

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120525\
 Data File : VX048739.D
 Acq On : 05 Dec 2025 16:15
 Operator : JC/MD
 Sample : Q3789-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAGEMENT

Quant Time: Dec 05 22:07:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 05 03:27:34 2025
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

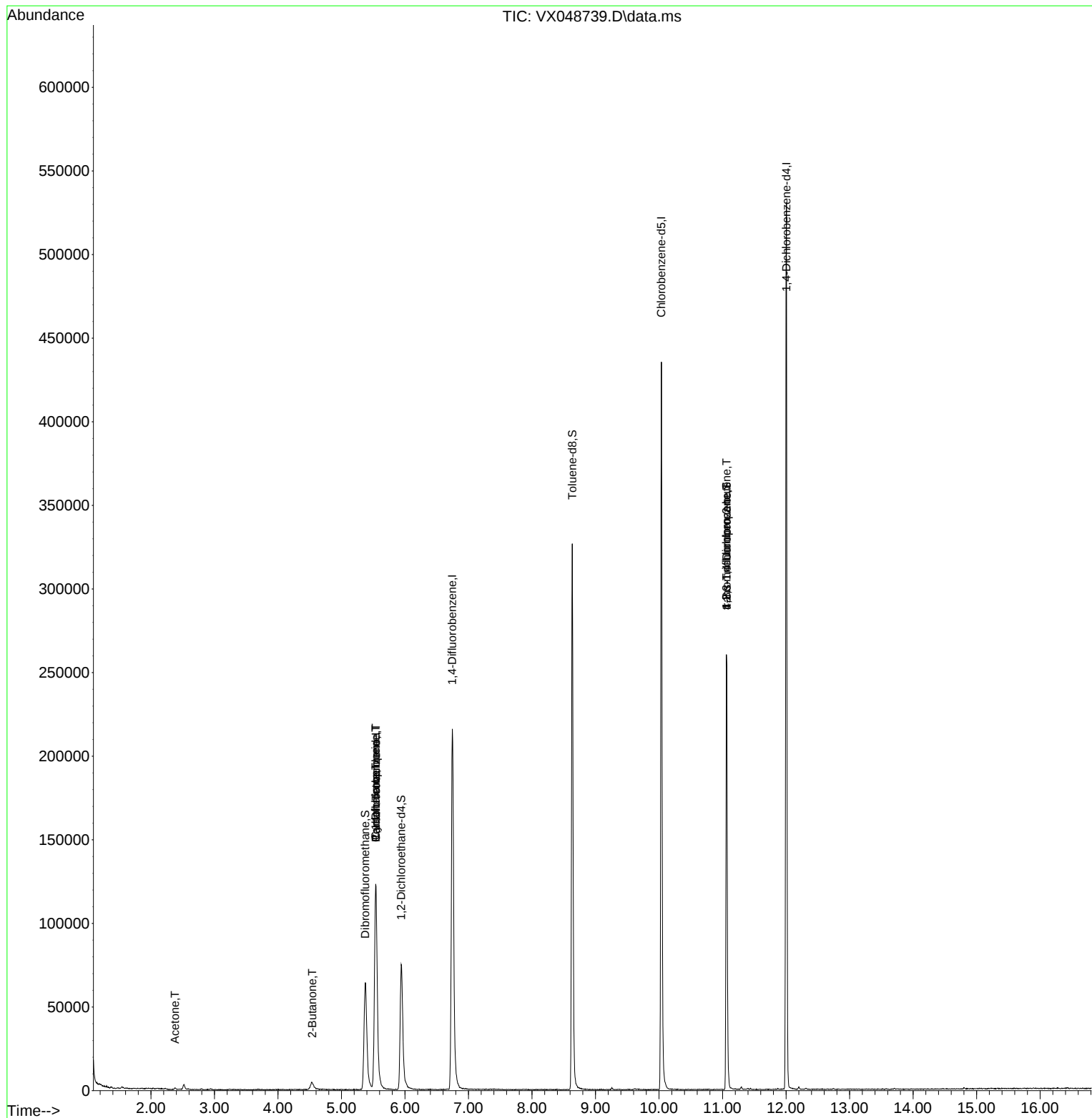
Internal Standards						
1) Pentafluorobenzene	5.544	168	125192	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	241785	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	202976	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	117285	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	85344	50.791	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 101.580%		
35) Dibromofluoromethane	5.373	113	62676	37.648	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 75.300%		
50) Toluene-d8	8.634	98	207366	35.535	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 71.060%#		
62) 4-Bromofluorobenzene	11.061	95	73550	36.550	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 73.100%#		
Target Compounds						
					Qvalue	
16) Acetone	2.379	43	1530	2.379	ug/l	91
25) 2-Butanone	4.538	43	196	0.206	ug/l #	46
31) Cyclohexane	5.537	56	2826	1.244	ug/l #	37
36) 1,1-Dichloropropene	5.537	75	10276	4.507	ug/l #	45
38) Carbon Tetrachloride	5.544	117	13319	5.157	ug/l #	13
76) 1,2,3-Trichloropropane	11.061	75	38902	17.808	ug/l #	30
81) trans-1,4-Dichloro-2-b...	11.061	75	38902	42.302	ug/l #	3
95) Naphthalene	13.768	128	212	Below Cal	#	69

