

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091925\
 Data File : VX047670.D
 Acq On : 19 Sep 2025 13:11
 Operator : JC/MD
 Sample : Q3095-26
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP03-20250910

Quant Time: Sep 20 00:30:55 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)

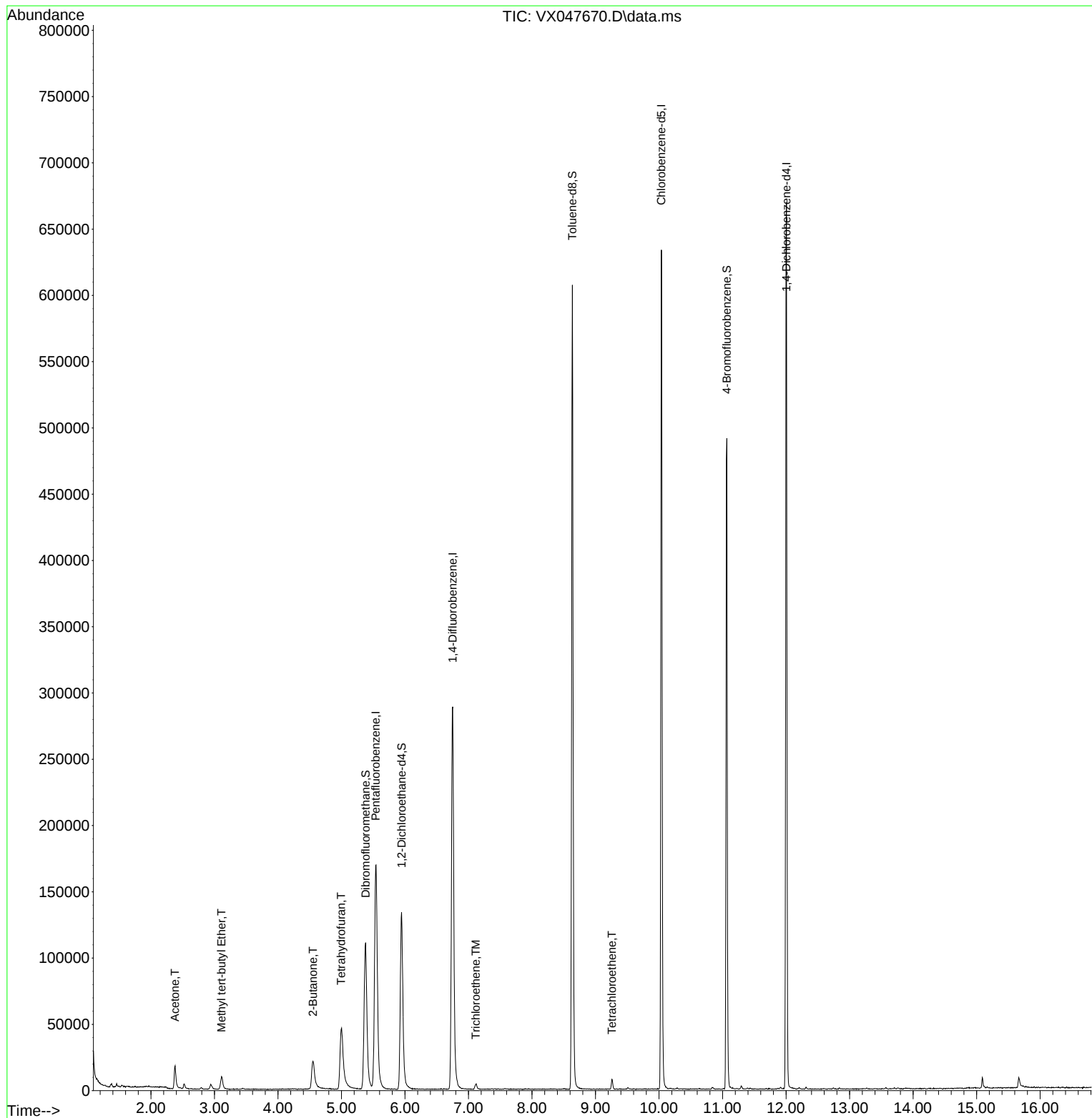
Internal Standards						
1) Pentafluorobenzene	5.537	168	173509	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	318100	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	291215	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	140190	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	143242	51.865	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.720%	
35) Dibromofluoromethane	5.379	113	107565	50.421	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.840%	
50) Toluene-d8	8.634	98	365698	49.540	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.080%	
62) 4-Bromofluorobenzene	11.067	95	139811	49.905	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.820%	
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	22900	19.070	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	11612	1.543	ug/l	98
25) 2-Butanone	4.550	43	38983	26.025	ug/l	96
29) Tetrahydrofuran	4.995	42	54797	60.811	ug/l	97
44) Trichloroethene	7.116	130	1690	0.738	ug/l	94
64) Tetrachloroethene	9.256	164	1236	0.651	ug/l	90

