

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091925\
 Data File : VX047666.D
 Acq On : 19 Sep 2025 11:47
 Operator : JC/MD
 Sample : Q3095-25DL 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP02-20250910DL

Quant Time: Sep 20 00:29:26 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)

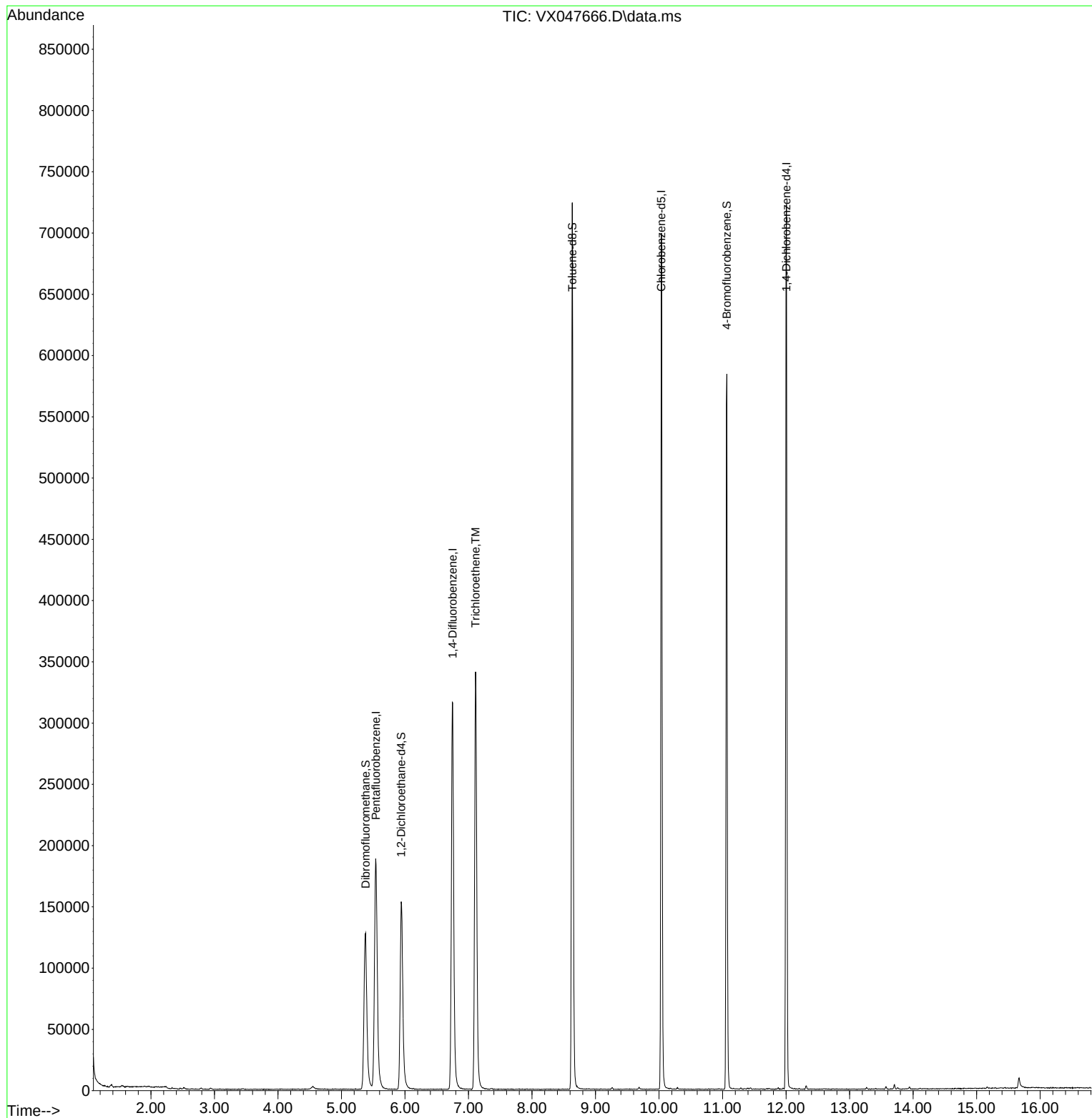
Internal Standards						
1) Pentafluorobenzene	5.544	168	189981	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	344496	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	309572	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	151017	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	164845	54.512	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.020%	
35) Dibromofluoromethane	5.379	113	124924	54.071	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.140%	
50) Toluene-d8	8.634	98	434109	54.302	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 108.600%	
62) 4-Bromofluorobenzene	11.067	95	167474	55.199	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 110.400%	
Target Compounds						Qvalue
44) Trichloroethene	7.110	130	144090	58.124	ug/l	94

