

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100125\
 Data File : VX047941.D
 Acq On : 01 Oct 2025 15:30
 Operator : JC/MD
 Sample : Q3193-18
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW203D-20250923

Quant Time: Oct 03 01:24:15 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)

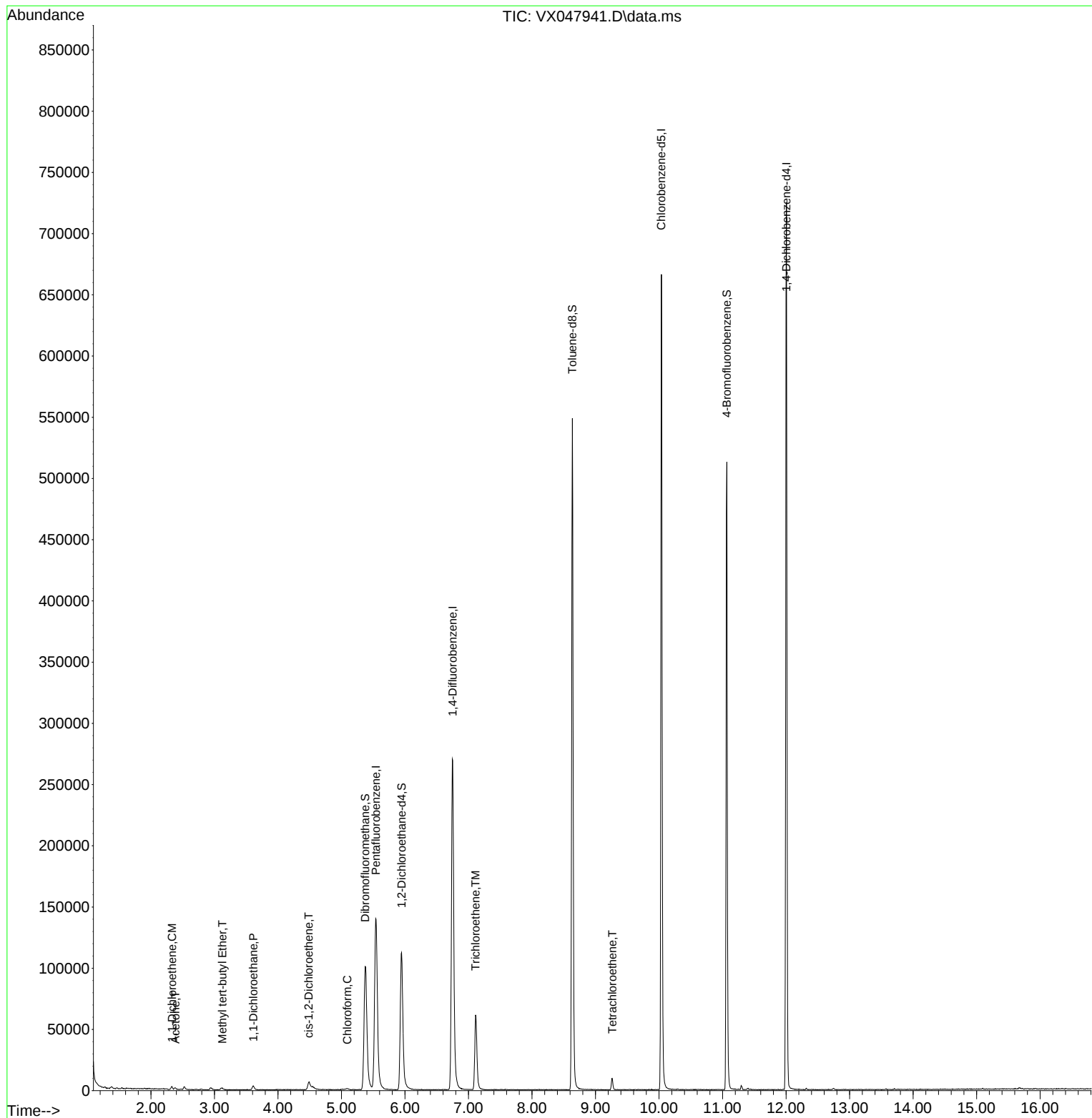
Internal Standards						
1) Pentafluorobenzene	5.544	168	142268	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	297268	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	304101	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	151044	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	122524	54.105	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 108.220%	
35) Dibromofluoromethane	5.373	113	99694	50.006	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.020%	
50) Toluene-d8	8.635	98	336034	48.712	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 97.420%	
62) 4-Bromofluorobenzene	11.067	95	144029	55.014	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 110.020%	
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.331	96	897	0.531	ug/l	79
16) Acetone	2.386	43	1883	1.912	ug/l #	82
19) Methyl tert-butyl Ether	3.123	73	1953	0.317	ug/l	92
24) 1,1-Dichloroethane	3.611	63	4216	1.173	ug/l #	85
27) cis-1,2-Dichloroethene	4.483	96	4851	2.177	ug/l	88
30) Chloroform	5.093	83	1166	0.321	ug/l	97
44) Trichloroethene	7.110	130	26386	12.335	ug/l	93
64) Tetrachloroethene	9.263	164	1731	0.873	ug/l	91

