

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091725\
 Data File : VX047626.D
 Acq On : 17 Sep 2025 17:58
 Operator : JC/MD
 Sample : Q3095-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW203D2-20250909

Quant Time: Sep 18 02:08:22 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)

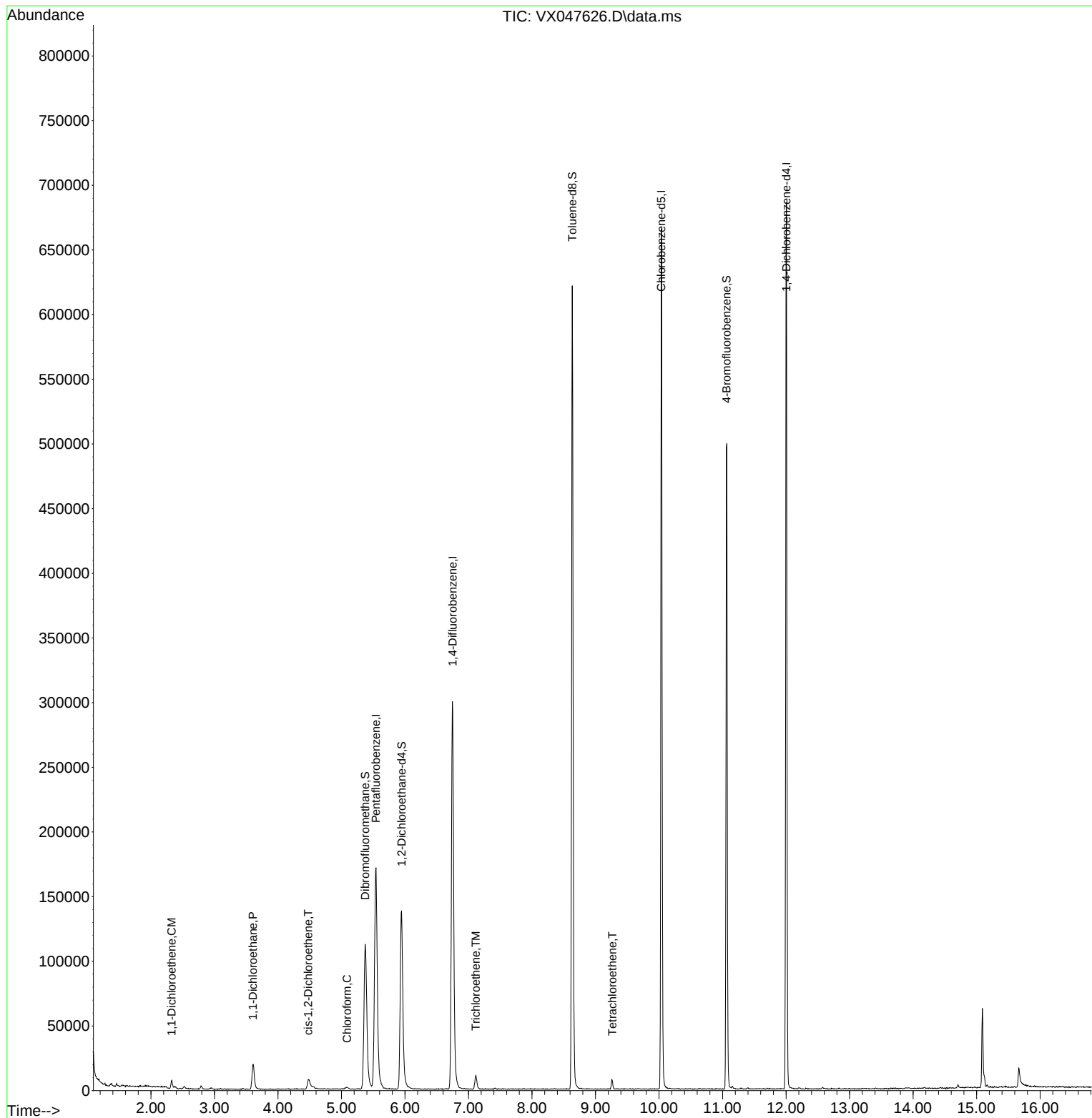
Internal Standards						
1) Pentafluorobenzene	5.544	168	171023	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	322993	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	293629	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	141573	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	149755	55.011	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 110.020%	
35) Dibromofluoromethane	5.373	113	111052	51.267	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.540%	
50) Toluene-d8	8.635	98	379589	50.643	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.280%	
62) 4-Bromofluorobenzene	11.061	95	147498	51.851	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 103.700%	
Target Compounds						
						Qvalue
12) 1,1-Dichloroethene	2.325	96	2365	1.164	ug/l	79
24) 1,1-Dichloroethane	3.605	63	25235	5.843	ug/l	94
27) cis-1,2-Dichloroethene	4.477	96	5410	2.019	ug/l	89
30) Chloroform	5.086	83	2003	0.459	ug/l	91
44) Trichloroethene	7.117	130	4409	1.897	ug/l	84
64) Tetrachloroethene	9.263	164	1492	0.779	ug/l #	86

