

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091825\
 Data File : VX047651.D
 Acq On : 18 Sep 2025 18:50
 Operator : JC/MD
 Sample : Q3095-26
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP03-20250910

Quant Time: Sep 19 01:35:46 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)

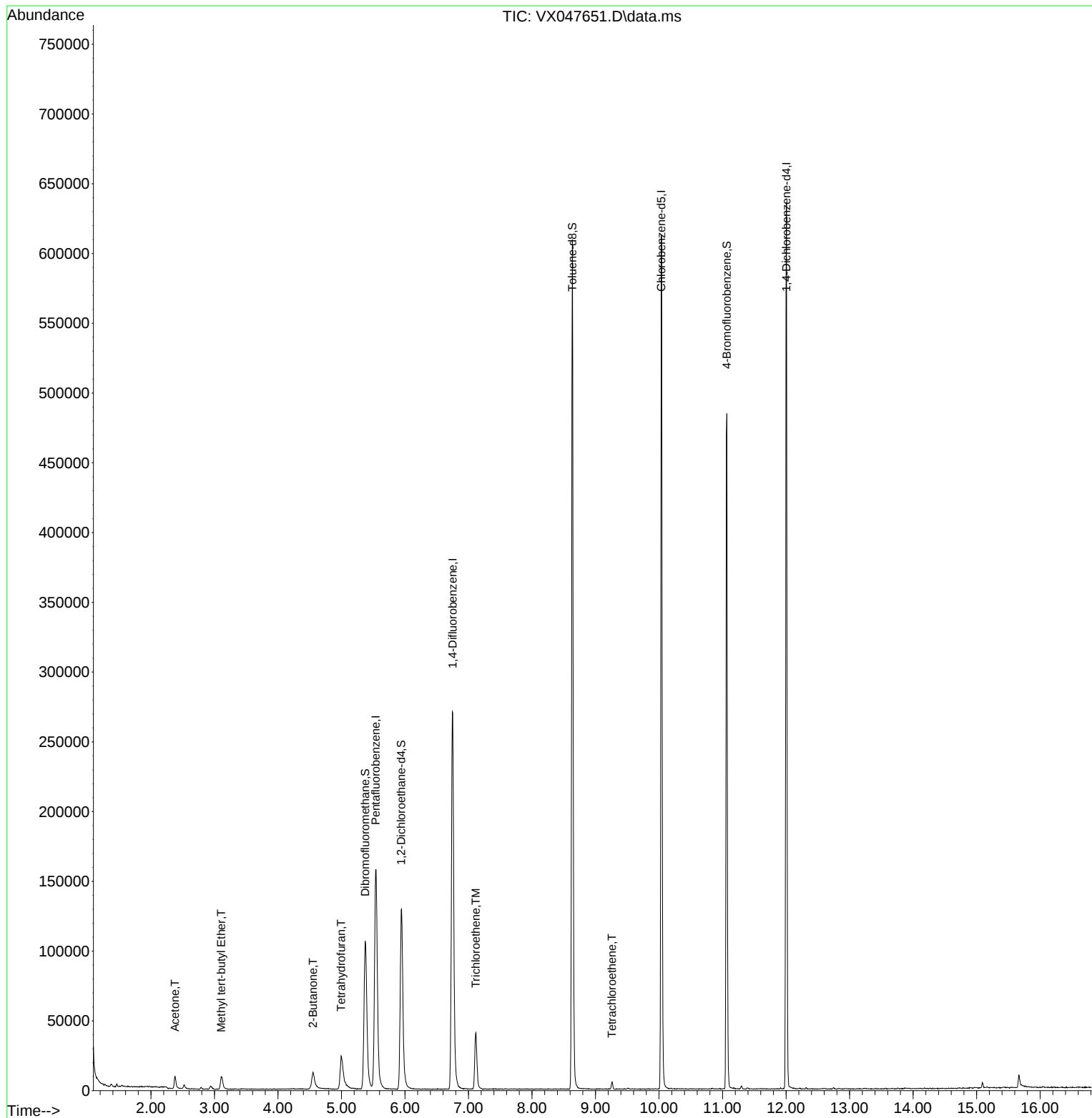
Internal Standards						
1) Pentafluorobenzene	5.537	168	159745	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.750	114	297192	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	273565	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	132699	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	142419	56.010	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 112.020%	
35) Dibromofluoromethane	5.373	113	104554	52.457	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.920%	
50) Toluene-d8	8.634	98	364854	52.903	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.800%	
62) 4-Bromofluorobenzene	11.067	95	142019	54.260	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 108.520%	
Target Compounds						
					Qvalue	
16) Acetone	2.379	43	12942	11.706	ug/l	93
19) Methyl tert-butyl Ether	3.105	73	11362	1.640	ug/l	98
25) 2-Butanone	4.550	43	19085	13.839	ug/l	99
29) Tetrahydrofuran	4.995	42	26791	32.293	ug/l	98
44) Trichloroethene	7.116	130	17559	8.211	ug/l	100
64) Tetrachloroethene	9.256	164	839	0.470	ug/l	89