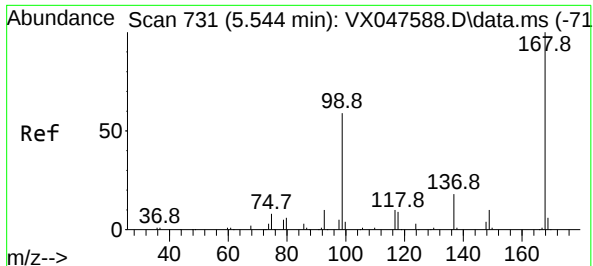
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 03 01:24:15 2025
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Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
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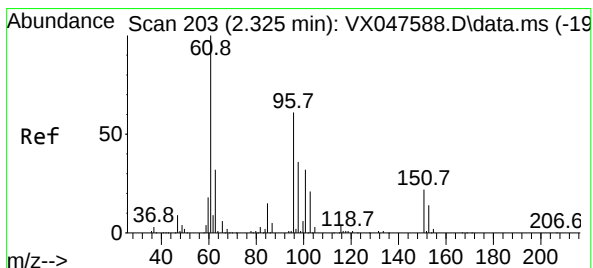
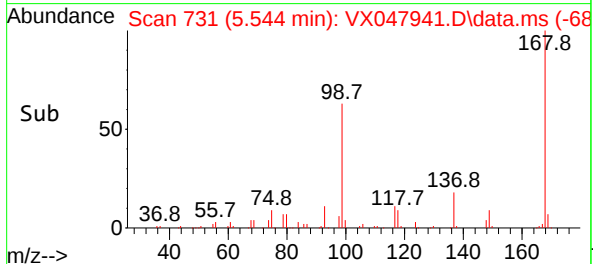
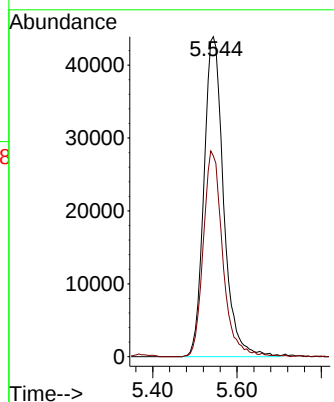
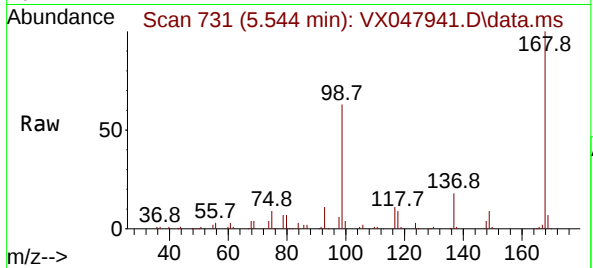




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047941.D
Acq: 01 Oct 2025 15:30

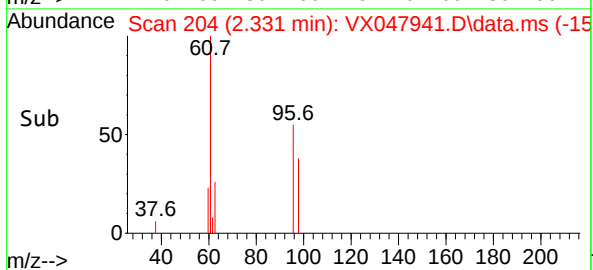
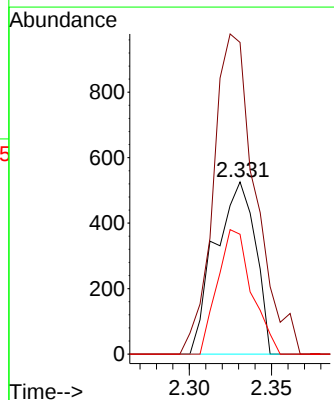
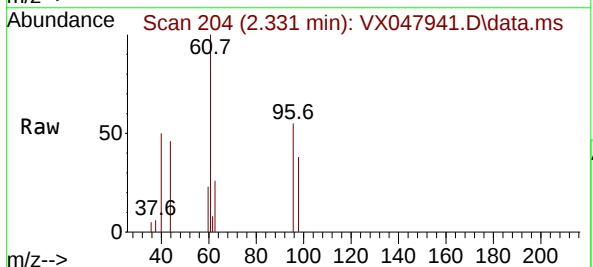
Instrument :
MSVOA_X
ClientSampleId :
MW203D-20250923

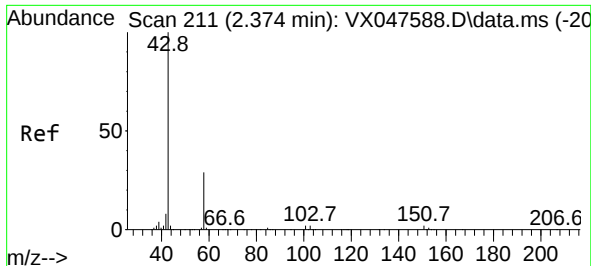
Tgt Ion:168 Resp: 142268
Ion Ratio Lower Upper
168 100
99 62.7 48.8 73.2



#12
1,1-Dichloroethene
Concen: 0.531 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX047941.D
Acq: 01 Oct 2025 15:30

Tgt Ion: 96 Resp: 897
Ion Ratio Lower Upper
96 100
61 195.4 131.0 196.6
98 69.6 47.7 71.5

