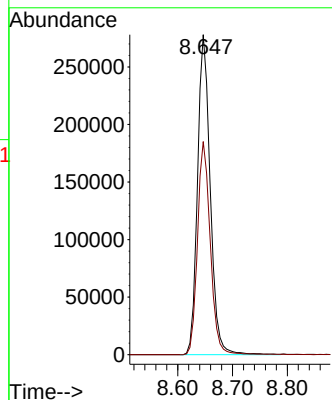
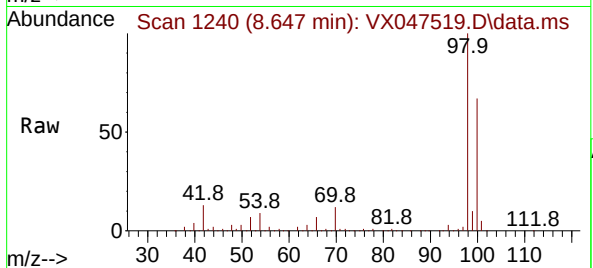




#50
Toluene-d8
Concen: 48.224 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047519.D
Acq: 25 Aug 2025 15:30

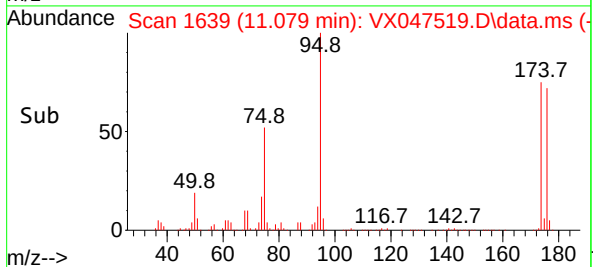
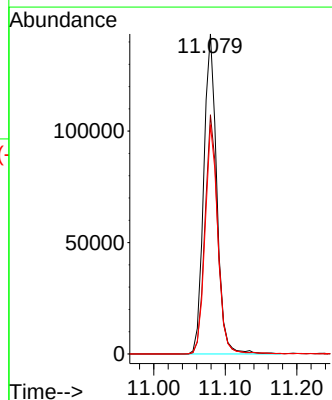
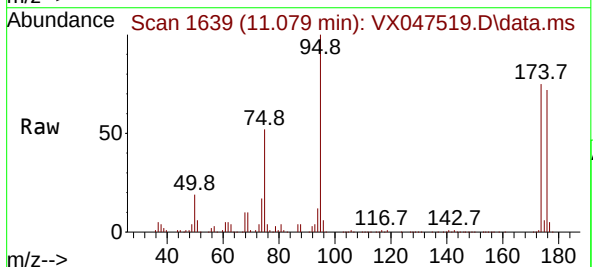
Instrument :
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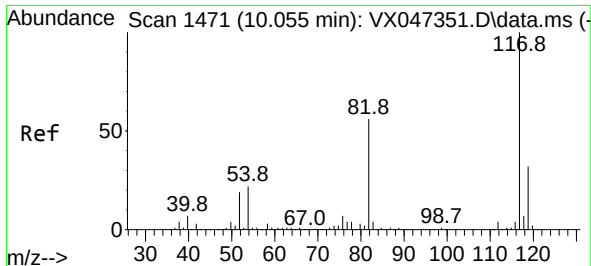
Tgt Ion: 98 Resp: 450174
Ion Ratio Lower Upper
98 100
100 66.9 53.9 80.9



#62
4-Bromofluorobenzene
Concen: 52.903 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX047519.D
Acq: 25 Aug 2025 15:30

Tgt Ion: 95 Resp: 182239
Ion Ratio Lower Upper
95 100
174 73.2 0.0 148.0
176 70.5 0.0 145.4

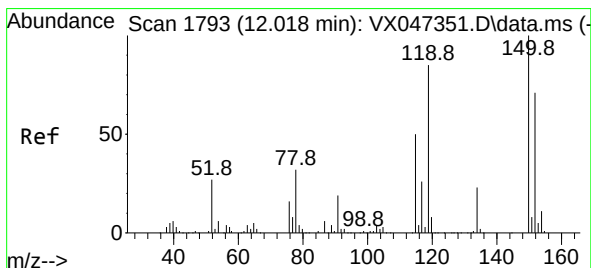
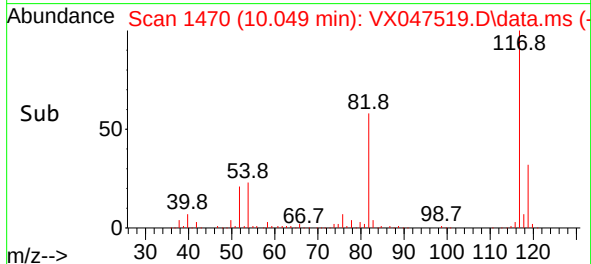
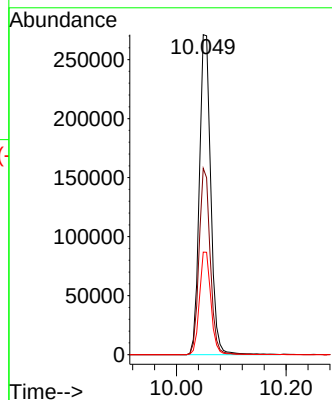
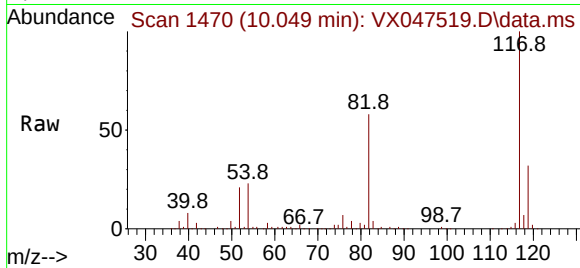




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX047519.D
Acq: 25 Aug 2025 15:30

Instrument :
MSVOA_X
ClientSampleId :
BRIDGE

Tgt Ion:117 Resp: 392485
Ion Ratio Lower Upper
117 100
82 58.2 45.0 67.4
119 32.1 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX047519.D
Acq: 25 Aug 2025 15:30

Tgt Ion:152 Resp: 191604
Ion Ratio Lower Upper
152 100
115 61.0 44.6 133.8
150 158.6 0.0 349.8

