

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060425\
 Data File : VX046510.D
 Acq On : 04 Jun 2025 19:00
 Operator : JC/MD
 Sample : Q2200-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-060325

Quant Time: Jun 05 02:07:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.543	168	58762	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	118020	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	111037	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	47922	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	58326	53.241	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	106.480%
35) Dibromofluoromethane	5.385	113	42480	49.984	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.960%
50) Toluene-d8	8.646	98	146129	49.678	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.360%
62) 4-Bromofluorobenzene	11.079	95	57197	50.692	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	101.380%

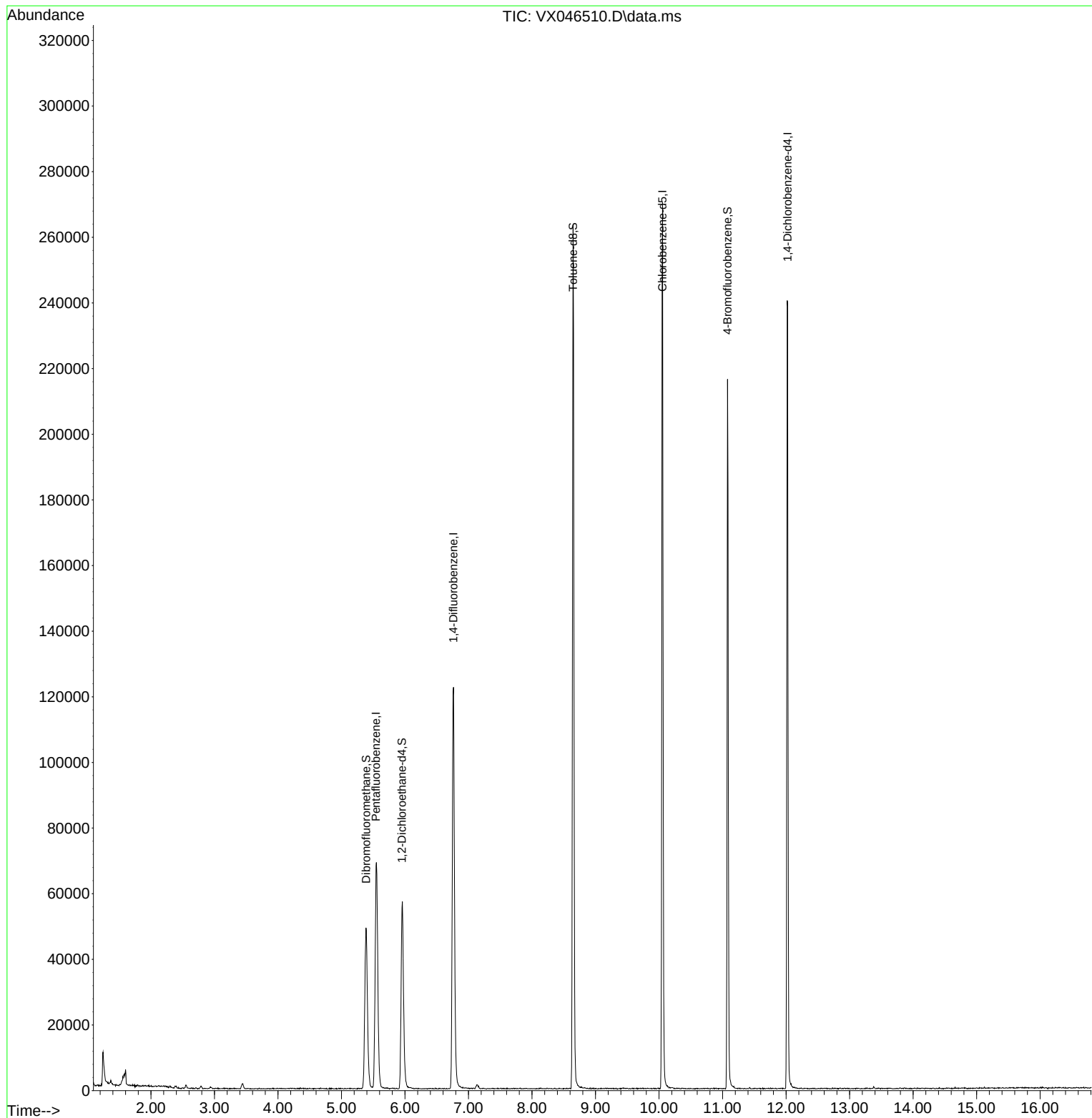
Target Compounds	Qvalue

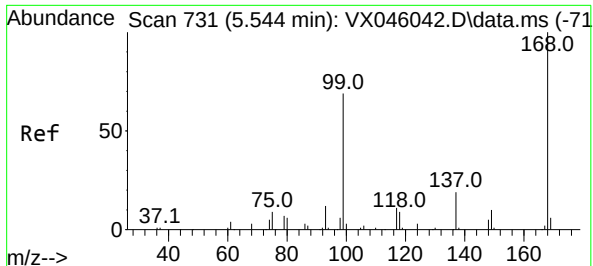
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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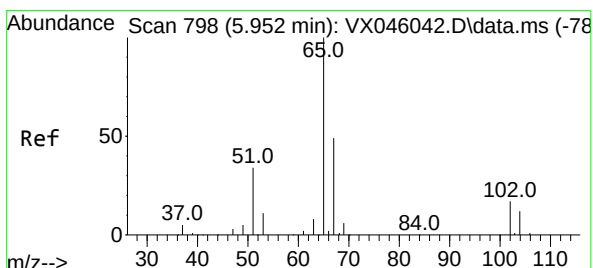
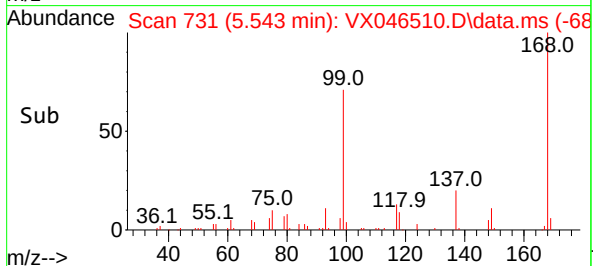
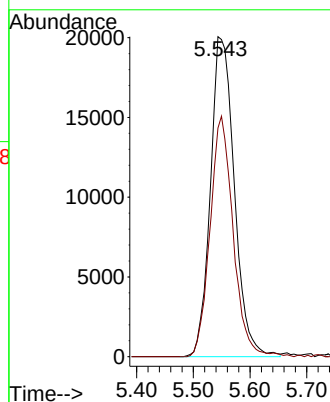
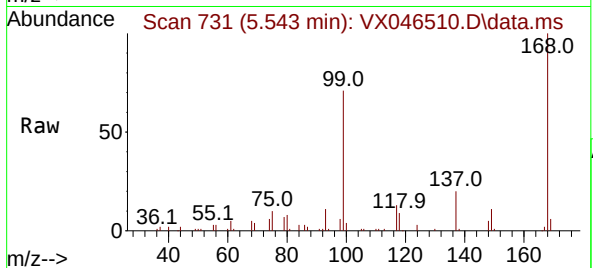




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 711
Delta R.T. -0.001 min
Lab File: VX046510.D
Acq: 04 Jun 2025 19:00

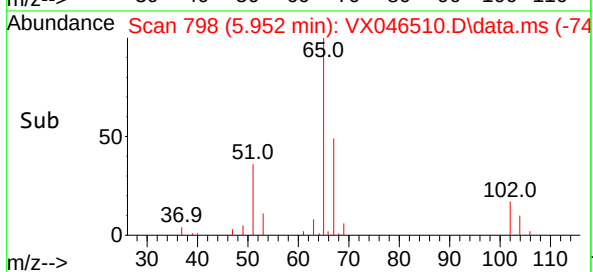
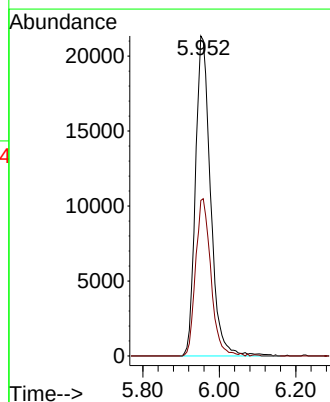
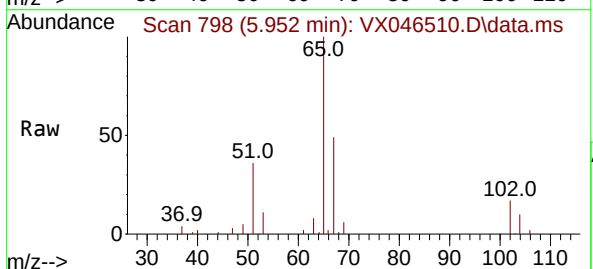
Instrument :
MSVOA_X
ClientSampleId :
TB-01-060325

