

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052325\
 Data File : VX046332.D
 Acq On : 23 May 2025 09:53
 Operator : JC/MD
 Sample : VX0523MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0523MBL01

Quant Time: May 23 22:56:43 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	5.544	168	59074	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	117281	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	111918	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	48375	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	58472	53.092	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	106.180%
35) Dibromofluoromethane	5.379	113	42889	50.783	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.560%
50) Toluene-d8	8.647	98	146121	49.989	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.980%
62) 4-Bromofluorobenzene	11.079	95	57871	51.613	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	103.220%

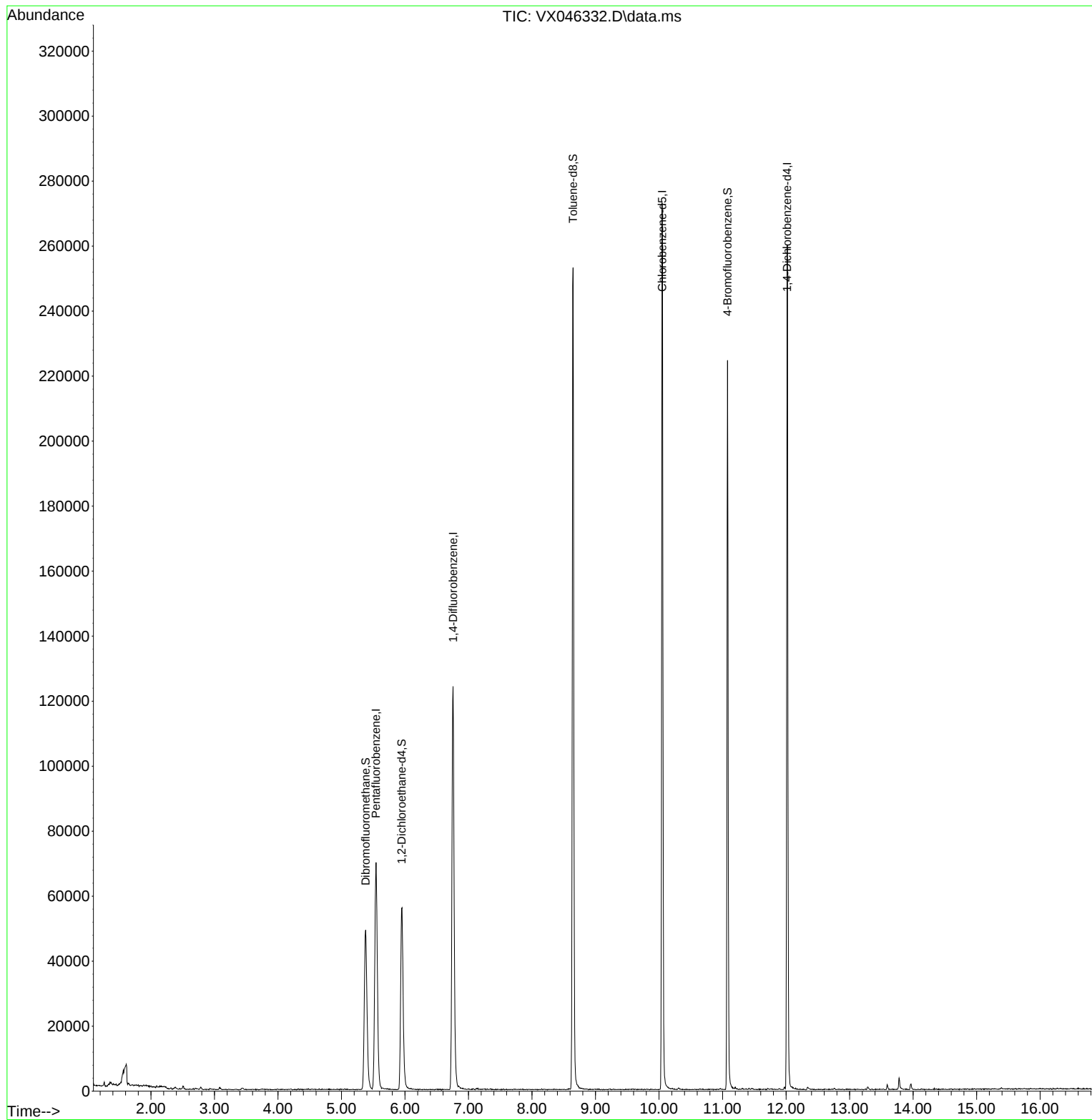
Target Compounds	Qvalue

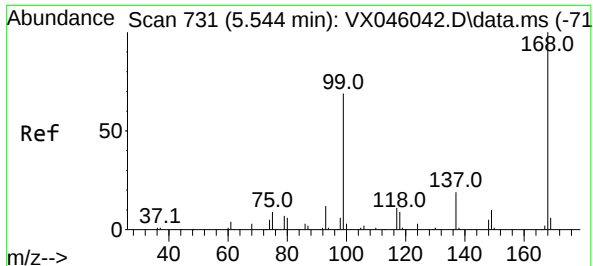
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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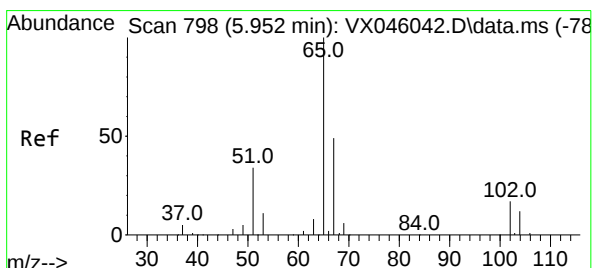
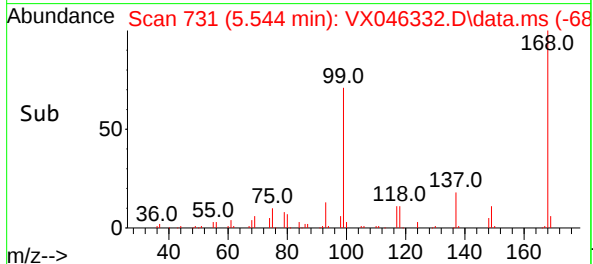
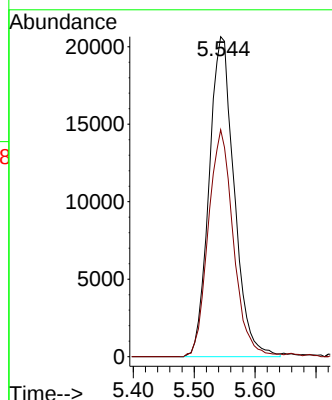
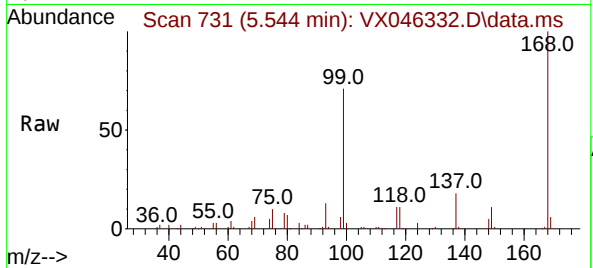




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046332.D
Acq: 23 May 2025 09:53

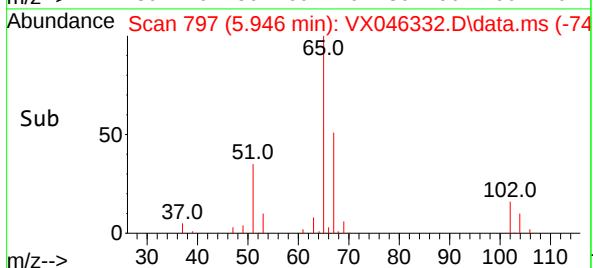
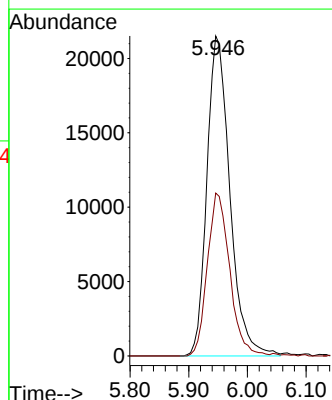
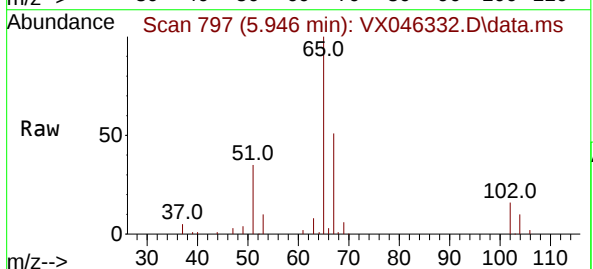
Instrument :
MSVOA_X
ClientSampleId :
VX0523MBL01