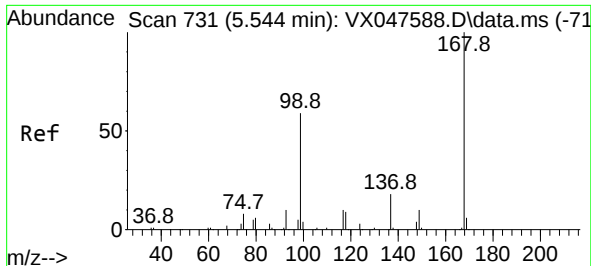
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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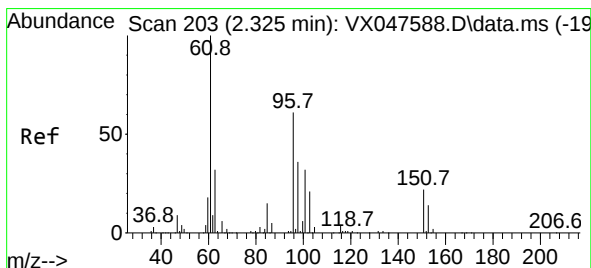
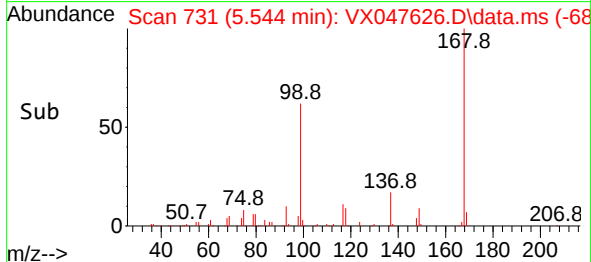
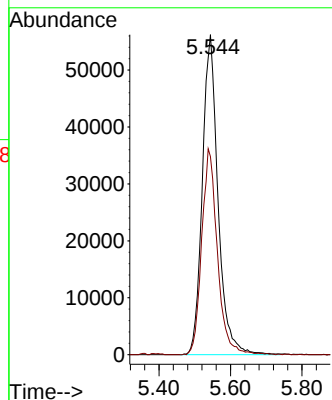
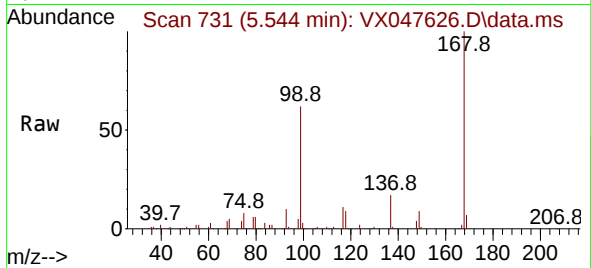




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047626.D
Acq: 17 Sep 2025 17:58

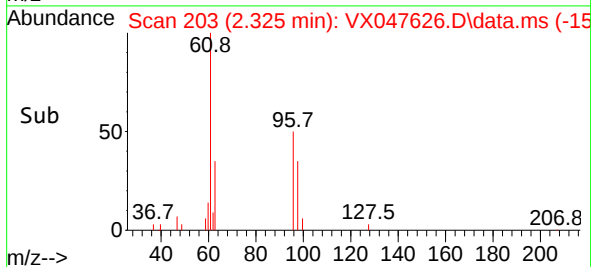
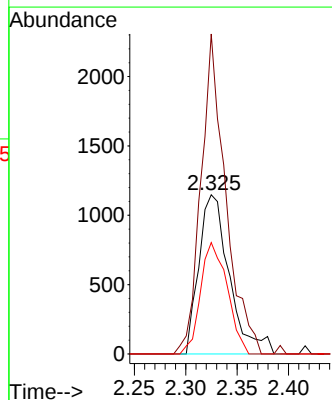
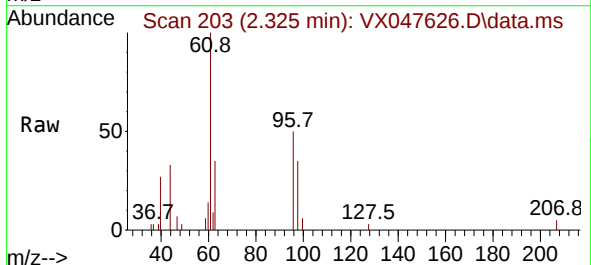
Instrument :
MSVOA_X
ClientSampleId :
MW203D2-20250909

