

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX063025\
 Data File : VX046833.D
 Acq On : 30 Jun 2025 11:09
 Operator : JC/MD
 Sample : Q2461-01 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SW-3

Quant Time: Jul 01 05:18:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 18 03:09:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	200980	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	336022	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	293140	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	142936	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	126656	45.561	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.120%
35) Dibromofluoromethane	5.397	113	108956	49.008	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.020%
50) Toluene-d8	8.647	98	385301	48.238	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.480%
62) 4-Bromofluorobenzene	11.079	95	143875	48.321	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	96.640%

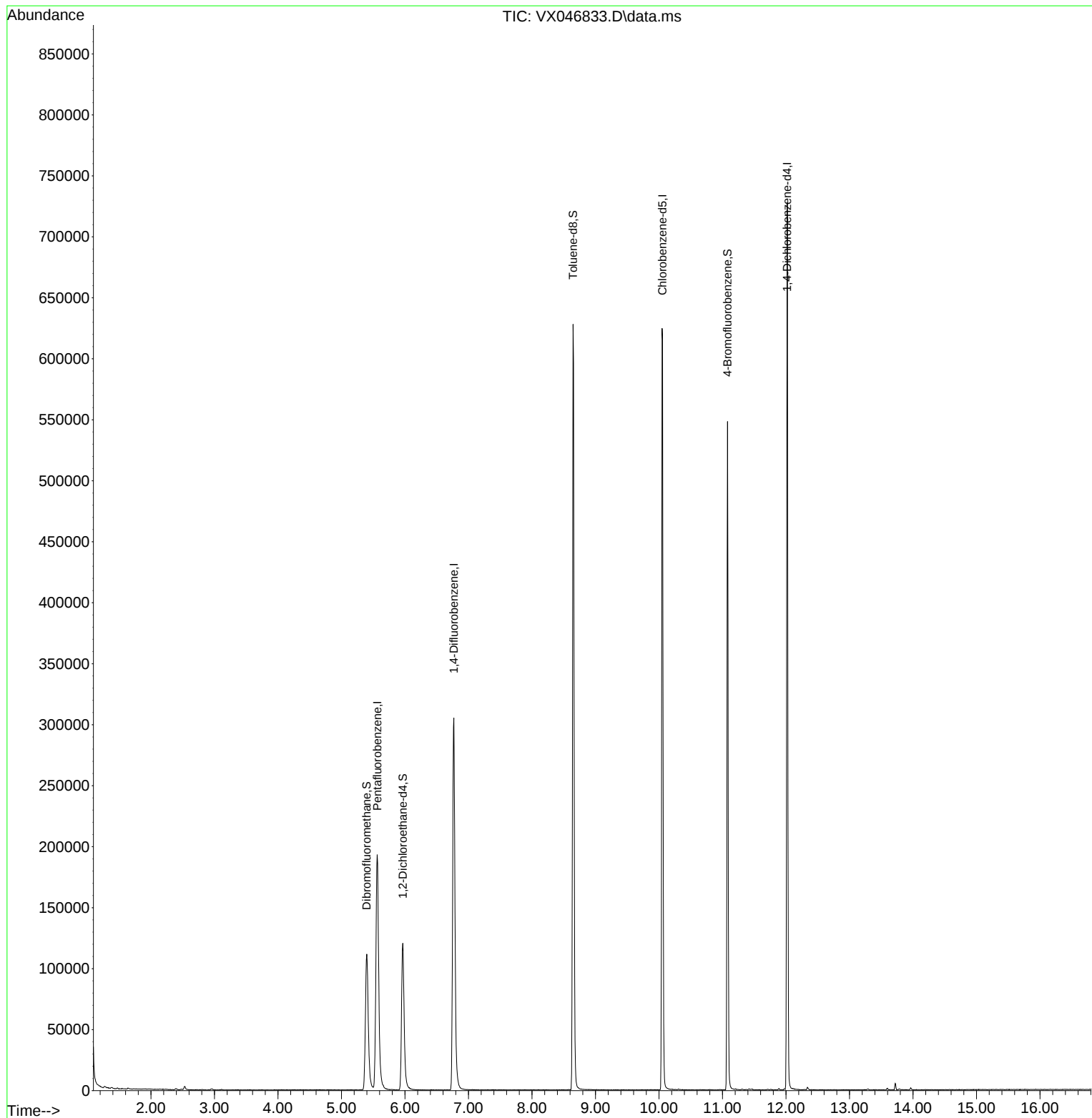
Target Compounds	Qvalue

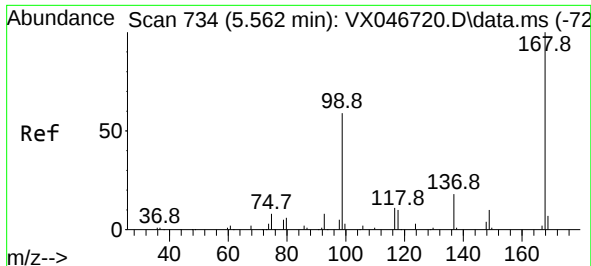
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX063025\
Data File : VX046833.D
Acq On : 30 Jun 2025 11:09
Operator : JC/MD
Sample : Q2461-01 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SW-3

Quant Time: Jul 01 05:18:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

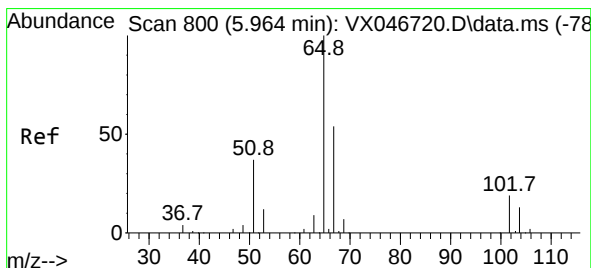
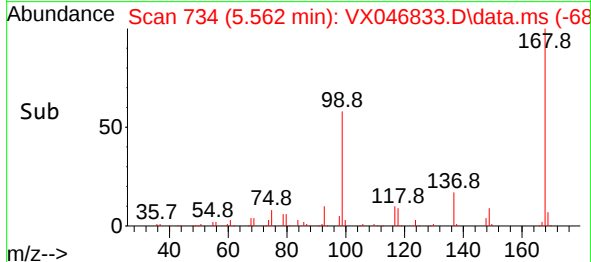
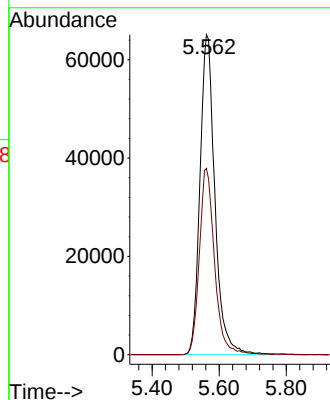
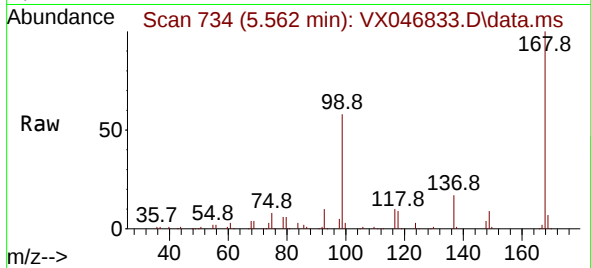




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX046833.D
Acq: 30 Jun 2025 11:09

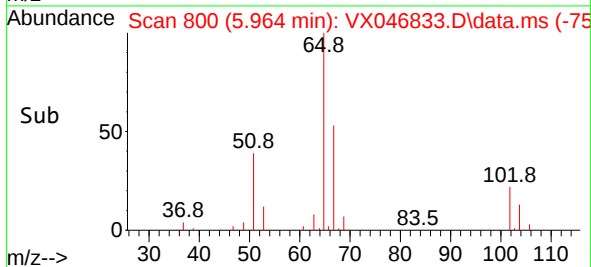
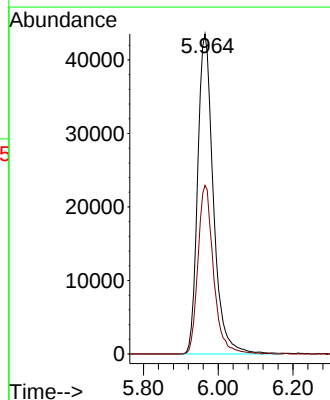
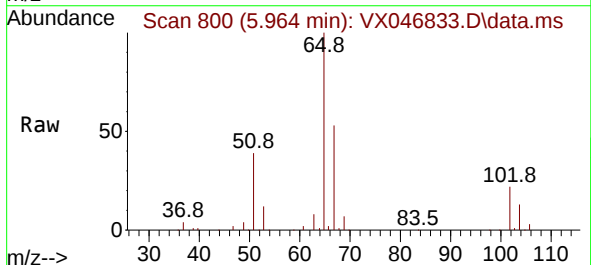
Instrument :
MSVOA_X
ClientSampleId :
SW-3