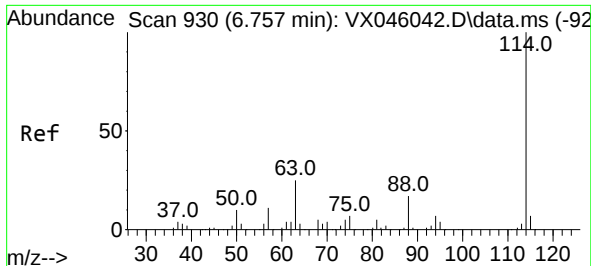
Tgt Ion:168 Resp: 59074
Ion Ratio Lower Upper
168 100
99 70.9 54.9 82.3



#33
1,2-Dichloroethane-d4
Concen: 53.092 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX046332.D
Acq: 23 May 2025 09:53

Tgt Ion: 65 Resp: 58472
Ion Ratio Lower Upper
65 100
67 49.5 0.0 99.0

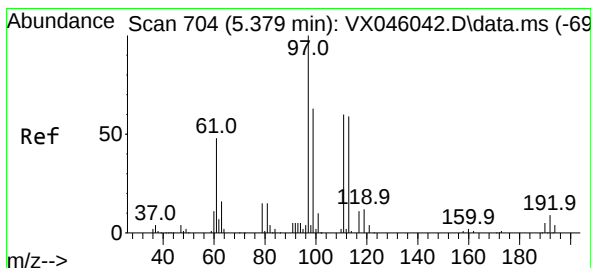
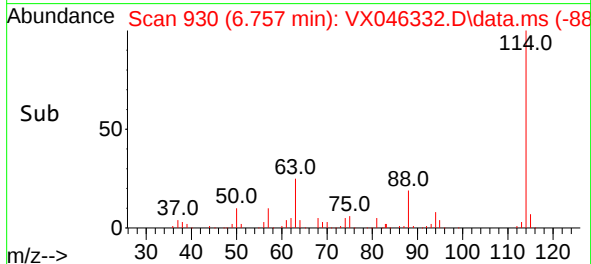
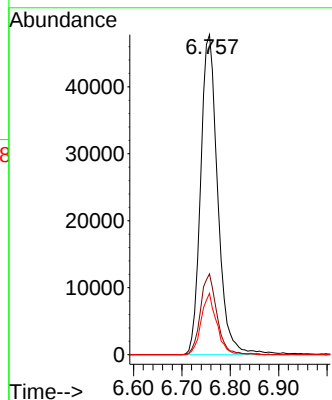
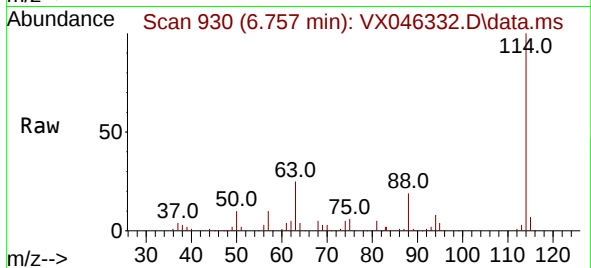




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX046332.D
Acq: 23 May 2025 09:53

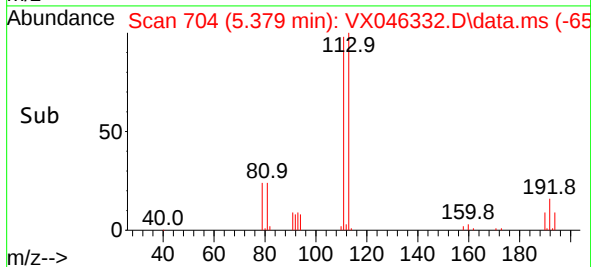
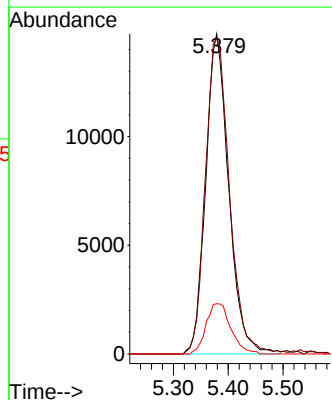
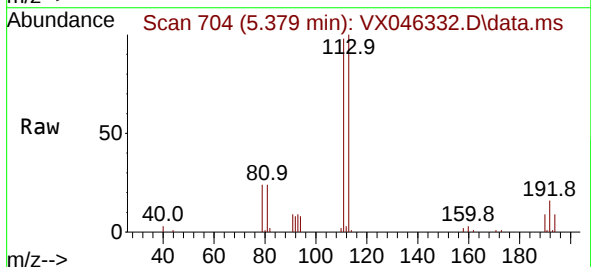
Instrument :
MSVOA_X
ClientSampleId :
VX0523MBL01