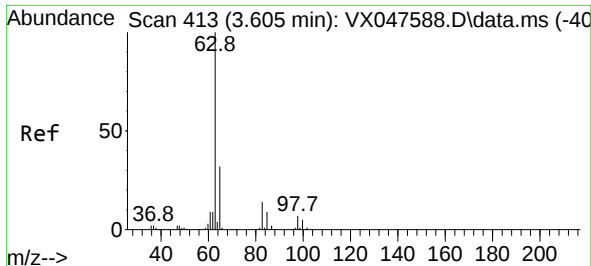
Tgt Ion:168 Resp: 171023
Ion Ratio Lower Upper
168 100
99 61.9 48.8 73.2



#12
1,1-Dichloroethene
Concen: 1.164 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX047626.D
Acq: 17 Sep 2025 17:58

Tgt Ion: 96 Resp: 2365
Ion Ratio Lower Upper
96 100
61 195.8 131.0 196.6
98 69.9 47.7 71.5

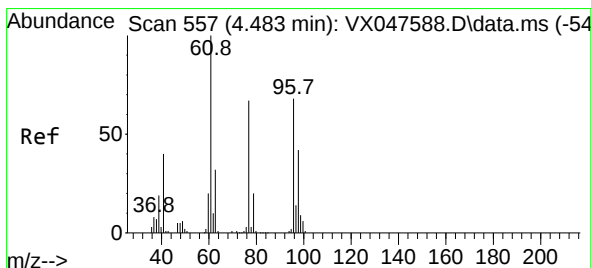
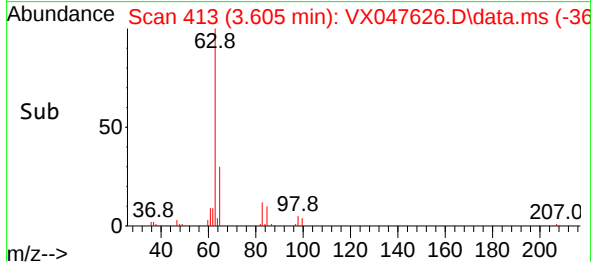
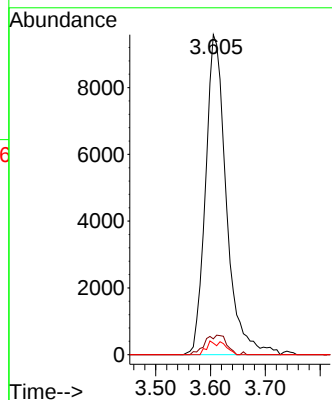
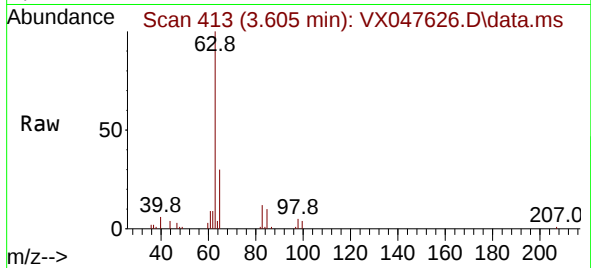




#24
1,1-Dichloroethane
Concen: 5.843 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX047626.D
Acq: 17 Sep 2025 17:58

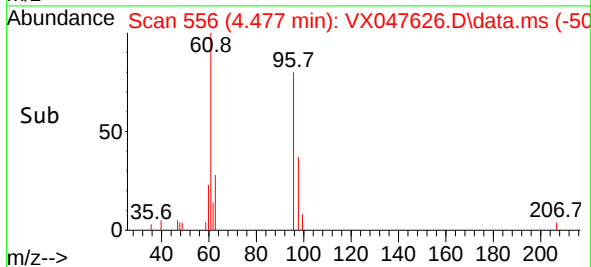
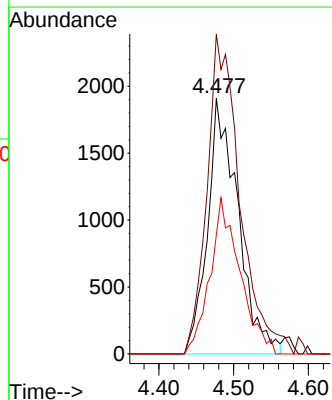
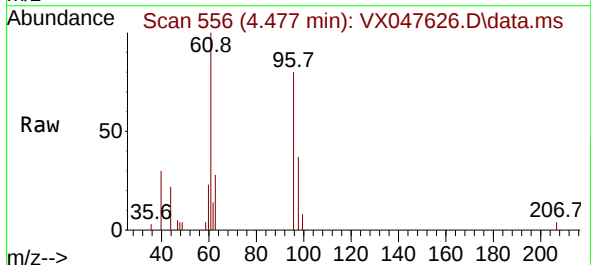
Instrument :
MSVOA_X
ClientSampleId :
MW203D2-20250909

