

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091825\
 Data File : VX047647.D
 Acq On : 18 Sep 2025 17:27
 Operator : JC/MD
 Sample : Q3095-34
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB02-20250911

Quant Time: Sep 19 01:34:26 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

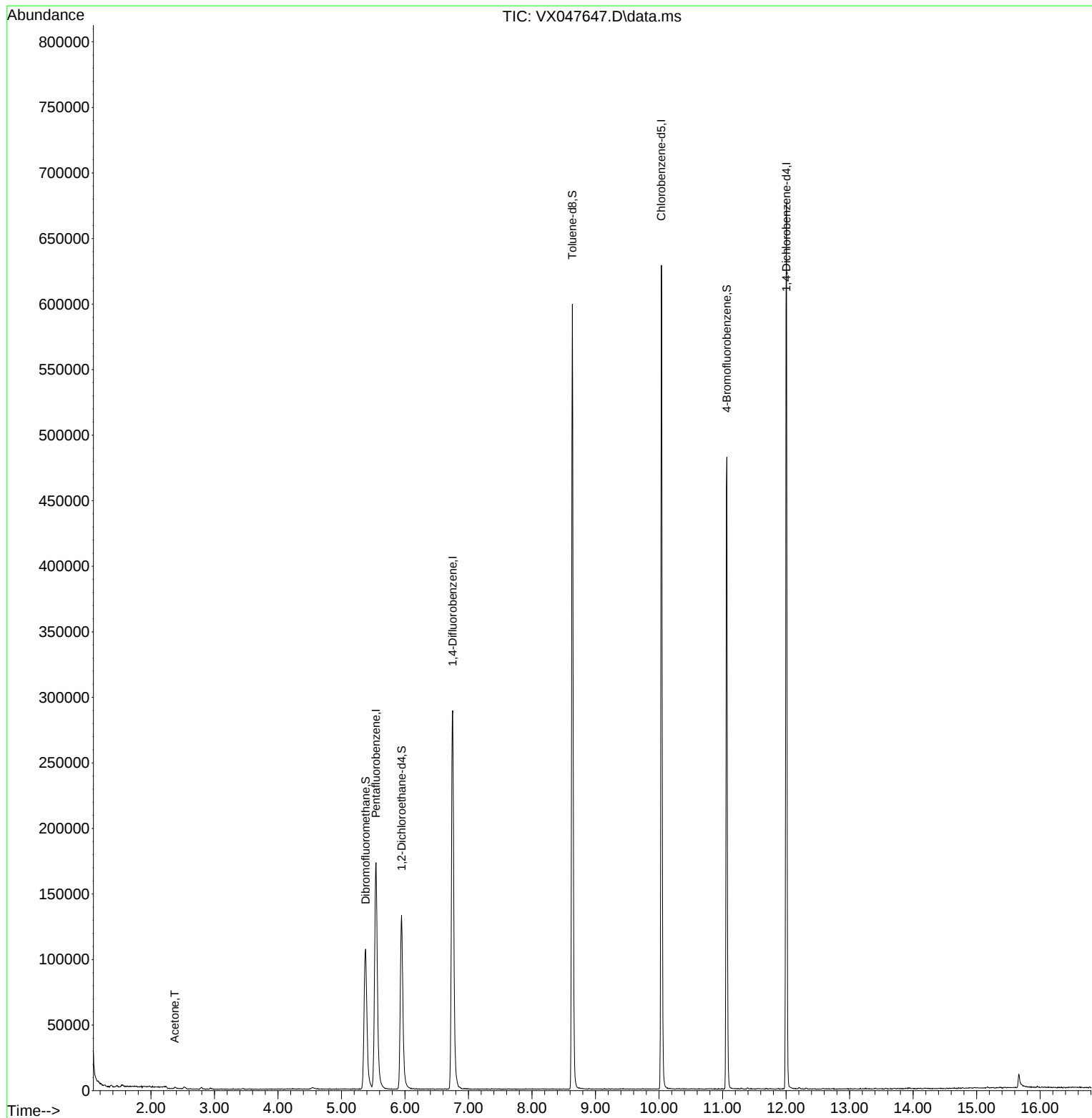
Internal Standards						
1) Pentafluorobenzene	5.543	168	172433	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.750	114	318063	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.036	117	288916	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	139535	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	141006	51.374	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.740%
35) Dibromofluoromethane	5.379	113	105606	49.508	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.020%
50) Toluene-d8	8.634	98	364069	49.325	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.660%
62) 4-Bromofluorobenzene	11.067	95	139439	49.778	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.560%
Target Compounds						
16) Acetone	2.373	43	1715	1.437	ug/l	Qvalue 93