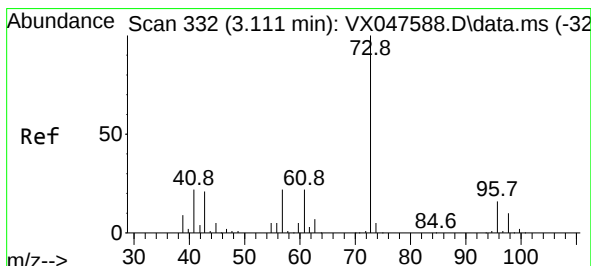
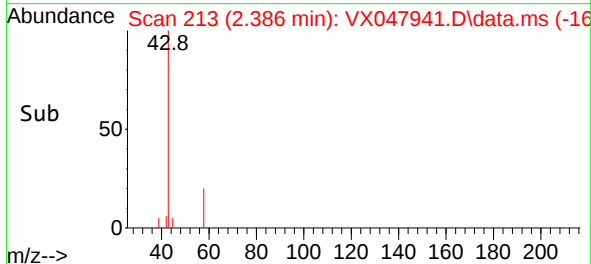
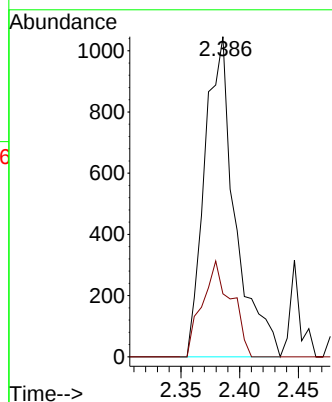
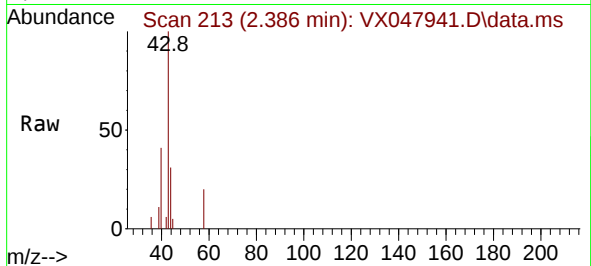




#16
Acetone
Concen: 1.912 ug/l
RT: 2.386 min Scan# 211
Delta R.T. 0.012 min
Lab File: VX047941.D
Acq: 01 Oct 2025 15:30

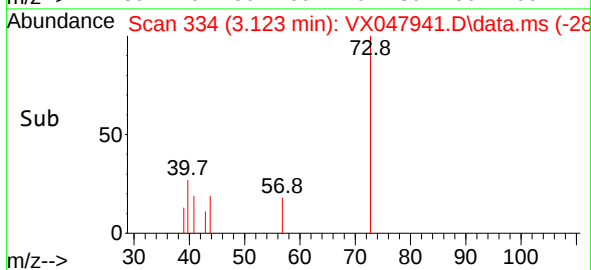
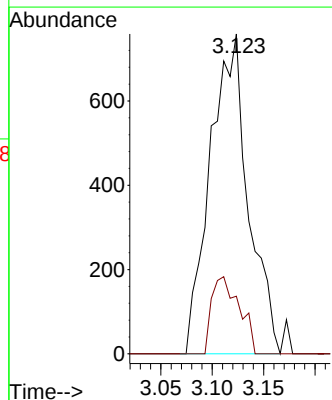
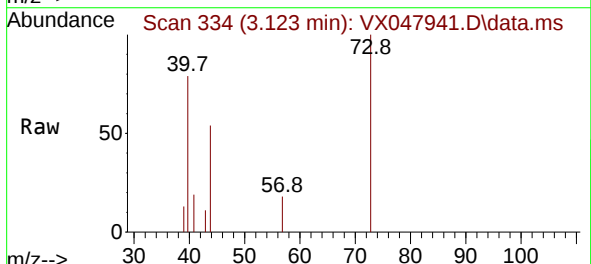
Instrument :
MSVOA_X
ClientSampleId :
MW203D-20250923

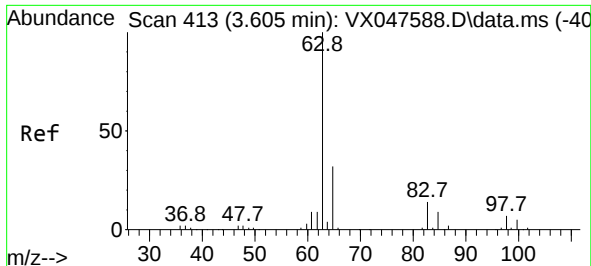
Tgt Ion: 43 Resp: 1883
Ion Ratio Lower Upper
43 100
58 19.7 23.4 35.0#



#19
Methyl tert-butyl Ether
Concen: 0.317 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.012 min
Lab File: VX047941.D
Acq: 01 Oct 2025 15:30