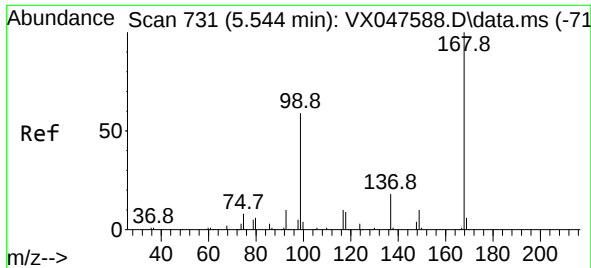
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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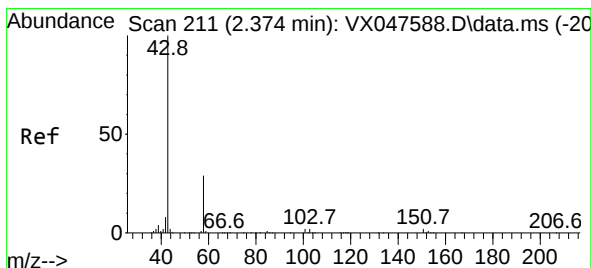
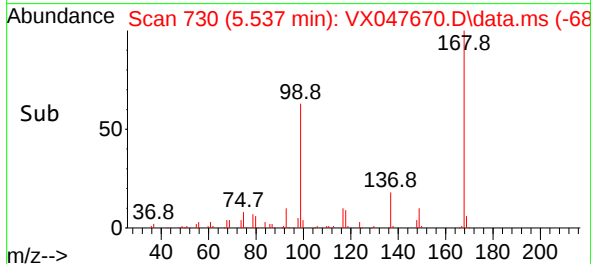
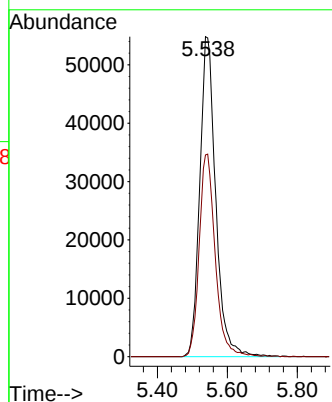
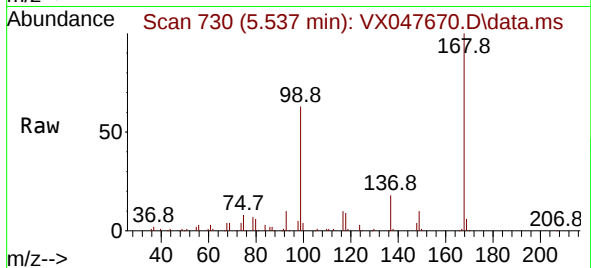




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047670.D
Acq: 19 Sep 2025 13:11

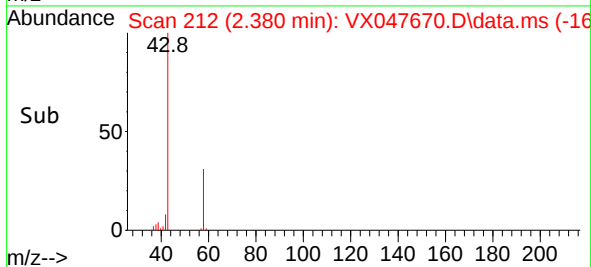
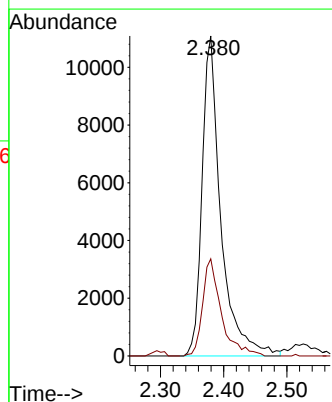
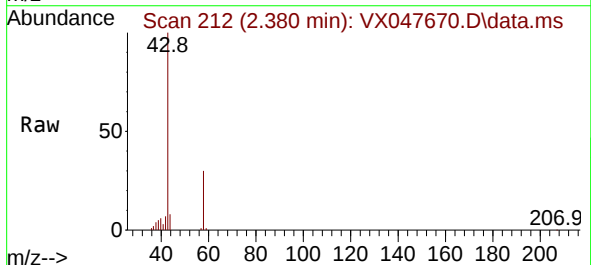
Instrument :
MSVOA_X
ClientSampleId :
DUP03-20250910