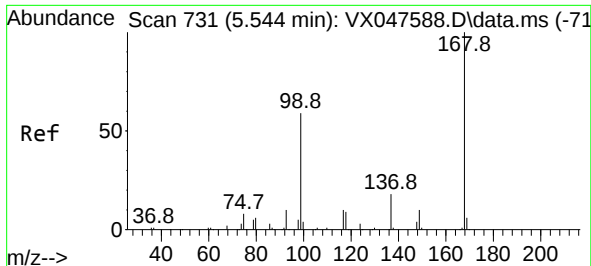
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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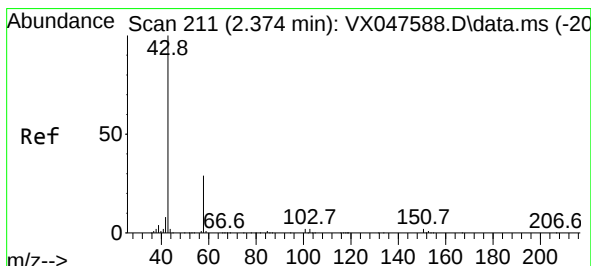
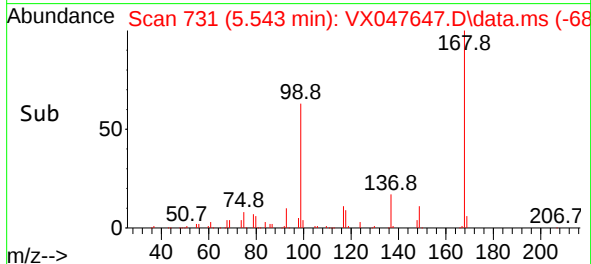
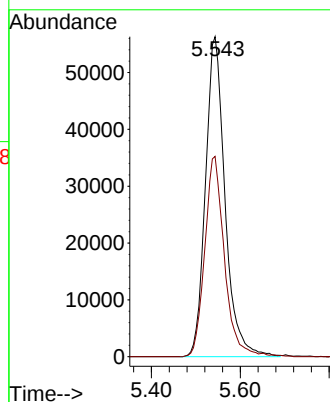
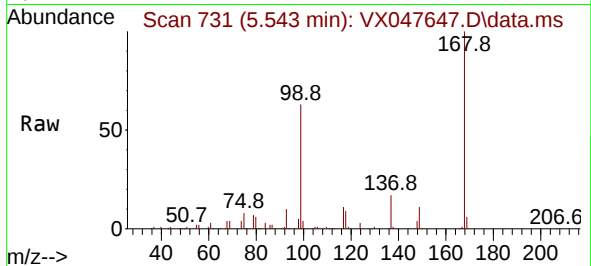




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX047647.D
Acq: 18 Sep 2025 17:27

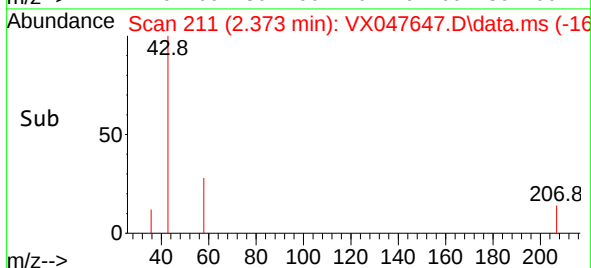
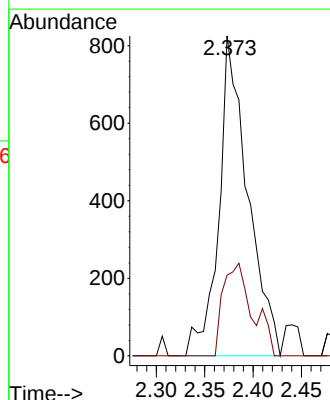
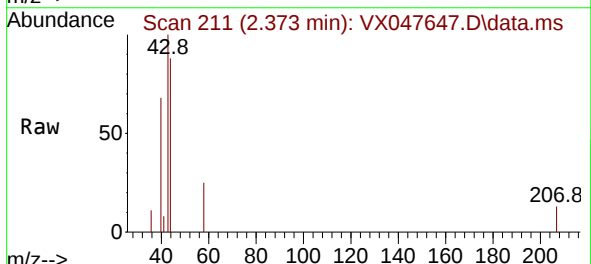
Instrument :
MSVOA_X
ClientSampleId :
TB02-20250911