Tgt Ion: 73 Resp: 1953
Ion Ratio Lower Upper
73 100
57 18.1 17.4 26.2

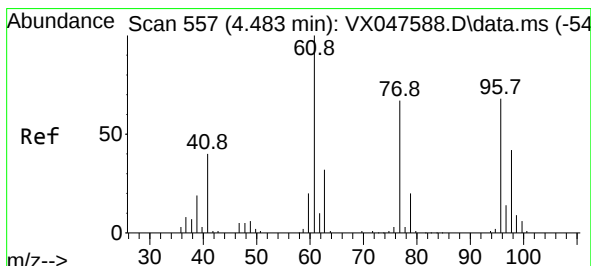
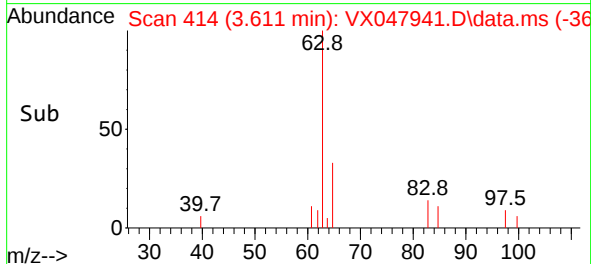
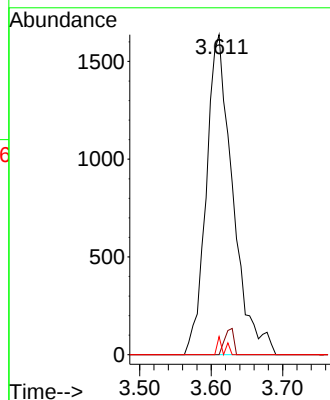
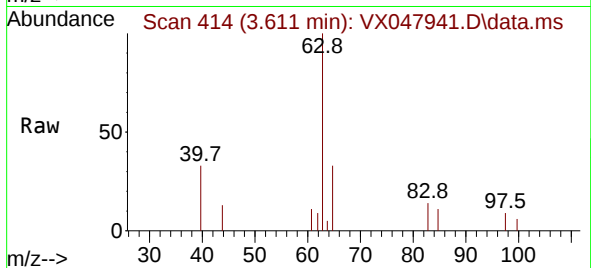




#24
1,1-Dichloroethane
Concen: 1.173 ug/l
RT: 3.611 min Scan# 41
Delta R.T. 0.006 min
Lab File: VX047941.D
Acq: 01 Oct 2025 15:30

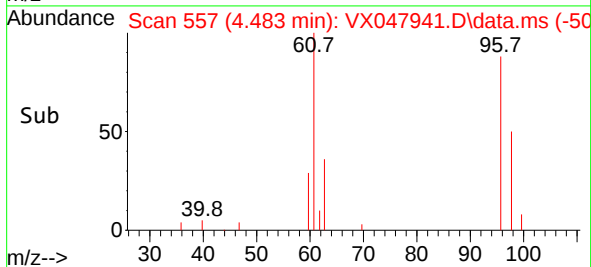
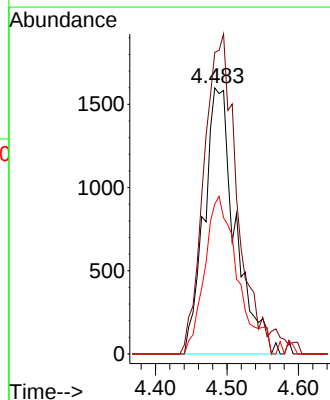
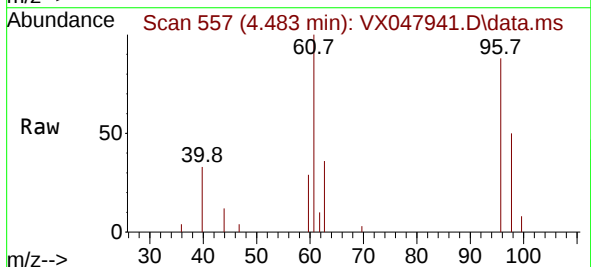
Instrument :
MSVOA_X
ClientSampleId :
MW203D-20250923

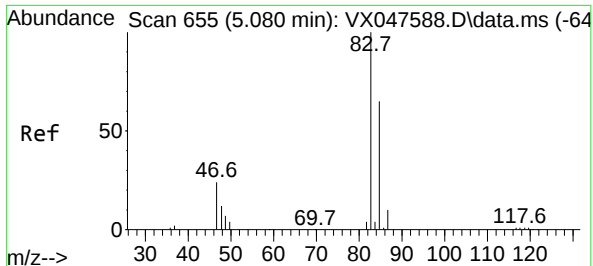
Tgt Ion: 63 Resp: 4216
Ion Ratio Lower Upper
63 100
98 0.0 3.8 11.2#
100 5.7 2.3 6.9



#27
cis-1,2-Dichloroethene
Concen: 2.177 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.000 min
Lab File: VX047941.D
Acq: 01 Oct 2025 15:30

Tgt Ion: 96 Resp: 4851
Ion Ratio Lower Upper
96 100
61 131.1 0.0 303.2
98 62.6 0.0 127.8





#30

Chloroform

Concen: 0.321 ug/l

RT: 5.093 min Scan# 61

Delta R.T. 0.012 min

Lab File: VX047941.D

Acq: 01 Oct 2025 15:30

Instrument :

MSVOA_X

ClientSampleId :

