

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX093025\
 Data File : VX047916.D
 Acq On : 30 Sep 2025 17:03
 Operator : JC/MD
 Sample : Q3193-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP12-20250923

Quant Time: Oct 01 01:14:20 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)

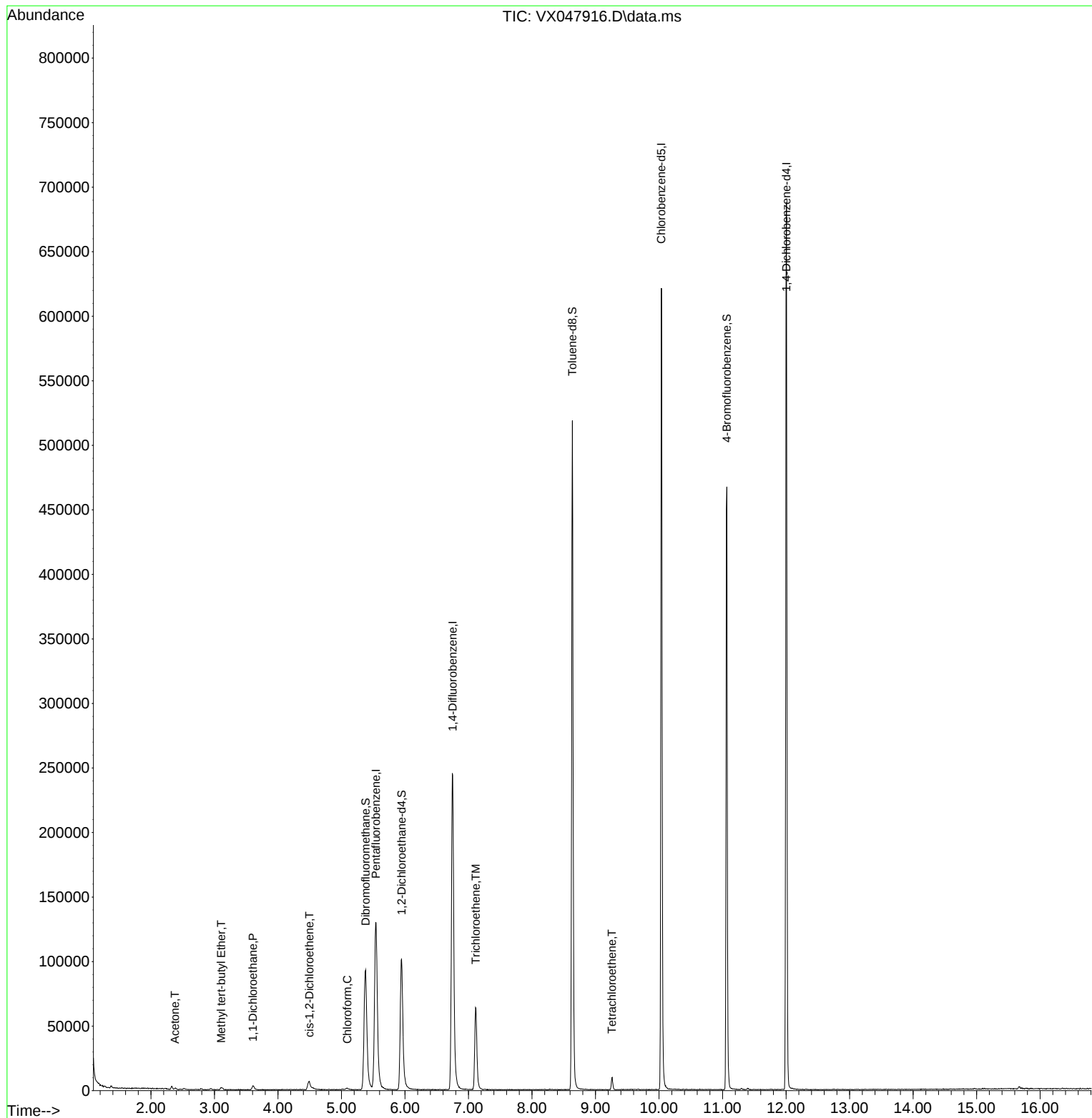
Internal Standards						
1) Pentafluorobenzene	5.544	168	132206	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	271875	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	282976	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	144063	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	111786	53.120	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.240%	
35) Dibromofluoromethane	5.379	113	90914	49.861	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.720%	
50) Toluene-d8	8.635	98	313666	49.716	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.440%	
62) 4-Bromofluorobenzene	11.067	95	134480	56.164	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 112.320%	
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	1558	1.703	ug/l	100
19) Methyl tert-butyl Ether	3.105	73	1807	0.315	ug/l #	81
24) 1,1-Dichloroethane	3.605	63	4380	1.312	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	4539	2.192	ug/l	93
30) Chloroform	5.093	83	1488	0.441	ug/l #	56
44) Trichloroethene	7.117	130	27403	14.007	ug/l	95
64) Tetrachloroethene	9.256	164	1764	0.956	ug/l	96