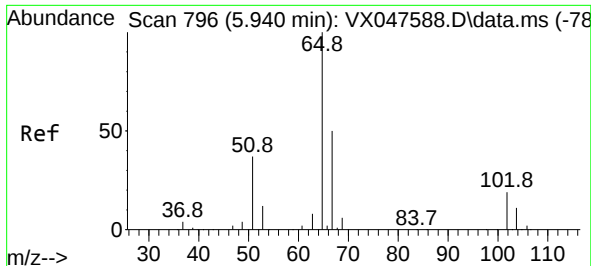
Tgt Ion:168 Resp: 172433
Ion Ratio Lower Upper
168 100
99 62.6 48.8 73.2



#16
Acetone
Concen: 1.437 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047647.D
Acq: 18 Sep 2025 17:27

Tgt Ion: 43 Resp: 1715
Ion Ratio Lower Upper
43 100
58 25.2 23.4 35.0





#33

1,2-Dichloroethane-d4

Concen: 51.374 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX047647.D

Acq: 18 Sep 2025 17:27

Instrument :

MSVOA_X

ClientSampleId :

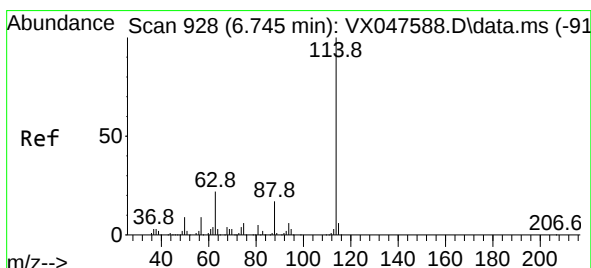
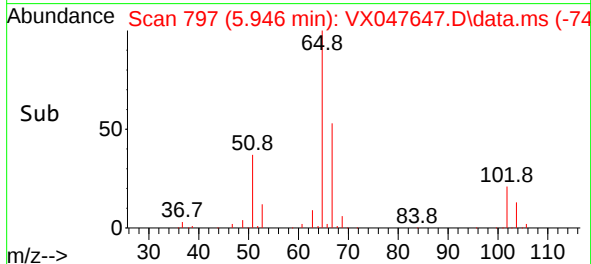
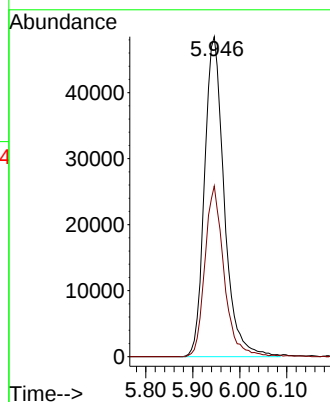
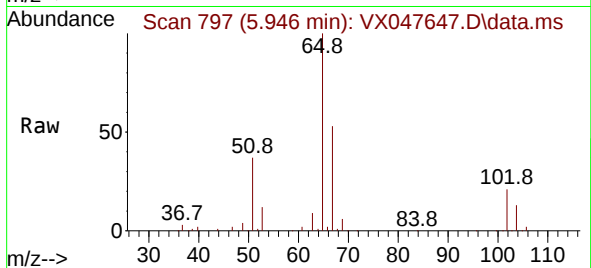
TB02-20250911