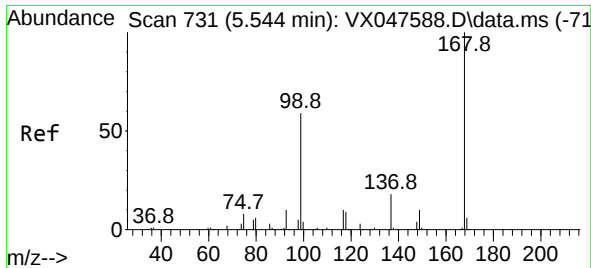
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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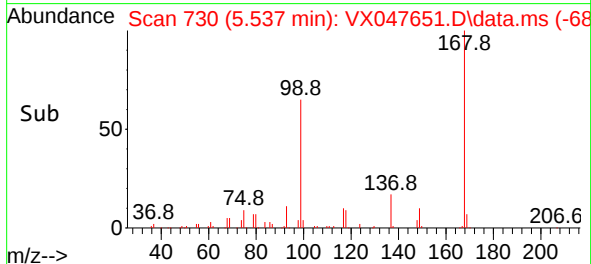
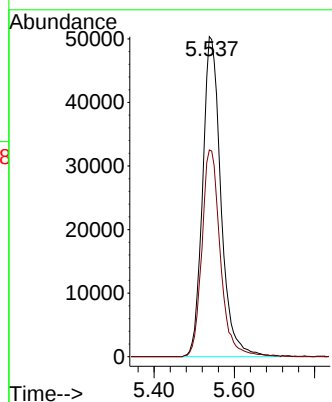
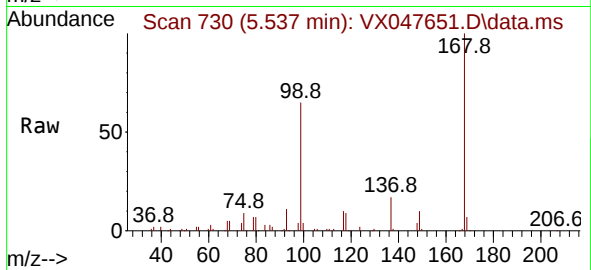




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX047651.D
Acq: 18 Sep 2025 18:50

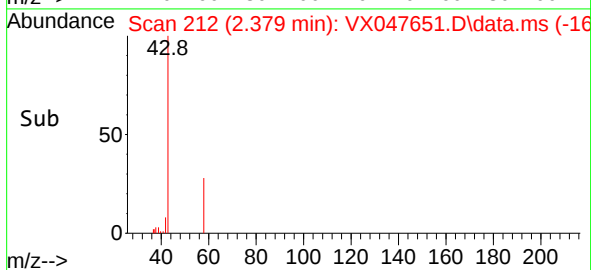
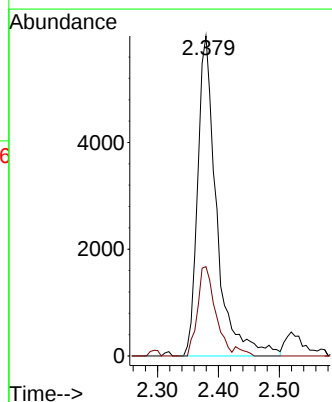
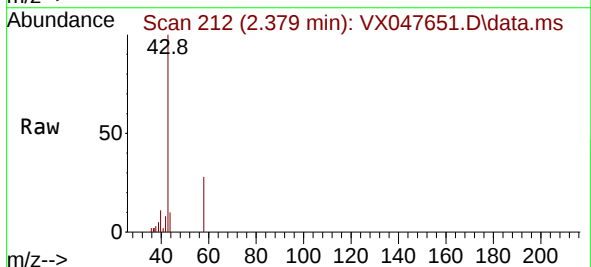
Instrument :
MSVOA_X
ClientSampleId :
DUP03-20250910

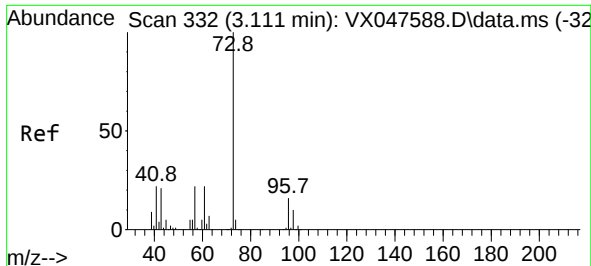
Tgt Ion:168 Resp: 159745
Ion Ratio Lower Upper
168 100
99 64.6 48.8 73.2