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

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DUP12-20250923

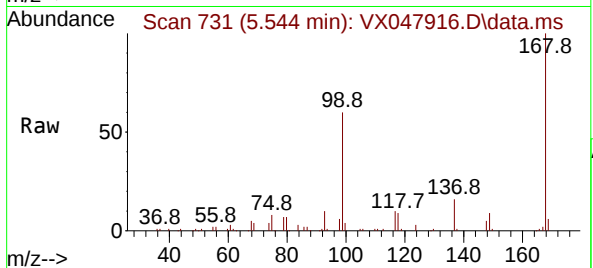
Quant Time: Oct 01 01:14:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
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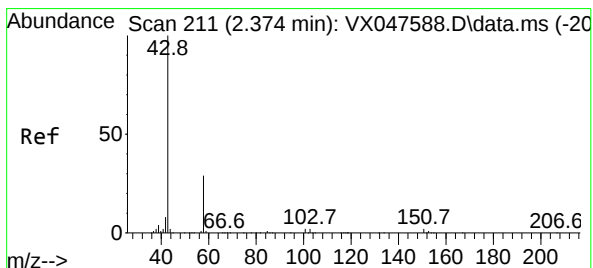
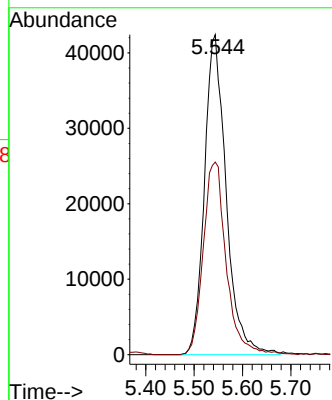
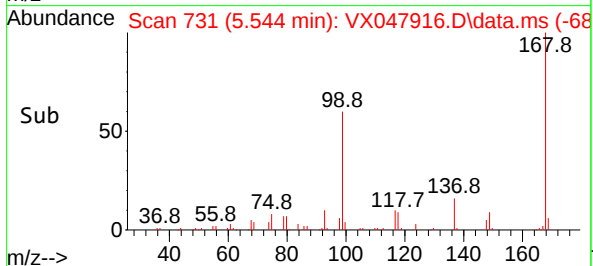


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047916.D
Acq: 30 Sep 2025 17:03

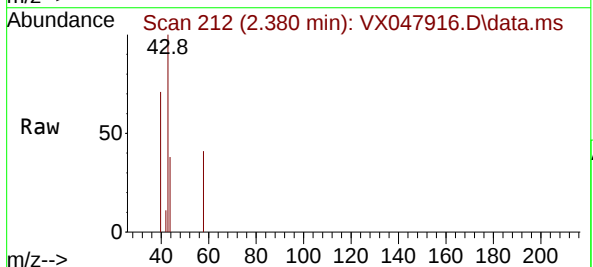
Instrument :
MSVOA_X
ClientSampleId :
DUP12-20250923



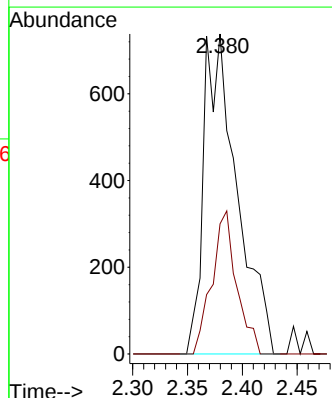
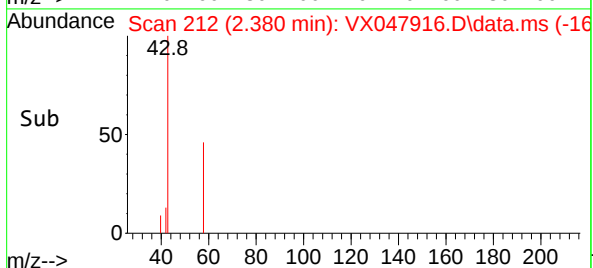
Tgt Ion:168 Resp: 132206
Ion Ratio Lower Upper
168 100
99 60.2 48.8 73.2

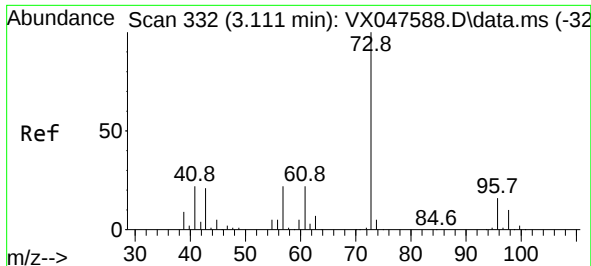


#16
Acetone
Concen: 1.703 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX047916.D
Acq: 30 Sep 2025 17:03