Tgt Ion: 65 Resp: 141006

Ion Ratio Lower Upper

65 100

67 51.6 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.750 min Scan# 929

Delta R.T. 0.006 min

Lab File: VX047647.D

Acq: 18 Sep 2025 17:27

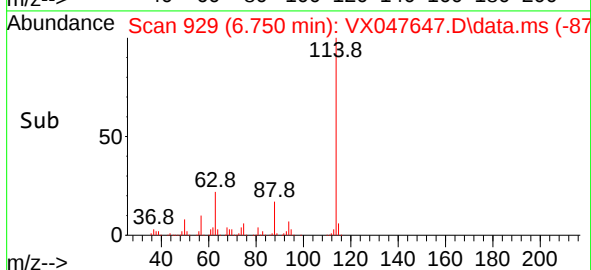
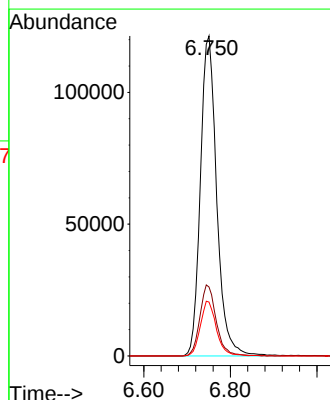
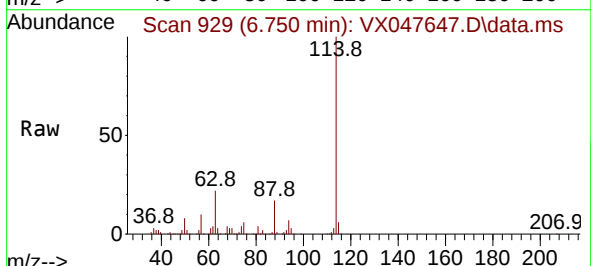
Tgt Ion: 114 Resp: 318063

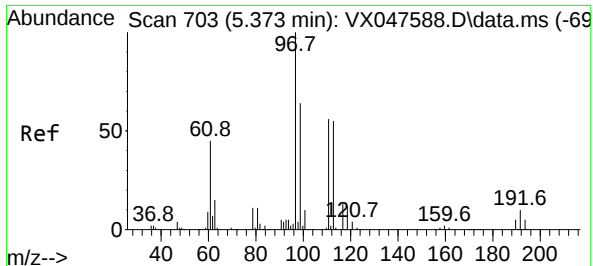
Ion Ratio Lower Upper

114 100

63 21.5 0.0 44.0

88 16.9 0.0 34.2

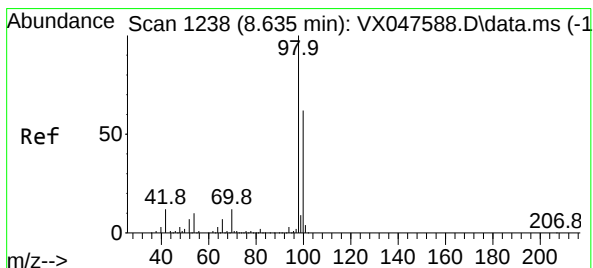
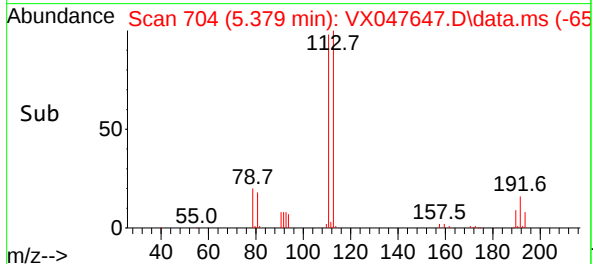
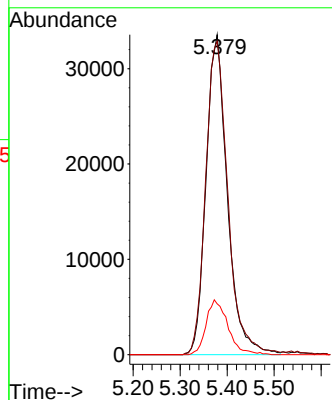
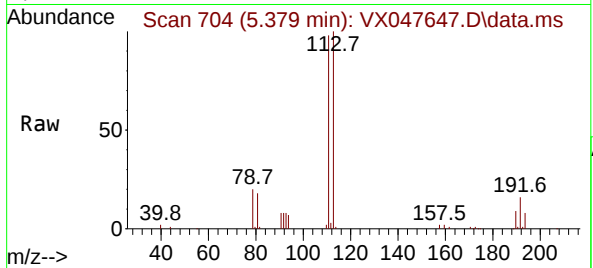