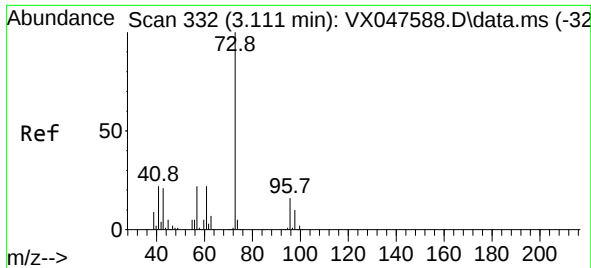
Tgt Ion:168 Resp: 173509
Ion Ratio Lower Upper
168 100
99 63.1 48.8 73.2



#16
Acetone
Concen: 19.070 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX047670.D
Acq: 19 Sep 2025 13:11

Tgt Ion: 43 Resp: 22900
Ion Ratio Lower Upper
43 100
58 28.0 23.4 35.0

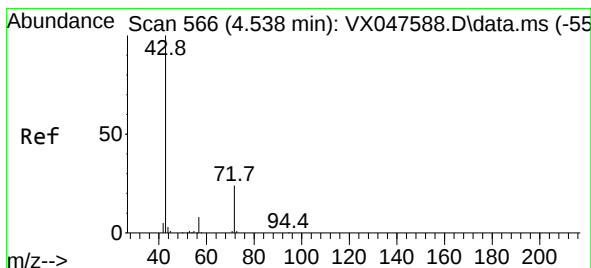
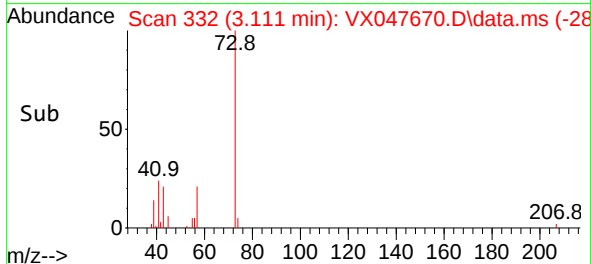
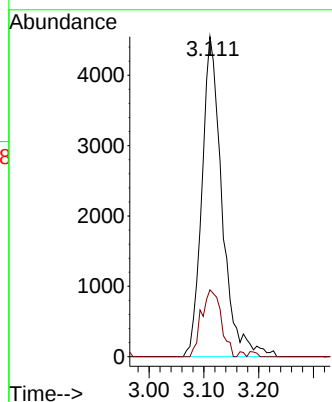
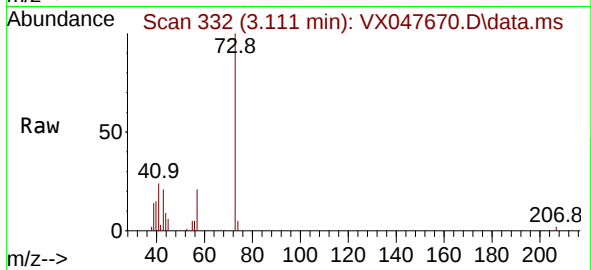




#19
Methyl tert-butyl Ether
Concen: 1.543 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX047670.D
Acq: 19 Sep 2025 13:11

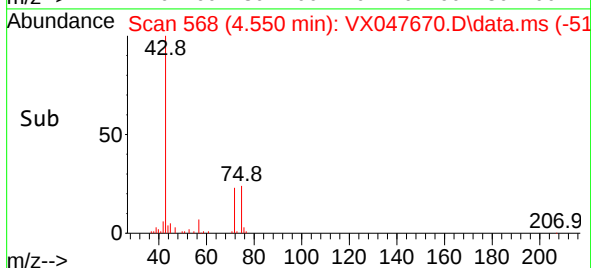
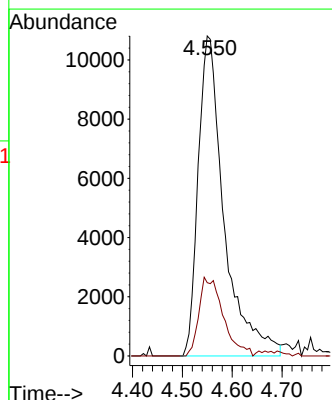
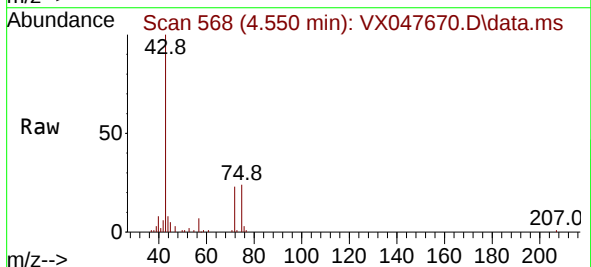
Instrument :
MSVOA_X
ClientSampleId :
DUP03-20250910

