

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051525\
 Data File : VX046215.D
 Acq On : 15 May 2025 15:44
 Operator : JC/MD
 Sample : Q2050-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-182-DUP-20250514

Quant Time: May 16 01:07:16 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)

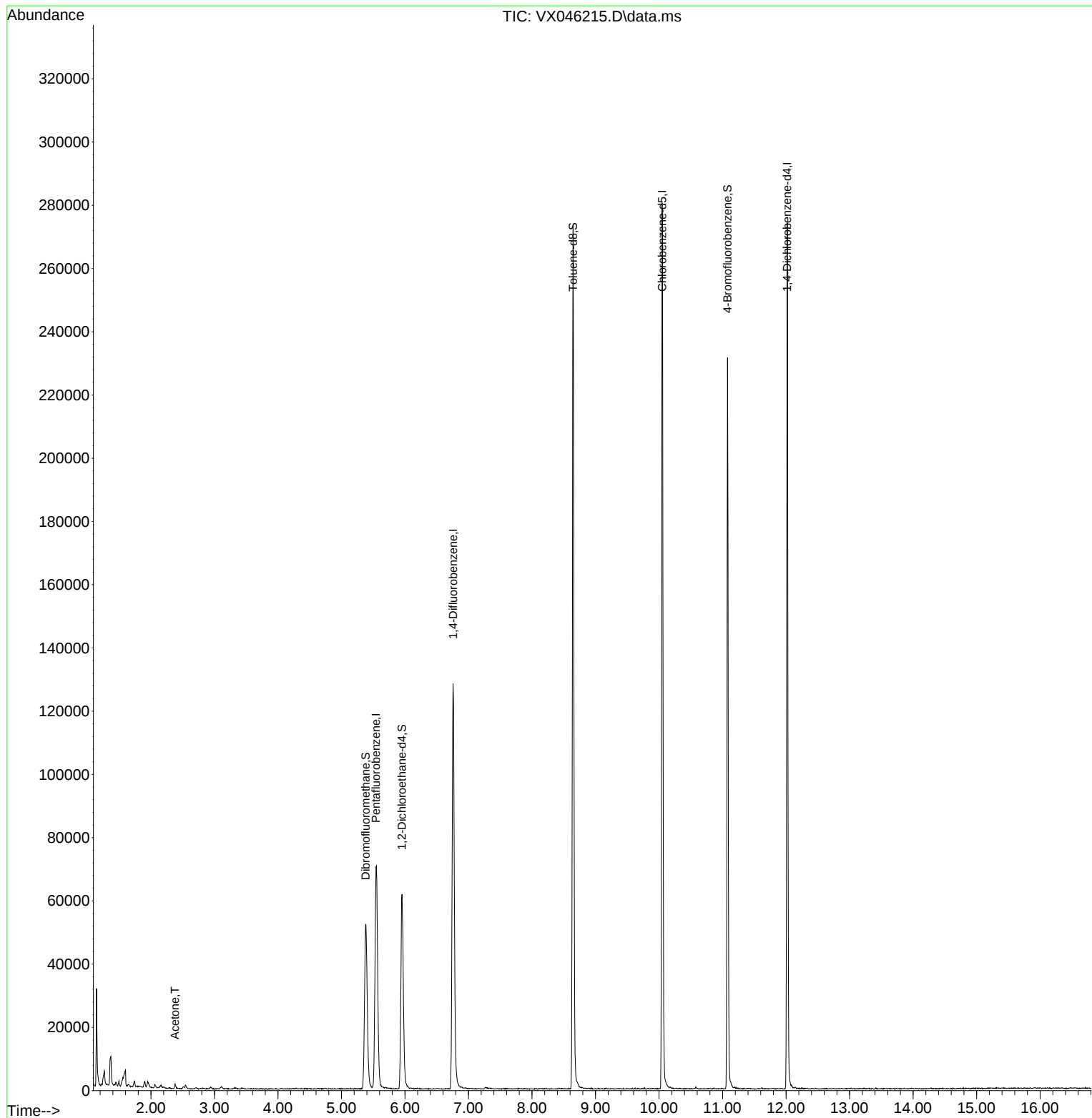
Internal Standards						
1) Pentafluorobenzene	5.544	168	61073	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	122275	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	116802	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	50006	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63331	55.622	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.240%
35) Dibromofluoromethane	5.379	113	45823	52.041	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.080%
50) Toluene-d8	8.647	98	154226	50.606	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.220%
62) 4-Bromofluorobenzene	11.079	95	60054	51.372	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	102.740%
Target Compounds						
16) Acetone	2.380	43	1288	2.821	ug/l	Qvalue 92