#16
Acetone
Concen: 11.706 ug/l
RT: 2.379 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX047651.D
Acq: 18 Sep 2025 18:50

Tgt Ion: 43 Resp: 12942
Ion Ratio Lower Upper
43 100
58 25.3 23.4 35.0

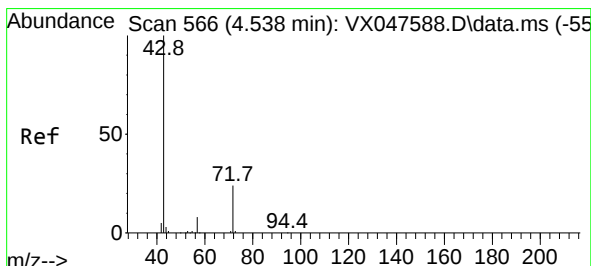
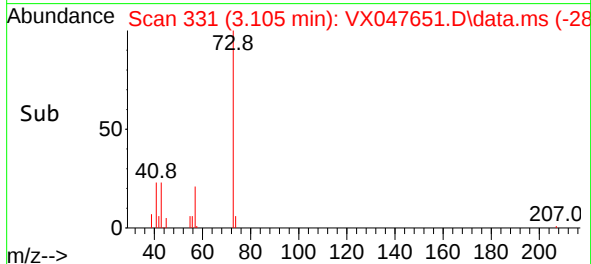
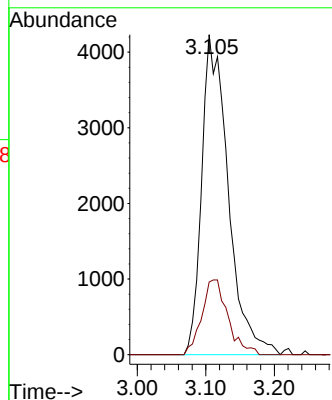
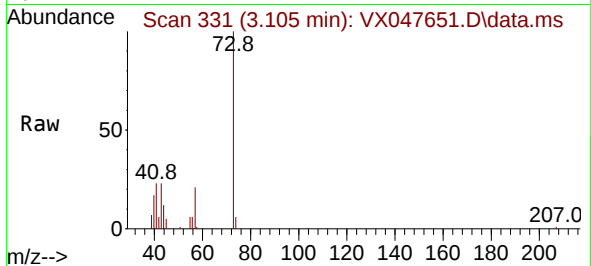




#19
Methyl tert-butyl Ether
Concen: 1.640 ug/l
RT: 3.105 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX047651.D
Acq: 18 Sep 2025 18:50

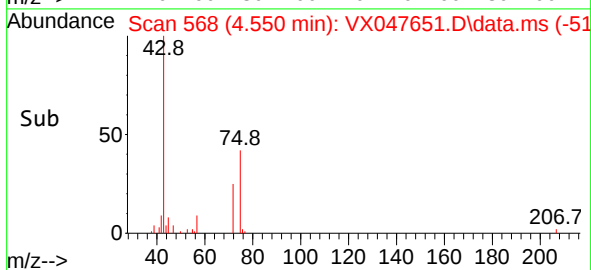
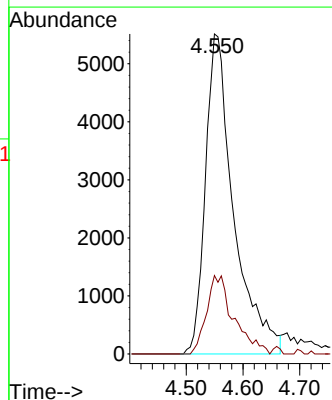
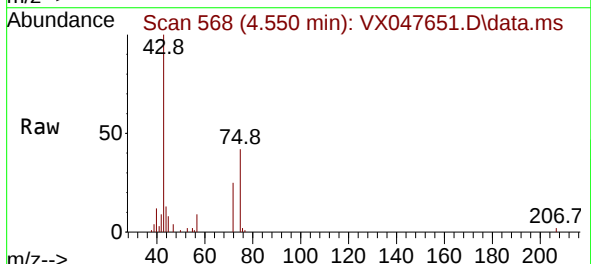
Instrument :
MSVOA_X
ClientSampleId :
DUP03-20250910