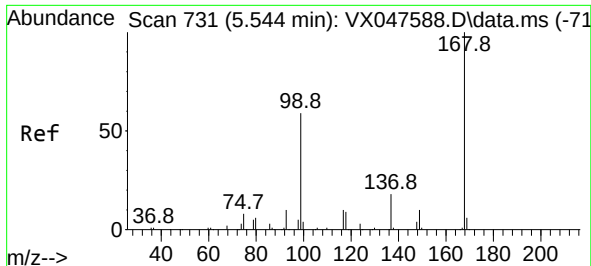
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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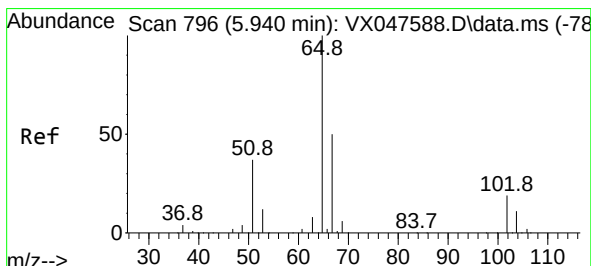
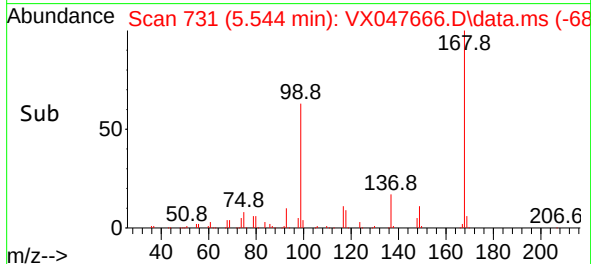
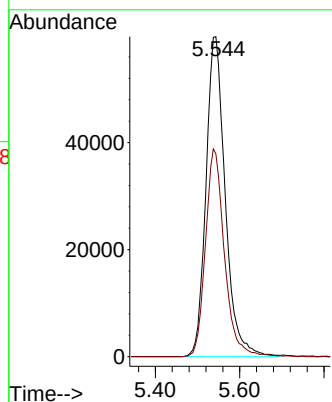
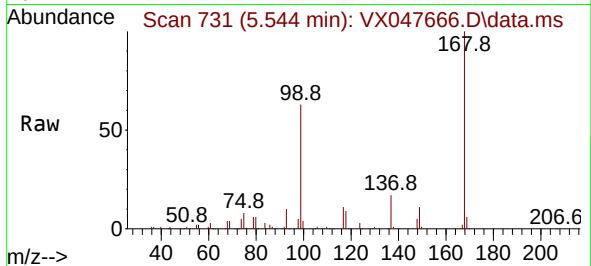




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX047666.D
Acq: 19 Sep 2025 11:47

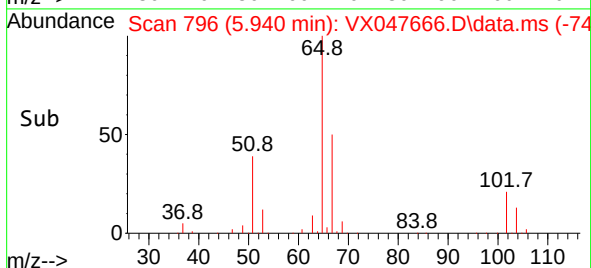
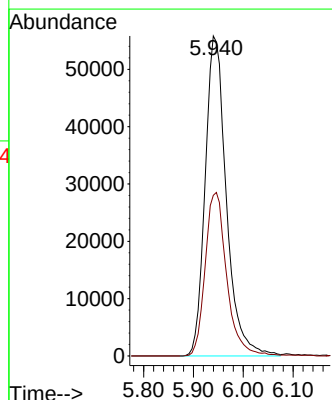
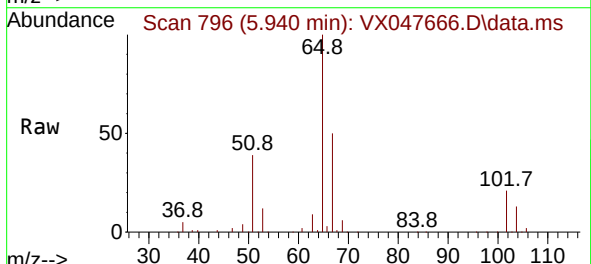
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20250910DL

