

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100125\
 Data File : VX047942.D
 Acq On : 01 Oct 2025 15:50
 Operator : JC/MD
 Sample : Q3193-20
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT17411-20250924

Quant Time: Oct 03 01:24:39 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)

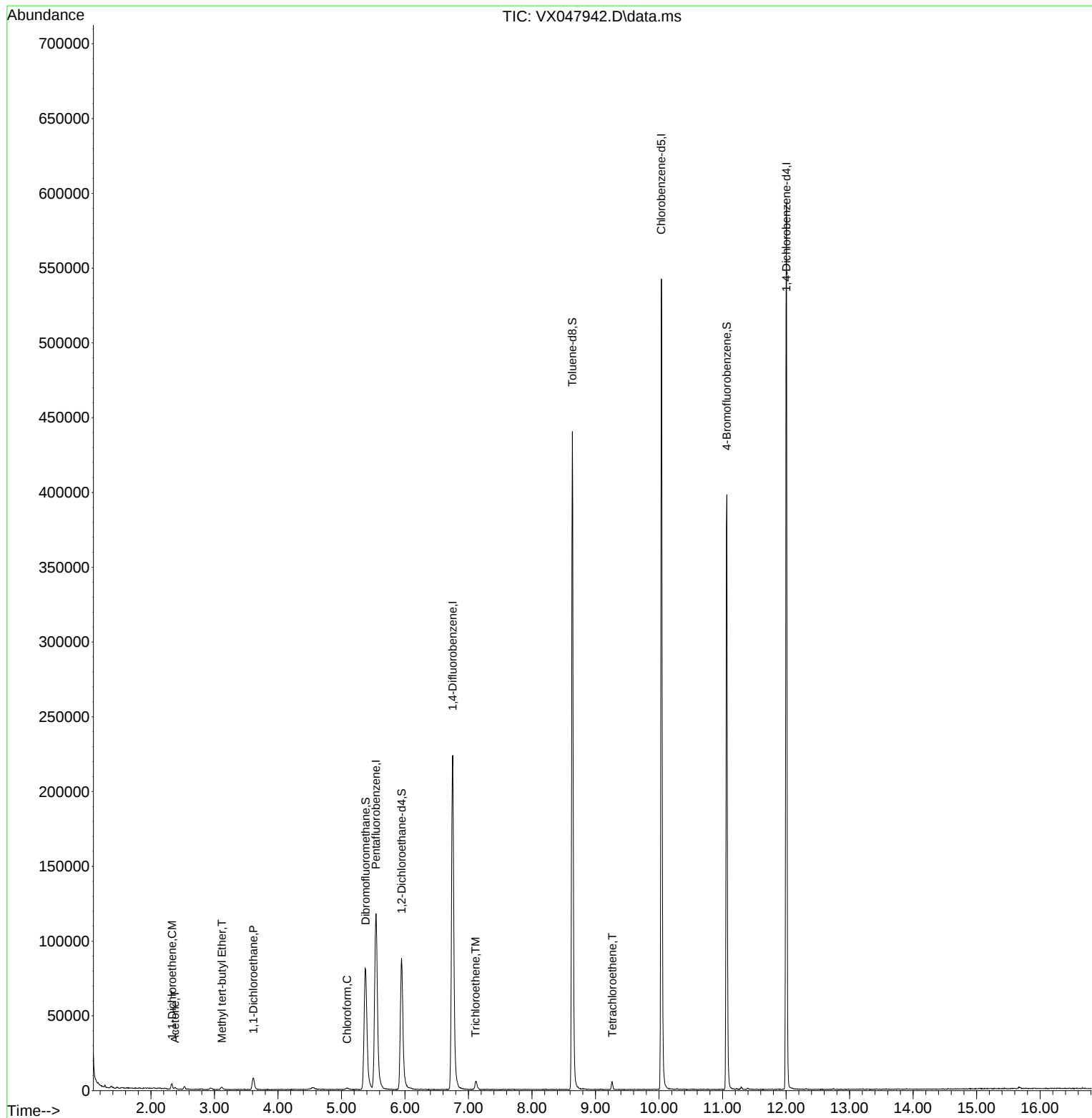
Internal Standards						
1) Pentafluorobenzene	5.544	168	118608	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	242382	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	250160	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	123424	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	94847	50.238	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.480%	
35) Dibromofluoromethane	5.379	113	79617	48.979	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.960%	
50) Toluene-d8	8.635	98	269894	47.984	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 95.960%	
62) 4-Bromofluorobenzene	11.067	95	113615	53.223	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 106.440%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.331	96	1496	1.062	ug/l	89
16) Acetone	2.380	43	1697	2.067	ug/l #	85
19) Methyl tert-butyl Ether	3.117	73	1972	0.383	ug/l	93
24) 1,1-Dichloroethane	3.611	63	10503	3.506	ug/l	98
30) Chloroform	5.086	83	1371	0.453	ug/l #	64
44) Trichloroethene	7.111	130	2666	1.529	ug/l	95
64) Tetrachloroethene	9.263	164	894	0.548	ug/l	87