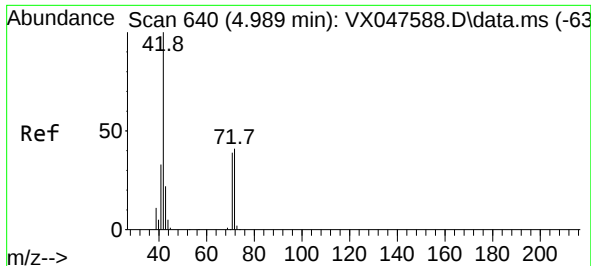
Tgt Ion: 73 Resp: 11362
Ion Ratio Lower Upper
73 100
57 22.7 17.4 26.2



#25
2-Butanone
Concen: 13.839 ug/l
RT: 4.550 min Scan# 568
Delta R.T. 0.012 min
Lab File: VX047651.D
Acq: 18 Sep 2025 18:50

Tgt Ion: 43 Resp: 19085
Ion Ratio Lower Upper
43 100
72 24.5 20.1 30.1





#29

Tetrahydrofuran

Concen: 32.293 ug/l

RT: 4.995 min Scan# 641

Delta R.T. 0.006 min

Lab File: VX047651.D

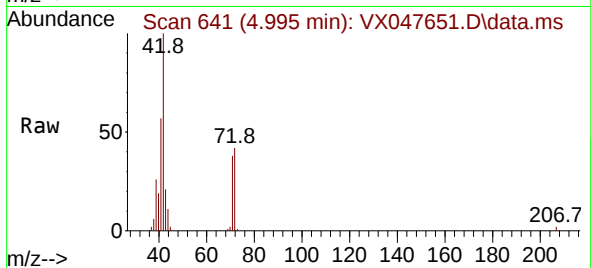
Acq: 18 Sep 2025 18:50

Instrument :

MSVOA_X

ClientSampleId :

DUP03-20250910



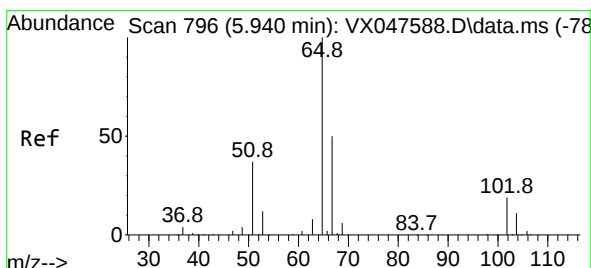
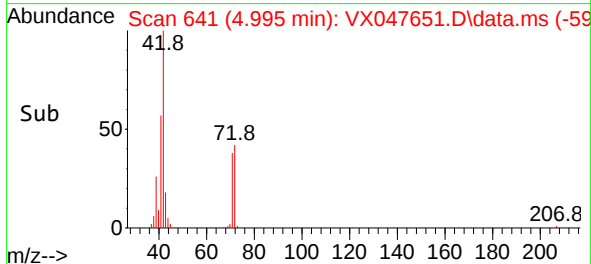
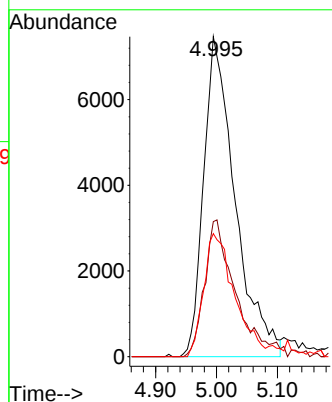
Tgt Ion: 42 Resp: 26791

Ion Ratio Lower Upper

42 100

72 42.0 34.2 51.2

71 37.8 31.9 47.9



#33

1,2-Dichloroethane-d4

Concen: 56.010 ug/l

RT: 5.940 min Scan# 796

Delta R.T. -0.000 min

Lab File: VX047651.D

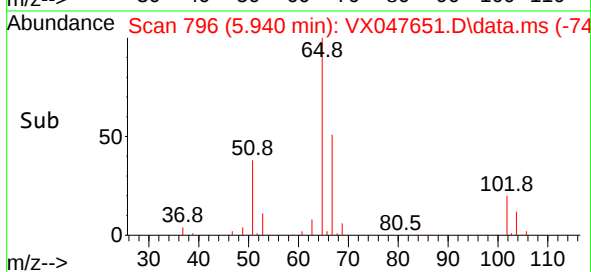
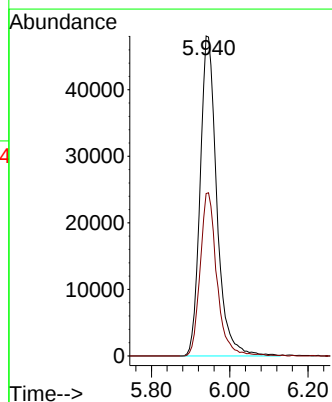
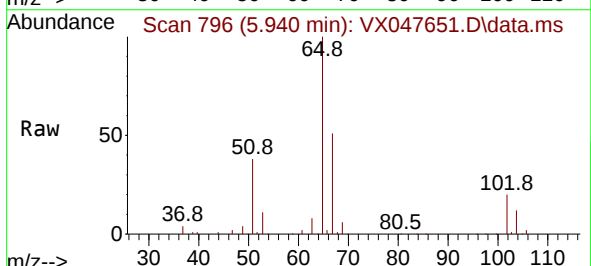
Acq: 18 Sep 2025 18:50