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

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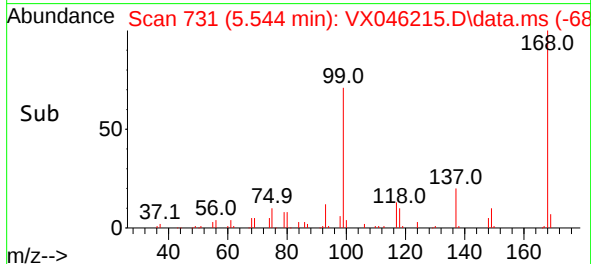
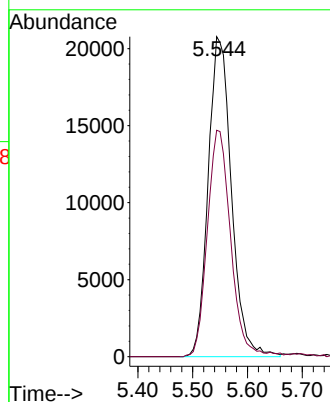
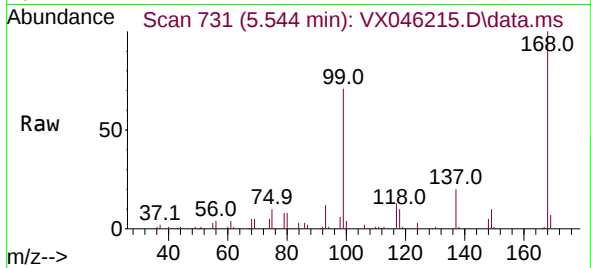




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046215.D
Acq: 15 May 2025 15:44

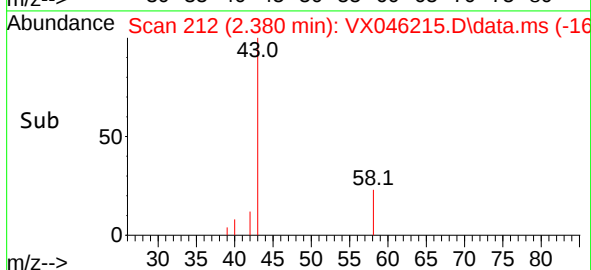
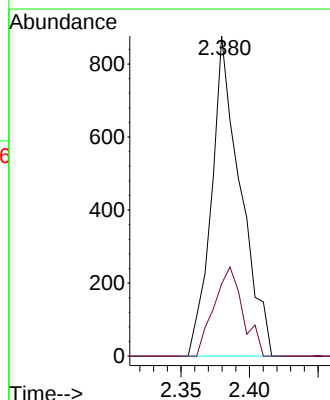
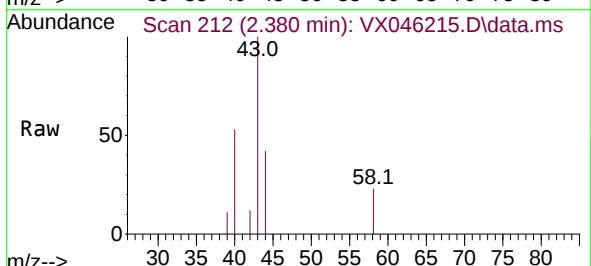
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-DUP-20250514

Tgt Ion:168 Resp: 61073
Ion Ratio Lower Upper
168 100
99 70.8 54.9 82.3



#16
Acetone
Concen: 2.821 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046215.D
Acq: 15 May 2025 15:44

Tgt Ion: 43 Resp: 1288
Ion Ratio Lower Upper
43 100
58 22.6 21.2 31.8





#33

1,2-Dichloroethane-d4

Concen: 55.622 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX046215.D

Acq: 15 May 2025 15:44

Instrument :

MSVOA_X

ClientSampleId :