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

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TT174I1-20250924

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Quant Title : SW846 8260
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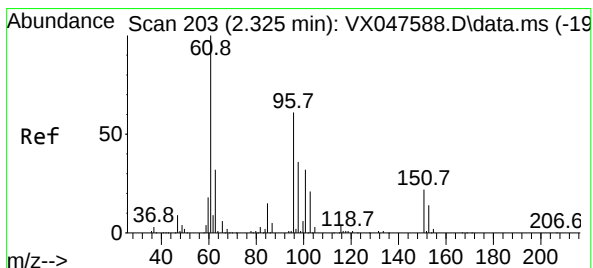
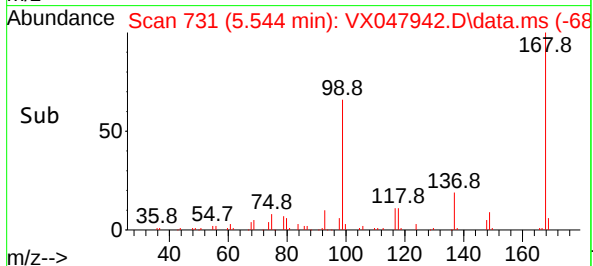
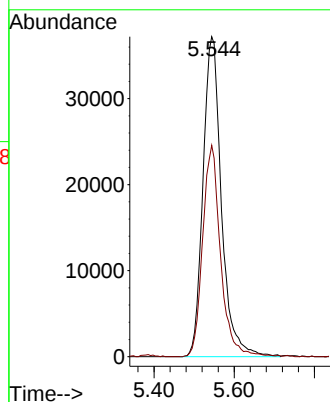
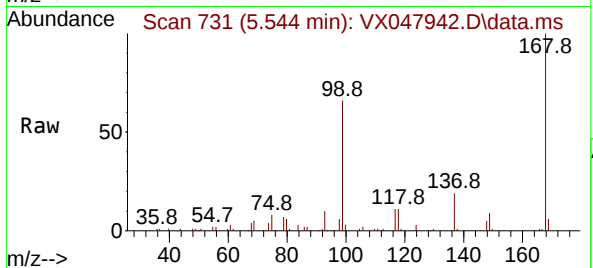




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047942.D
Acq: 01 Oct 2025 15:50