Tgt Ion: 43 Resp: 1558
Ion Ratio Lower Upper
43 100
58 29.4 23.4 35.0

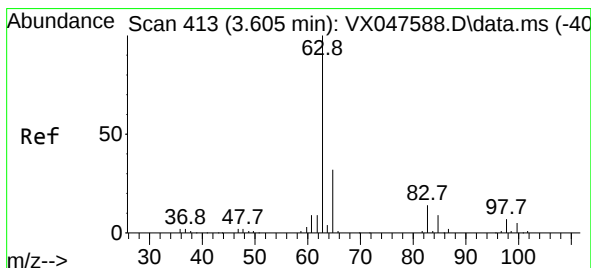
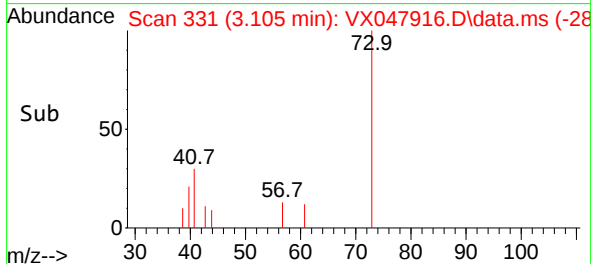
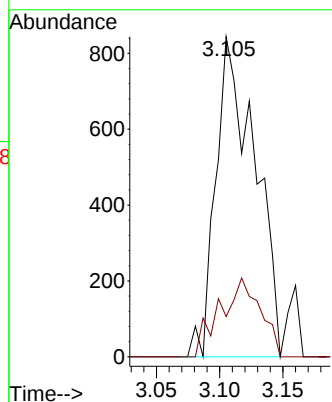
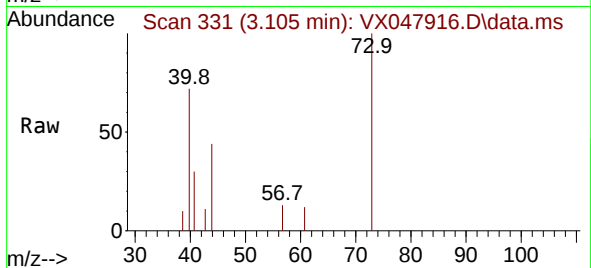




#19
Methyl tert-butyl Ether
Concen: 0.315 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX047916.D
Acq: 30 Sep 2025 17:03

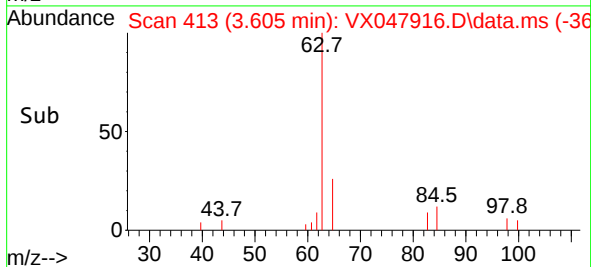
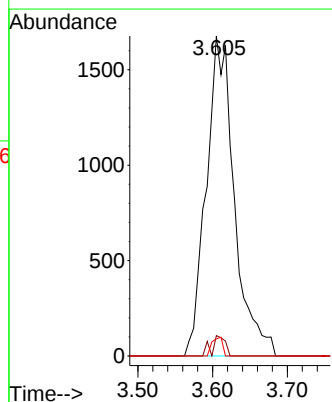
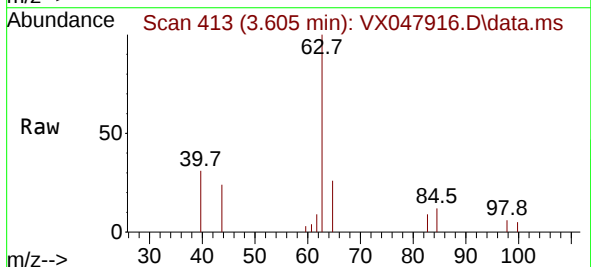
Instrument :
MSVOA_X
ClientSampleId :
DUP12-20250923

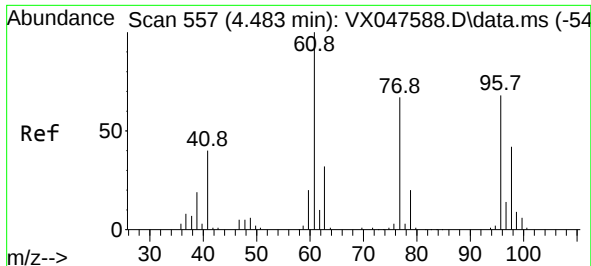
Tgt Ion: 73 Resp: 1807
Ion Ratio Lower Upper
73 100
57 12.6 17.4 26.2#