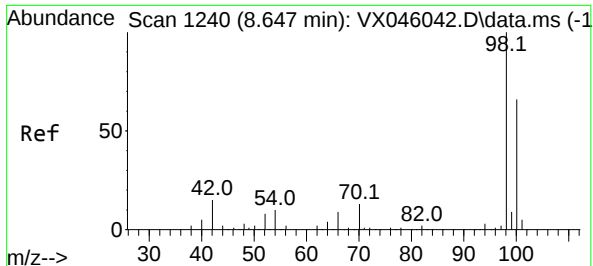
Tgt Ion:114 Resp: 117281
Ion Ratio Lower Upper
114 100
63 25.2 0.0 49.2
88 19.1 0.0 33.6



#35
Dibromofluoromethane
Concen: 50.783 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046332.D
Acq: 23 May 2025 09:53

Tgt Ion:113 Resp: 42889
Ion Ratio Lower Upper
113 100
111 103.2 83.1 124.7
192 16.9 13.3 19.9





#50

Toluene-d8

Concen: 49.989 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX046332.D

Acq: 23 May 2025 09:53

Instrument :

MSVOA_X

ClientSampleId :

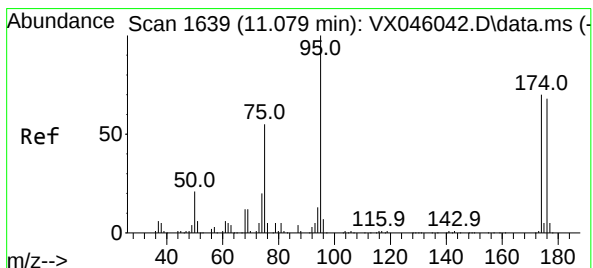
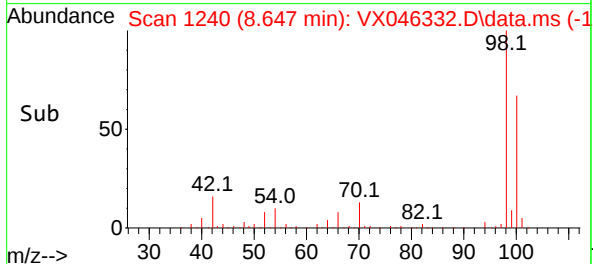
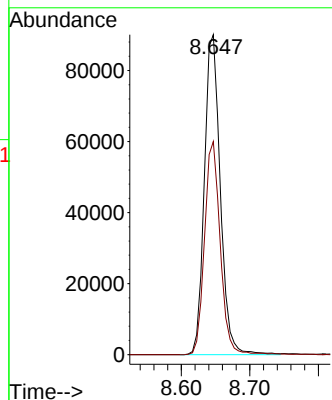
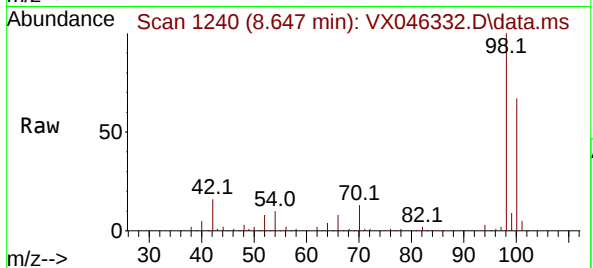
VX0523MBL01