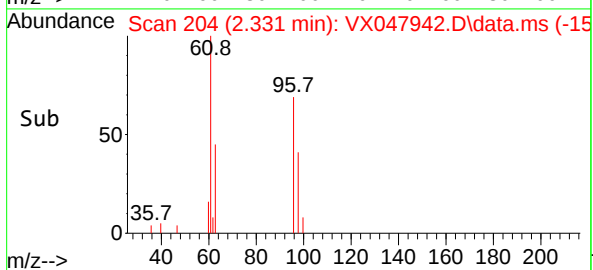
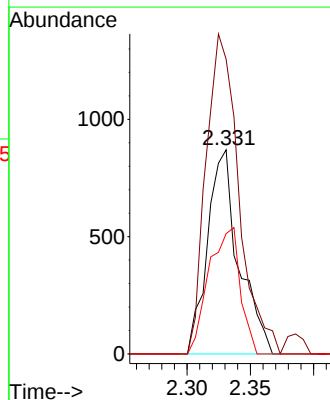
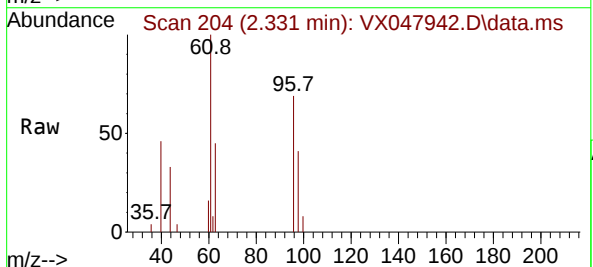
Instrument :
MSVOA_X
ClientSampleId :
TT17411-20250924

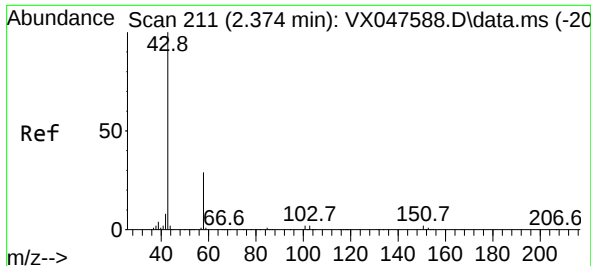
Tgt Ion:168 Resp: 118608
Ion Ratio Lower Upper
168 100
99 66.1 48.8 73.2



#12
1,1-Dichloroethene
Concen: 1.062 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX047942.D
Acq: 01 Oct 2025 15:50

Tgt Ion: 96 Resp: 1496
Ion Ratio Lower Upper
96 100
61 144.4 131.0 196.6
98 59.0 47.7 71.5

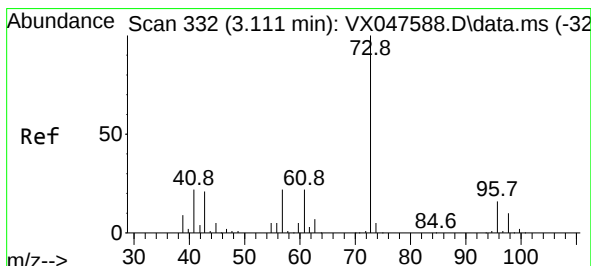
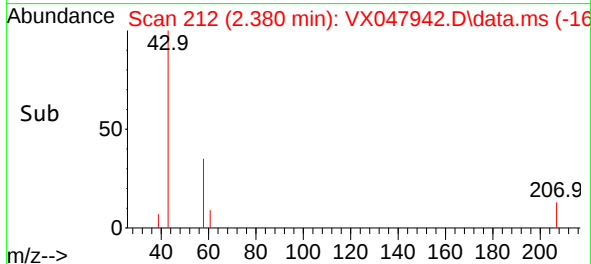
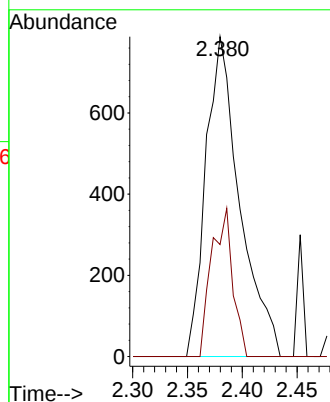
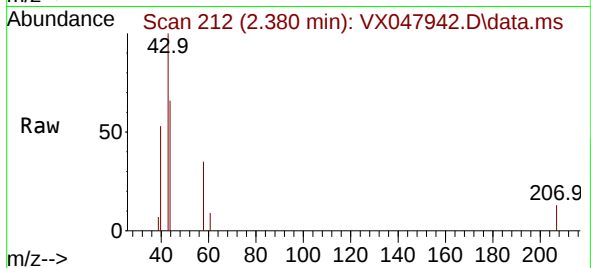