#24
1,1-Dichloroethane
Concen: 1.312 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX047916.D
Acq: 30 Sep 2025 17:03

Tgt Ion: 63 Resp: 4380
Ion Ratio Lower Upper
63 100
98 6.4 3.8 11.2
100 5.4 2.3 6.9

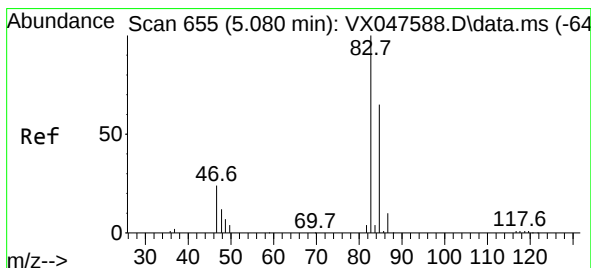
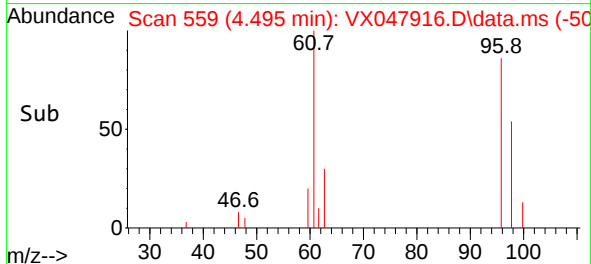
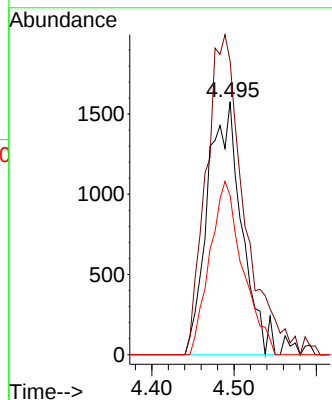
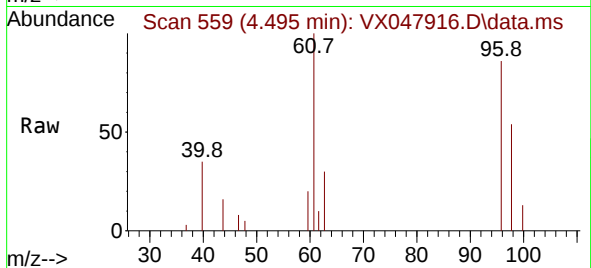




#27
 cis-1,2-Dichloroethene
 Concen: 2.192 ug/l
 RT: 4.495 min Scan# 51
 Delta R.T. 0.012 min
 Lab File: VX047916.D
 Acq: 30 Sep 2025 17:03

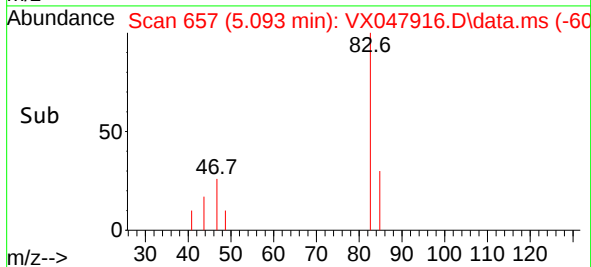
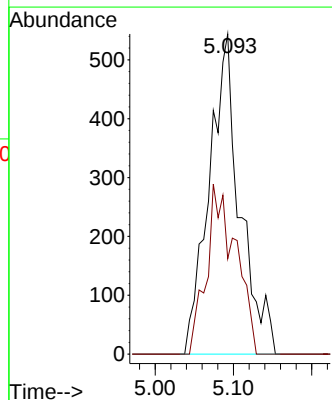
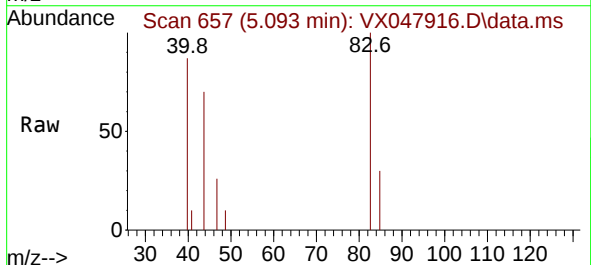
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP12-20250923

Tgt Ion: 96 Resp: 4539
 Ion Ratio Lower Upper
 96 100
 61 140.9 0.0 303.2
 98 66.4 0.0 127.8



#30
 Chloroform
 Concen: 0.441 ug/l
 RT: 5.093 min Scan# 657
 Delta R.T. 0.012 min
 Lab File: VX047916.D
 Acq: 30 Sep 2025 17:03