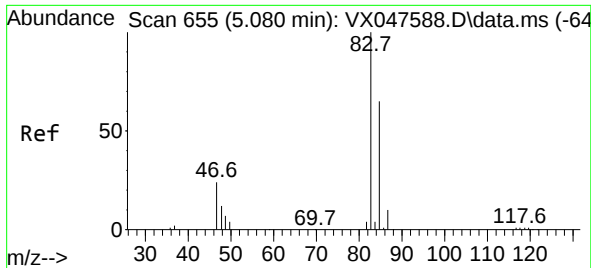
Tgt Ion:	63	Resp:	25235
Ion	Ratio	Lower	Upper
63	100		
98	5.0	3.8	11.2
100	3.6	2.3	6.9



#27
cis-1,2-Dichloroethene
Concen: 2.019 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.006 min
Lab File: VX047626.D
Acq: 17 Sep 2025 17:58

Tgt Ion:	96	Resp:	5410
Ion	Ratio	Lower	Upper
96	100		
61	134.9	0.0	303.2
98	60.0	0.0	127.8





#30

Chloroform

Concen: 0.459 ug/l

RT: 5.086 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX047626.D

Acq: 17 Sep 2025 17:58

Instrument :

MSVOA_X

ClientSampleId :

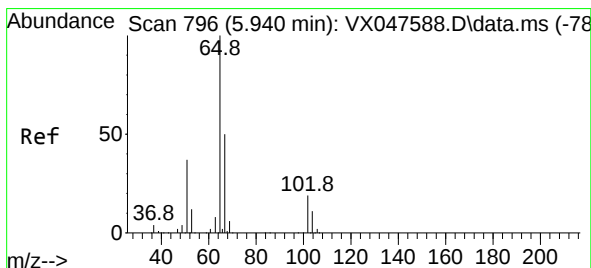
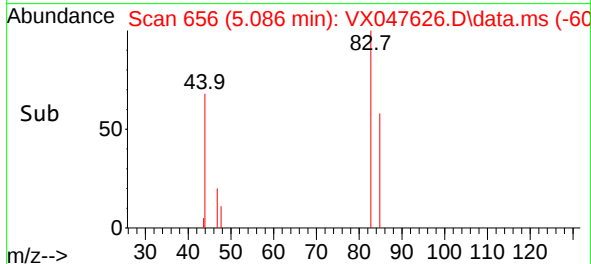
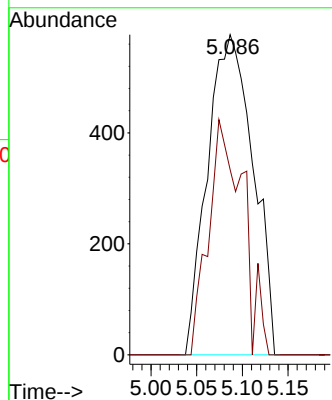
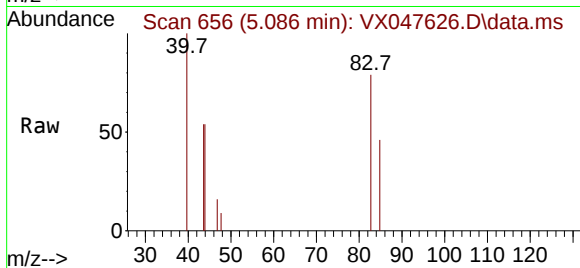
MW203D2-20250909