Tgt Ion:168 Resp: 200980
Ion Ratio Lower Upper
168 100
99 58.2 48.5 72.7



#33
1,2-Dichloroethane-d4
Concen: 45.561 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX046833.D
Acq: 30 Jun 2025 11:09

Tgt Ion: 65 Resp: 126656
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.4

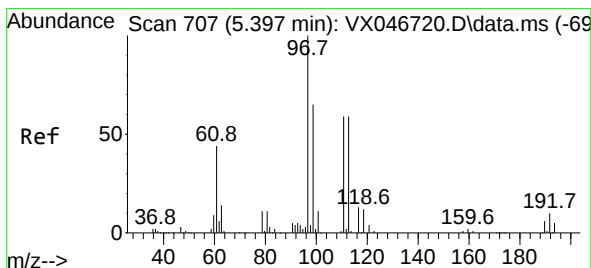
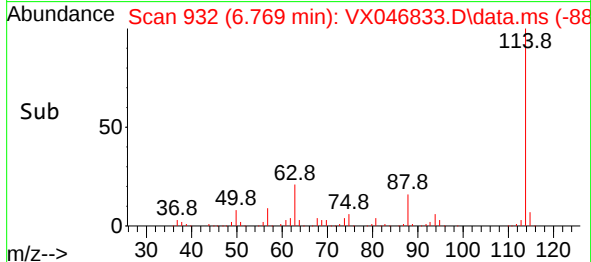
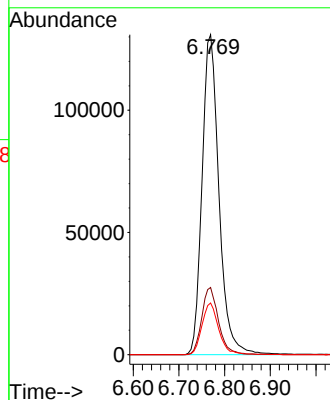
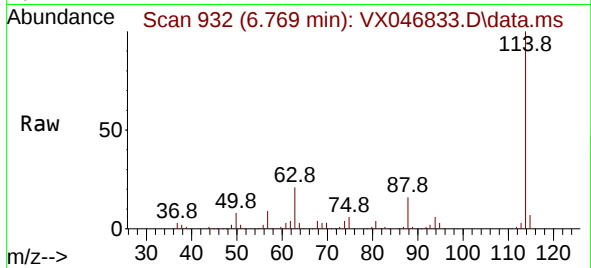




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX046833.D
Acq: 30 Jun 2025 11:09

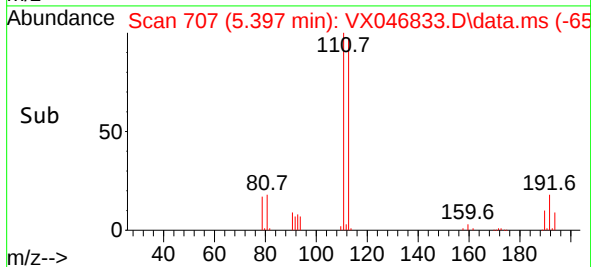
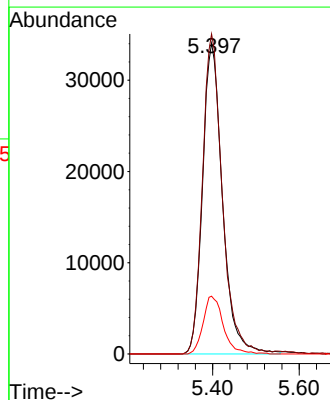
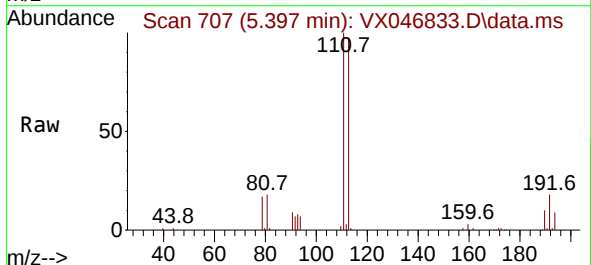
Instrument :
MSVOA_X
ClientSampleId :
SW-3