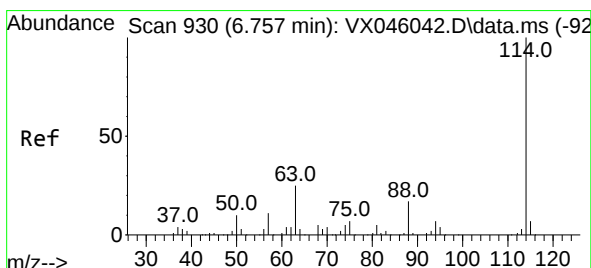
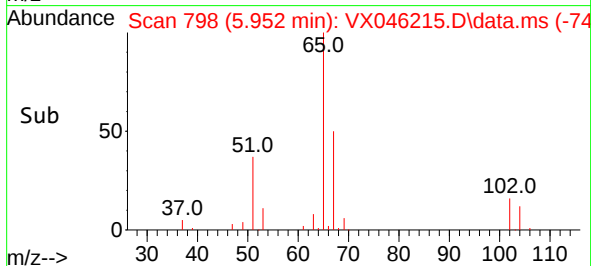
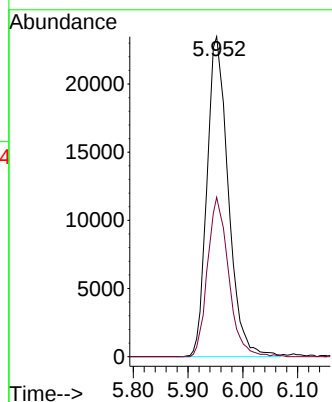
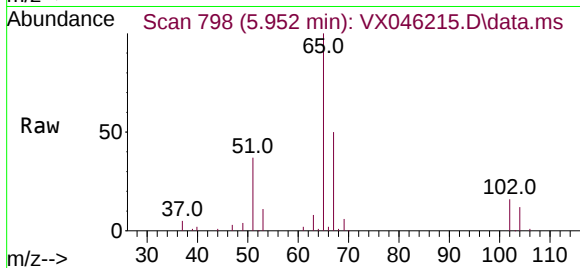
BP-VPB-182-DUP-20250514

Tgt Ion: 65 Resp: 63331

Ion Ratio Lower Upper

65 100

67 49.1 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX046215.D

Acq: 15 May 2025 15:44

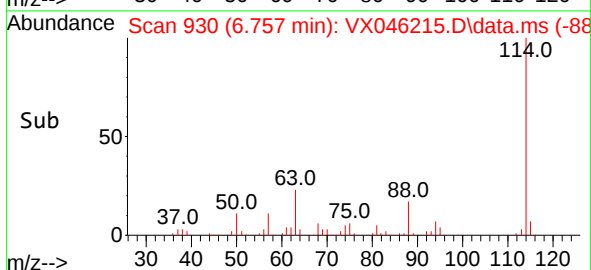
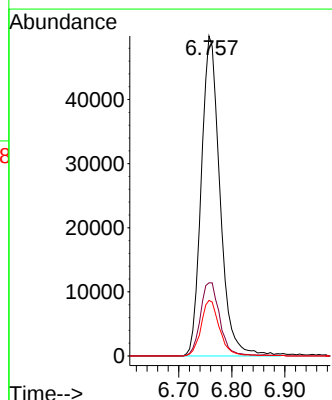
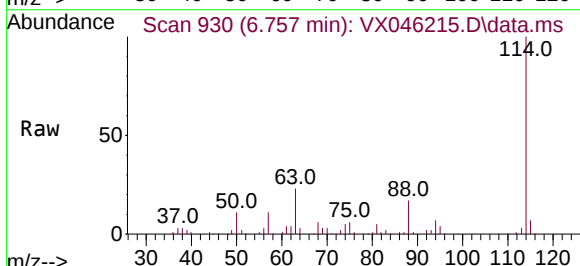
Tgt Ion: 114 Resp: 122275