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

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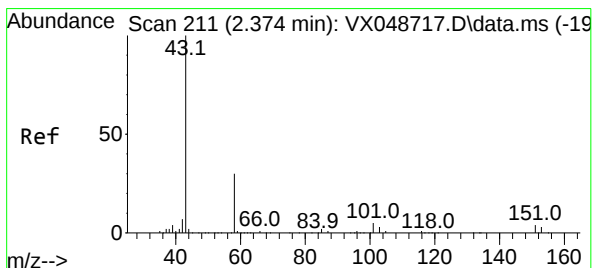
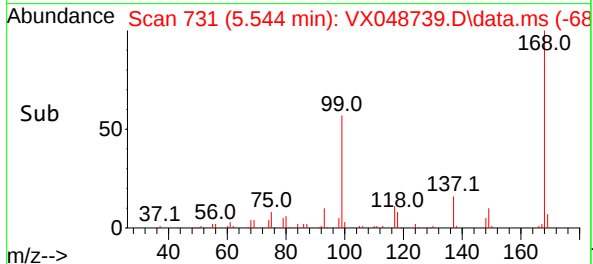
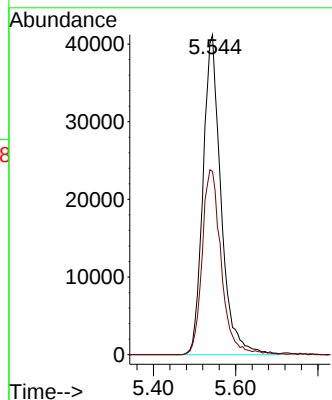
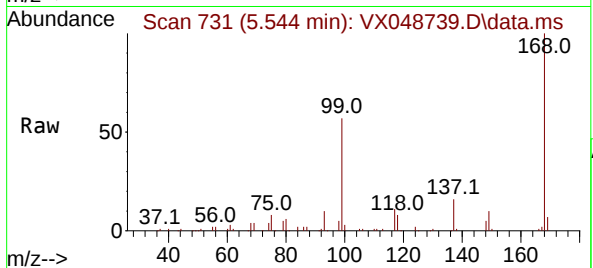




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX048739.D
Acq: 05 Dec 2025 16:15

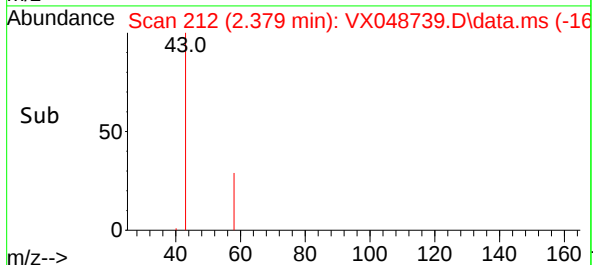
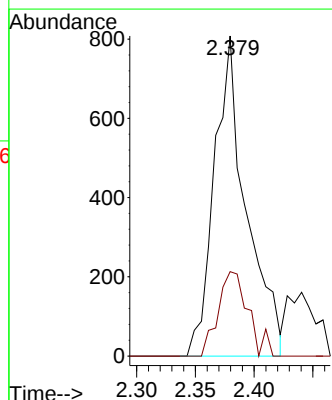
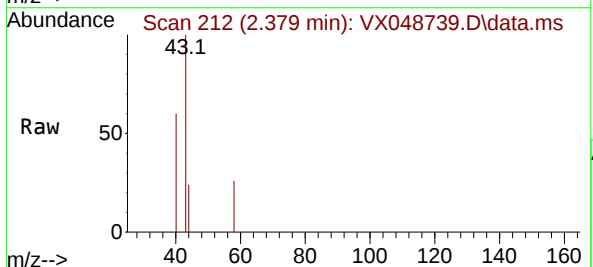
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

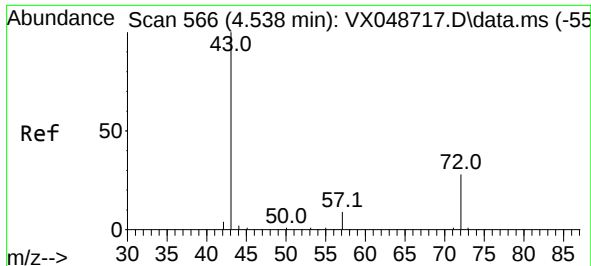
Tgt Ion:168 Resp: 125192
Ion Ratio Lower Upper
168 100
99 57.2 44.2 66.4



#16
Acetone
Concen: 2.379 ug/l
RT: 2.379 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048739.D
Acq: 05 Dec 2025 16:15