#16
 Acetone
 Concen: 2.067 ug/l
 RT: 2.380 min Scan# 211
 Delta R.T. 0.006 min
 Lab File: VX047942.D
 Acq: 01 Oct 2025 15:50

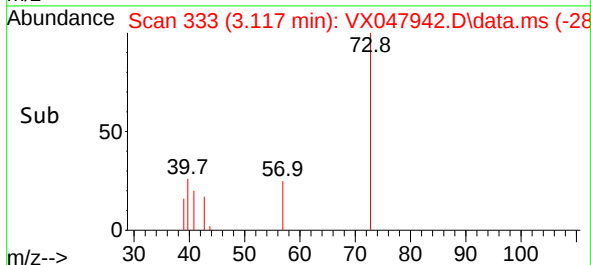
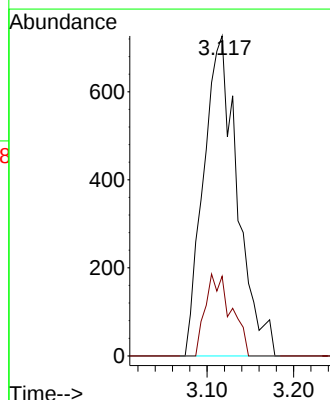
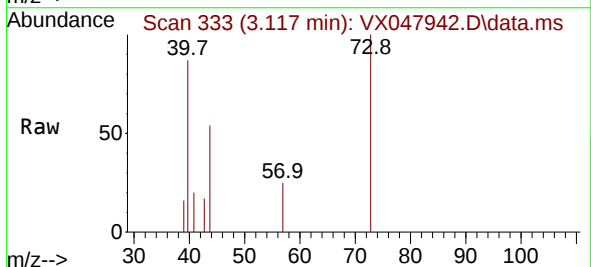
Instrument :
 MSVOA_X
 ClientSampleId :
 TT17411-20250924

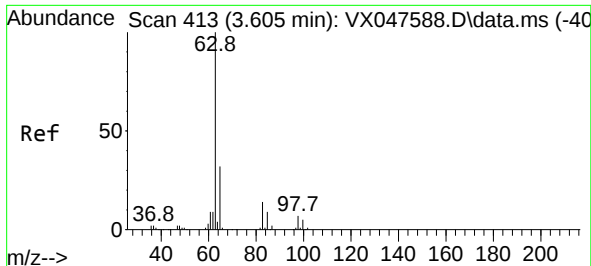
Tgt Ion: 43 Resp: 1697
 Ion Ratio Lower Upper
 43 100
 58 21.1 23.4 35.0#



#19
 Methyl tert-butyl Ether
 Concen: 0.383 ug/l
 RT: 3.117 min Scan# 333
 Delta R.T. 0.006 min
 Lab File: VX047942.D
 Acq: 01 Oct 2025 15:50