Tgt Ion: 83 Resp: 2003

Ion Ratio Lower Upper

83 100

85 57.9 51.8 77.6



#33

1,2-Dichloroethane-d4

Concen: 55.011 ug/l

RT: 5.946 min Scan# 797

Delta R.T. 0.006 min

Lab File: VX047626.D

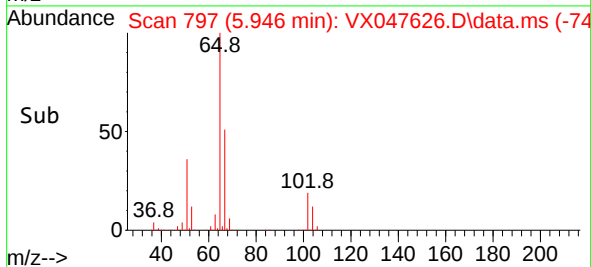
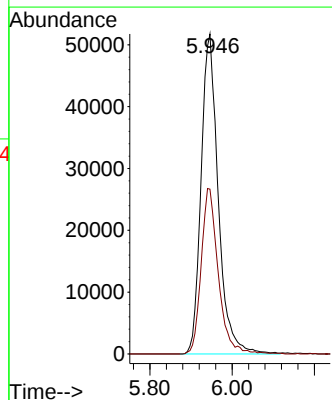
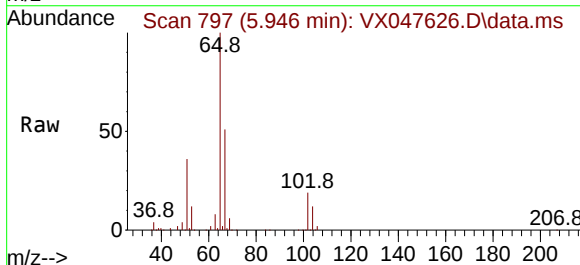
Acq: 17 Sep 2025 17:58

Tgt Ion: 65 Resp: 149755

Ion Ratio Lower Upper

65 100

67 51.5 0.0 103.0

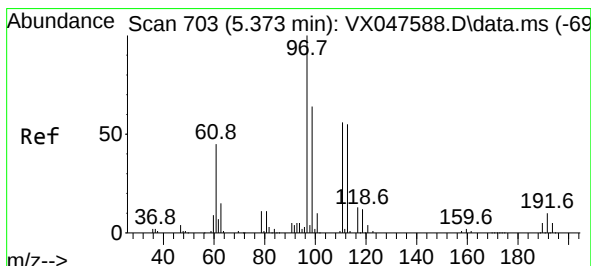
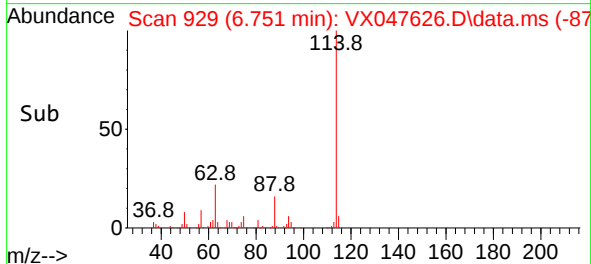
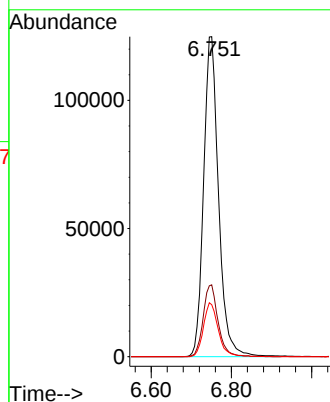
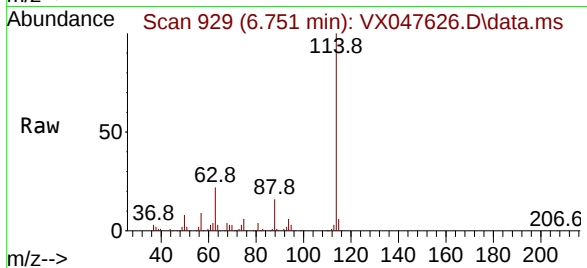




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047626.D
Acq: 17 Sep 2025 17:58

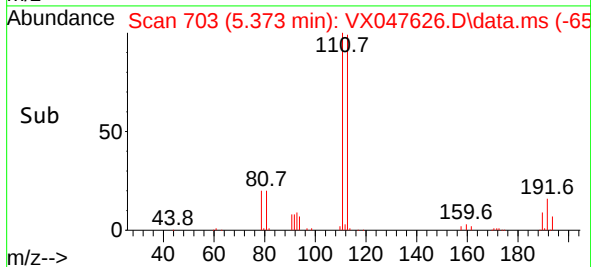
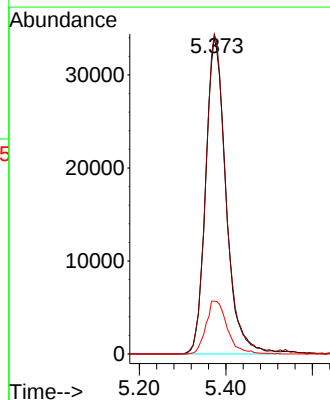
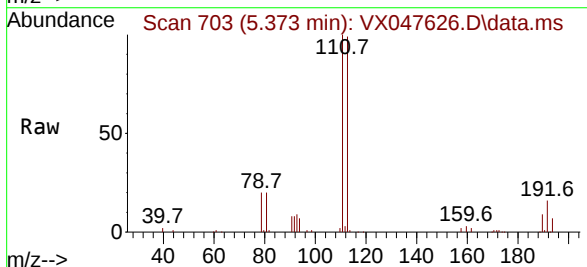
Instrument :
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ClientSampleId :
MW203D2-20250909

