

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091925\
 Data File : VX047673.D
 Acq On : 19 Sep 2025 14:13
 Operator : JC/MD
 Sample : Q3095-31
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D-20250911

Quant Time: Sep 20 00:32:06 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)

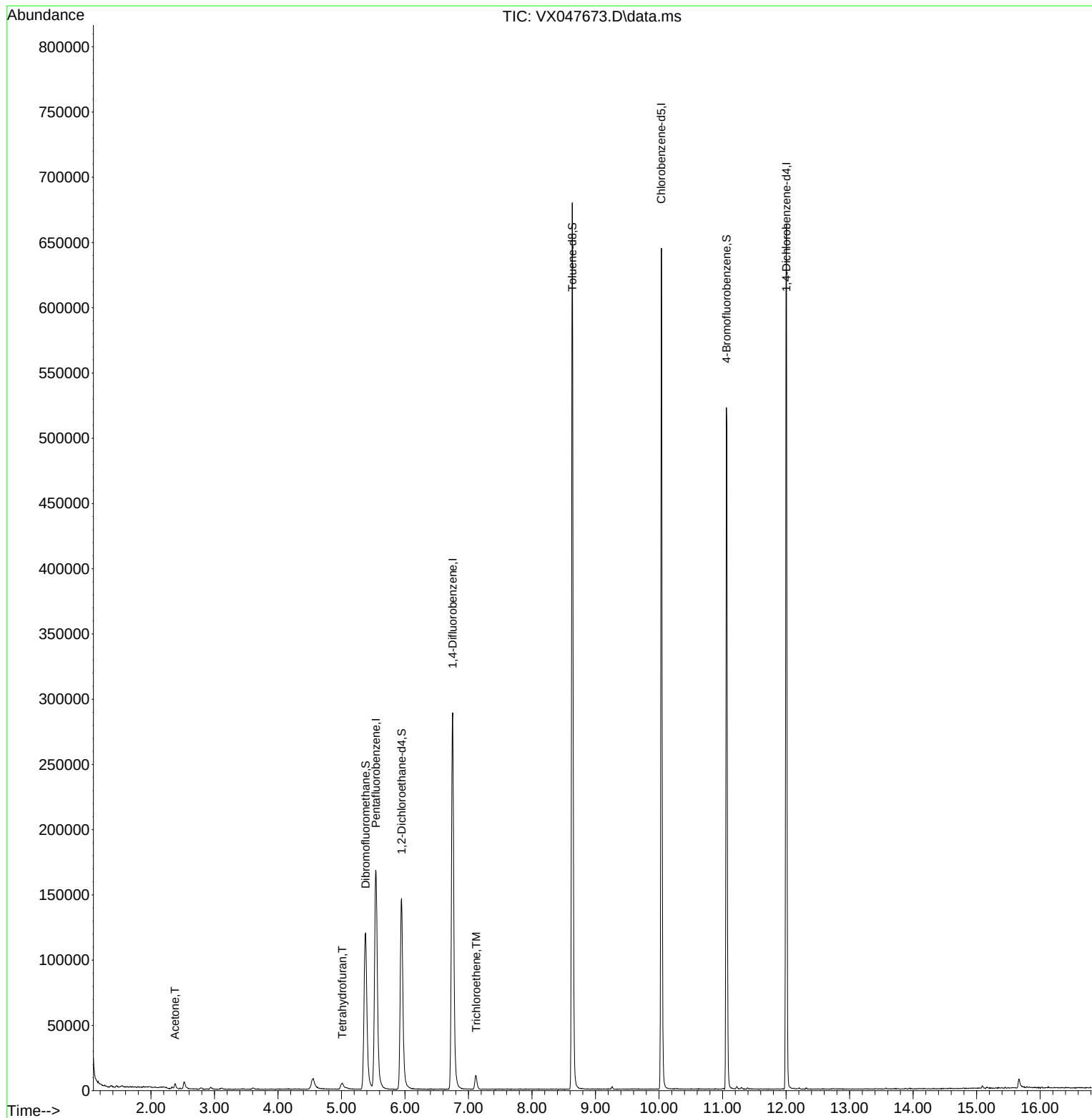
Internal Standards						
1) Pentafluorobenzene	5.544	168	171154	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	314018	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	285129	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	139806	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	158137	58.046	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 116.100%	
35) Dibromofluoromethane	5.379	113	119342	56.668	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 113.340%	
50) Toluene-d8	8.635	98	408915	56.115	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 112.220%#	
62) 4-Bromofluorobenzene	11.061	95	156651	56.643	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 113.280%	
Target Compounds						
						Qvalue
16) Acetone	2.380	43	5327	4.497	ug/l	94
29) Tetrahydrofuran	5.013	42	5037	5.667	ug/l	97
44) Trichloroethene	7.123	130	4873	2.157	ug/l	70