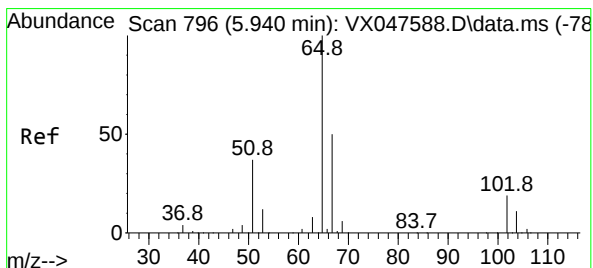
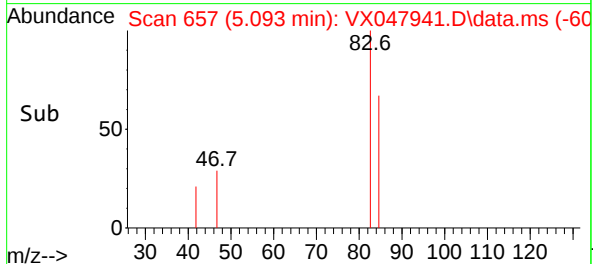
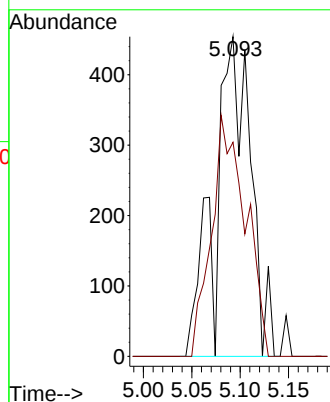
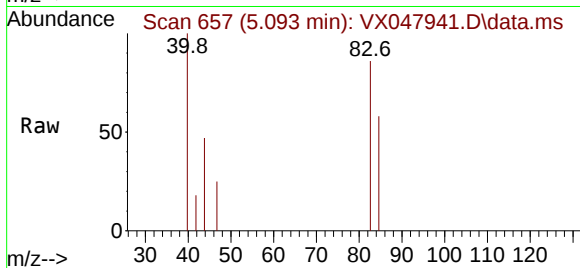
MW203D-20250923

Tgt Ion: 83 Resp: 1166

Ion Ratio Lower Upper

83 100

85 67.0 51.8 77.6



#33

1,2-Dichloroethane-d4

Concen: 54.105 ug/l

RT: 5.946 min Scan# 797

Delta R.T. 0.006 min

Lab File: VX047941.D

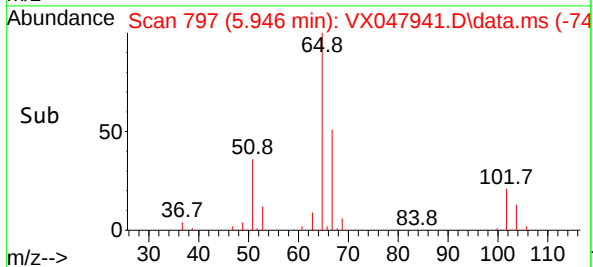
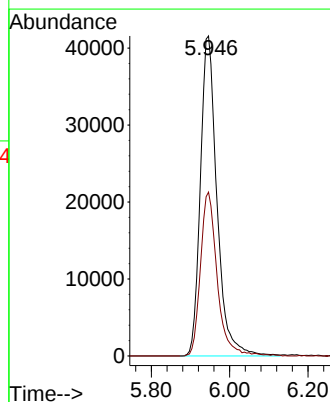
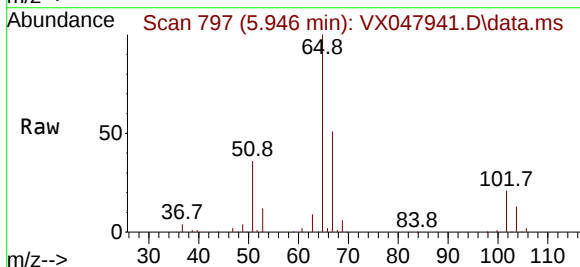
Acq: 01 Oct 2025 15:30

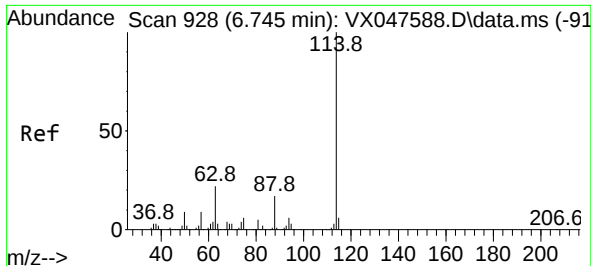
Tgt Ion: 65 Resp: 122524

Ion Ratio Lower Upper

65 100

67 51.5 0.0 103.0

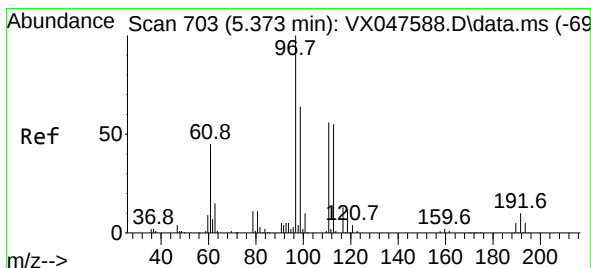
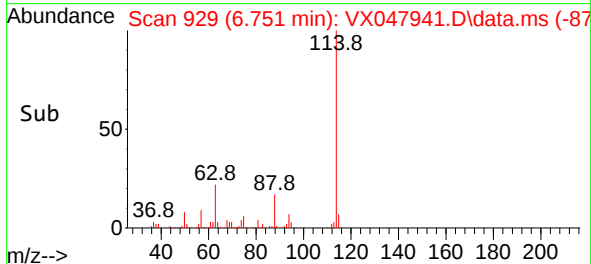
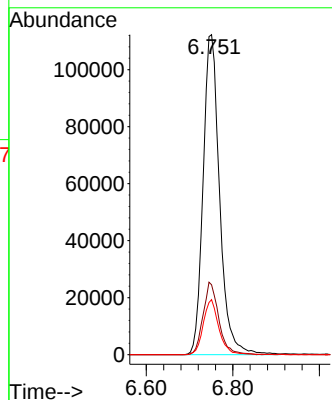
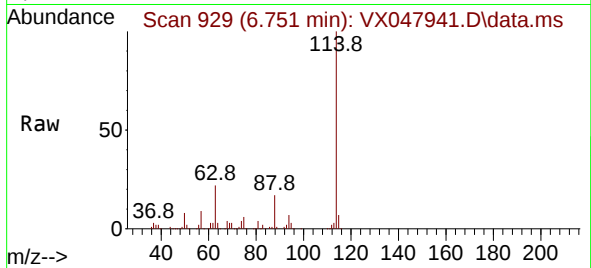