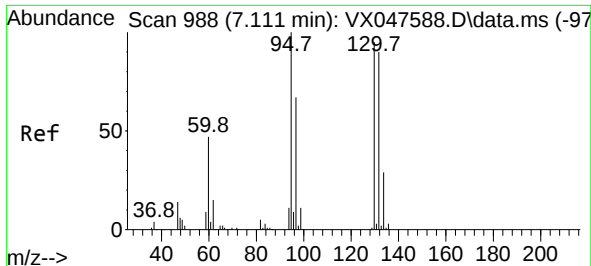
Tgt Ion:114 Resp: 322993
Ion Ratio Lower Upper
114 100
63 22.4 0.0 44.0
88 16.3 0.0 34.2



#35
Dibromofluoromethane
Concen: 51.267 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047626.D
Acq: 17 Sep 2025 17:58

Tgt Ion:113 Resp: 111052
Ion Ratio Lower Upper
113 100
111 100.8 80.9 121.3
192 17.5 14.2 21.4

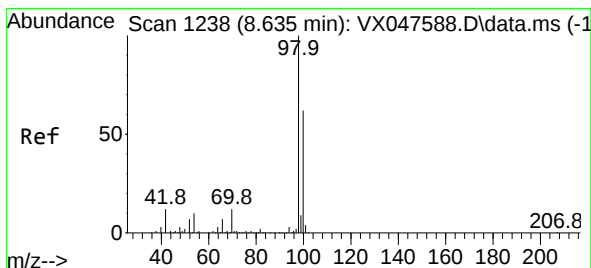
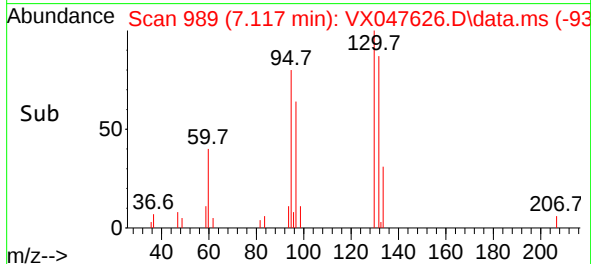
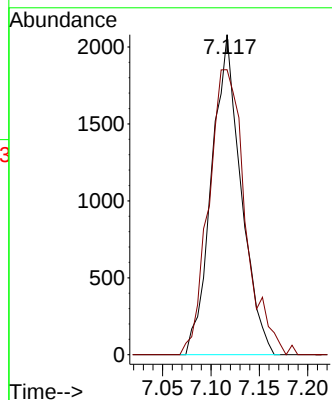
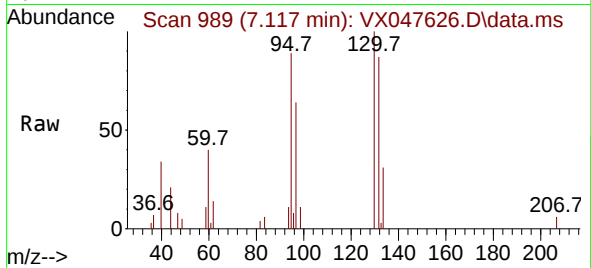




#44
Trichloroethene
Concen: 1.897 ug/l
RT: 7.117 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047626.D
Acq: 17 Sep 2025 17:58