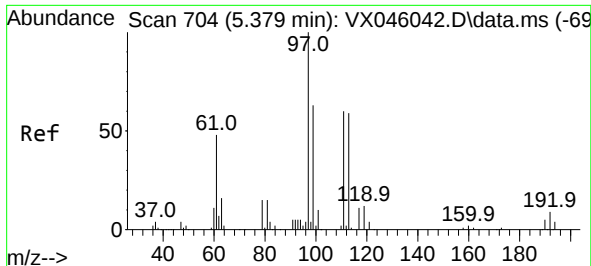
Ion Ratio Lower Upper

114 100

63 22.9 0.0 49.2

88 17.3 0.0 33.6

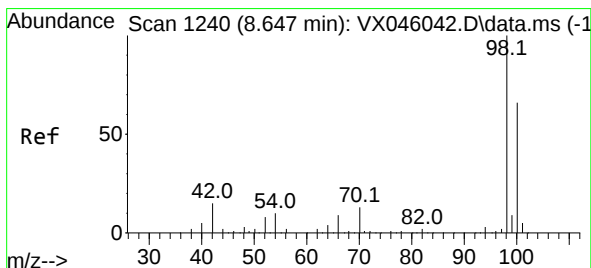
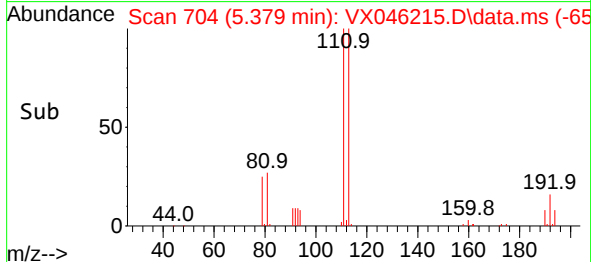
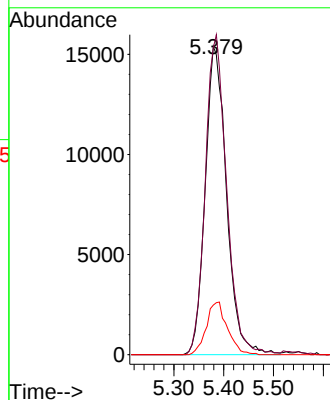
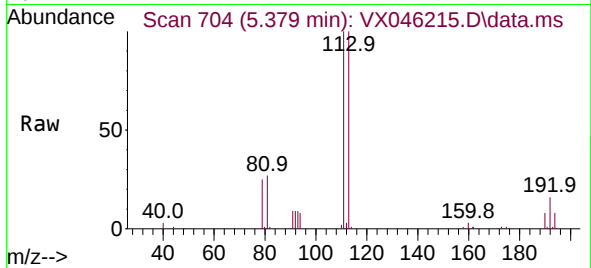




#35
Dibromofluoromethane
Concen: 52.041 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046215.D
Acq: 15 May 2025 15:44

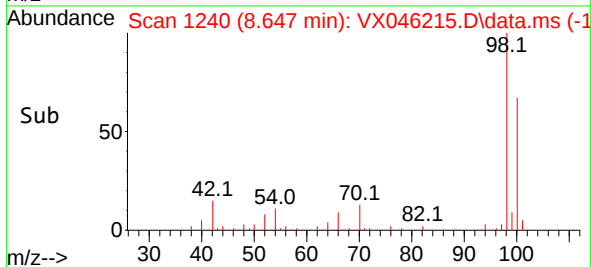
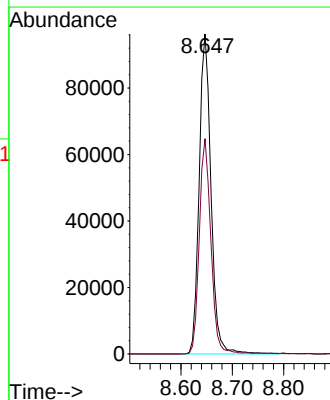
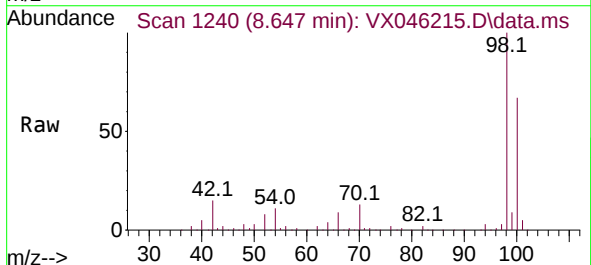
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-DUP-20250514

Tgt Ion:113 Resp: 45823
Ion Ratio Lower Upper
113 100
111 103.6 83.1 124.7
192 16.8 13.3 19.9



#50
Toluene-d8
Concen: 50.606 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX046215.D
Acq: 15 May 2025 15:44