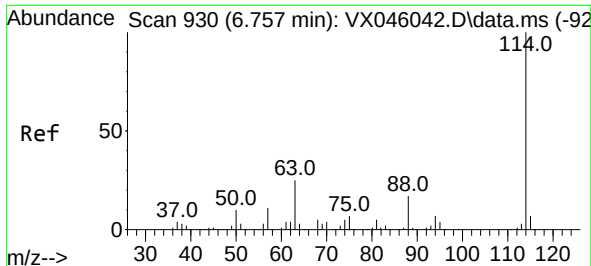
Tgt Ion:168 Resp: 58762
Ion Ratio Lower Upper
168 100
99 71.4 54.9 82.3



#33
1,2-Dichloroethane-d4
Concen: 53.241 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX046510.D
Acq: 04 Jun 2025 19:00

Tgt Ion: 65 Resp: 58326
Ion Ratio Lower Upper
65 100
67 49.8 0.0 99.0

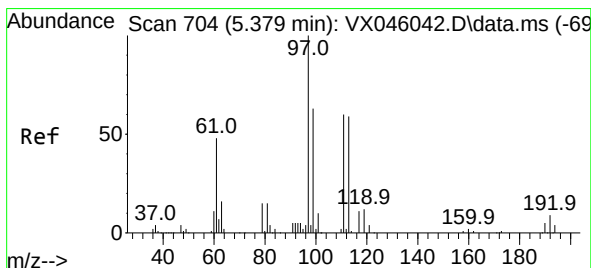
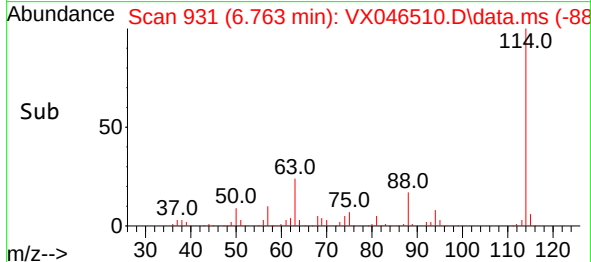
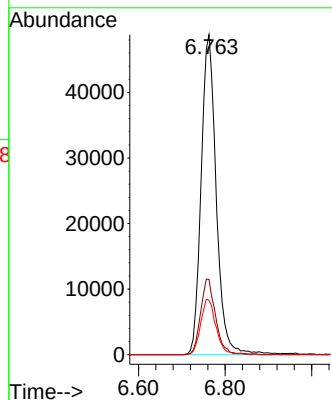
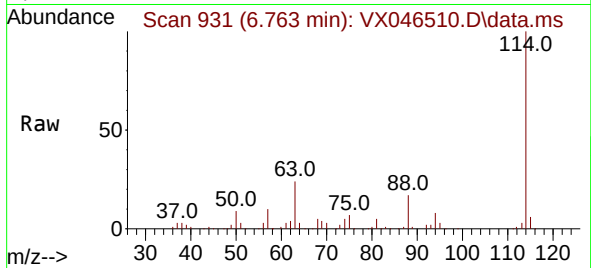




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX046510.D
Acq: 04 Jun 2025 19:00

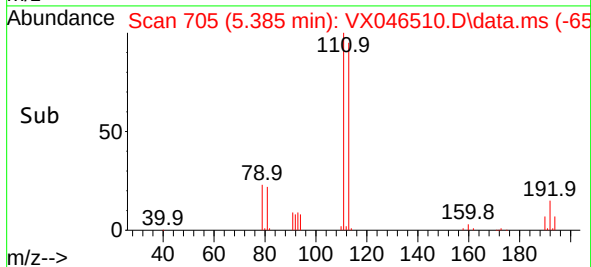
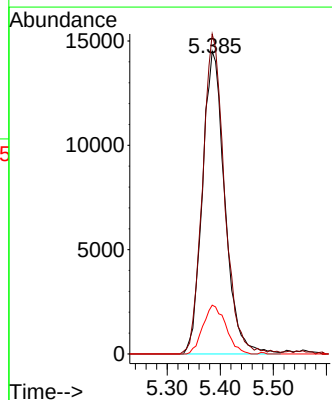
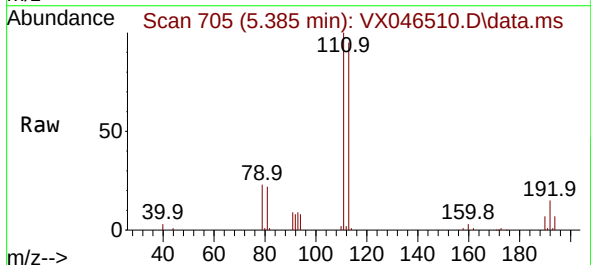
Instrument :
MSVOA_X
ClientSampleId :
TB-01-060325

