

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051525\
 Data File : VX046201.D
 Acq On : 15 May 2025 10:15
 Operator : JC/MD
 Sample : VX0515MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0515MBL01

Quant Time: May 16 01:01:32 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	56169	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	111393	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	102679	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	41784	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	56067	53.541	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	107.080%
35) Dibromofluoromethane	5.379	113	40653	50.680	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.360%
50) Toluene-d8	8.647	98	138035	49.718	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.440%
62) 4-Bromofluorobenzene	11.079	95	52384	49.189	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	98.380%

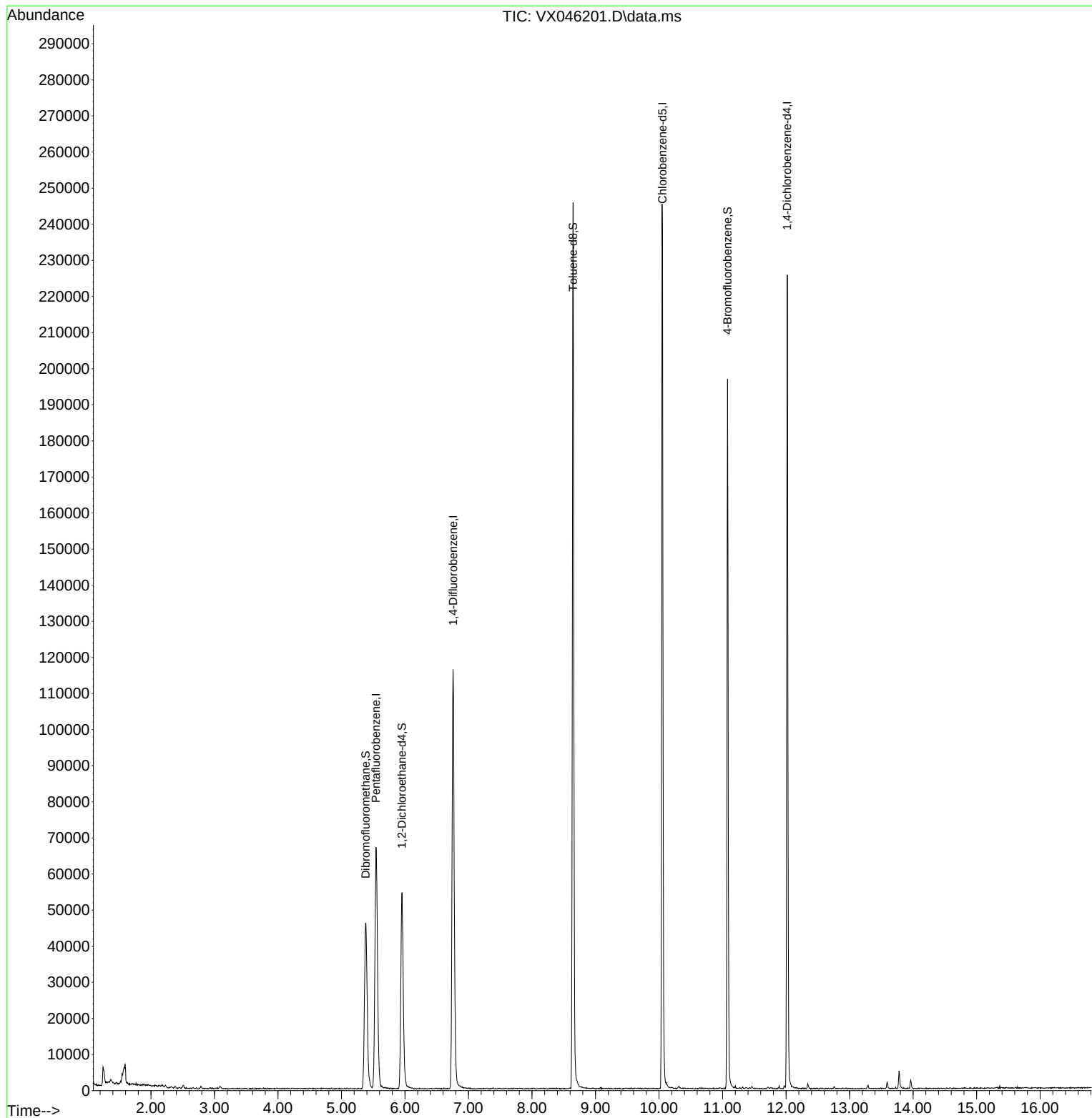
Target Compounds	Qvalue

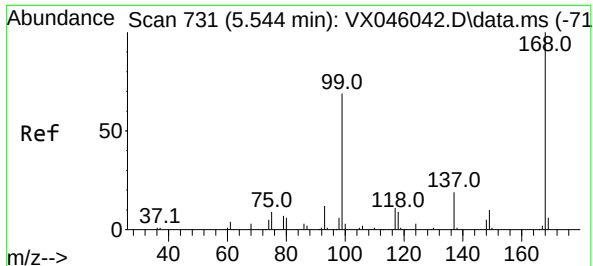
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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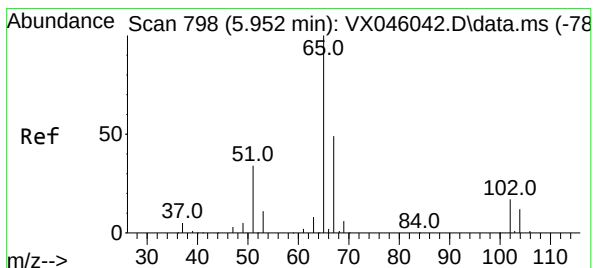
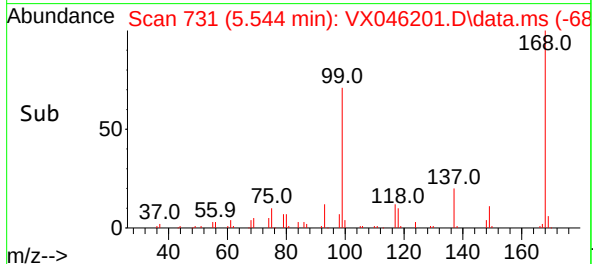
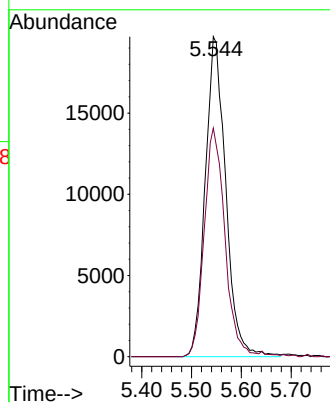
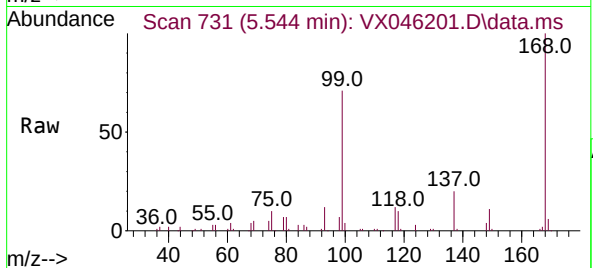




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX046201.D
Acq: 15 May 2025 10:15

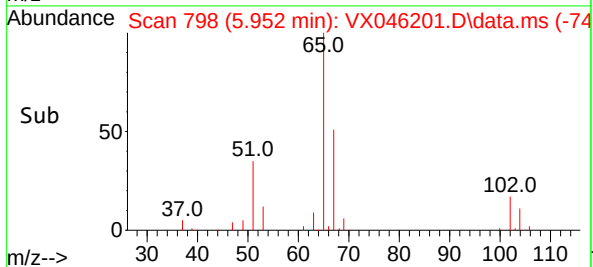
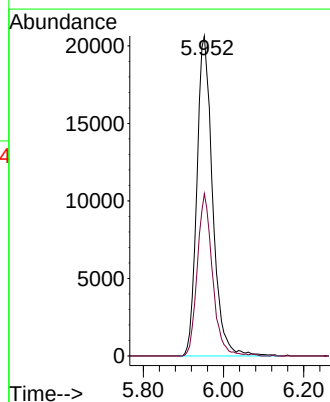
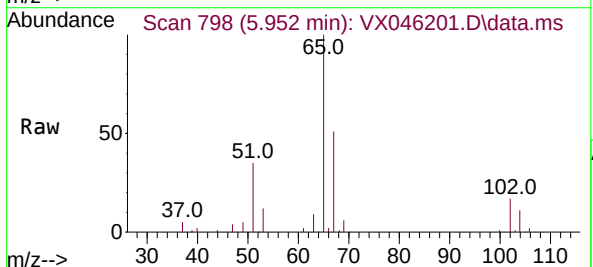
Instrument :
MSVOA_X
ClientSampleId :
VX0515MBL01