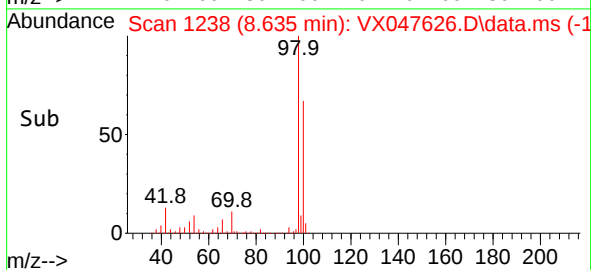
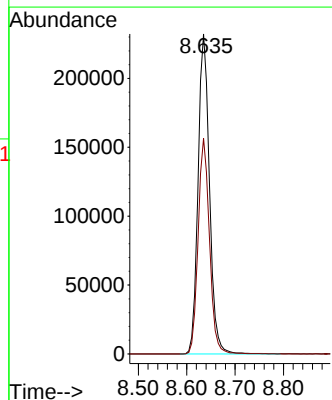
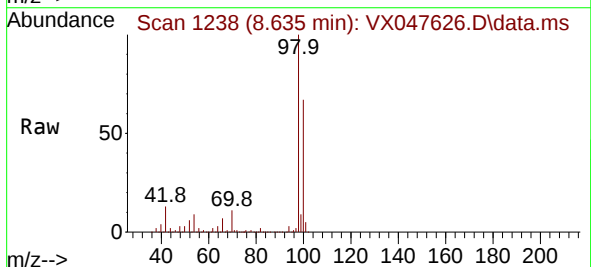
Instrument :
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ClientSampleId :
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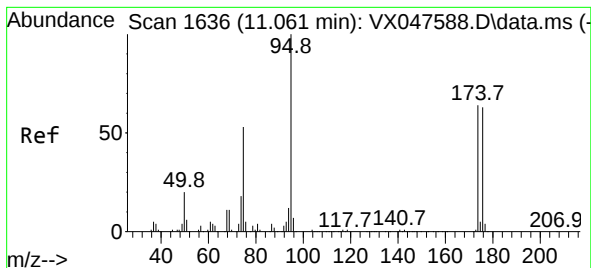
Tgt Ion:130 Resp: 4409
Ion Ratio Lower Upper
130 100
95 89.0 0.0 210.8



#50
Toluene-d8
Concen: 50.643 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047626.D
Acq: 17 Sep 2025 17:58

Tgt Ion: 98 Resp: 379589
Ion Ratio Lower Upper
98 100
100 67.1 53.0 79.4

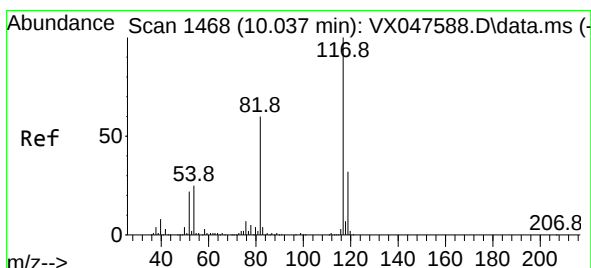
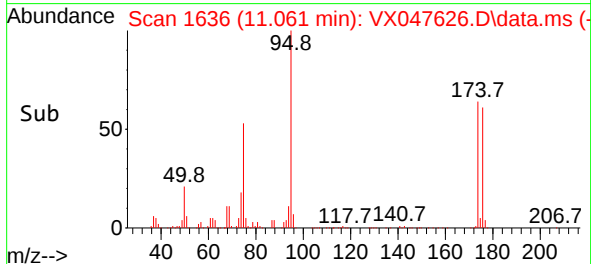
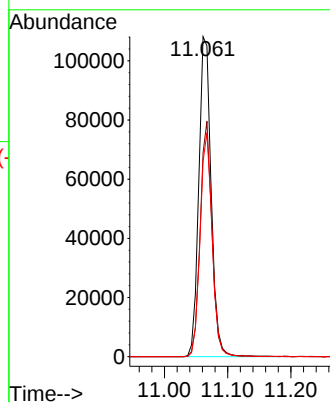
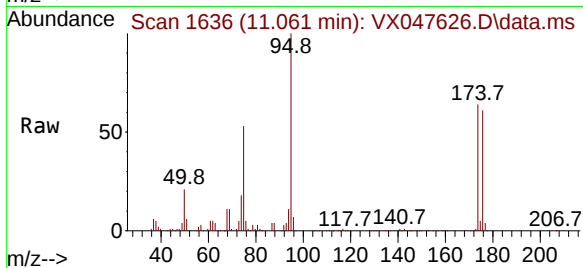




#62
4-Bromofluorobenzene
Concen: 51.851 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047626.D
Acq: 17 Sep 2025 17:58