Tgt Ion: 73 Resp: 1972
 Ion Ratio Lower Upper
 73 100
 57 24.9 17.4 26.2

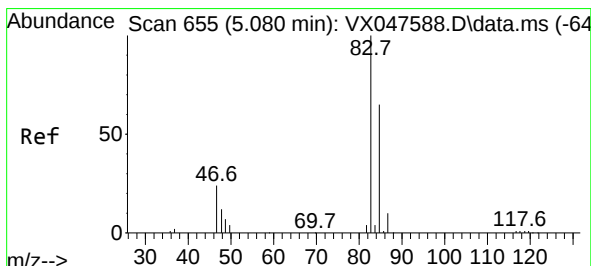
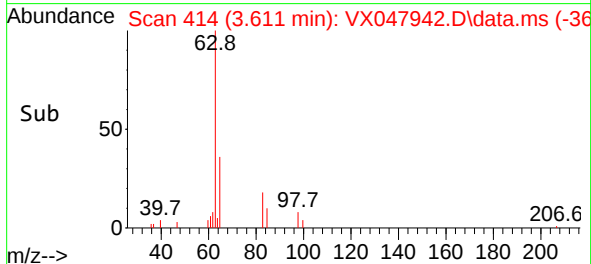
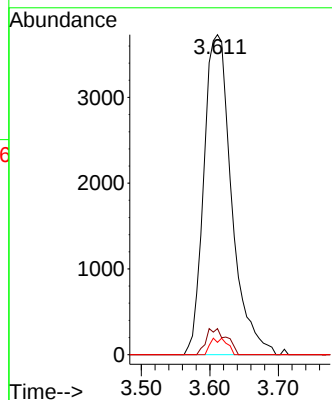
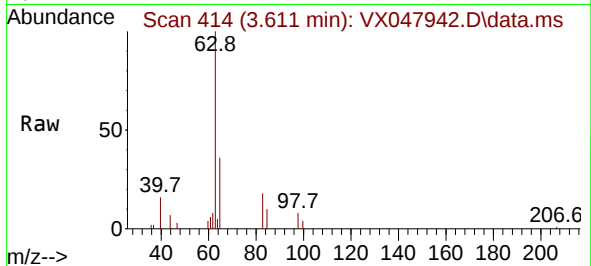




#24
1,1-Dichloroethane
Concen: 3.506 ug/l
RT: 3.611 min Scan# 413
Delta R.T. 0.006 min
Lab File: VX047942.D
Acq: 01 Oct 2025 15:50

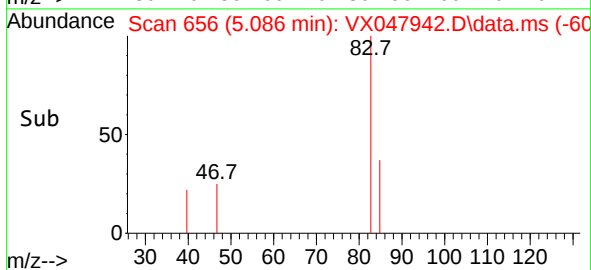
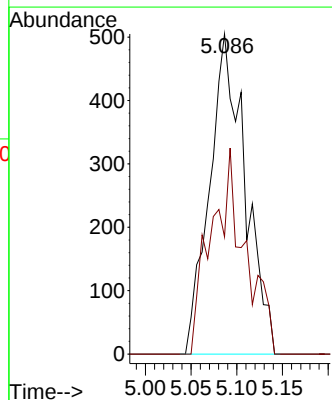
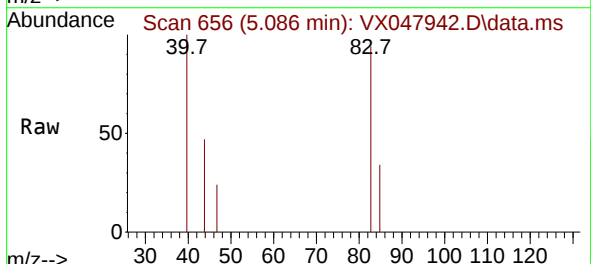
Instrument :
MSVOA_X
ClientSampleId :
TT17411-20250924

Tgt Ion: 63 Resp: 10503
Ion Ratio Lower Upper
63 100
98 8.2 3.8 11.2
100 3.9 2.3 6.9



#30
Chloroform
Concen: 0.453 ug/l
RT: 5.086 min Scan# 656
Delta R.T. 0.006 min
Lab File: VX047942.D
Acq: 01 Oct 2025 15:50

Tgt Ion: 83 Resp: 1371
Ion Ratio Lower Upper
83 100
85 36.6 51.8 77.6#





#33

1,2-Dichloroethane-d4

Concen: 50.238 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX047942.D

Acq: 01 Oct 2025 15:50

Instrument :

MSVOA_X

ClientSampleId :