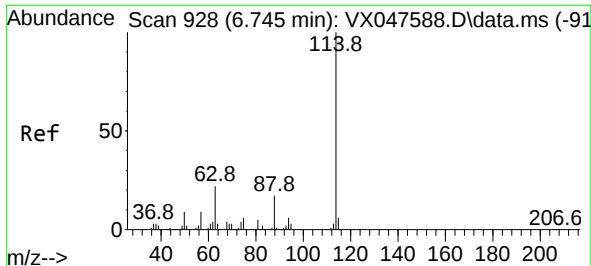
Tgt Ion: 65 Resp: 142419

Ion Ratio Lower Upper

65 100

67 51.0 0.0 103.0

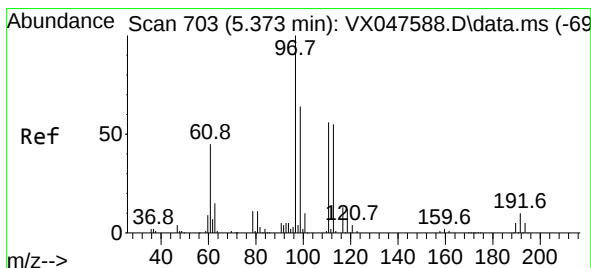
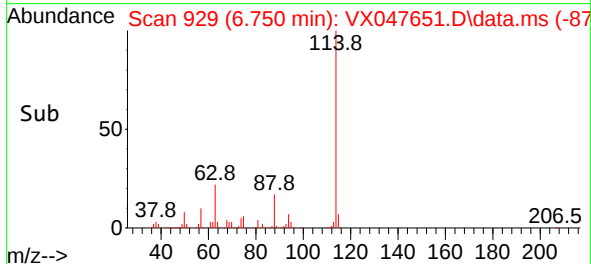
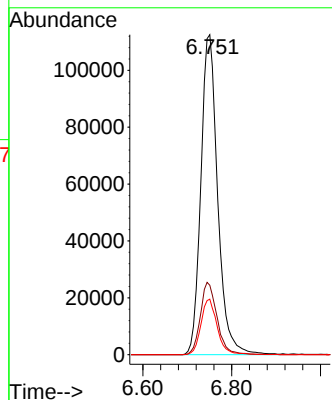
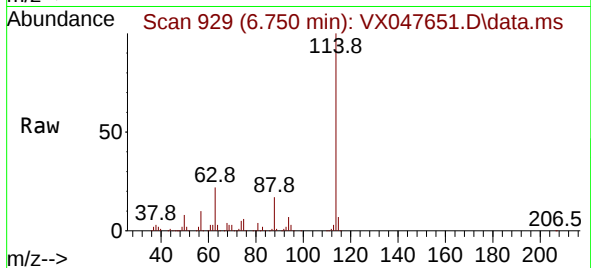




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.750 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047651.D
Acq: 18 Sep 2025 18:50

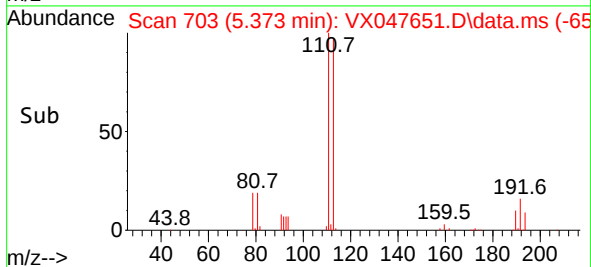
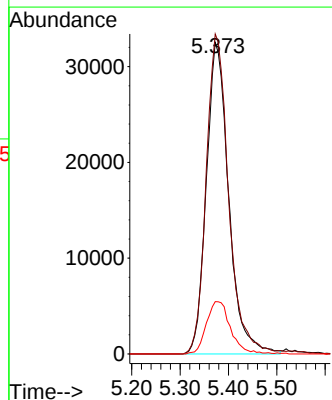
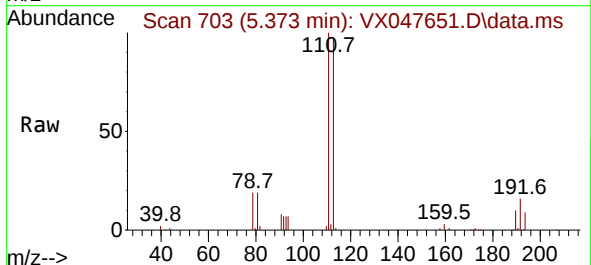
Instrument :
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ClientSampleId :
DUP03-20250910