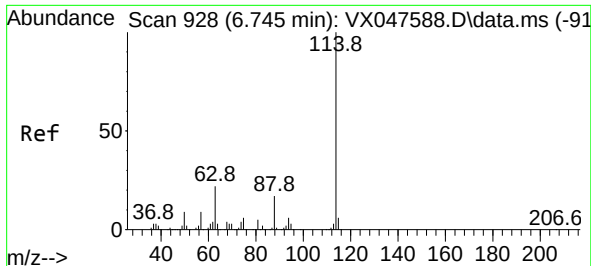
Tgt Ion:168 Resp: 189981
Ion Ratio Lower Upper
168 100
99 63.4 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 54.512 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX047666.D
Acq: 19 Sep 2025 11:47

Tgt Ion: 65 Resp: 164845
Ion Ratio Lower Upper
65 100
67 51.8 0.0 103.0

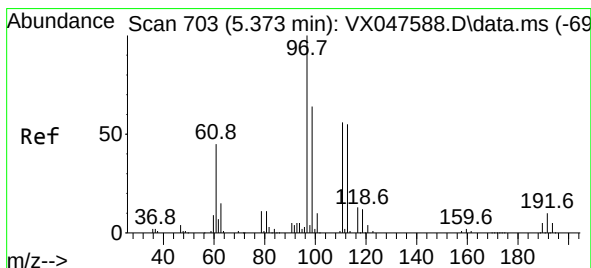
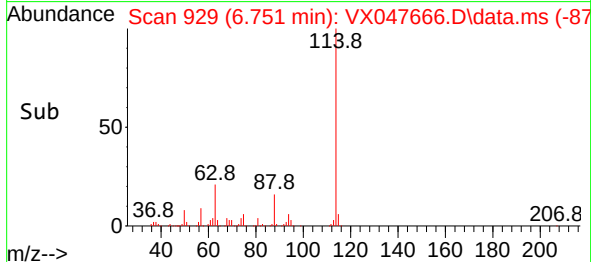
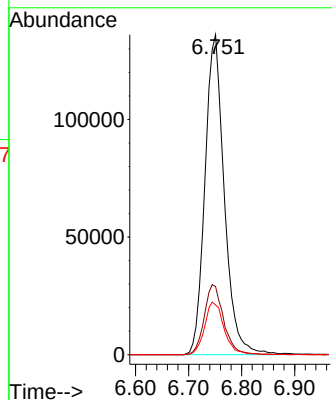
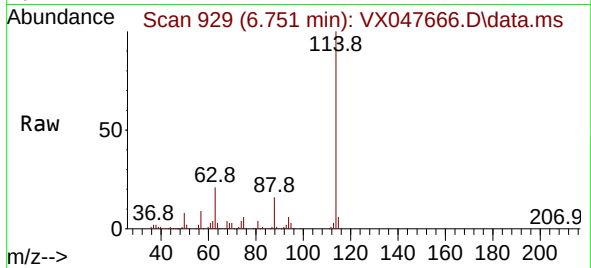




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047666.D
Acq: 19 Sep 2025 11:47