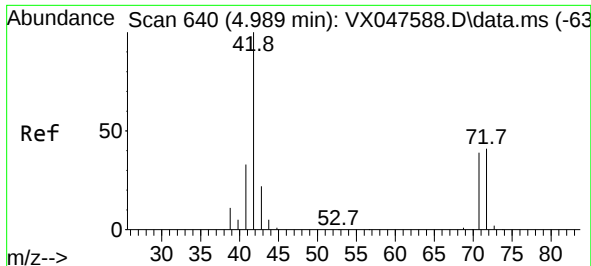
Tgt Ion: 73 Resp: 11612
Ion Ratio Lower Upper
73 100
57 20.9 17.4 26.2



#25
2-Butanone
Concen: 26.025 ug/l
RT: 4.550 min Scan# 568
Delta R.T. 0.012 min
Lab File: VX047670.D
Acq: 19 Sep 2025 13:11

Tgt Ion: 43 Resp: 38983
Ion Ratio Lower Upper
43 100
72 22.9 20.1 30.1





#29

Tetrahydrofuran

Concen: 60.811 ug/l

RT: 4.995 min Scan# 641

Delta R.T. 0.006 min

Lab File: VX047670.D

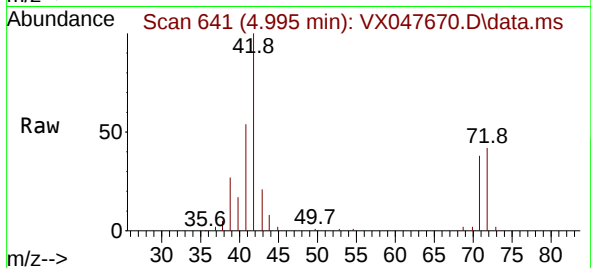
Acq: 19 Sep 2025 13:11

Instrument :

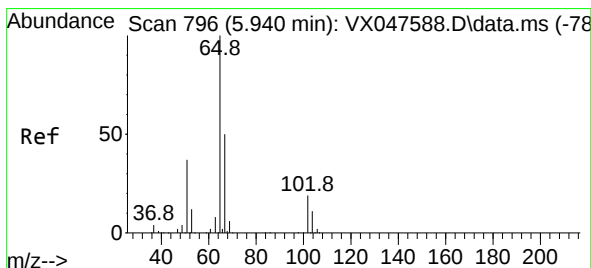
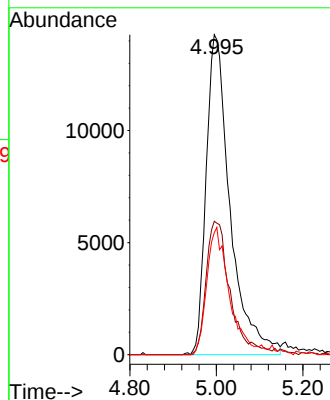
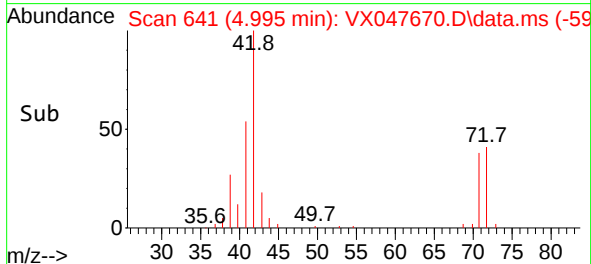
MSVOA_X

ClientSampleId :

DUP03-20250910



Tgt Ion:	42	Resp:	54797
Ion	Ratio	Lower	Upper
42	100		
72	41.5	34.2	51.2
71	38.0	31.9	47.9