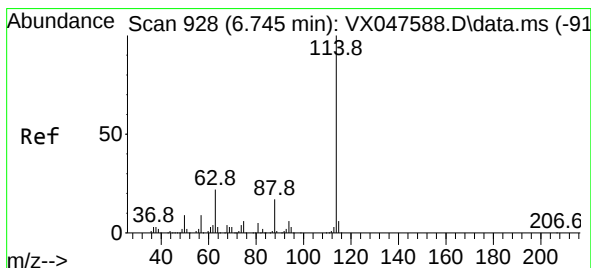
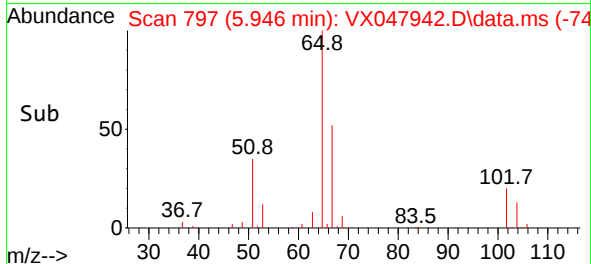
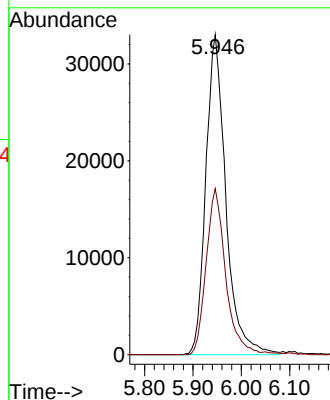
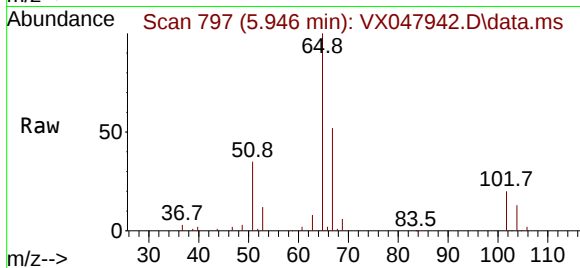
TT17411-20250924

Tgt Ion: 65 Resp: 94847

Ion Ratio Lower Upper

65 100

67 51.0 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: VX047942.D

Acq: 01 Oct 2025 15:50

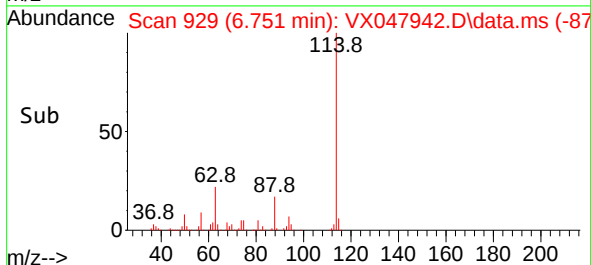
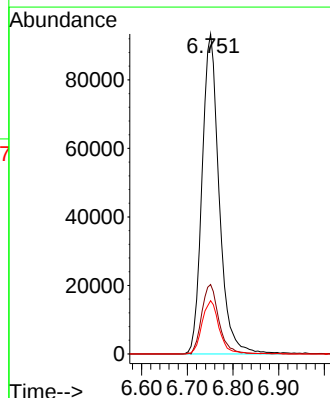
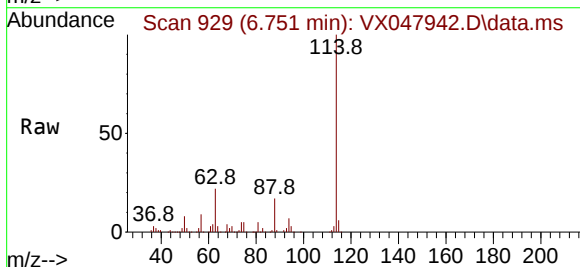
Tgt Ion: 114 Resp: 242382