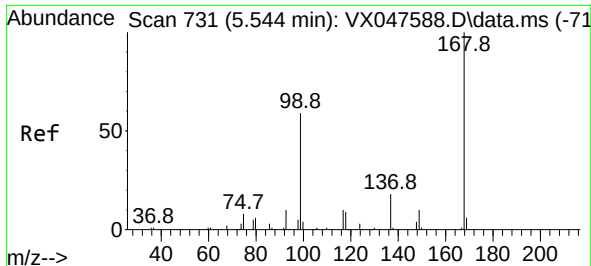
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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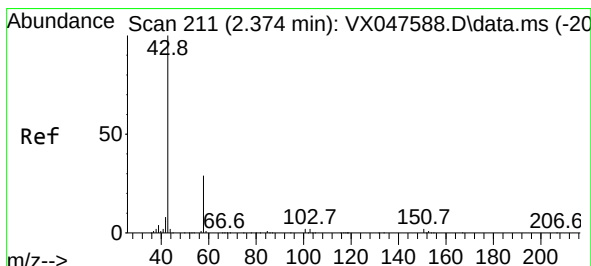
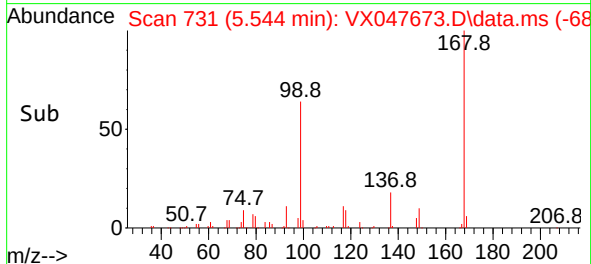
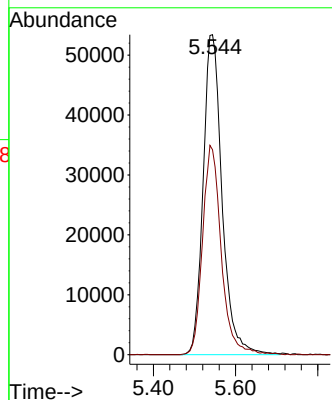
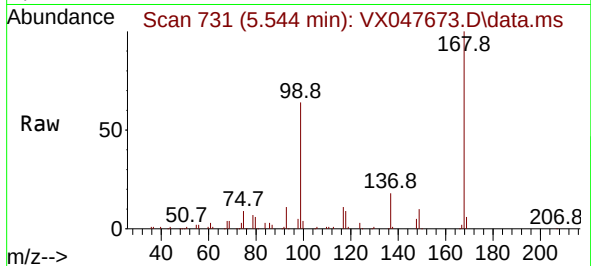




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047673.D
Acq: 19 Sep 2025 14:13

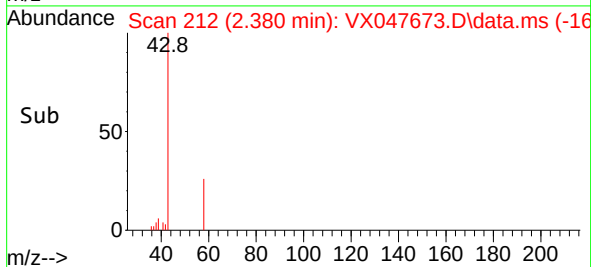
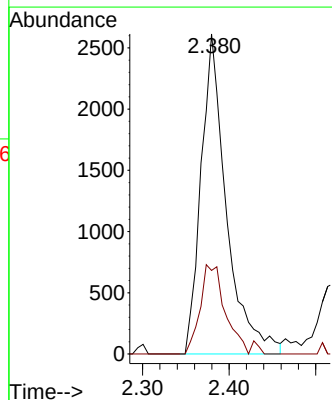
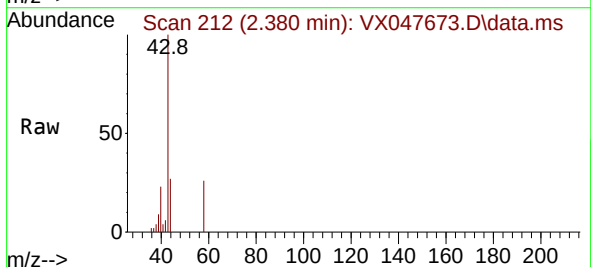
Instrument :
MSVOA_X
ClientSampleId :
TT180D-20250911