#33

1,2-Dichloroethane-d4

Concen: 51.865 ug/l

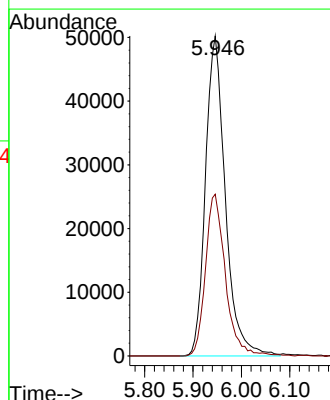
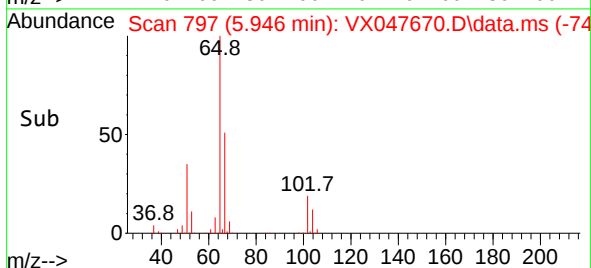
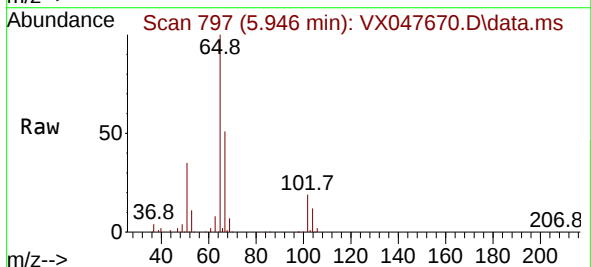
RT: 5.946 min Scan# 797

Delta R.T. 0.006 min

Lab File: VX047670.D

Acq: 19 Sep 2025 13:11

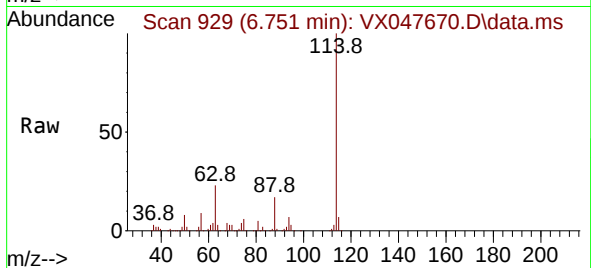
Tgt Ion:	65	Resp:	143242
Ion	Ratio	Lower	Upper
65	100		
67	50.9	0.0	103.0



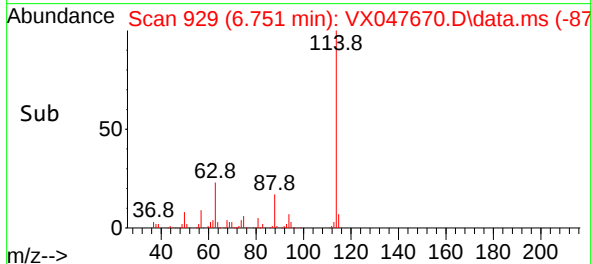
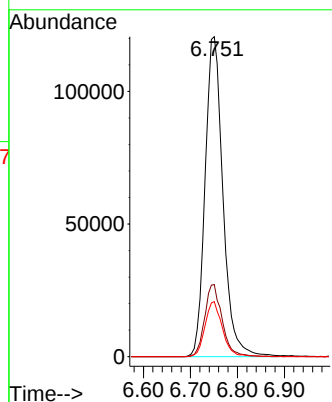


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047670.D
Acq: 19 Sep 2025 13:11

Instrument :
MSVOA_X
ClientSampleId :
DUP03-20250910

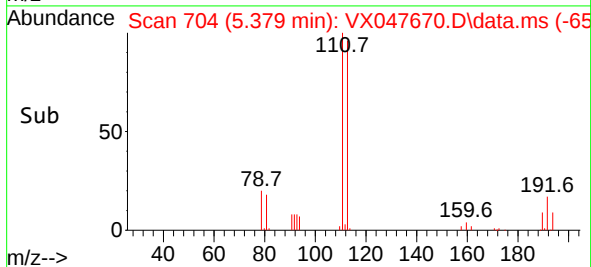
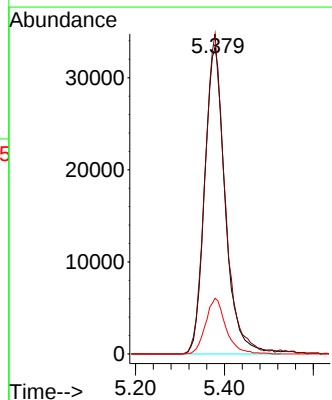
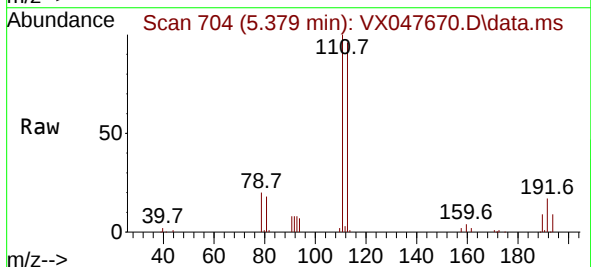