Tgt Ion: 43 Resp: 1530
Ion Ratio Lower Upper
43 100
58 26.4 25.0 37.4

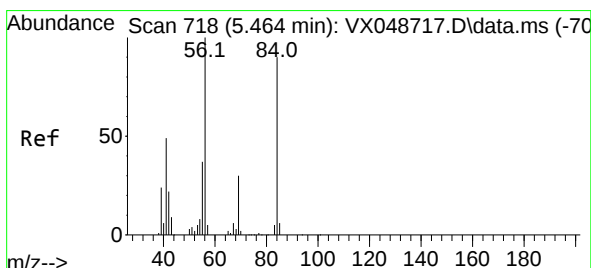
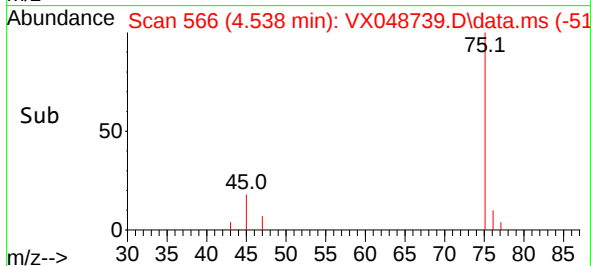
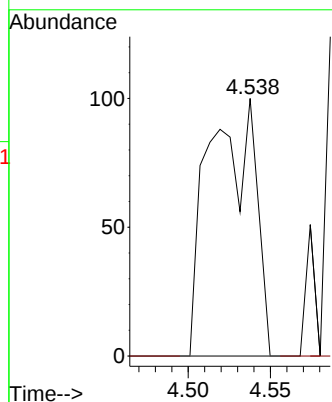
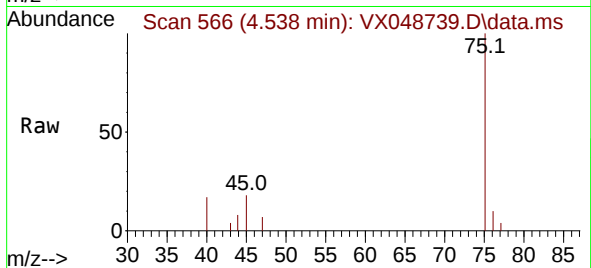




#25
2-Butanone
Concen: 0.206 ug/l
RT: 4.538 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX048739.D
Acq: 05 Dec 2025 16:15

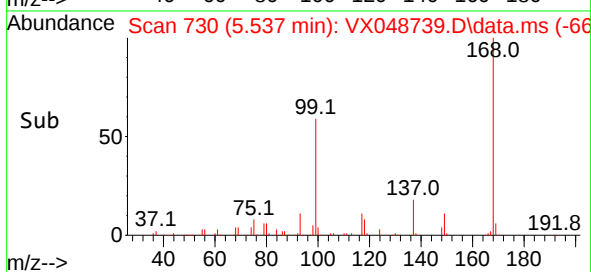
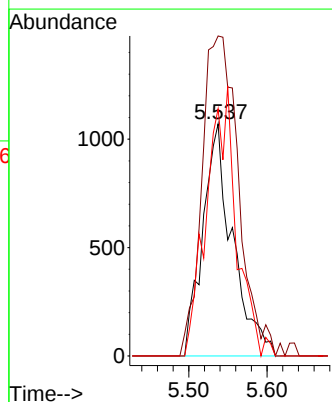
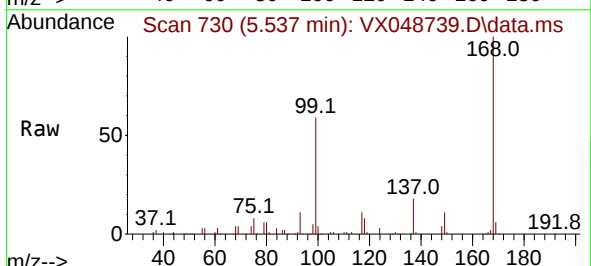
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

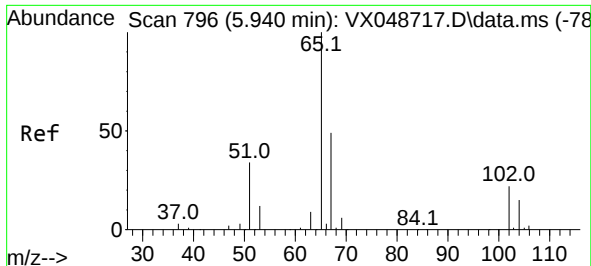
Tgt Ion: 43 Resp: 196
Ion Ratio Lower Upper
43 100
72 0.0 22.6 34.0#



#31
Cyclohexane
Concen: 1.244 ug/l
RT: 5.537 min Scan# 730
Delta R.T. 0.073 min
Lab File: VX048739.D
Acq: 05 Dec 2025 16:15

Tgt Ion: 56 Resp: 2826
Ion Ratio Lower Upper
56 100
69 137.8 24.2 36.2#
84 106.4 72.1 108.1