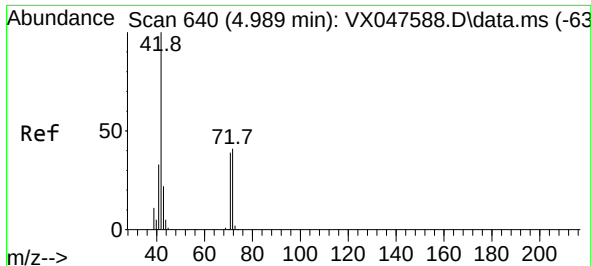
Tgt Ion:168 Resp: 171154
Ion Ratio Lower Upper
168 100
99 64.1 48.8 73.2



#16
Acetone
Concen: 4.497 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX047673.D
Acq: 19 Sep 2025 14:13

Tgt Ion: 43 Resp: 5327
Ion Ratio Lower Upper
43 100
58 26.1 23.4 35.0





#29

Tetrahydrofuran

Concen: 5.667 ug/l

RT: 5.013 min Scan# 64

Delta R.T. 0.024 min

Lab File: VX047673.D

Acq: 19 Sep 2025 14:13

Instrument :

MSVOA_X

ClientSampleId :

TT180D-20250911

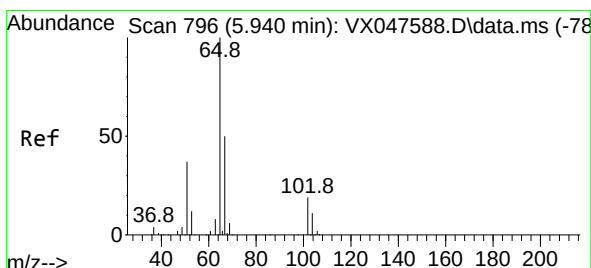
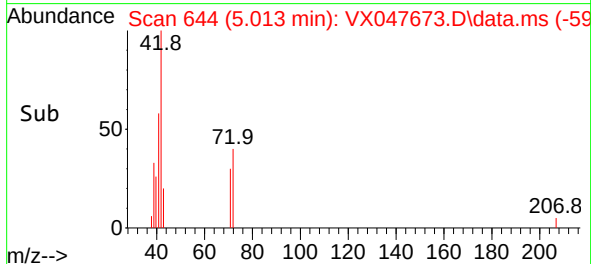
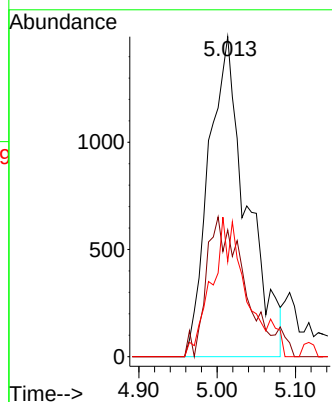
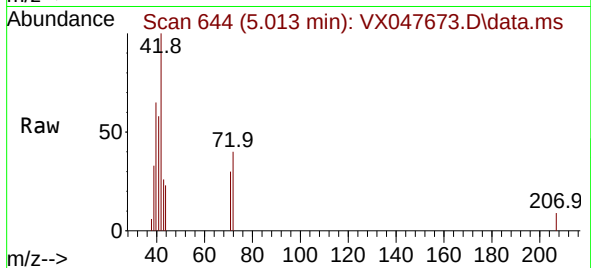
Tgt Ion: 42 Resp: 5037