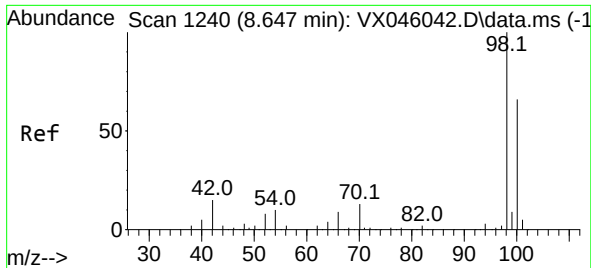
Tgt Ion:114 Resp: 118020
Ion Ratio Lower Upper
114 100
63 23.5 0.0 49.2
88 17.0 0.0 33.6



#35
Dibromofluoromethane
Concen: 49.984 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX046510.D
Acq: 04 Jun 2025 19:00

Tgt Ion:113 Resp: 42480
Ion Ratio Lower Upper
113 100
111 103.2 83.1 124.7
192 16.6 13.3 19.9

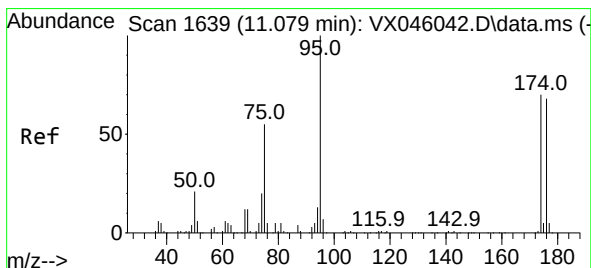
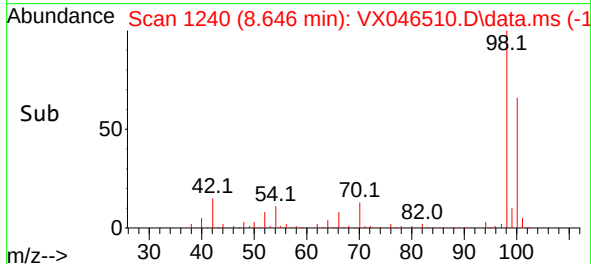
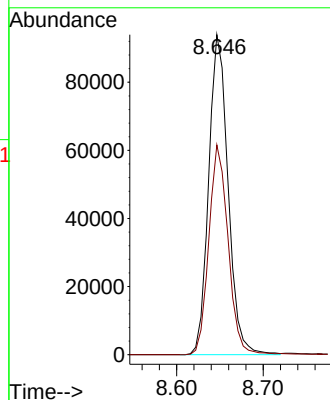
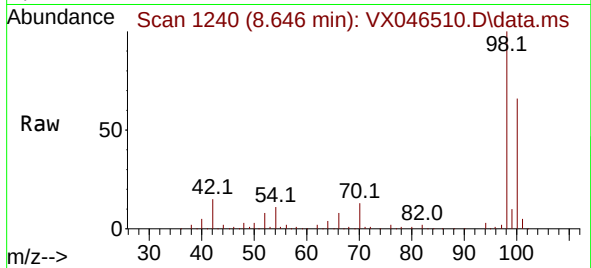




#50
Toluene-d8
Concen: 49.678 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046510.D
Acq: 04 Jun 2025 19:00