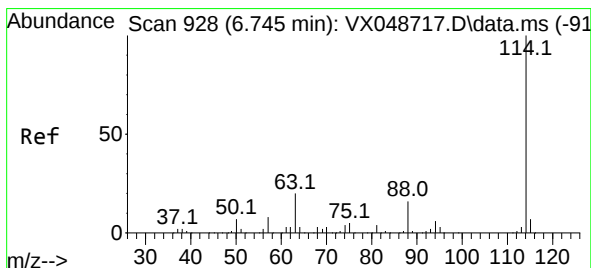
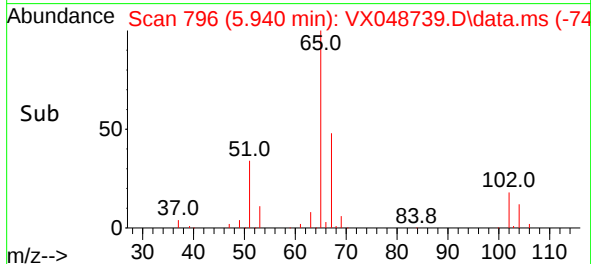
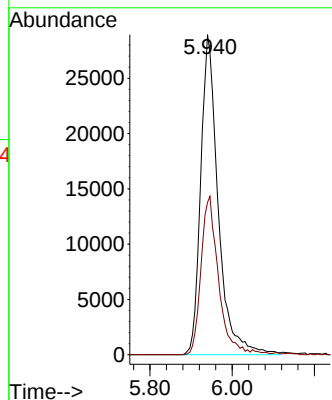
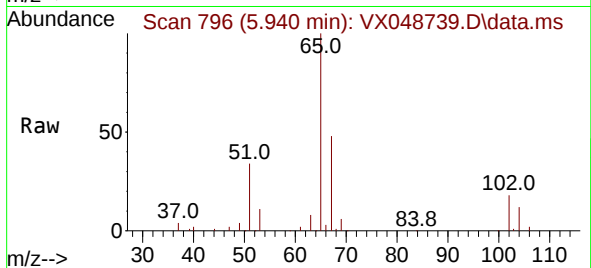




#33
1,2-Dichloroethane-d4
Concen: 50.791 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048739.D
Acq: 05 Dec 2025 16:15

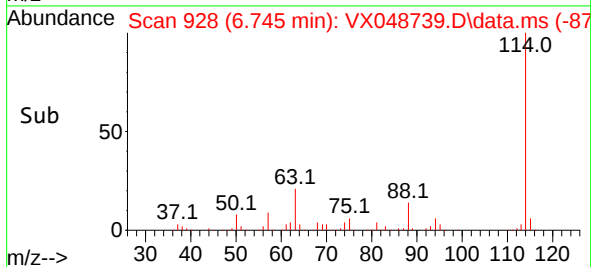
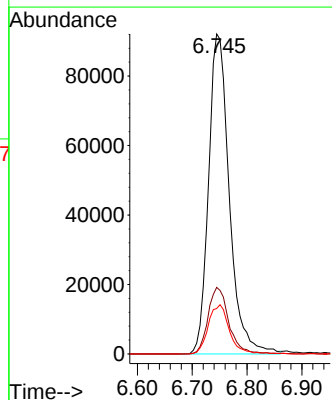
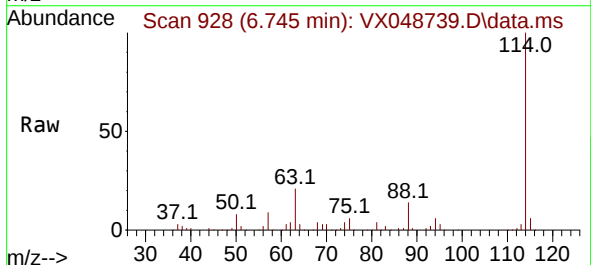
Instrument : MSVOA_X
ClientSampleId : STORAGE-BLANK-SAMPLE-MANAGEMENT

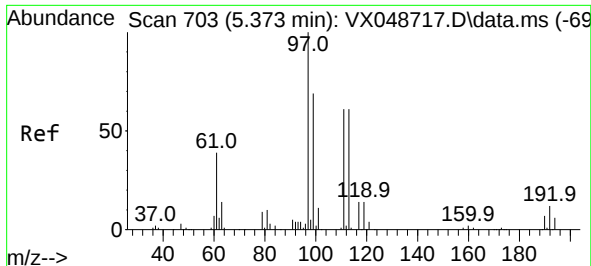
Tgt Ion: 65 Resp: 85344
Ion Ratio Lower Upper
65 100
67 49.0 0.0 107.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. -0.000 min
Lab File: VX048739.D
Acq: 05 Dec 2025 16:15

Tgt Ion: 114 Resp: 241785
Ion Ratio Lower Upper
114 100
63 20.8 0.0 39.0
88 14.2 0.0 31.8