Ion Ratio Lower Upper

42 100

72 42.4 34.2 51.2

71 36.9 31.9 47.9



#33

1,2-Dichloroethane-d4

Concen: 58.046 ug/l

RT: 5.946 min Scan# 797

Delta R.T. 0.006 min

Lab File: VX047673.D

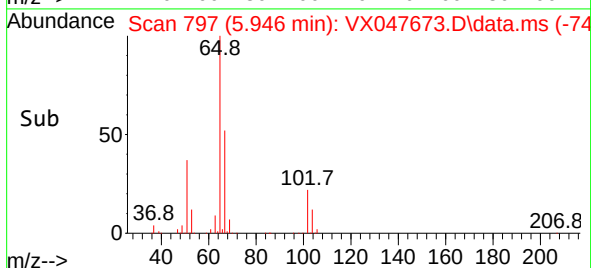
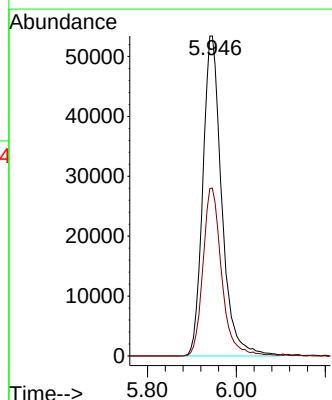
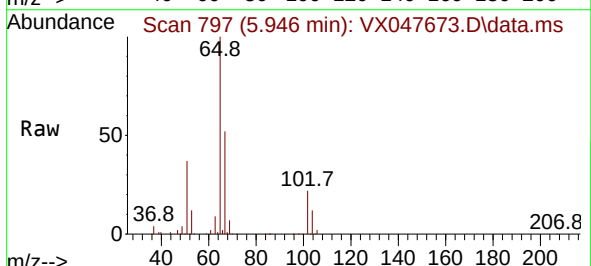
Acq: 19 Sep 2025 14:13

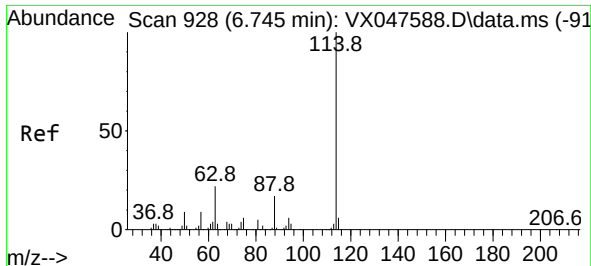
Tgt Ion: 65 Resp: 158137

Ion Ratio Lower Upper

65 100

67 51.9 0.0 103.0

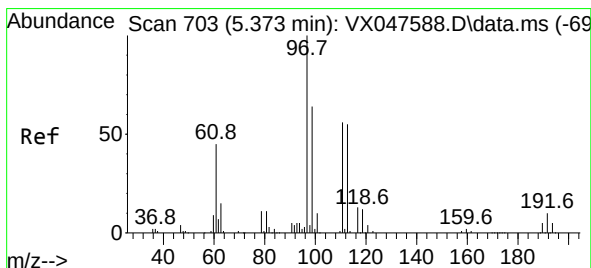
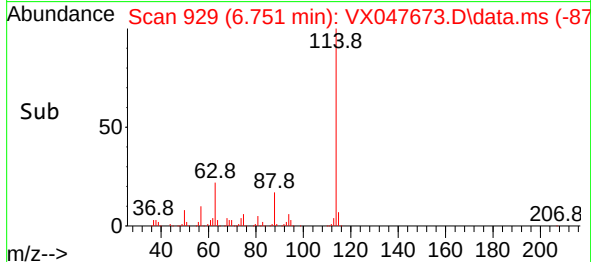
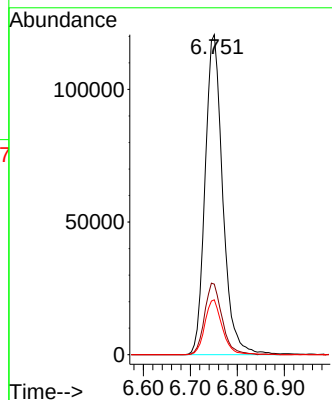
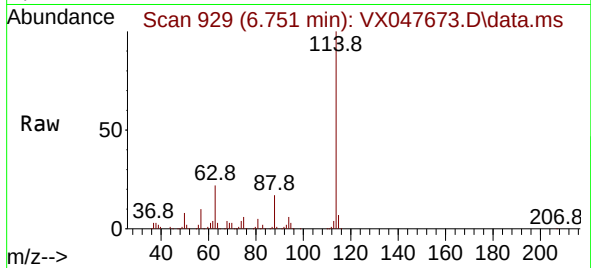




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047673.D
Acq: 19 Sep 2025 14:13