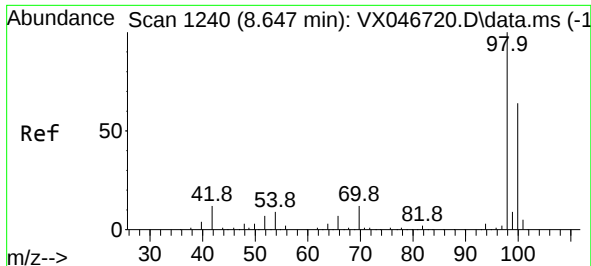
Tgt Ion:114 Resp: 336022
Ion Ratio Lower Upper
114 100
63 21.0 0.0 44.2
88 16.2 0.0 33.2



#35
Dibromofluoromethane
Concen: 49.008 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX046833.D
Acq: 30 Jun 2025 11:09

Tgt Ion:113 Resp: 108956
Ion Ratio Lower Upper
113 100
111 102.2 82.0 123.0
192 18.7 15.3 22.9

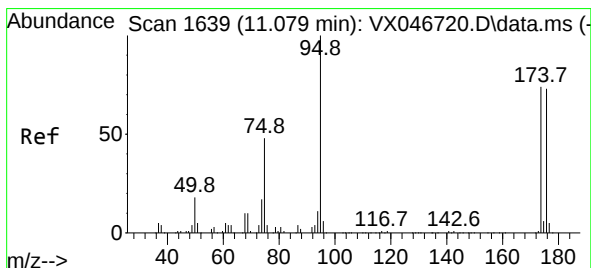
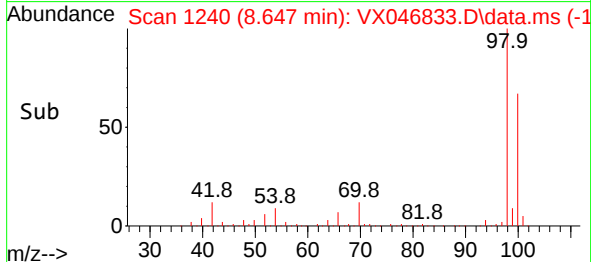
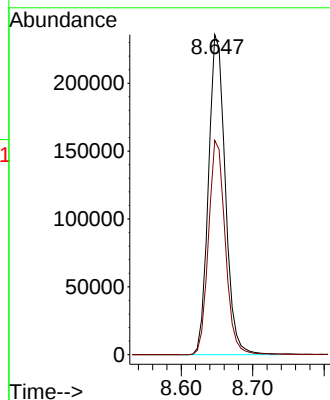
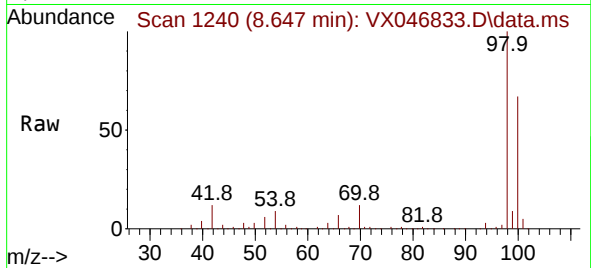




#50
Toluene-d8
Concen: 48.238 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046833.D
Acq: 30 Jun 2025 11:09

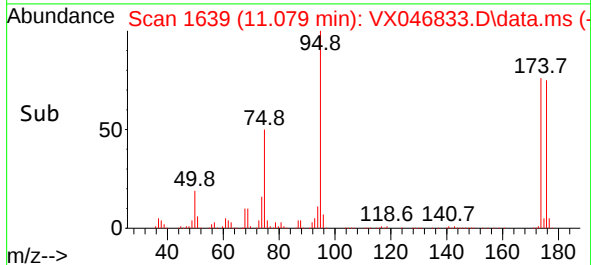
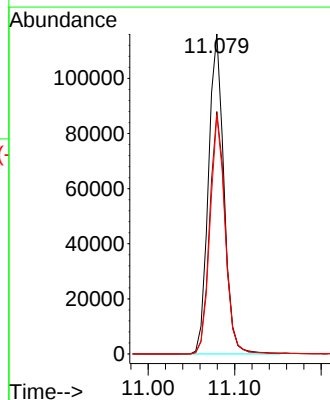
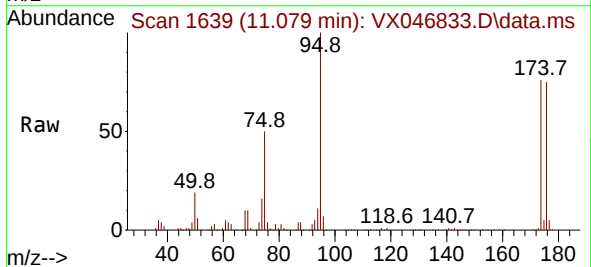
Instrument :
MSVOA_X
ClientSampleId :
SW-3