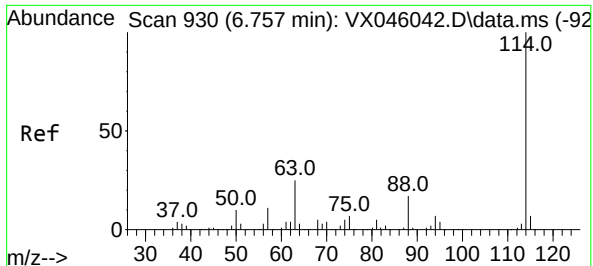
Tgt Ion:168 Resp: 56169
Ion Ratio Lower Upper
168 100
99 71.5 54.9 82.3



#33
1,2-Dichloroethane-d4
Concen: 53.541 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX046201.D
Acq: 15 May 2025 10:15

Tgt Ion: 65 Resp: 56067
Ion Ratio Lower Upper
65 100
67 48.9 0.0 99.0

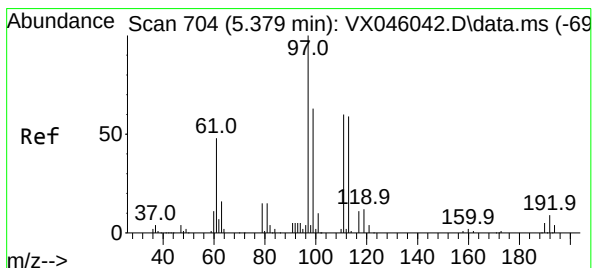
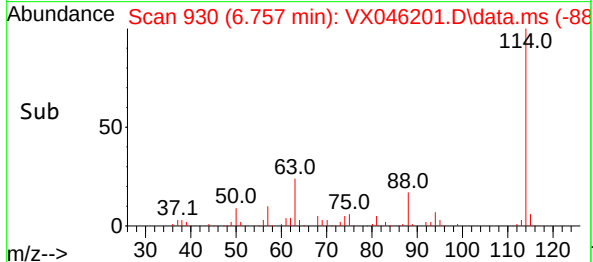
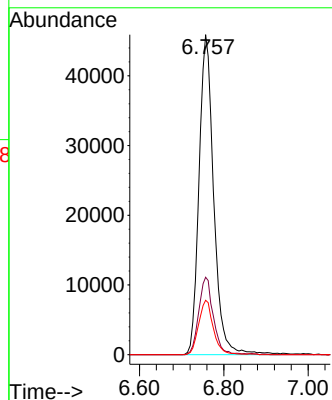
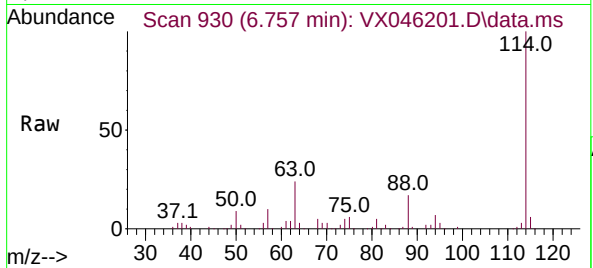




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX046201.D
Acq: 15 May 2025 10:15

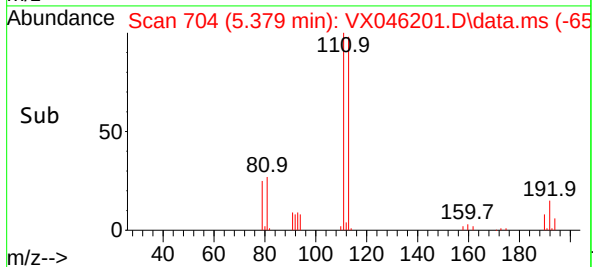
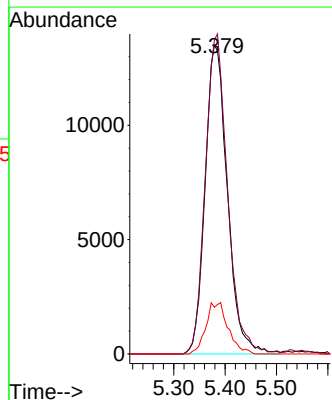
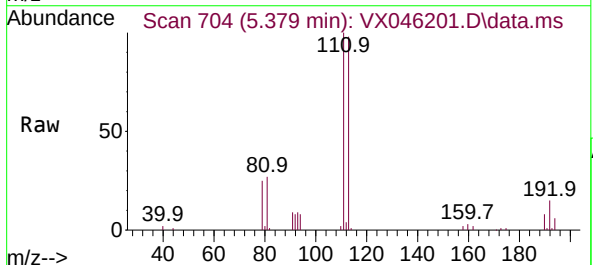
Instrument :
MSVOA_X
ClientSampleId :
VX0515MBL01