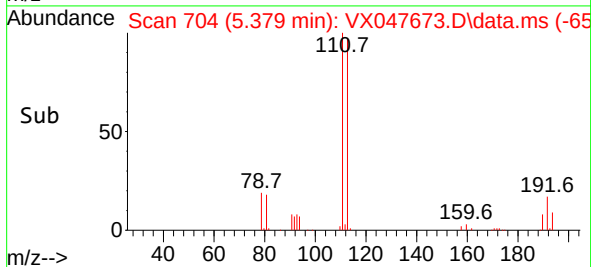
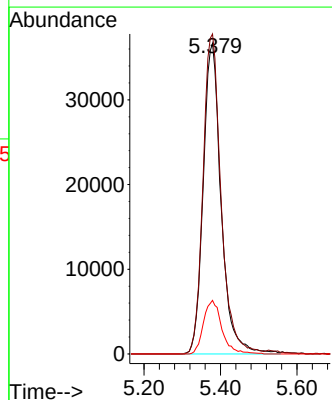
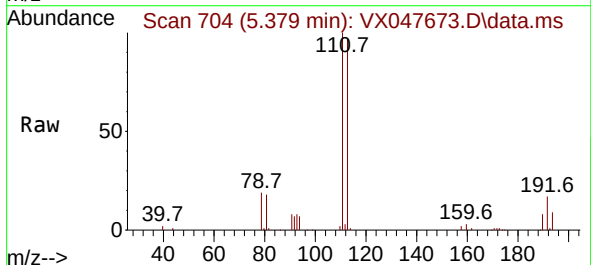
Instrument :
MSVOA_X
ClientSampleId :
TT180D-20250911

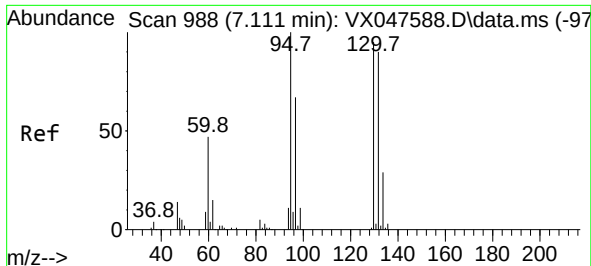
Tgt Ion:114 Resp: 314018
Ion Ratio Lower Upper
114 100
63 22.0 0.0 44.0
88 17.2 0.0 34.2



#35
Dibromofluoromethane
Concen: 56.668 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX047673.D
Acq: 19 Sep 2025 14:13

Tgt Ion:113 Resp: 119342
Ion Ratio Lower Upper
113 100
111 103.7 80.9 121.3
192 17.7 14.2 21.4

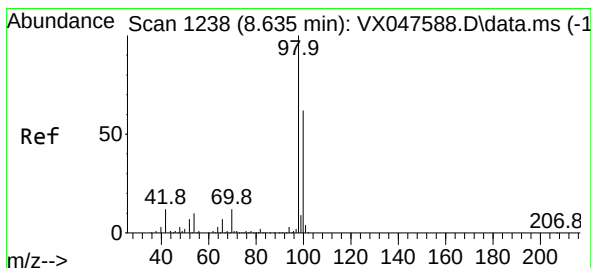
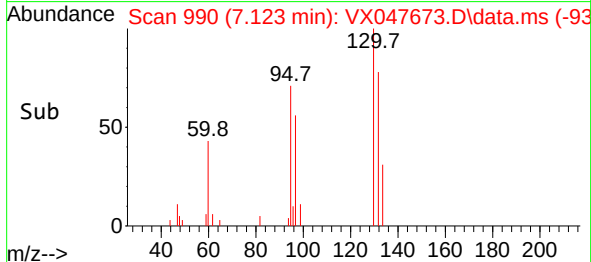
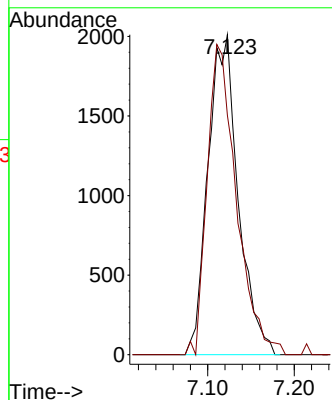
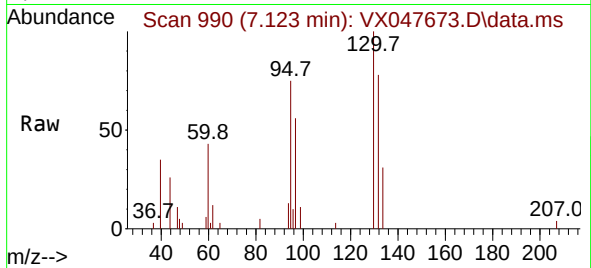