Tgt Ion: 98 Resp: 154226
Ion Ratio Lower Upper
98 100
100 65.8 53.5 80.3

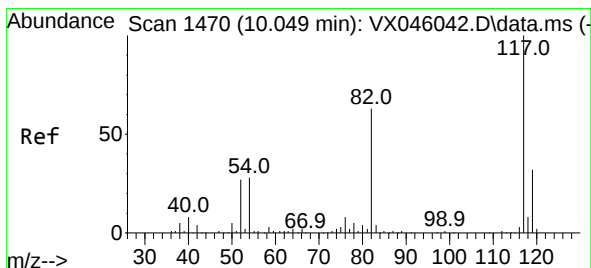
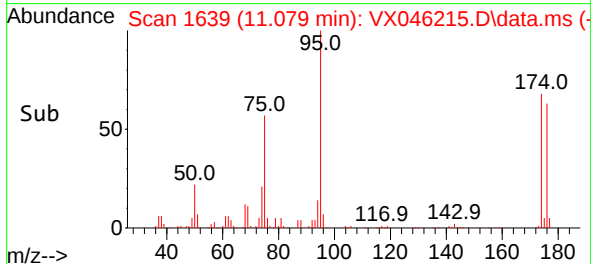
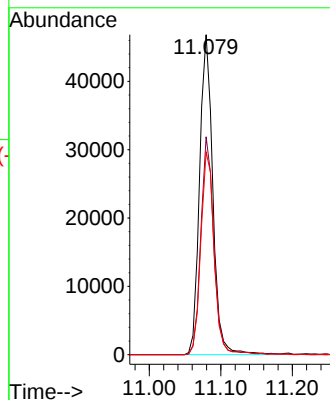
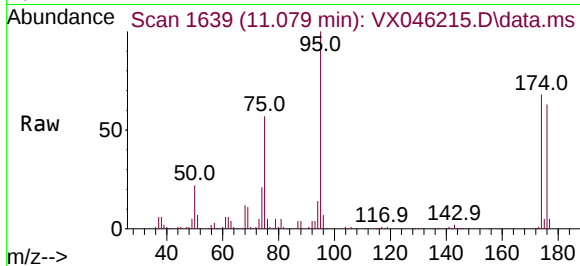




#62
4-Bromofluorobenzene
Concen: 51.372 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046215.D
Acq: 15 May 2025 15:44

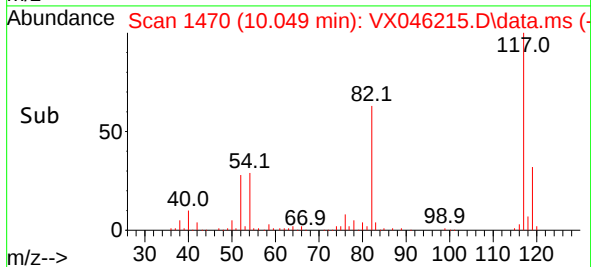
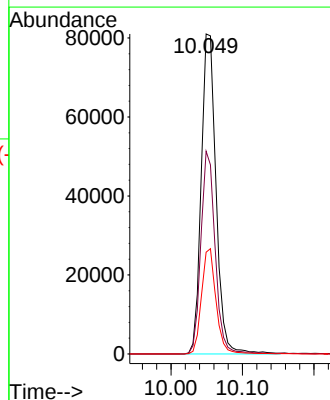
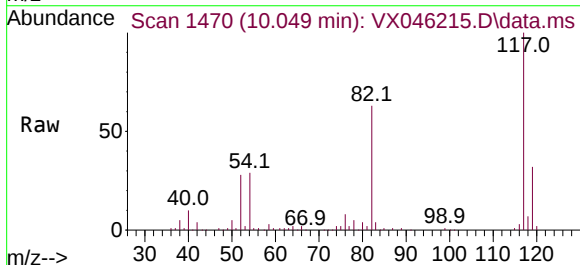
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-DUP-20250514

Tgt Ion: 95 Resp: 60054
Ion Ratio Lower Upper
95 100
174 66.7 0.0 135.8
176 63.9 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: VX046215.D
Acq: 15 May 2025 15:44

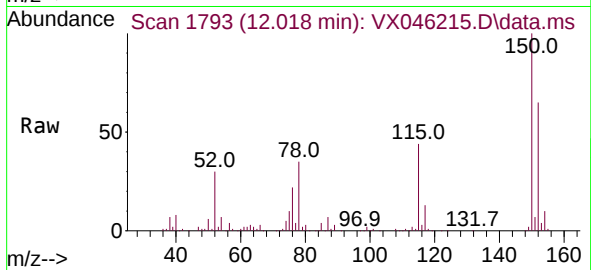
Tgt Ion: 117 Resp: 116802
Ion Ratio Lower Upper
117 100
82 63.3 50.6 76.0
119 31.8 25.8 38.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX046215.D
 Acq: 15 May 2025 15:44

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-182-DUP-20250514



Tgt Ion:152 Resp: 50006

Ion	Ratio	Lower	Upper
152	100		
115	66.8	46.9	140.7
150	156.5	0.0	351.0