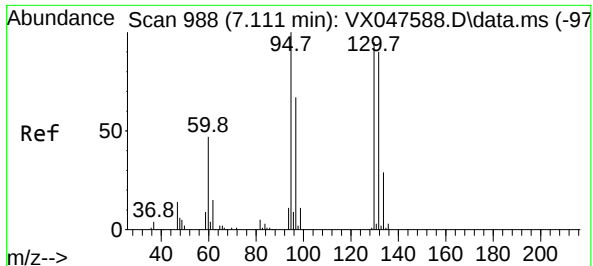
Tgt Ion:114 Resp: 318100
Ion Ratio Lower Upper
114 100
63 22.6 0.0 44.0
88 17.2 0.0 34.2



#35
Dibromofluoromethane
Concen: 50.421 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX047670.D
Acq: 19 Sep 2025 13:11

Tgt Ion:113 Resp: 107565
Ion Ratio Lower Upper
113 100
111 101.8 80.9 121.3
192 17.9 14.2 21.4

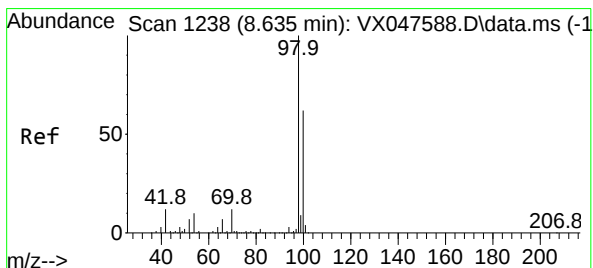
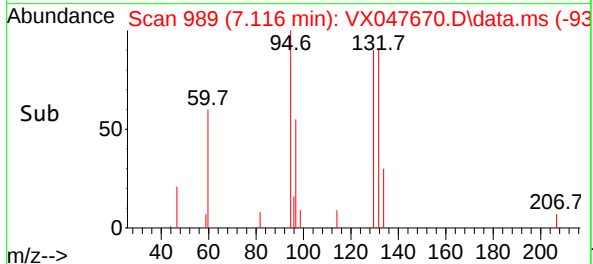
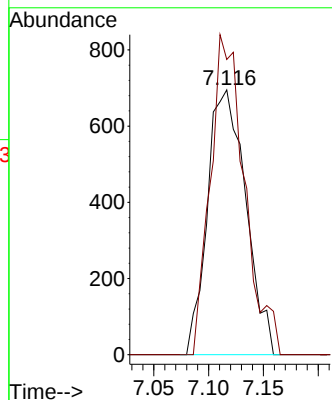
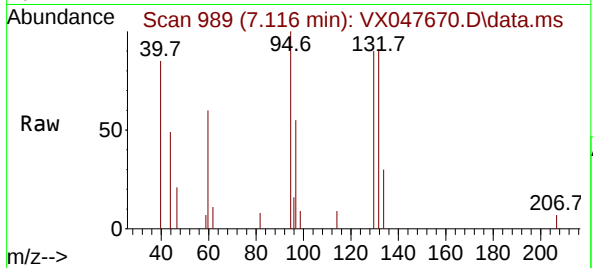




#44
Trichloroethene
Concen: 0.738 ug/l
RT: 7.116 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047670.D
Acq: 19 Sep 2025 13:11

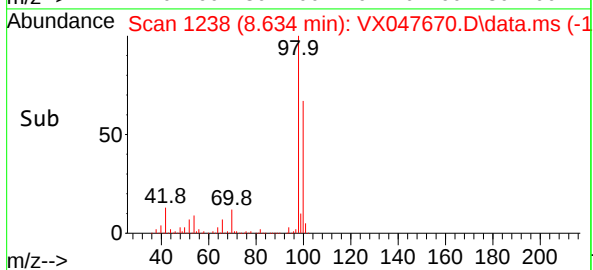
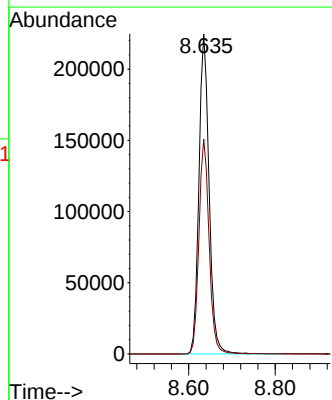
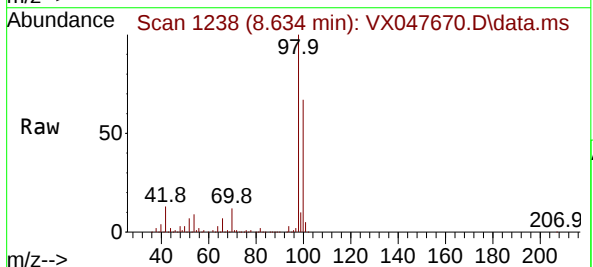
Instrument :
MSVOA_X
ClientSampleId :
DUP03-20250910