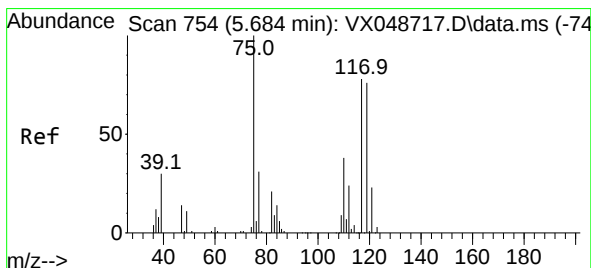
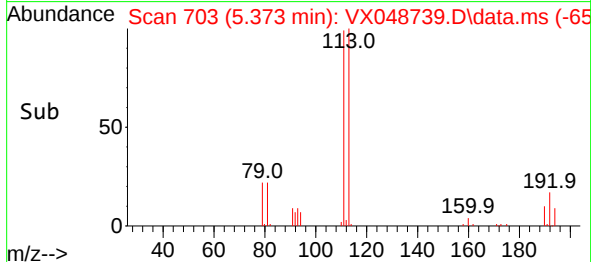
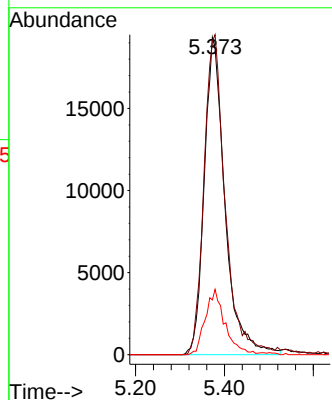
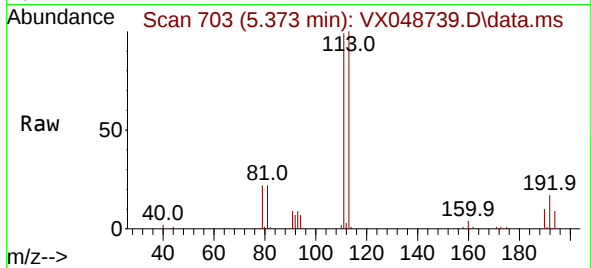




#35
Dibromofluoromethane
Concen: 37.648 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048739.D
Acq: 05 Dec 2025 16:15

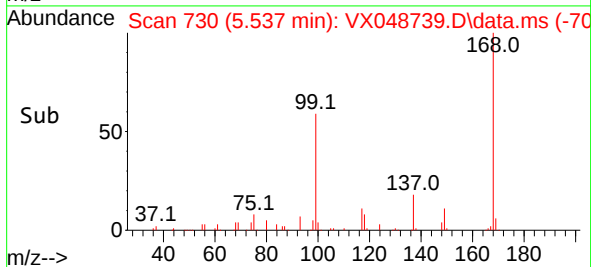
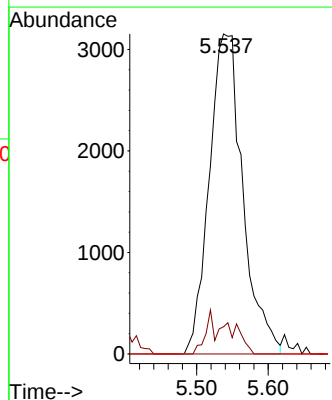
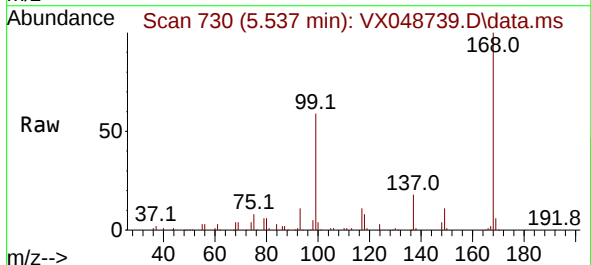
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ClientSampleId :
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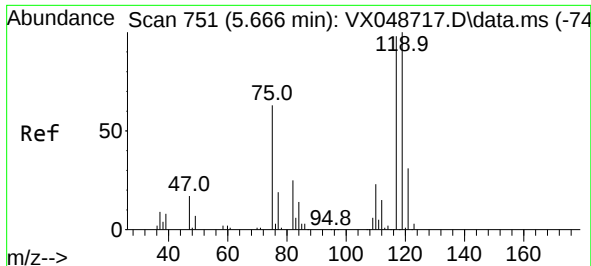
Tgt Ion:113 Resp: 62676
Ion Ratio Lower Upper
113 100
111 102.7 79.5 119.3
192 19.5 16.1 24.1



#36
1,1-Dichloropropene
Concen: 4.507 ug/l
RT: 5.537 min Scan# 730
Delta R.T. -0.146 min
Lab File: VX048739.D
Acq: 05 Dec 2025 16:15

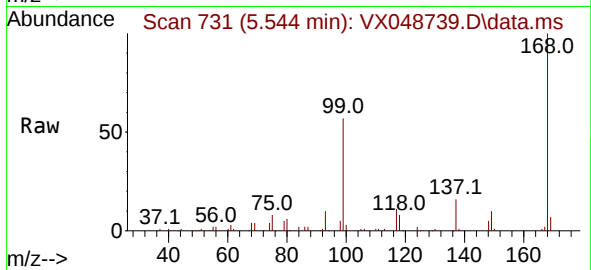
Tgt Ion: 75 Resp: 10276
Ion Ratio Lower Upper
75 100
110 5.0 18.6 55.8#
77 0.0 25.3 37.9#