#44
Trichloroethene
Concen: 2.157 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.012 min
Lab File: VX047673.D
Acq: 19 Sep 2025 14:13

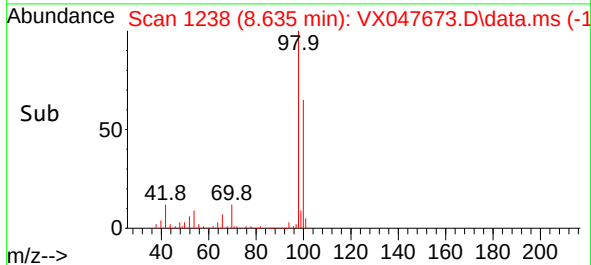
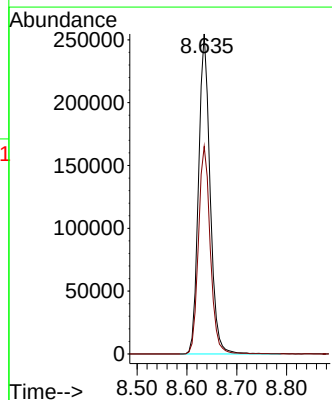
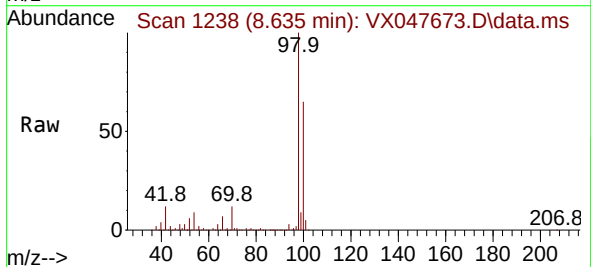
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MSVOA_X
ClientSampleId :
TT180D-20250911

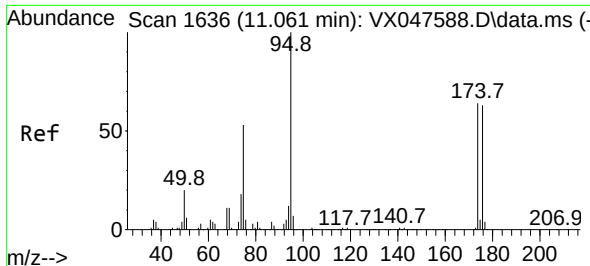
Tgt Ion:130 Resp: 4873
Ion Ratio Lower Upper
130 100
95 74.8 0.0 210.8



#50
Toluene-d8
Concen: 56.115 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047673.D
Acq: 19 Sep 2025 14:13

Tgt Ion: 98 Resp: 408915
Ion Ratio Lower Upper
98 100
100 66.6 53.0 79.4

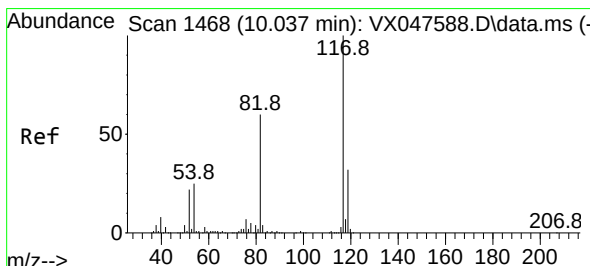
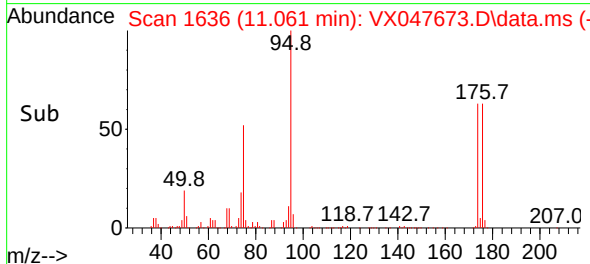
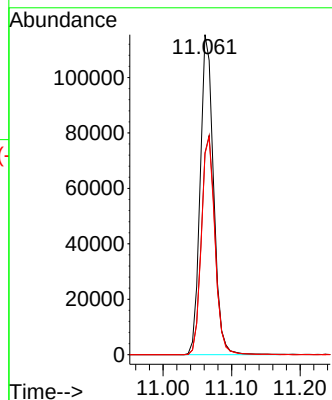
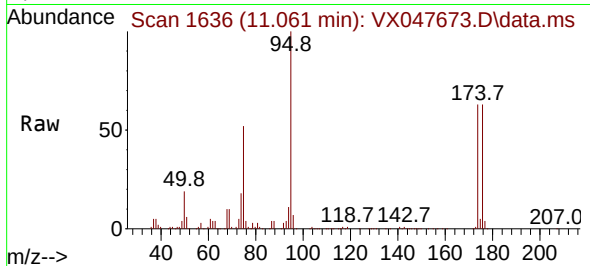