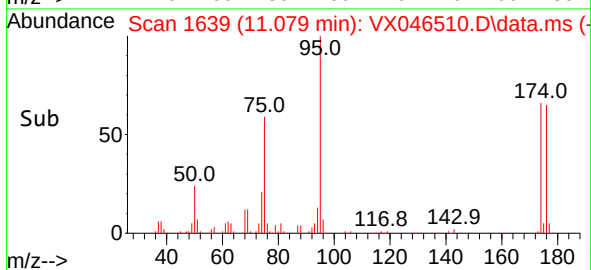
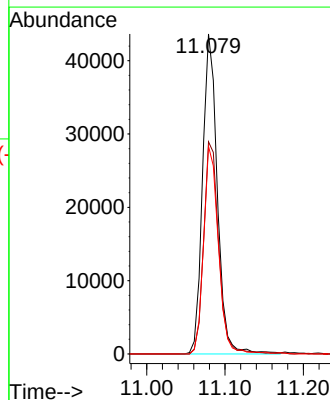
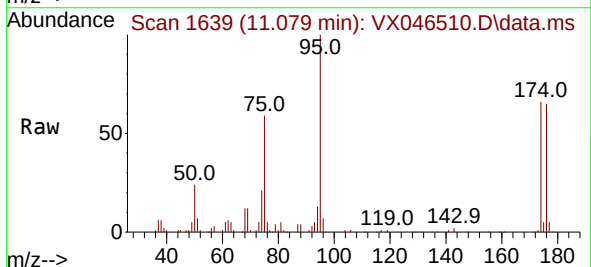
Instrument :
MSVOA_X
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TB-01-060325

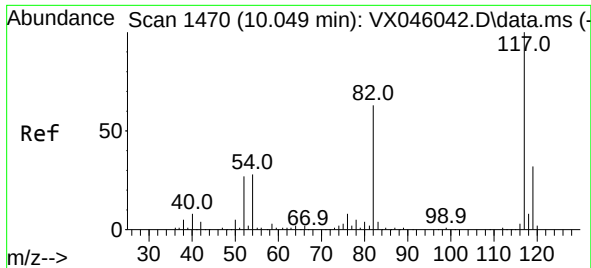
Tgt Ion: 98 Resp: 146129
Ion Ratio Lower Upper
98 100
100 65.5 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 50.692 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046510.D
Acq: 04 Jun 2025 19:00

Tgt Ion: 95 Resp: 57197
Ion Ratio Lower Upper
95 100
174 67.4 0.0 135.8
176 64.9 0.0 131.4

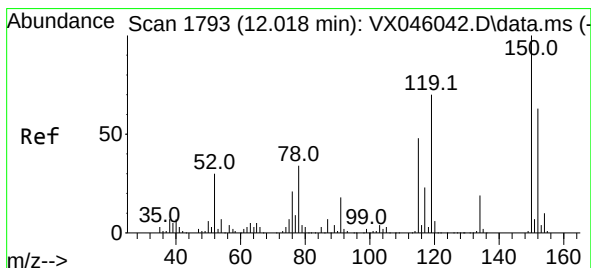
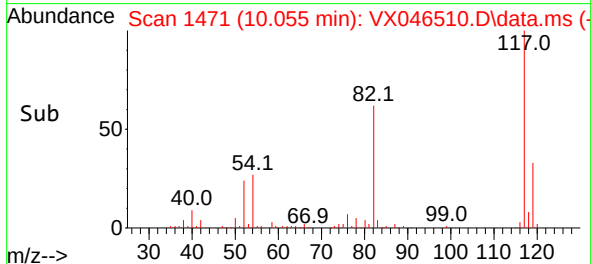
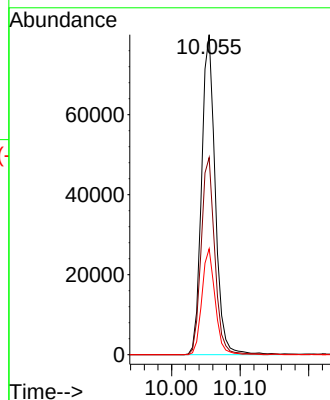
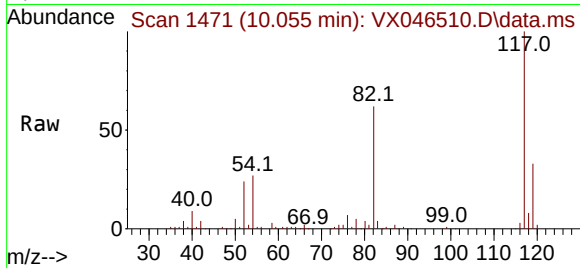




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX046510.D
Acq: 04 Jun 2025 19:00

Instrument :
MSVOA_X
ClientSampleId :
TB-01-060325

Tgt Ion:117 Resp: 111037
Ion Ratio Lower Upper
117 100
82 61.6 50.6 76.0
119 33.1 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX046510.D
Acq: 04 Jun 2025 19:00

Tgt Ion:152 Resp: 47922
Ion Ratio Lower Upper
152 100
115 65.1 46.9 140.7
150 154.2 0.0 351.0