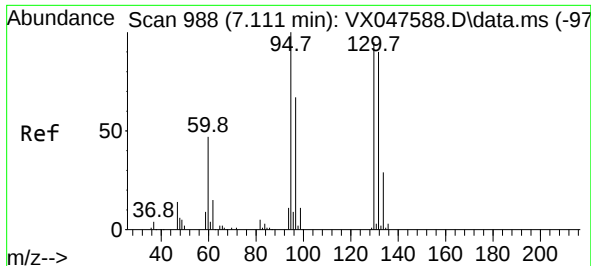
Tgt Ion:114 Resp: 297192
Ion Ratio Lower Upper
114 100
63 21.7 0.0 44.0
88 17.3 0.0 34.2



#35
Dibromofluoromethane
Concen: 52.457 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047651.D
Acq: 18 Sep 2025 18:50

Tgt Ion:113 Resp: 104554
Ion Ratio Lower Upper
113 100
111 103.2 80.9 121.3
192 18.1 14.2 21.4

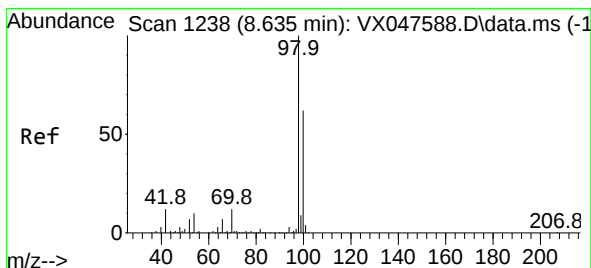
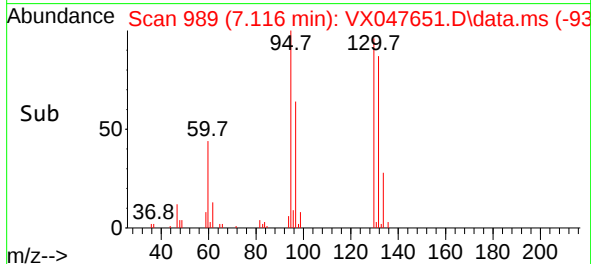
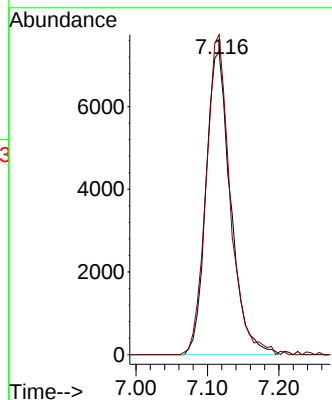
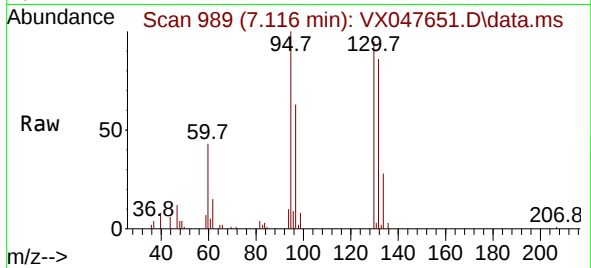




#44
Trichloroethene
Concen: 8.211 ug/l
RT: 7.116 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047651.D
Acq: 18 Sep 2025 18:50