Tgt Ion: 83 Resp: 1488
 Ion Ratio Lower Upper
 83 100
 85 29.8 51.8 77.6#





#33

1,2-Dichloroethane-d4

Concen: 53.120 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX047916.D

Acq: 30 Sep 2025 17:03

Instrument :

MSVOA_X

ClientSampleId :

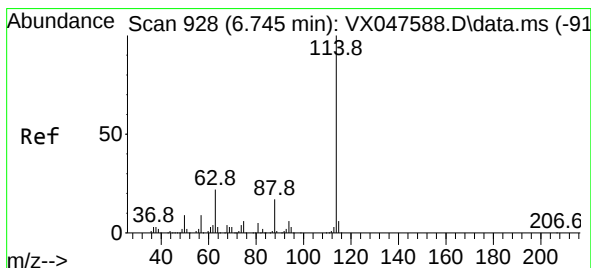
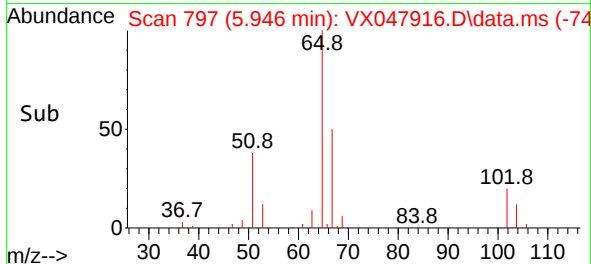
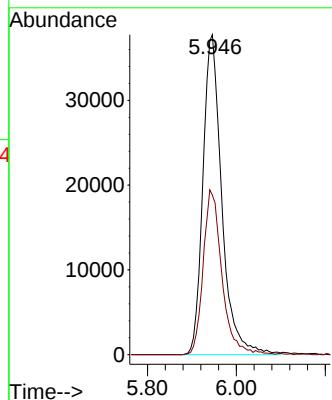
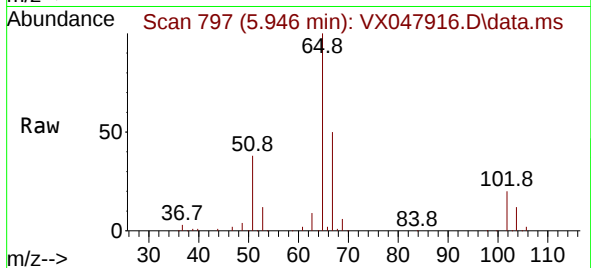
DUP12-20250923

Tgt Ion: 65 Resp: 111786

Ion Ratio Lower Upper

65 100

67 51.1 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. 0.006 min

Lab File: VX047916.D

Acq: 30 Sep 2025 17:03

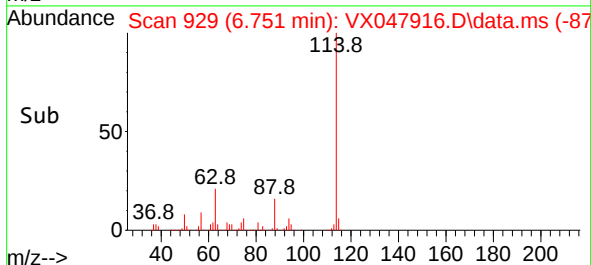
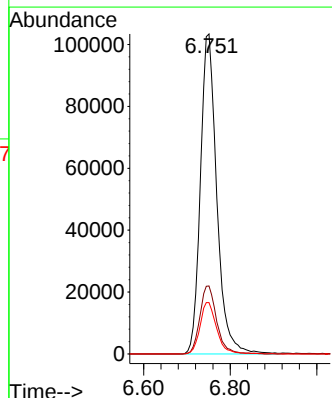
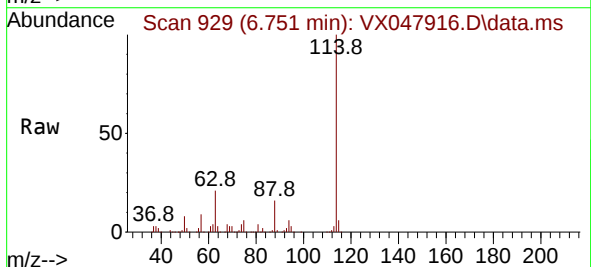
Tgt Ion: 114 Resp: 271875