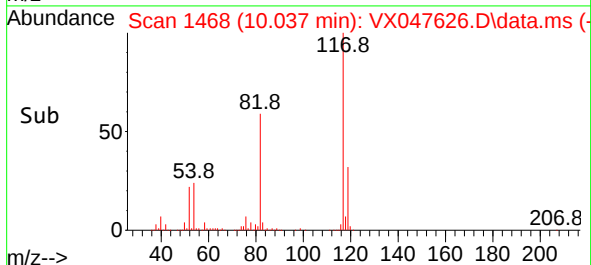
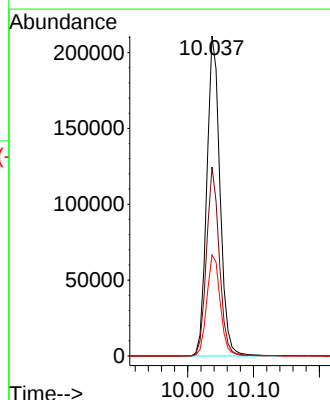
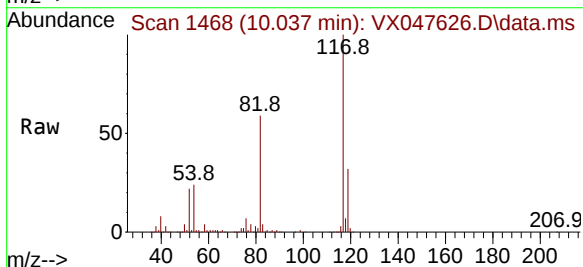
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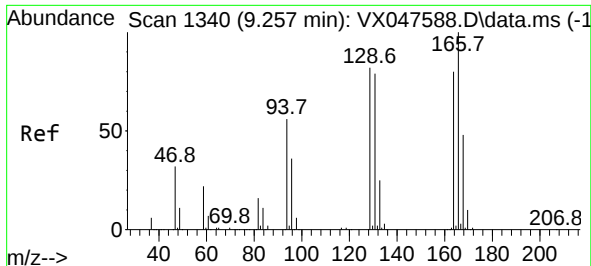
Tgt Ion: 95 Resp: 147498
Ion Ratio Lower Upper
95 100
174 70.1 0.0 141.6
176 68.0 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047626.D
Acq: 17 Sep 2025 17:58

Tgt Ion: 117 Resp: 293629
Ion Ratio Lower Upper
117 100
82 59.1 47.8 71.6
119 31.6 25.2 37.8

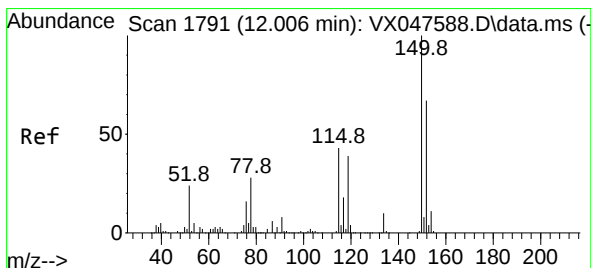
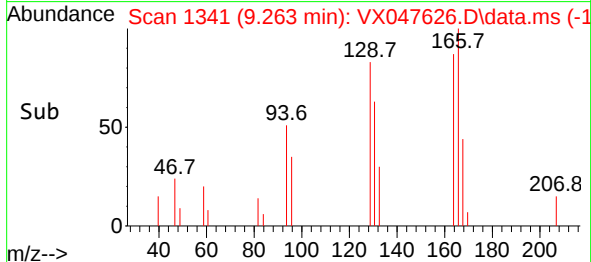
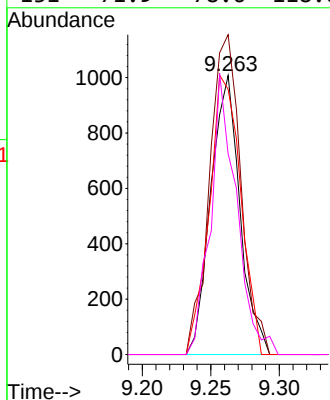
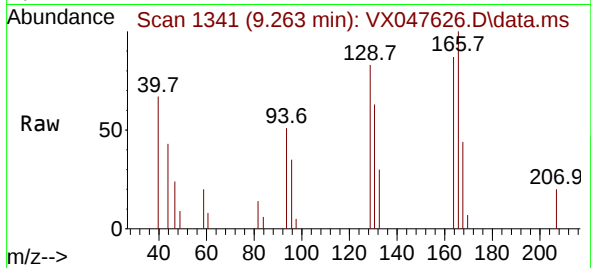




#64
Tetrachloroethene
Concen: 0.779 ug/l
RT: 9.263 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX047626.D
Acq: 17 Sep 2025 17:58

Instrument :
MSVOA_X
ClientSampleId :
MW203D2-20250909

Tgt Ion:164	Resp:	1492
Ion	Ratio	Lower Upper
164	100	
166	114.6	100.2 150.2
129	95.0	81.8 122.6
131	71.9	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: VX047626.D
Acq: 17 Sep 2025 17:58

Tgt Ion:152	Resp:	141573
Ion	Ratio	Lower Upper
152	100	
115	63.7	44.9 134.5
150	157.6	0.0 352.0