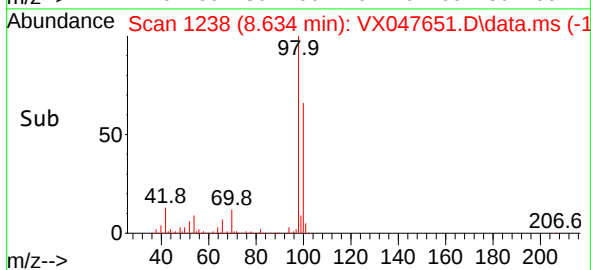
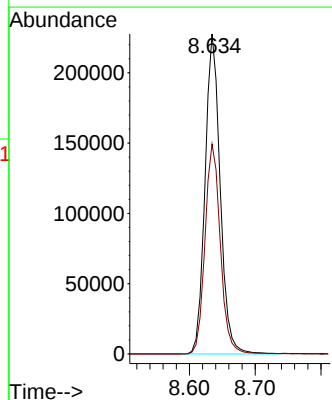
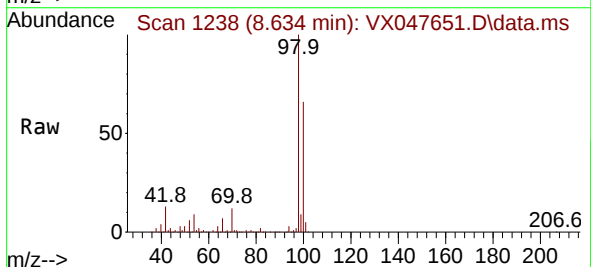
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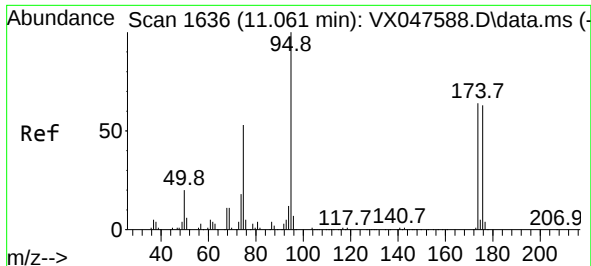
Tgt Ion:130 Resp: 17559
Ion Ratio Lower Upper
130 100
95 105.6 0.0 210.8



#50
Toluene-d8
Concen: 52.903 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047651.D
Acq: 18 Sep 2025 18:50

Tgt Ion: 98 Resp: 364854
Ion Ratio Lower Upper
98 100
100 66.5 53.0 79.4

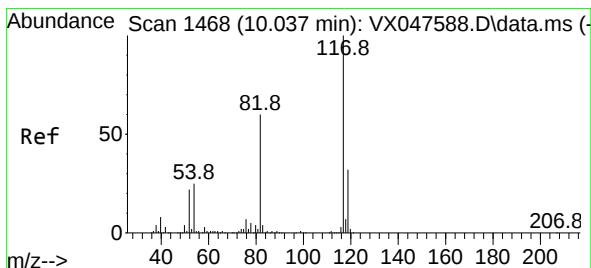
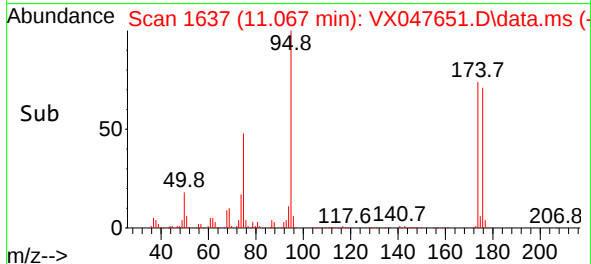
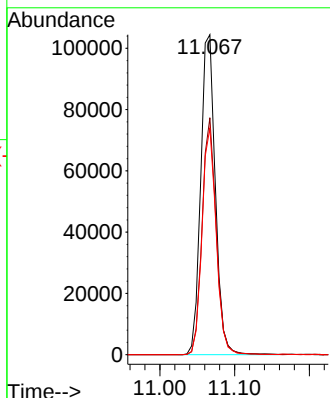
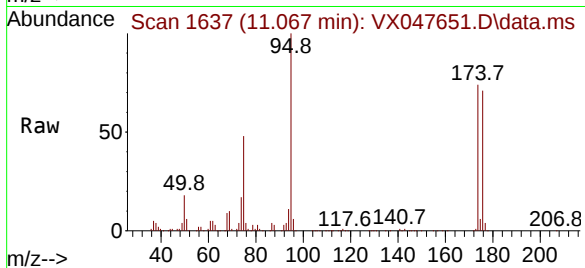




#62
4-Bromofluorobenzene
Concen: 54.260 ug/l
RT: 11.067 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047651.D
Acq: 18 Sep 2025 18:50