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047941.D
Acq: 01 Oct 2025 15:30

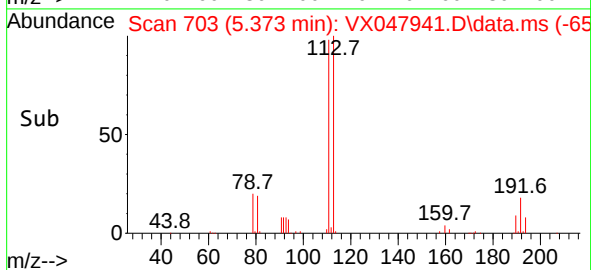
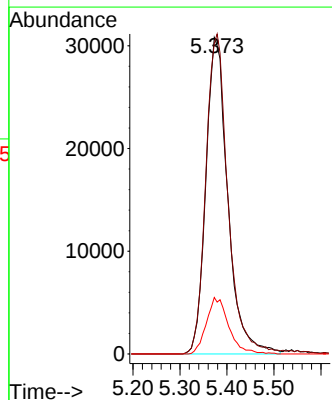
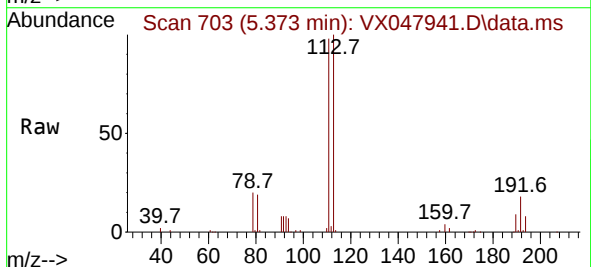
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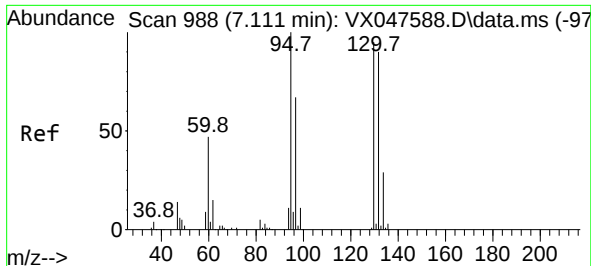
Tgt Ion:114 Resp: 297268
Ion Ratio Lower Upper
114 100
63 21.8 0.0 44.0
88 17.2 0.0 34.2



#35
Dibromofluoromethane
Concen: 50.006 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047941.D
Acq: 01 Oct 2025 15:30

Tgt Ion:113 Resp: 99694
Ion Ratio Lower Upper
113 100
111 103.0 80.9 121.3
192 18.2 14.2 21.4

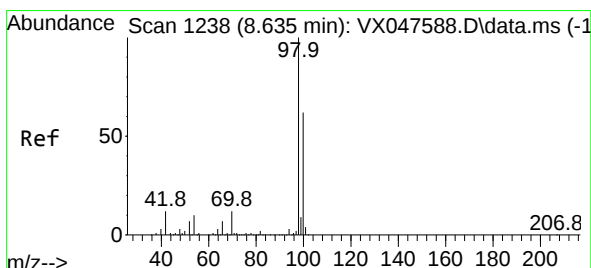
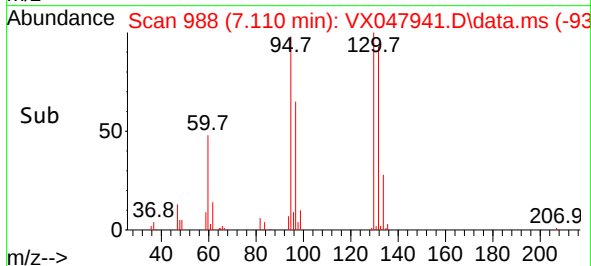
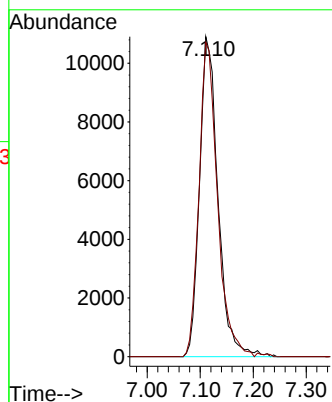
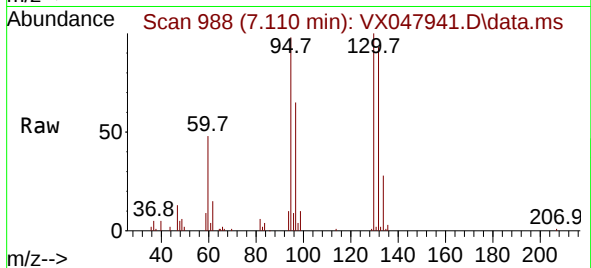