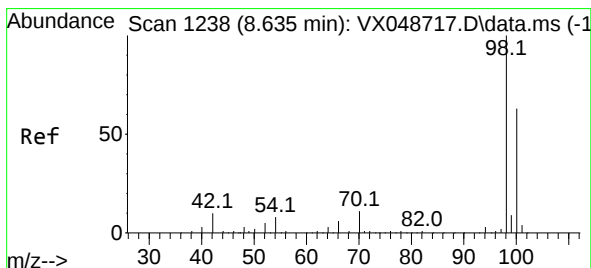
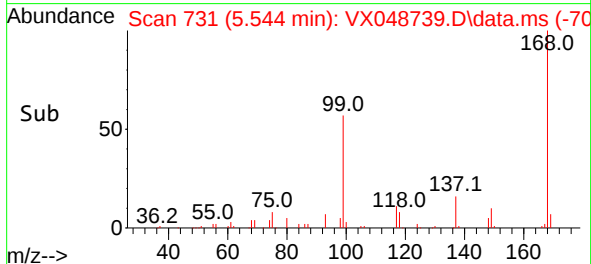
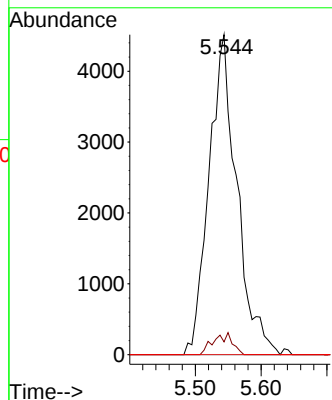


#38
Carbon Tetrachloride
Concen: 5.157 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX048739.D
Acq: 05 Dec 2025 16:15

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

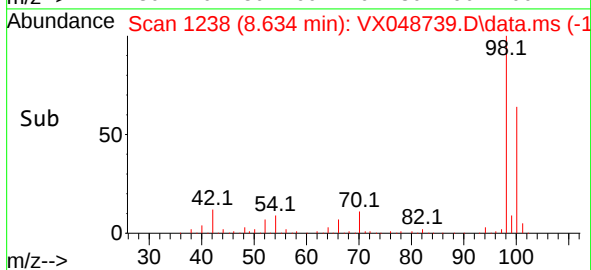
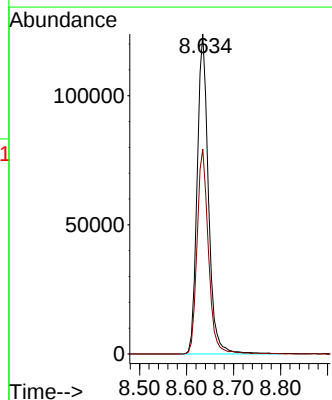
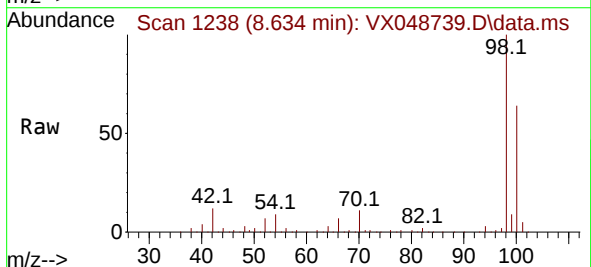


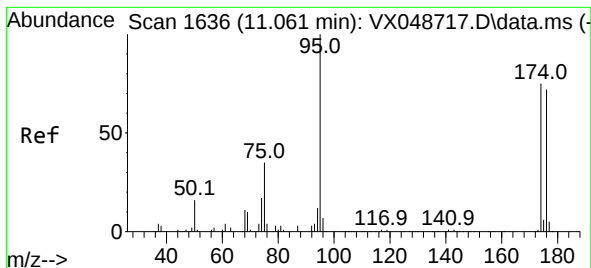
Tgt Ion:117 Resp: 13319
Ion Ratio Lower Upper
117 100
119 4.0 80.5 120.7#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 35.535 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048739.D
Acq: 05 Dec 2025 16:15

Tgt Ion: 98 Resp: 207366
Ion Ratio Lower Upper
98 100
100 64.6 53.4 80.0

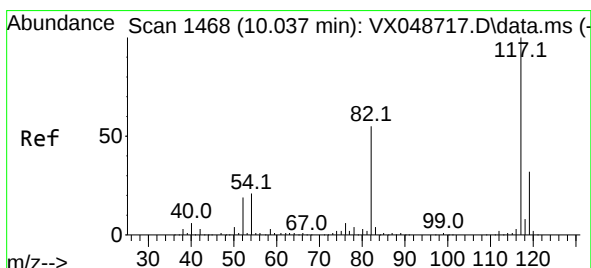
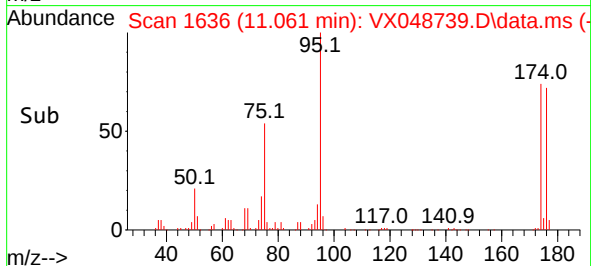
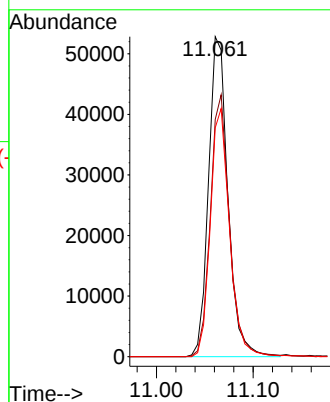
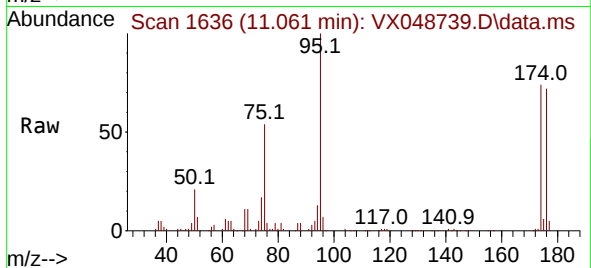