Tgt Ion: 98 Resp: 146121

Ion Ratio Lower Upper

98 100

100 65.7 53.5 80.3



#62

4-Bromofluorobenzene

Concen: 51.613 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX046332.D

Acq: 23 May 2025 09:53

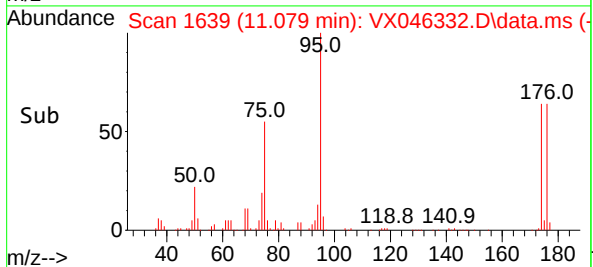
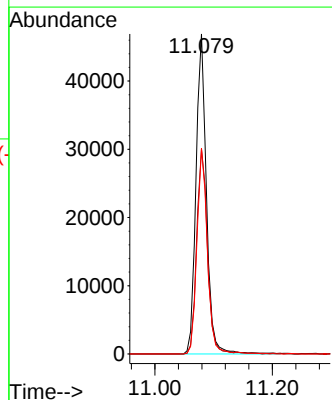
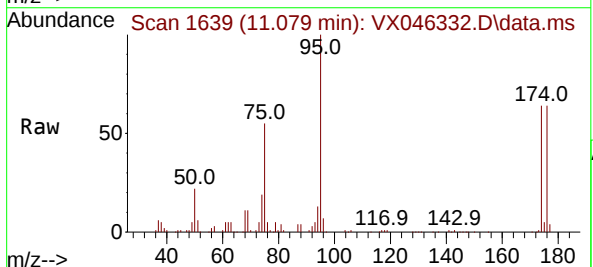
Tgt Ion: 95 Resp: 57871

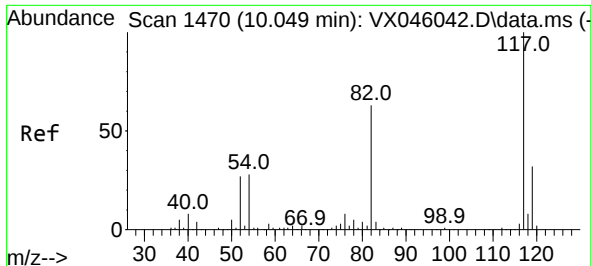
Ion Ratio Lower Upper

95 100

174 66.6 0.0 135.8

176 64.3 0.0 131.4

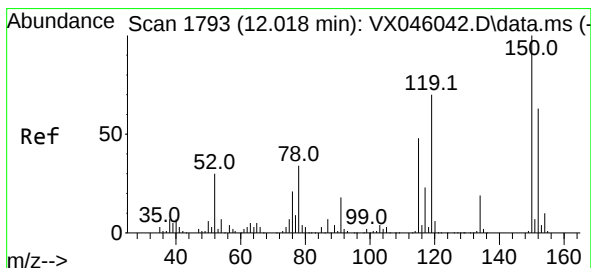
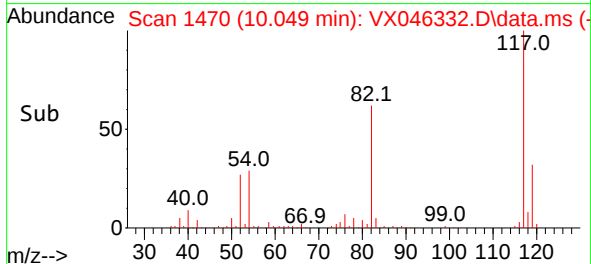
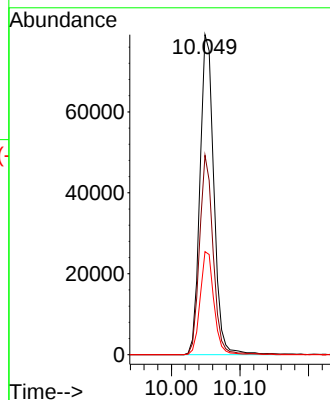
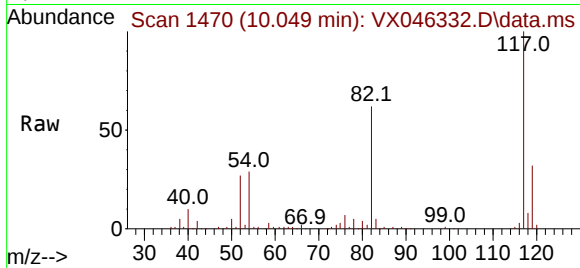




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046332.D
Acq: 23 May 2025 09:53

Instrument :
MSVOA_X
ClientSampleId :
VX0523MBL01

Tgt Ion:117 Resp: 111918
Ion Ratio Lower Upper
117 100
82 62.3 50.6 76.0
119 32.2 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046332.D
Acq: 23 May 2025 09:53

Tgt Ion:152 Resp: 48375
Ion Ratio Lower Upper
152 100
115 65.2 46.9 140.7
150 157.5 0.0 351.0