#44
Trichloroethene
Concen: 12.335 ug/l
RT: 7.110 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX047941.D
Acq: 01 Oct 2025 15:30

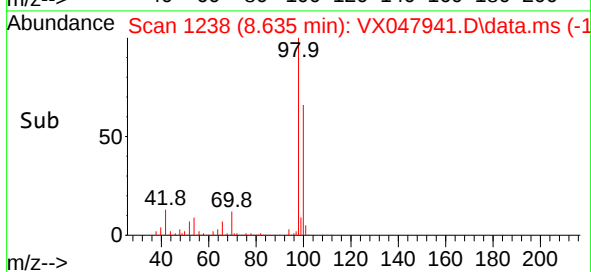
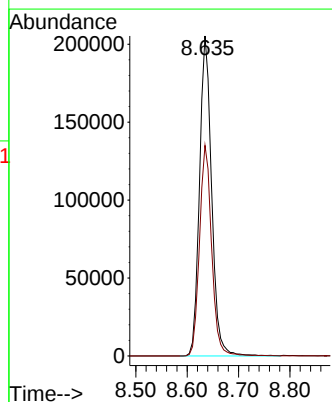
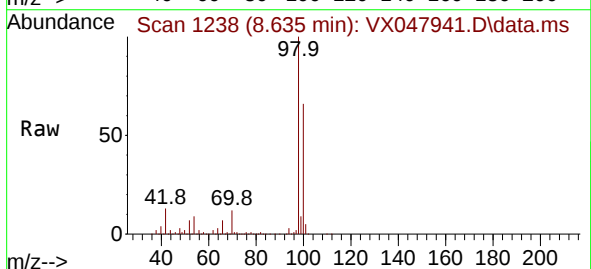
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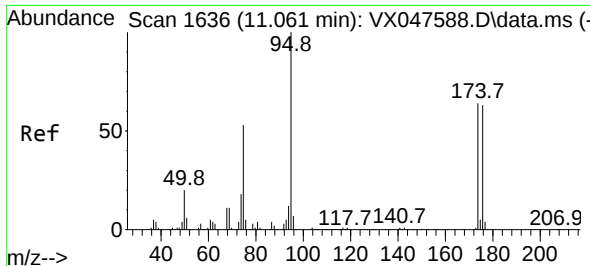
Tgt Ion:130 Resp: 26386
Ion Ratio Lower Upper
130 100
95 98.2 0.0 210.8



#50
Toluene-d8
Concen: 48.712 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047941.D
Acq: 01 Oct 2025 15:30

Tgt Ion: 98 Resp: 336034
Ion Ratio Lower Upper
98 100
100 66.2 53.0 79.4

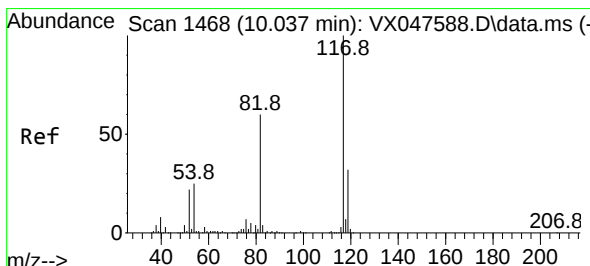
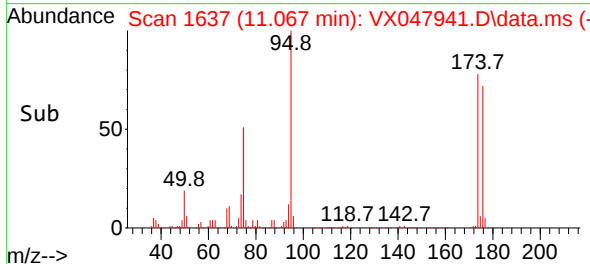
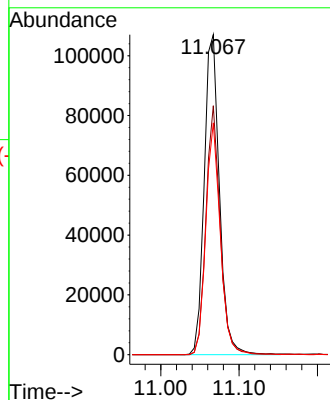
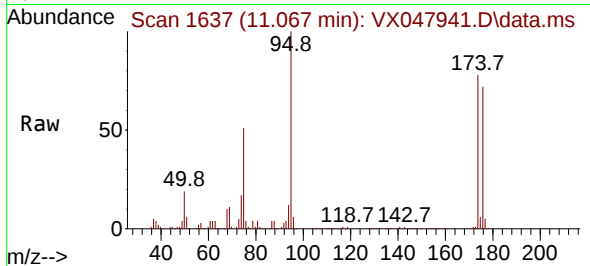




#62
4-Bromofluorobenzene
Concen: 55.014 ug/l
RT: 11.067 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047941.D
Acq: 01 Oct 2025 15:30