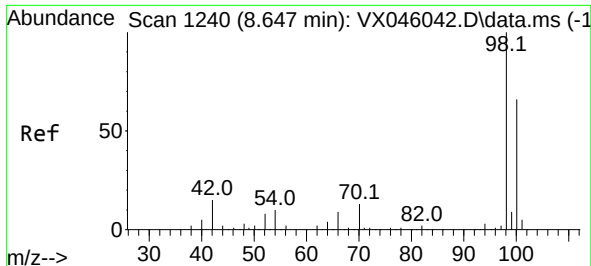
Tgt Ion:114 Resp: 111393
Ion Ratio Lower Upper
114 100
63 24.2 0.0 49.2
88 17.0 0.0 33.6



#35
Dibromofluoromethane
Concen: 50.680 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046201.D
Acq: 15 May 2025 10:15

Tgt Ion:113 Resp: 40653
Ion Ratio Lower Upper
113 100
111 103.2 83.1 124.7
192 16.5 13.3 19.9

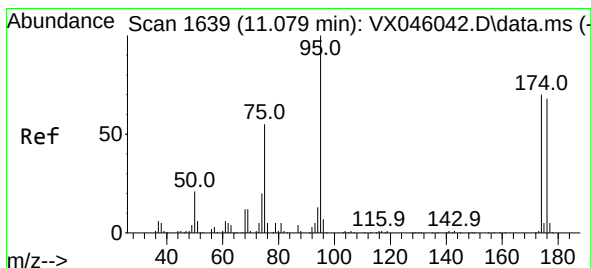
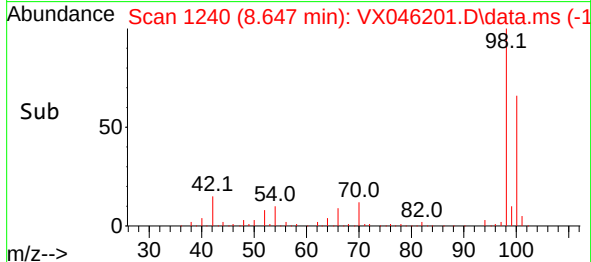
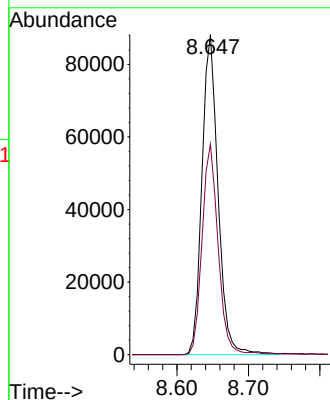
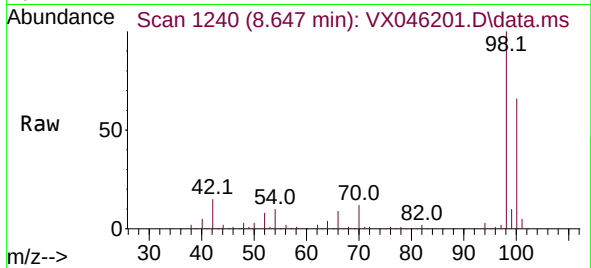




#50
Toluene-d8
Concen: 49.718 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046201.D
Acq: 15 May 2025 10:15