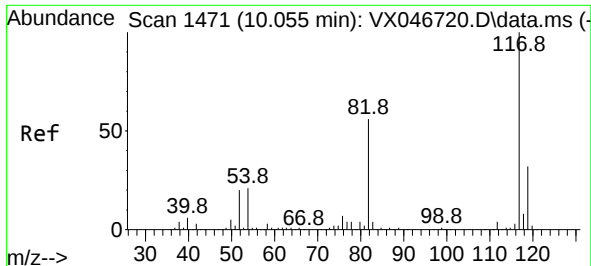
Tgt Ion: 98 Resp: 385301
Ion Ratio Lower Upper
98 100
100 66.8 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 48.321 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046833.D
Acq: 30 Jun 2025 11:09

Tgt Ion: 95 Resp: 143875
Ion Ratio Lower Upper
95 100
174 76.4 0.0 150.4
176 72.9 0.0 145.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX046833.D

Acq: 30 Jun 2025 11:09

Instrument :

MSVOA_X

ClientSampleId :

SW-3

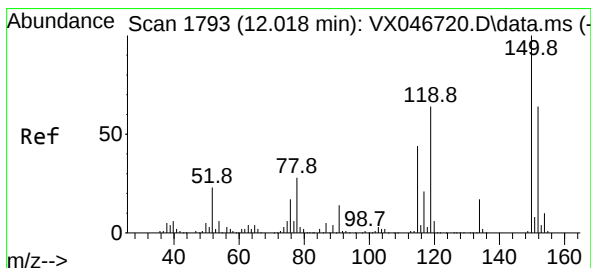
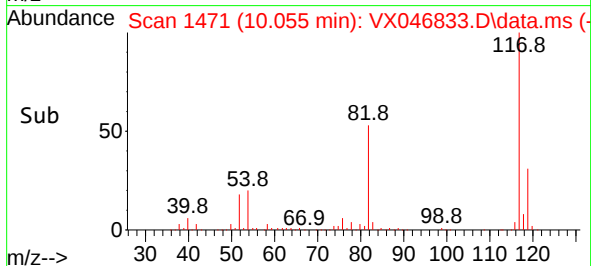
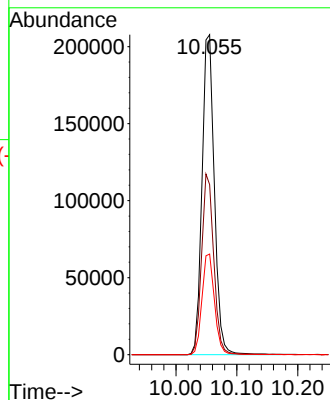
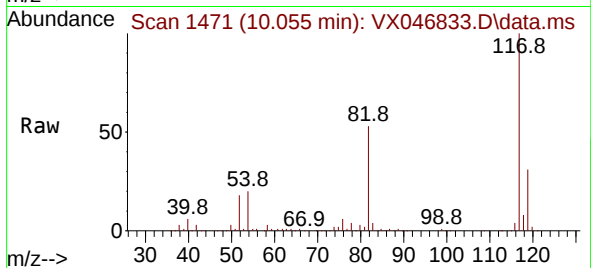
Tgt Ion:117 Resp: 293140

Ion Ratio Lower Upper

117 100

82 53.1 44.6 66.8

119 31.4 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: VX046833.D

Acq: 30 Jun 2025 11:09

Tgt Ion:152 Resp: 142936

Ion Ratio Lower Upper

152 100

115 61.1 43.2 129.6

150 159.3 0.0 346.8