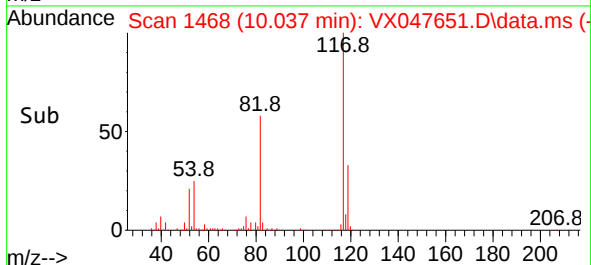
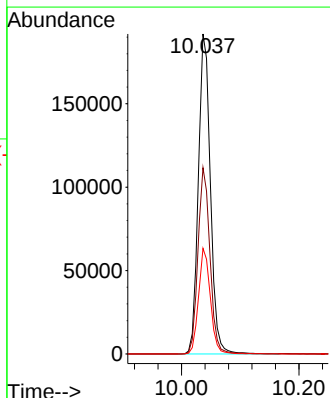
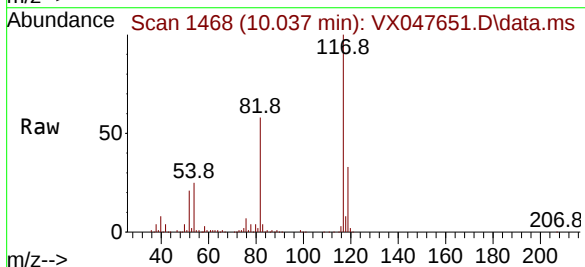
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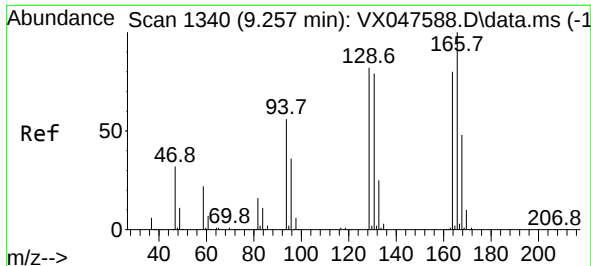
Tgt Ion: 95 Resp: 142019
Ion Ratio Lower Upper
95 100
174 71.4 0.0 141.6
176 68.6 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047651.D
Acq: 18 Sep 2025 18:50

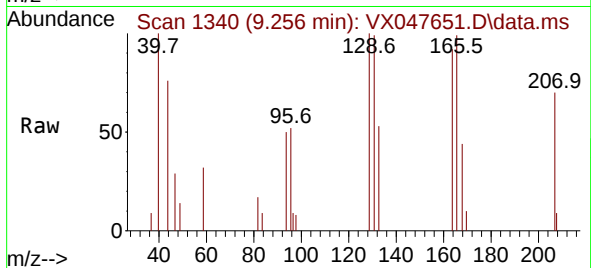
Tgt Ion: 117 Resp: 273565
Ion Ratio Lower Upper
117 100
82 58.2 47.8 71.6
119 33.0 25.2 37.8





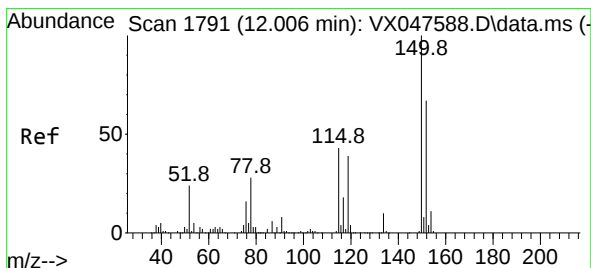
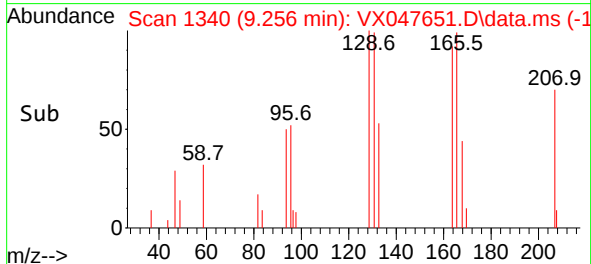
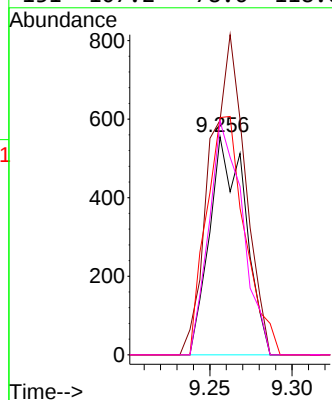
#64
Tetrachloroethene
Concen: 0.470 ug/l
RT: 9.256 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047651.D
Acq: 18 Sep 2025 18:50

Instrument :
MSVOA_X
ClientSampleId :
DUP03-20250910



Tgt Ion:164 Resp: 839

Ion	Ratio	Lower	Upper
164	100		
166	107.6	100.2	150.2
129	108.8	81.8	122.6
131	107.2	78.6	118.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047651.D
Acq: 18 Sep 2025 18:50

Tgt Ion:152 Resp: 132699

Ion	Ratio	Lower	Upper
152	100		
115	62.6	44.9	134.5
150	156.0	0.0	352.0