#35
Dibromofluoromethane
Concen: 49.508 ug/l
RT: 5.379 min Scan# 703
Delta R.T. 0.006 min
Lab File: VX047647.D
Acq: 18 Sep 2025 17:27

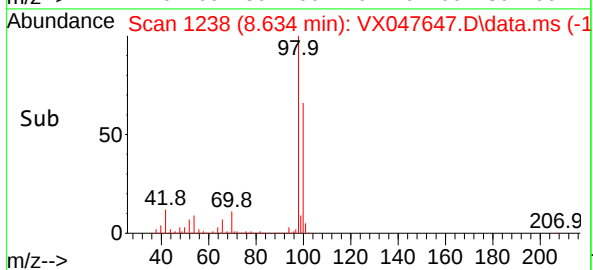
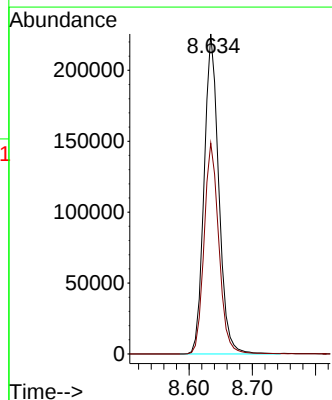
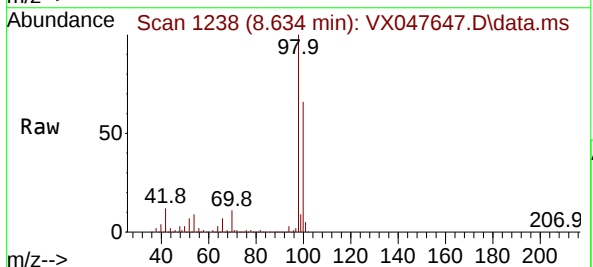
Instrument :
MSVOA_X
ClientSampleId :
TB02-20250911

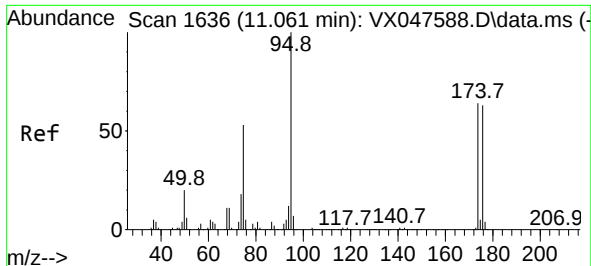
Tgt Ion:113 Resp: 105606
Ion Ratio Lower Upper
113 100
111 102.2 80.9 121.3
192 17.6 14.2 21.4



#50
Toluene-d8
Concen: 49.325 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047647.D
Acq: 18 Sep 2025 17:27

Tgt Ion: 98 Resp: 364069
Ion Ratio Lower Upper
98 100
100 66.3 53.0 79.4

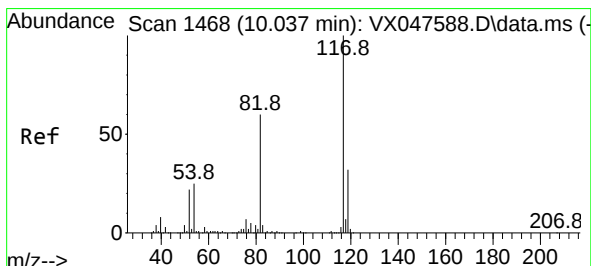
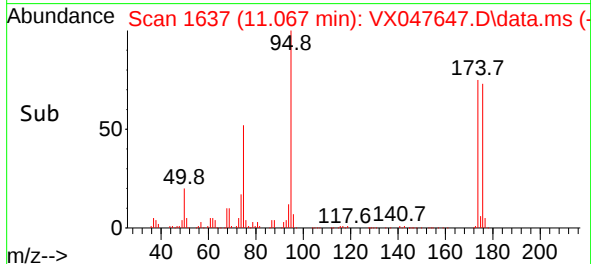
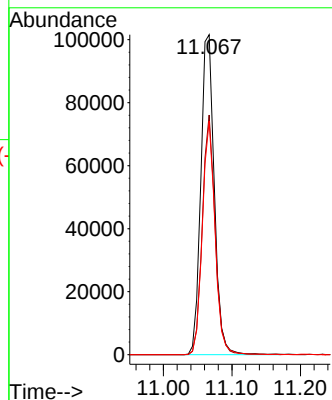
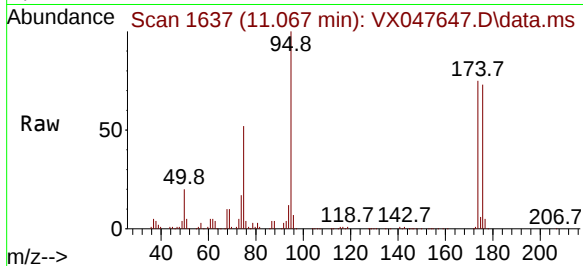