Ion Ratio Lower Upper

114 100

63 21.2 0.0 44.0

88 16.0 0.0 34.2

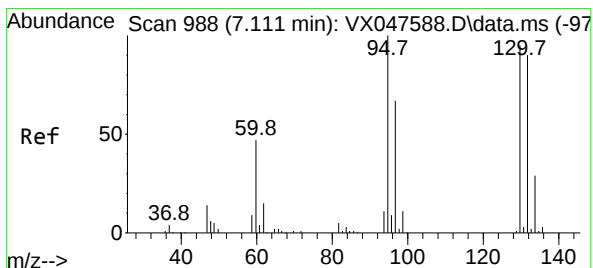
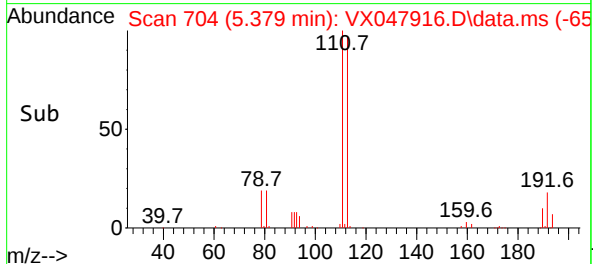
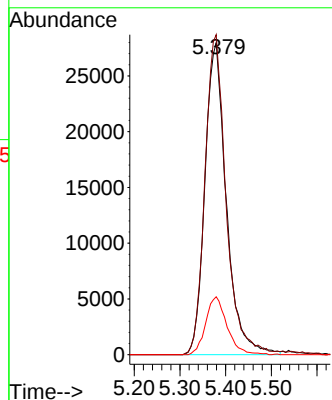
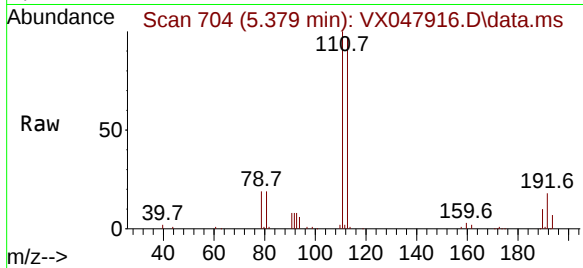




#35
Dibromofluoromethane
Concen: 49.861 ug/l
RT: 5.379 min Scan# 703
Delta R.T. 0.006 min
Lab File: VX047916.D
Acq: 30 Sep 2025 17:03

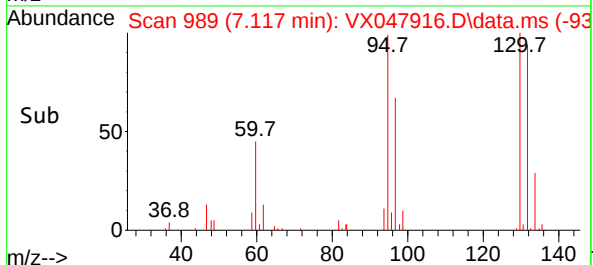
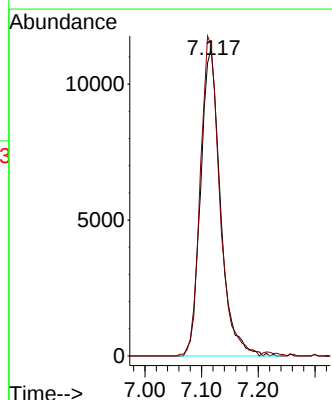
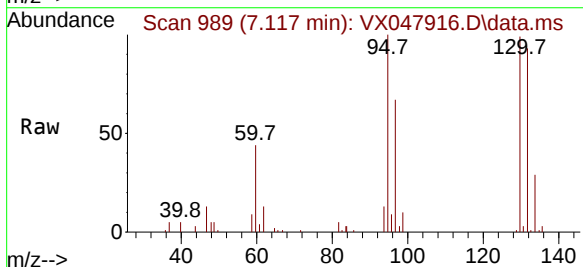
Instrument :
MSVOA_X
ClientSampleId :
DUP12-20250923

Tgt Ion:113 Resp: 90914
Ion Ratio Lower Upper
113 100
111 101.4 80.9 121.3
192 18.5 14.2 21.4



#44
Trichloroethene
Concen: 14.007 ug/l
RT: 7.117 min Scan# 989
Delta R.T. 0.006 min
Lab File: VX047916.D
Acq: 30 Sep 2025 17:03