#62
4-Bromofluorobenzene
Concen: 36.550 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048739.D
Acq: 05 Dec 2025 16:15

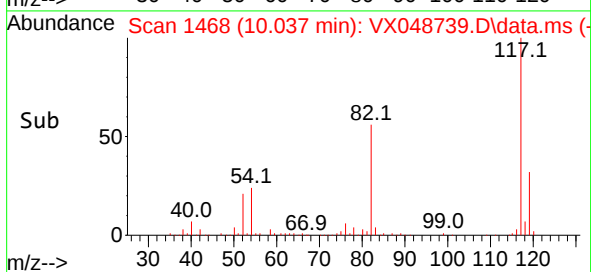
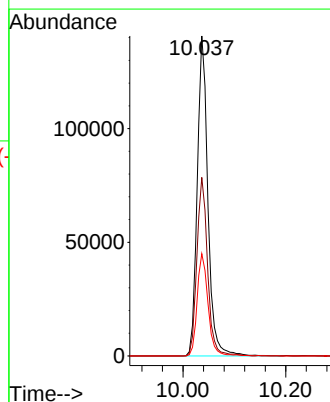
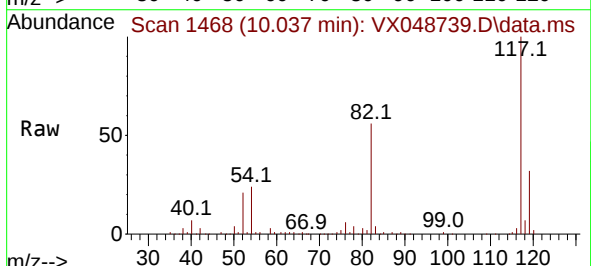
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ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

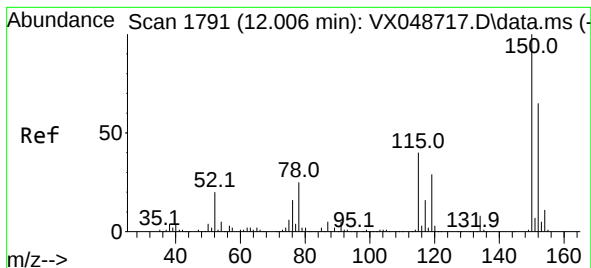
Tgt Ion: 95 Resp: 73550
Ion Ratio Lower Upper
95 100
174 81.6 0.0 157.8
176 77.2 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048739.D
Acq: 05 Dec 2025 16:15

Tgt Ion: 117 Resp: 202976
Ion Ratio Lower Upper
117 100
82 55.8 44.1 66.1
119 32.0 25.2 37.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX048739.D

Acq: 05 Dec 2025 16:15

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAGEMENT

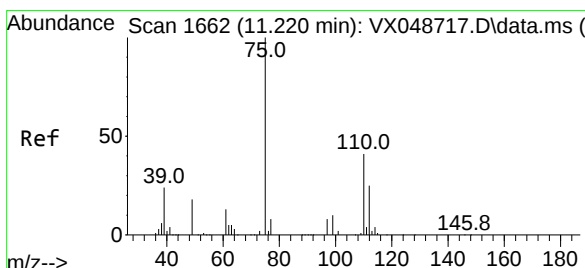
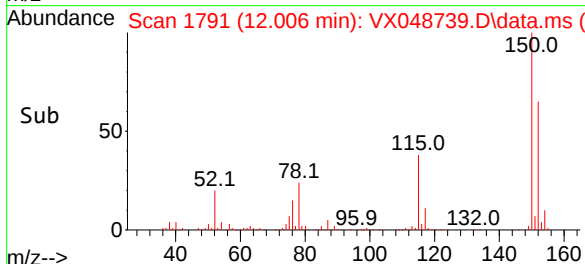
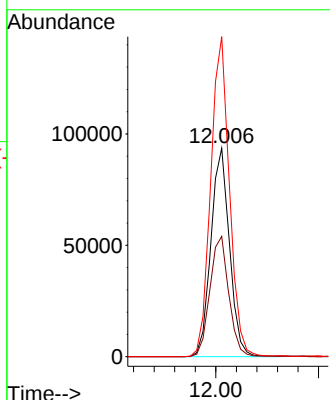
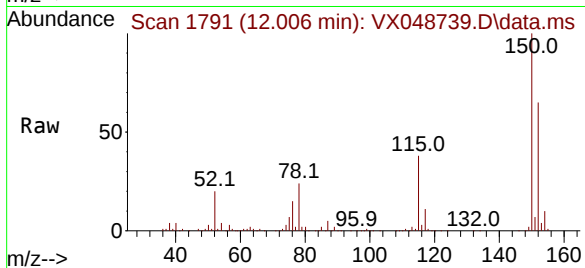
Tgt Ion:152 Resp: 117285