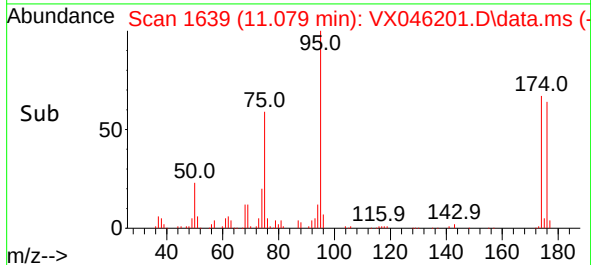
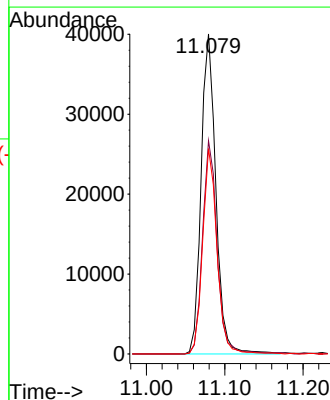
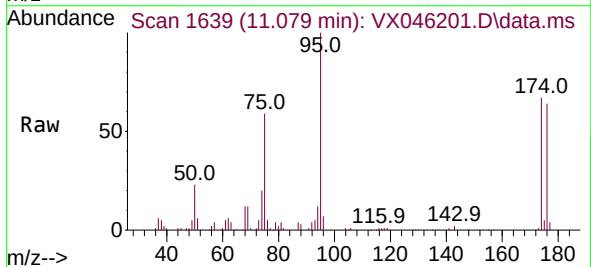
Instrument :
MSVOA_X
ClientSampleId :
VX0515MBL01

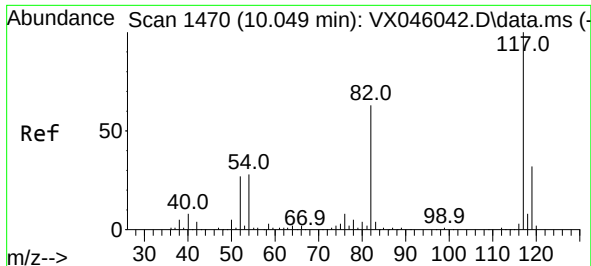
Tgt Ion: 98 Resp: 138035
Ion Ratio Lower Upper
98 100
100 65.9 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 49.189 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046201.D
Acq: 15 May 2025 10:15

Tgt Ion: 95 Resp: 52384
Ion Ratio Lower Upper
95 100
174 65.5 0.0 135.8
176 62.5 0.0 131.4

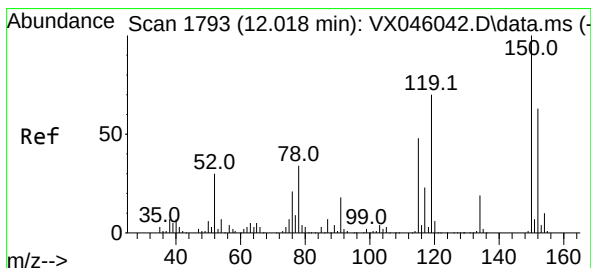
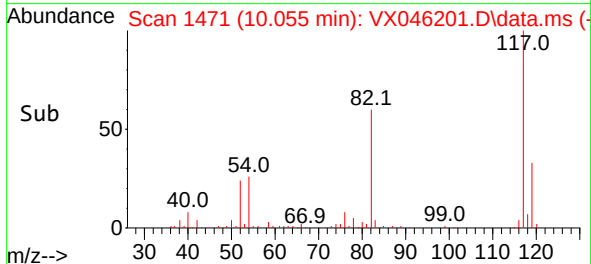
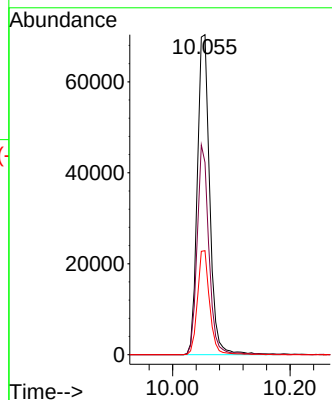
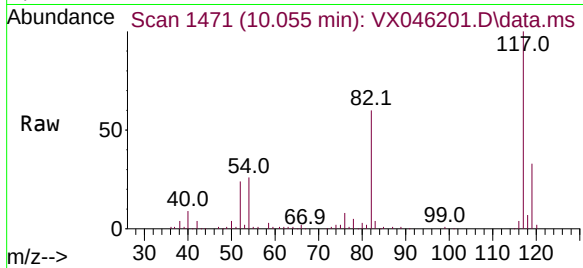




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX046201.D
Acq: 15 May 2025 10:15

Instrument :
MSVOA_X
ClientSampleId :
VX0515MBL01

Tgt Ion:117 Resp: 102679
Ion Ratio Lower Upper
117 100
82 60.0 50.6 76.0
119 32.5 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: VX046201.D
Acq: 15 May 2025 10:15

Tgt Ion:152 Resp: 41784
Ion Ratio Lower Upper
152 100
115 64.4 46.9 140.7
150 154.9 0.0 351.0