#62
4-Bromofluorobenzene
Concen: 56.643 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047673.D
Acq: 19 Sep 2025 14:13

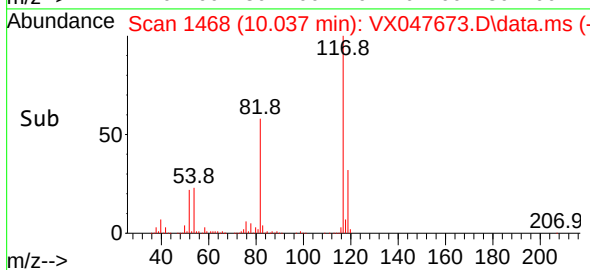
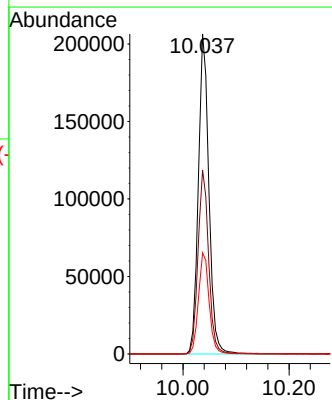
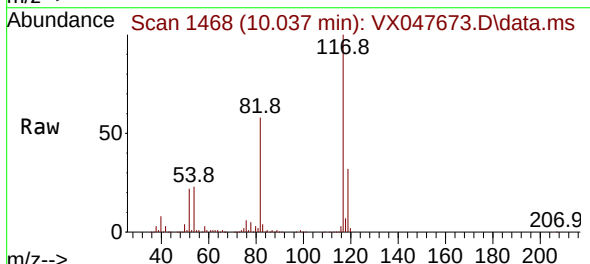
Instrument :
MSVOA_X
ClientSampleId :
TT180D-20250911

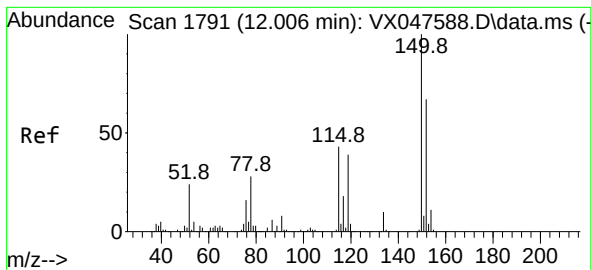
Tgt Ion: 95 Resp: 156651
Ion Ratio Lower Upper
95 100
174 70.2 0.0 141.6
176 68.9 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047673.D
Acq: 19 Sep 2025 14:13

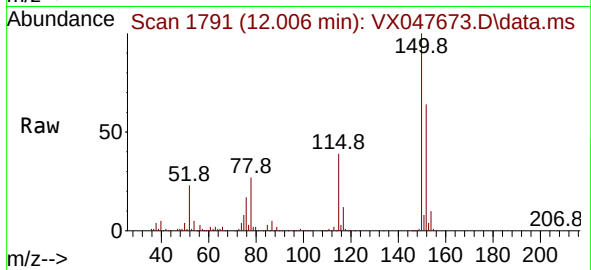
Tgt Ion: 117 Resp: 285129
Ion Ratio Lower Upper
117 100
82 57.5 47.8 71.6
119 31.6 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX047673.D
 Acq: 19 Sep 2025 14:13

Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D-20250911



Tgt Ion:152 Resp: 139806
 Ion Ratio Lower Upper
 152 100
 115 62.3 44.9 134.5
 150 157.4 0.0 352.0