Ion Ratio Lower Upper

152 100

115 58.9 42.1 126.4

150 154.7 0.0 347.8



#76

1,2,3-Trichloropropane

Concen: 17.808 ug/l

RT: 11.061 min Scan# 1636

Delta R.T. -0.159 min

Lab File: VX048739.D

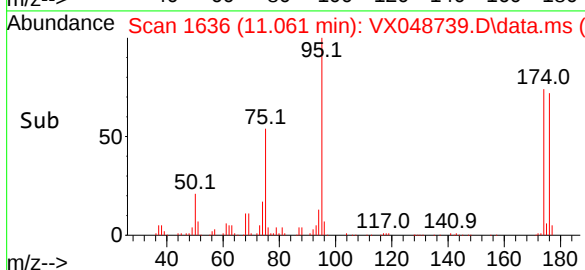
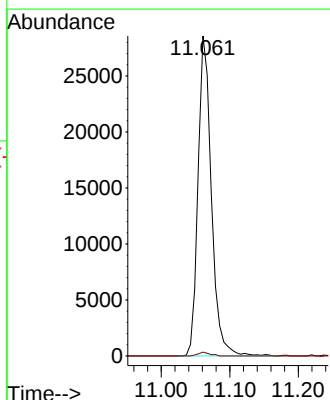
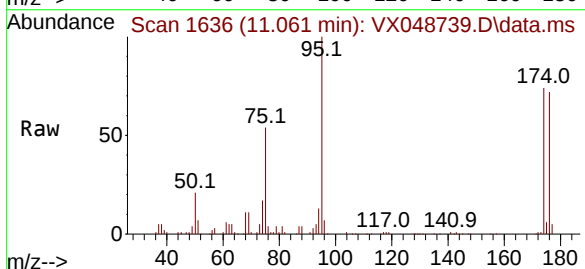
Acq: 05 Dec 2025 16:15

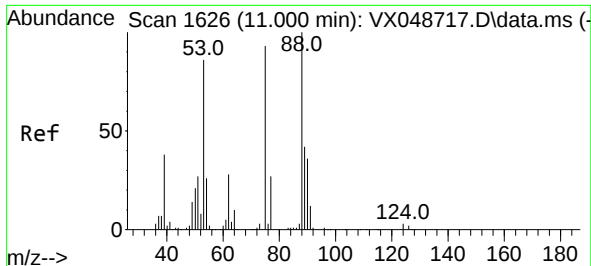
Tgt Ion: 75 Resp: 38902

Ion Ratio Lower Upper

75 100

77 1.1 24.3 73.0#

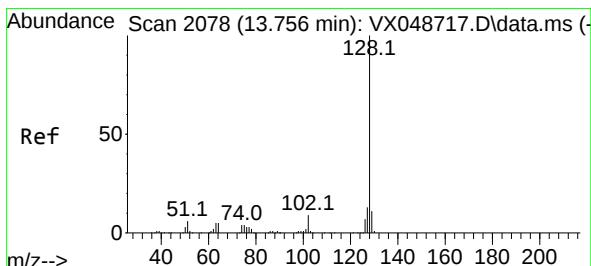
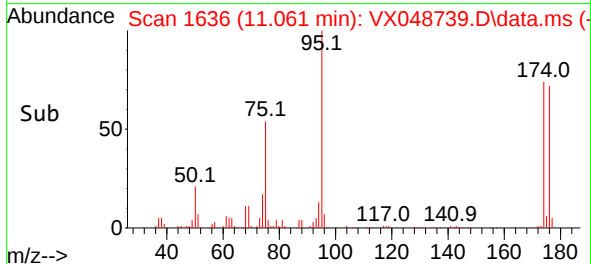
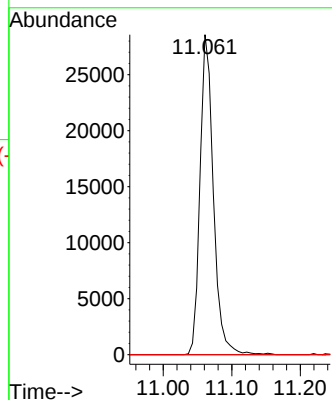
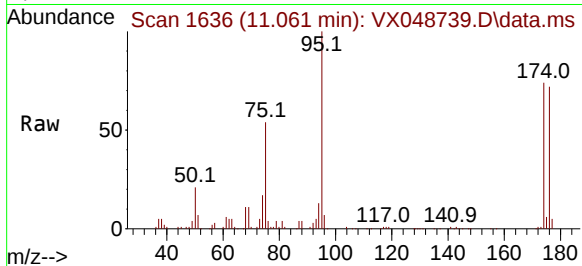




#81
trans-1,4-Dichloro-2-butene
Concen: 42.302 ug/l
RT: 11.061 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX048739.D
Acq: 05 Dec 2025 16:15

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

Tgt Ion: 75 Resp: 38902
Ion Ratio Lower Upper
75 100
53 0.0 79.9 119.9#
89 0.0 67.1 100.7#



#95
Naphthalene
Concen: Below Cal
RT: 13.768 min Scan# 2080
Delta R.T. 0.012 min
Lab File: VX048739.D
Acq: 05 Dec 2025 16:15

Tgt Ion:128 Resp: 212
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 13.0#