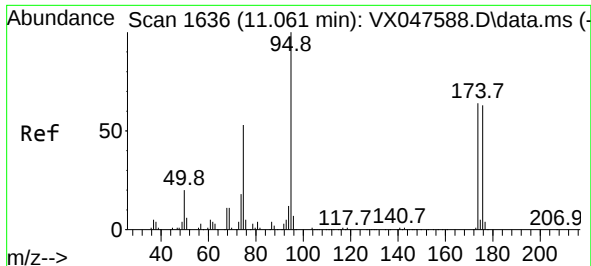
Tgt Ion:130 Resp: 1690
Ion Ratio Lower Upper
130 100
95 111.5 0.0 210.8



#50
Toluene-d8
Concen: 49.540 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047670.D
Acq: 19 Sep 2025 13:11

Tgt Ion: 98 Resp: 365698
Ion Ratio Lower Upper
98 100
100 67.2 53.0 79.4

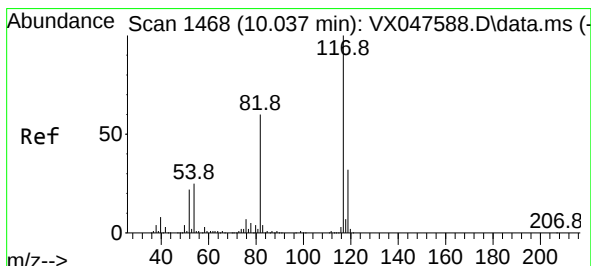
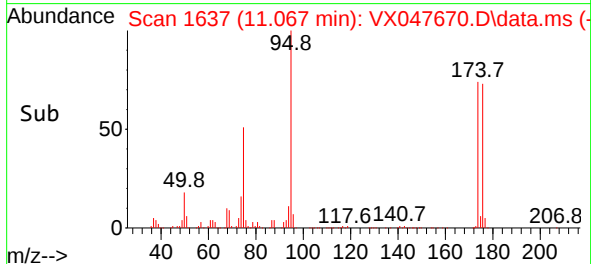
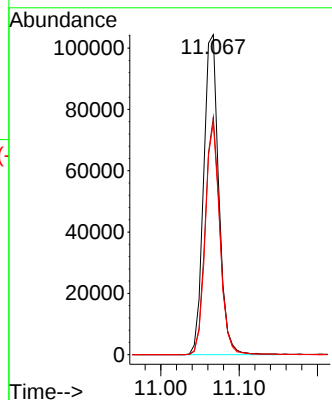
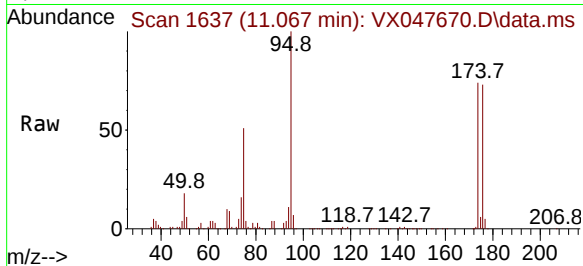




#62
4-Bromofluorobenzene
Concen: 49.905 ug/l
RT: 11.067 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX047670.D
Acq: 19 Sep 2025 13:11