Tgt Ion:130 Resp: 27403
Ion Ratio Lower Upper
130 100
95 100.6 0.0 210.8

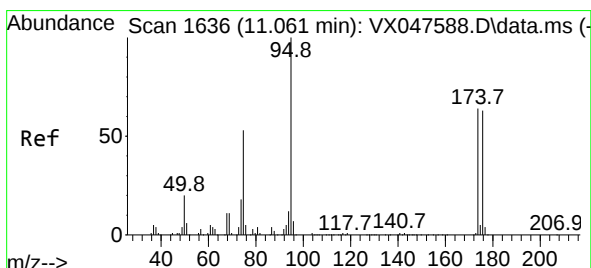
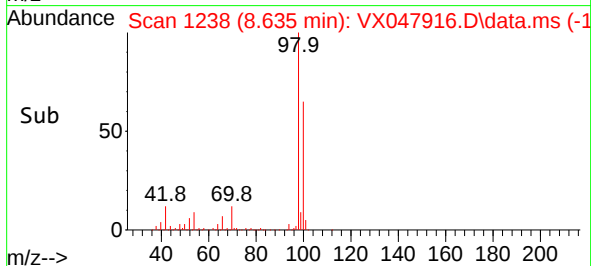
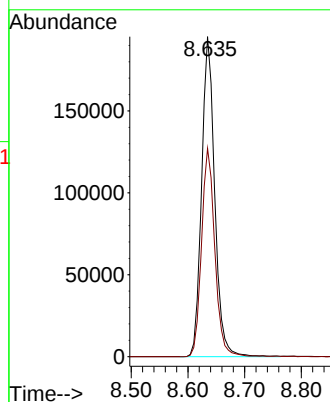
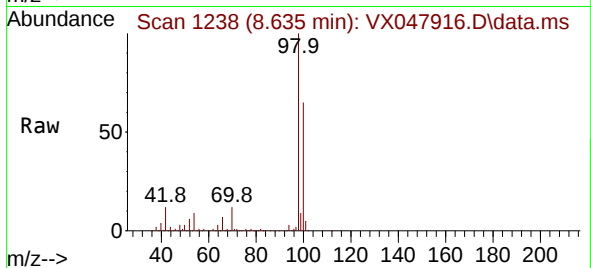




#50
Toluene-d8
Concen: 49.716 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047916.D
Acq: 30 Sep 2025 17:03

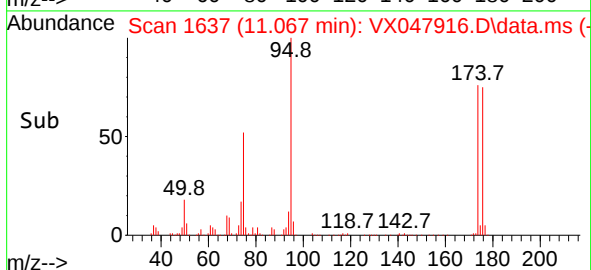
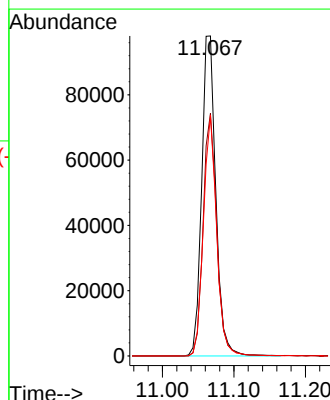
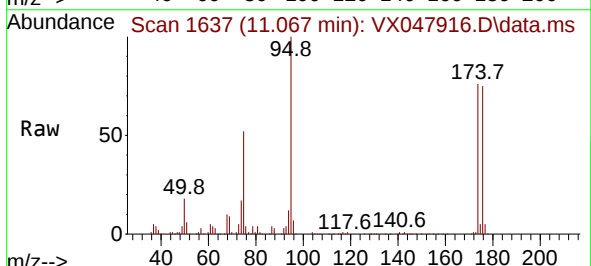
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ClientSampleId :
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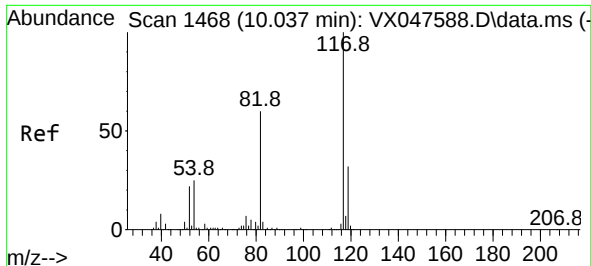
Tgt Ion: 98 Resp: 313666
Ion Ratio Lower Upper
98 100
100 65.9 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 56.164 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX047916.D
Acq: 30 Sep 2025 17:03

Tgt Ion: 95 Resp: 134480
Ion Ratio Lower Upper
95 100
174 73.1 0.0 141.6
176 70.7 0.0 138.4