#62
4-Bromofluorobenzene
Concen: 49.778 ug/l
RT: 11.067 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047647.D
Acq: 18 Sep 2025 17:27

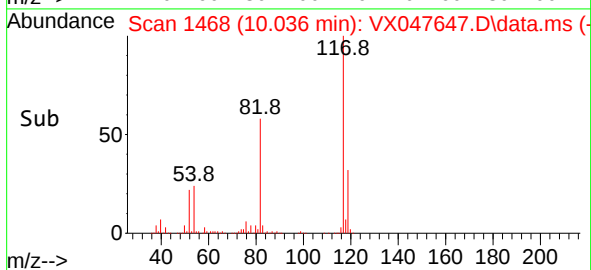
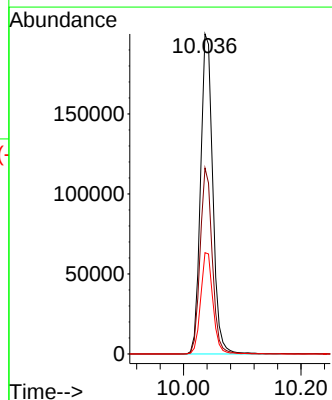
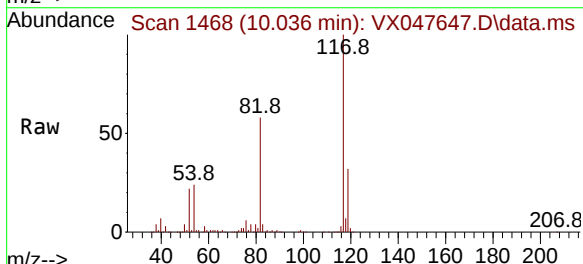
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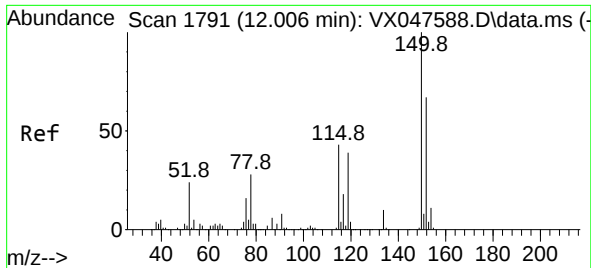
Tgt Ion: 95 Resp: 139439
Ion Ratio Lower Upper
95 100
174 70.9 0.0 141.6
176 68.8 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.036 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047647.D
Acq: 18 Sep 2025 17:27

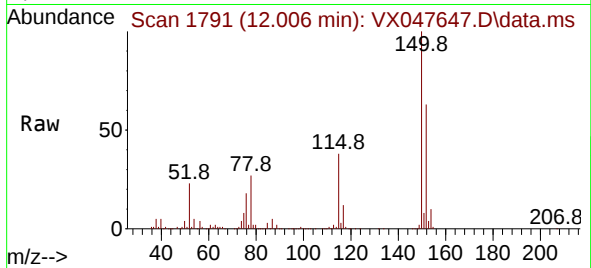
Tgt Ion: 117 Resp: 288916
Ion Ratio Lower Upper
117 100
82 58.1 47.8 71.6
119 31.7 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX047647.D
 Acq: 18 Sep 2025 17:27

Instrument :
 MSVOA_X
 ClientSampleId :
 TB02-20250911



Tgt Ion:152 Resp: 139535
 Ion Ratio Lower Upper
 152 100
 115 62.7 44.9 134.5
 150 156.7 0.0 352.0