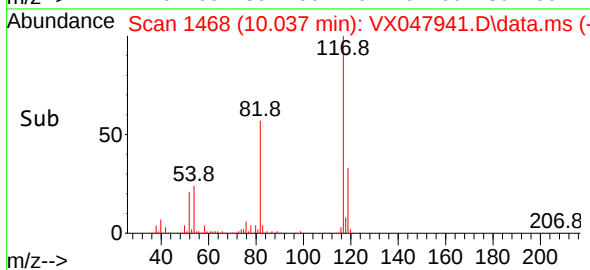
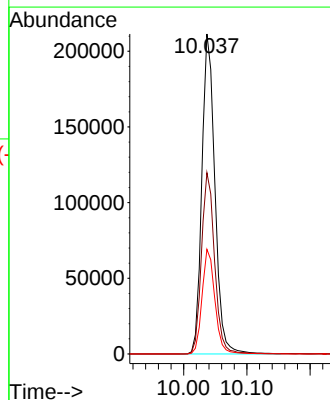
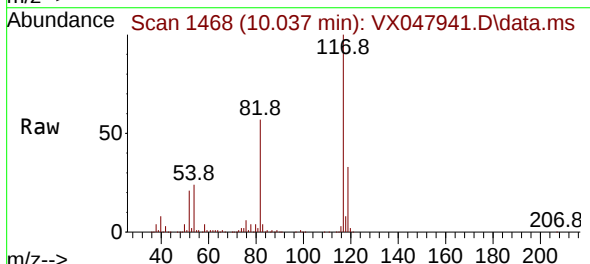
Instrument :
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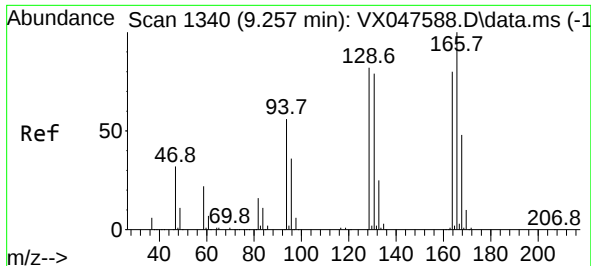
Tgt Ion: 95 Resp: 144029
Ion Ratio Lower Upper
95 100
174 72.9 0.0 141.6
176 69.1 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047941.D
Acq: 01 Oct 2025 15:30

Tgt Ion: 117 Resp: 304101
Ion Ratio Lower Upper
117 100
82 56.7 47.8 71.6
119 32.7 25.2 37.8



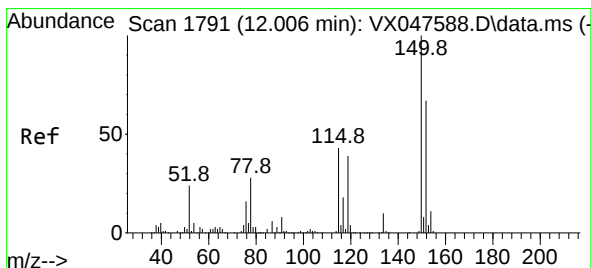
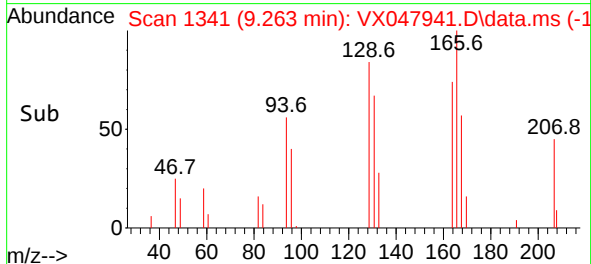
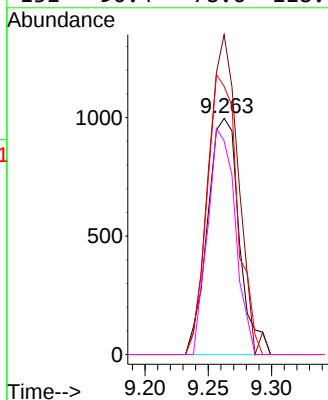
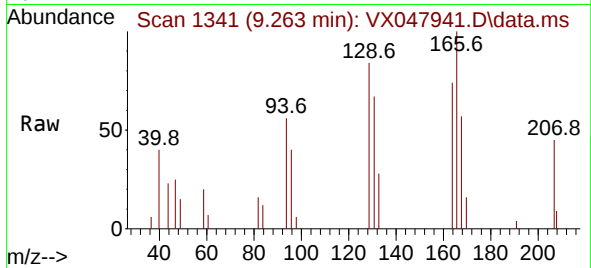


#64
Tetrachloroethene
Concen: 0.873 ug/l
RT: 9.263 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX047941.D
Acq: 01 Oct 2025 15:30

Instrument :
MSVOA_X
ClientSampleId :
MW203D-20250923

Tgt Ion:164 Resp: 1731

Ion	Ratio	Lower	Upper
164	100		
166	135.4	100.2	150.2
129	113.5	81.8	122.6
131	90.4	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: VX047941.D
Acq: 01 Oct 2025 15:30

Tgt Ion:152 Resp: 151044

Ion	Ratio	Lower	Upper
152	100		
115	62.1	44.9	134.5
150	158.4	0.0	352.0