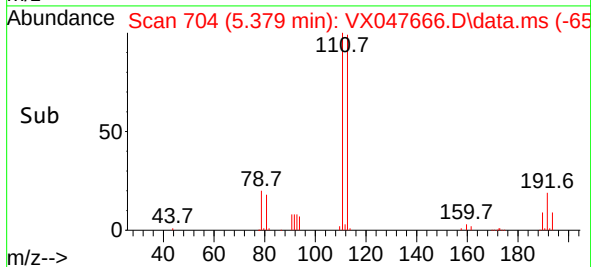
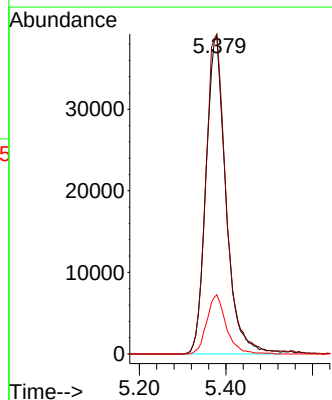
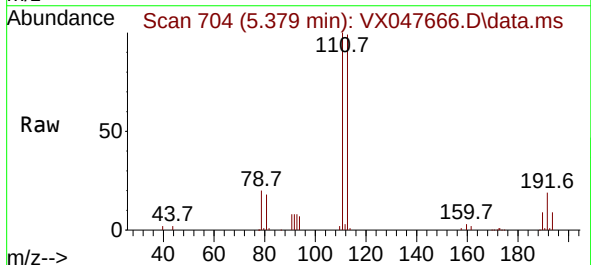
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20250910DL

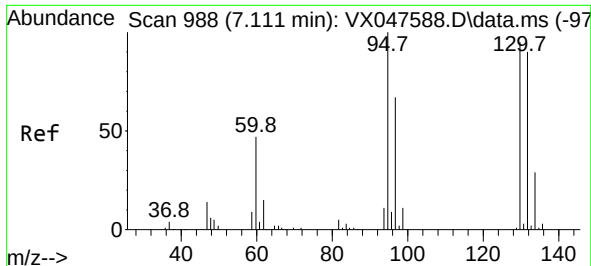
Tgt Ion:114 Resp: 344496
Ion Ratio Lower Upper
114 100
63 21.3 0.0 44.0
88 15.5 0.0 34.2



#35
Dibromofluoromethane
Concen: 54.071 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX047666.D
Acq: 19 Sep 2025 11:47

Tgt Ion:113 Resp: 124924
Ion Ratio Lower Upper
113 100
111 102.3 80.9 121.3
192 18.1 14.2 21.4

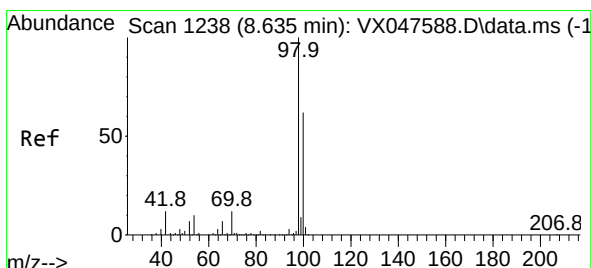
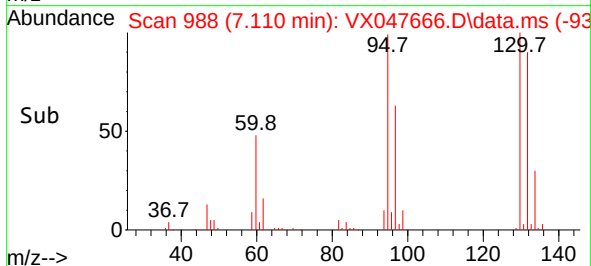
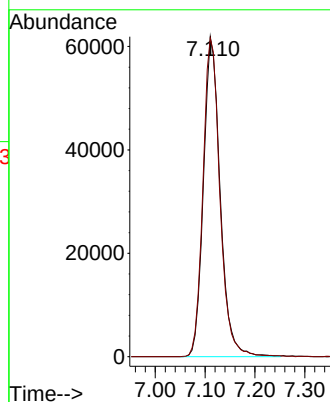
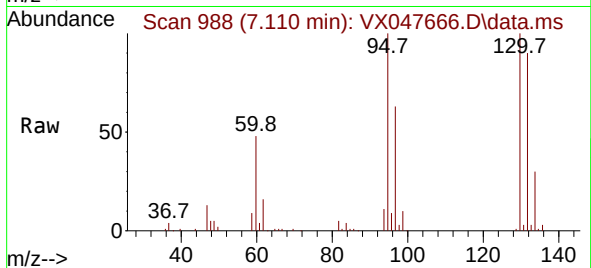