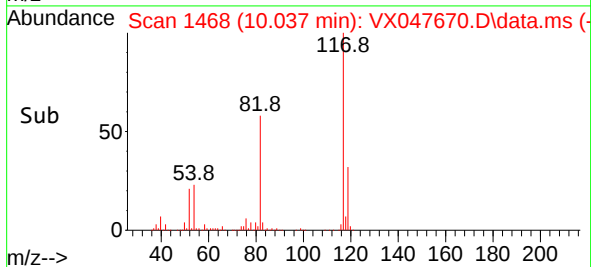
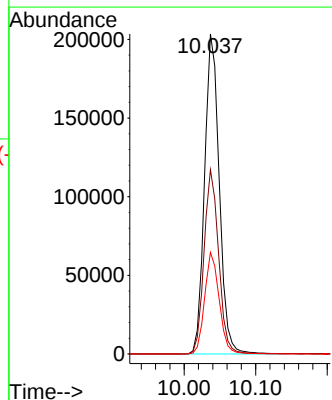
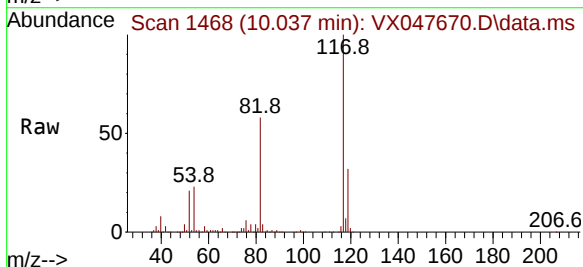
Instrument :
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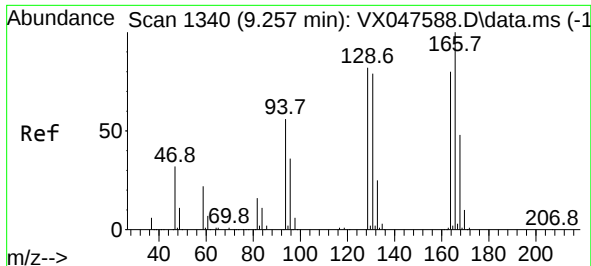
Tgt Ion: 95 Resp: 139811
Ion Ratio Lower Upper
95 100
174 72.0 0.0 141.6
176 69.5 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047670.D
Acq: 19 Sep 2025 13:11

Tgt Ion: 117 Resp: 291215
Ion Ratio Lower Upper
117 100
82 57.6 47.8 71.6
119 31.8 25.2 37.8



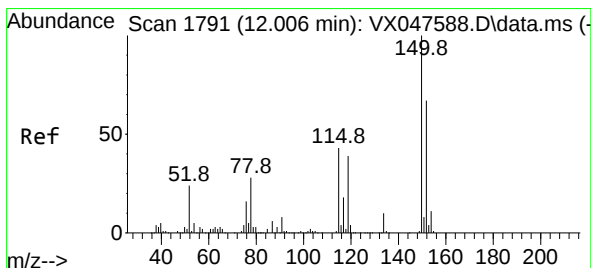
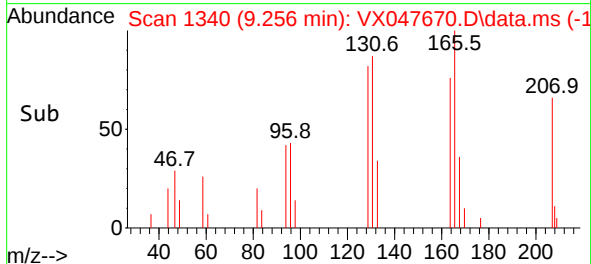
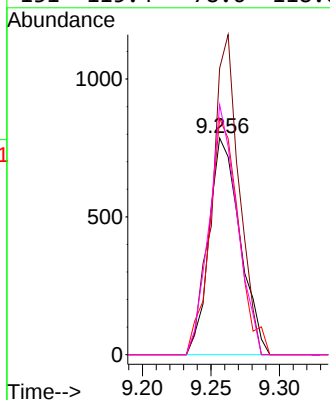
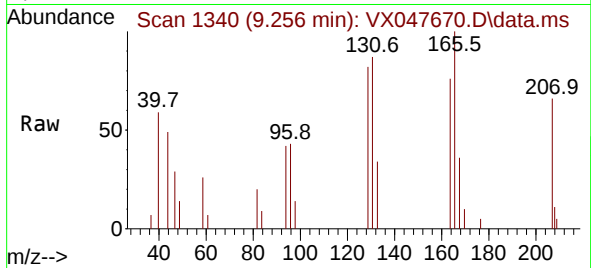


#64
Tetrachloroethene
Concen: 0.651 ug/l
RT: 9.256 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047670.D
Acq: 19 Sep 2025 13:11

Instrument :
MSVOA_X
ClientSampleId :
DUP03-20250910

Tgt Ion:164 Resp: 1236

Ion	Ratio	Lower	Upper
164	100		
166	132.2	100.2	150.2
129	109.0	81.8	122.6
131	115.4	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: VX047670.D
Acq: 19 Sep 2025 13:11

Tgt Ion:152 Resp: 140190

Ion	Ratio	Lower	Upper
152	100		
115	62.4	44.9	134.5
150	156.8	0.0	352.0