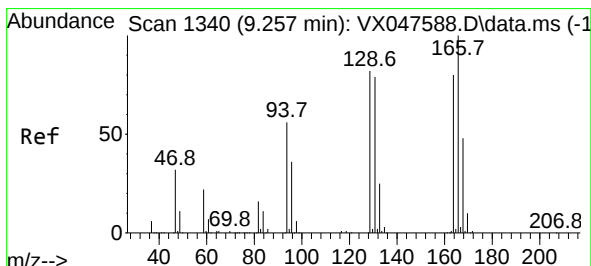
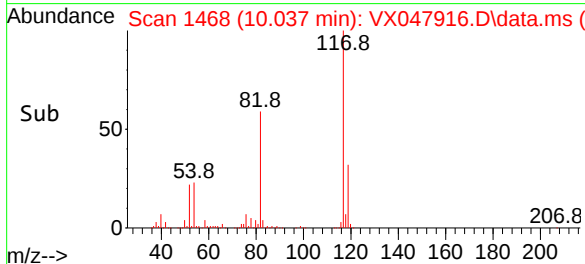
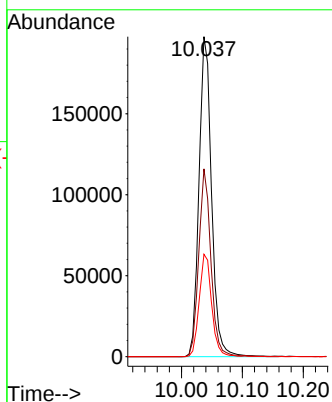
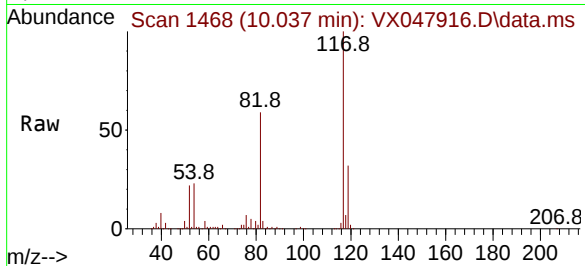




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047916.D
Acq: 30 Sep 2025 17:03

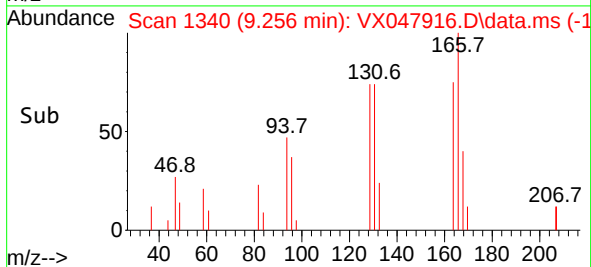
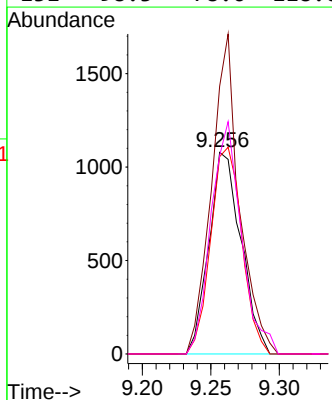
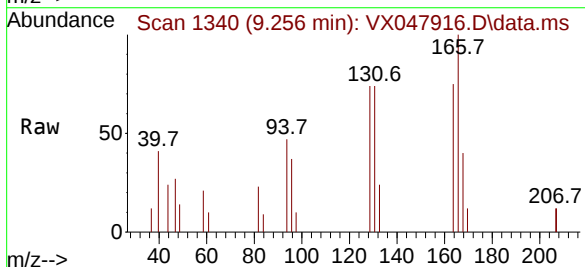
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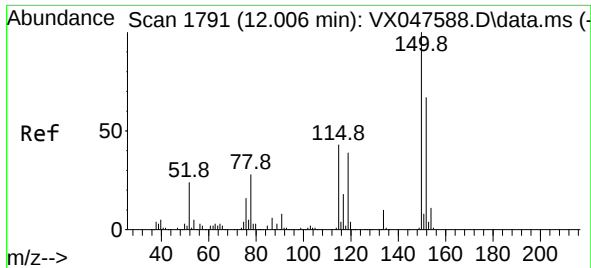
Tgt Ion:117 Resp: 282976
Ion Ratio Lower Upper
117 100
82 58.7 47.8 71.6
119 32.0 25.2 37.8



#64
Tetrachloroethene
Concen: 0.956 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX047916.D
Acq: 30 Sep 2025 17:03

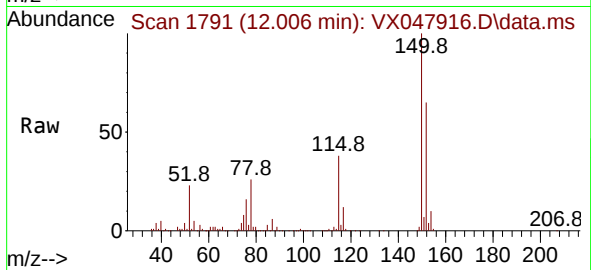
Tgt Ion:164 Resp: 1764
Ion Ratio Lower Upper
164 100
166 132.7 100.2 150.2
129 97.9 81.8 122.6
131 98.3 78.6 118.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX047916.D
 Acq: 30 Sep 2025 17:03

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP12-20250923



Tgt Ion:152 Resp: 144063
 Ion Ratio Lower Upper
 152 100
 115 61.6 44.9 134.5
 150 156.0 0.0 352.0