#44
Trichloroethene
Concen: 58.124 ug/l
RT: 7.110 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX047666.D
Acq: 19 Sep 2025 11:47

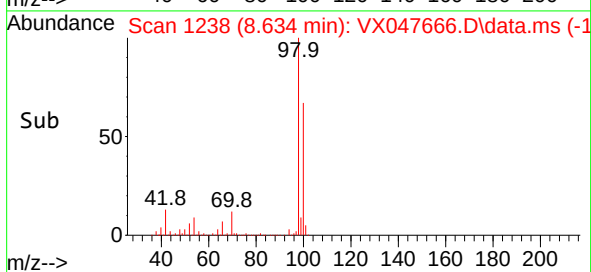
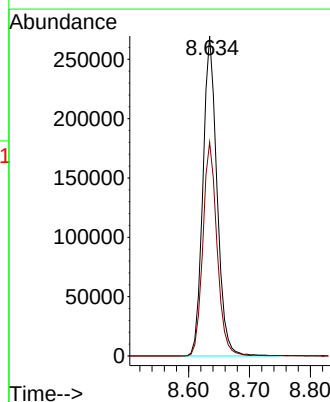
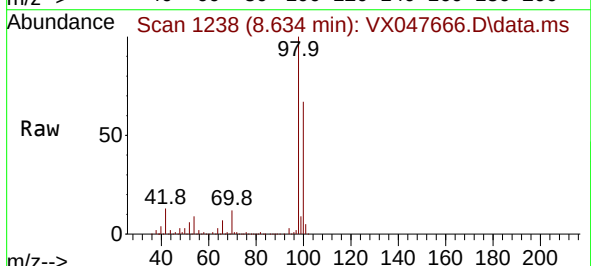
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20250910DL

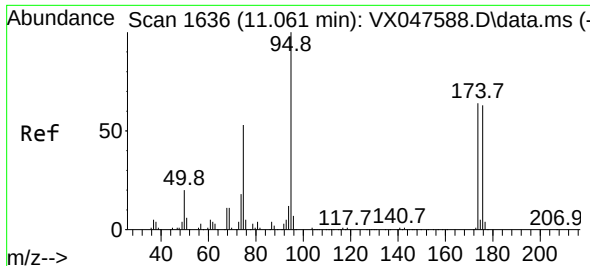
Tgt Ion:130 Resp: 144090
Ion Ratio Lower Upper
130 100
95 99.5 0.0 210.8



#50
Toluene-d8
Concen: 54.302 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047666.D
Acq: 19 Sep 2025 11:47

Tgt Ion: 98 Resp: 434109
Ion Ratio Lower Upper
98 100
100 66.9 53.0 79.4

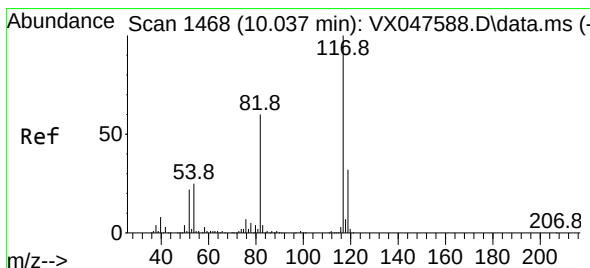
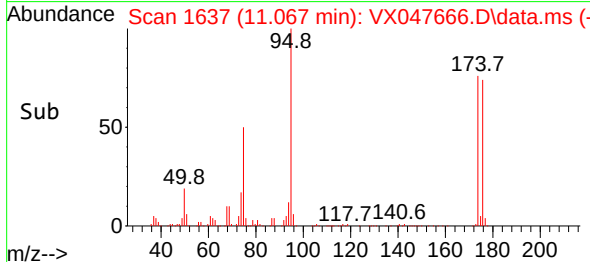
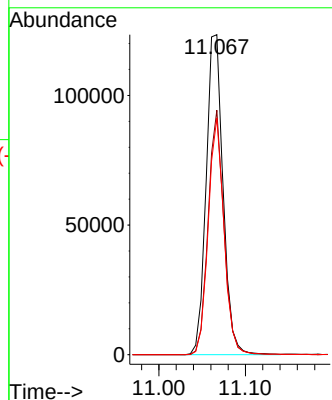
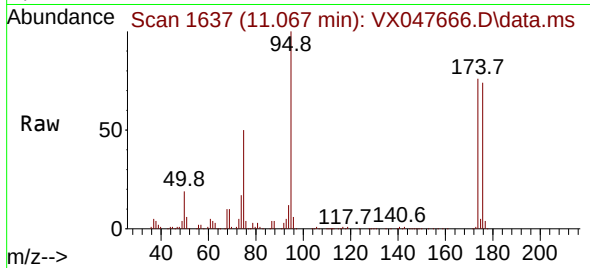




#62
4-Bromofluorobenzene
Concen: 55.199 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX047666.D
Acq: 19 Sep 2025 11:47

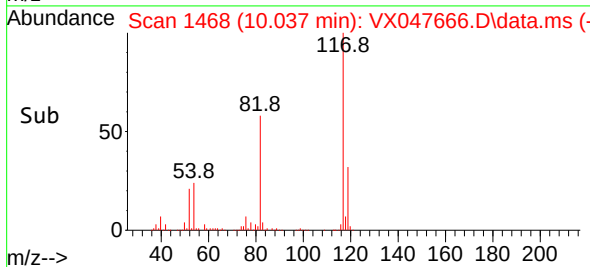
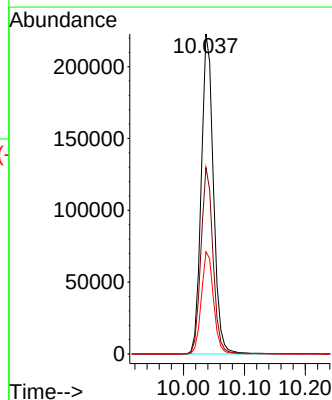
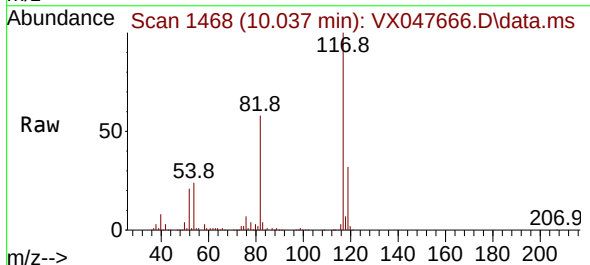
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20250910DL

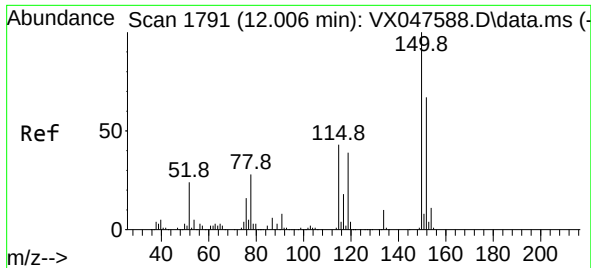
Tgt Ion: 95 Resp: 167474
Ion Ratio Lower Upper
95 100
174 71.3 0.0 141.6
176 69.1 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047666.D
Acq: 19 Sep 2025 11:47

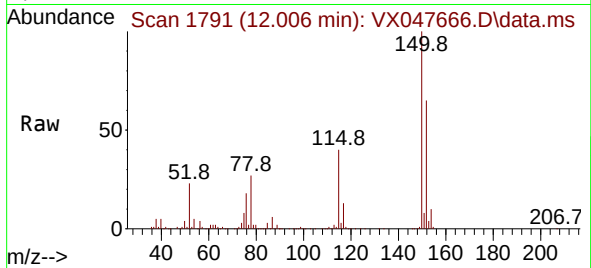
Tgt Ion: 117 Resp: 309572
Ion Ratio Lower Upper
117 100
82 58.3 47.8 71.6
119 31.9 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX047666.D
 Acq: 19 Sep 2025 11:47

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP02-20250910DL



Tgt Ion:152 Resp: 151017
 Ion Ratio Lower Upper
 152 100
 115 63.1 44.9 134.5
 150 157.1 0.0 352.0