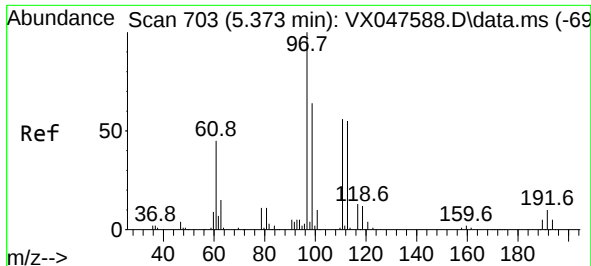
Ion Ratio Lower Upper

114 100

63 21.7 0.0 44.0

88 16.7 0.0 34.2





#35

Dibromofluoromethane

Concen: 48.979 ug/l

RT: 5.379 min Scan# 703

Delta R.T. 0.006 min

Lab File: VX047942.D

Acq: 01 Oct 2025 15:50

Instrument :

MSVOA_X

ClientSampleId :

TT17411-20250924

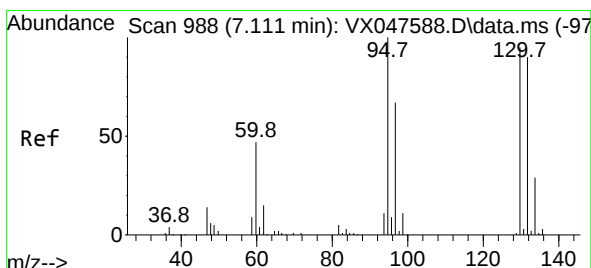
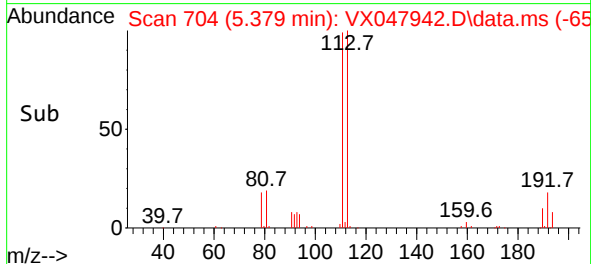
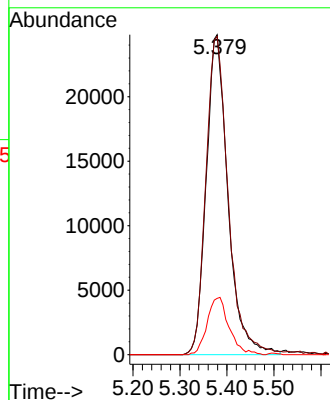
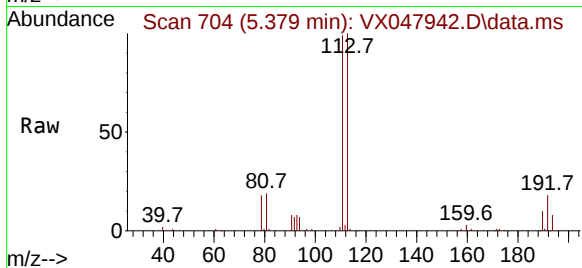
Tgt Ion:113 Resp: 79617

Ion Ratio Lower Upper

113 100

111 102.3 80.9 121.3

192 18.0 14.2 21.4



#44

Trichloroethene

Concen: 1.529 ug/l

RT: 7.111 min Scan# 988

Delta R.T. -0.000 min

Lab File: VX047942.D

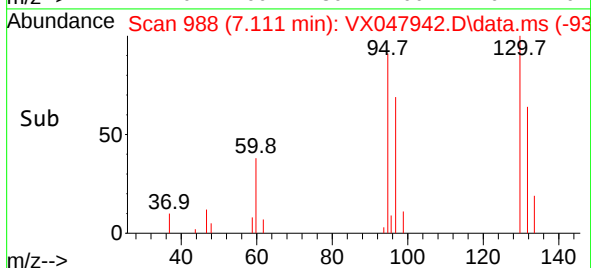
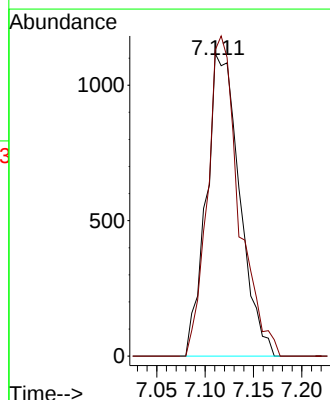
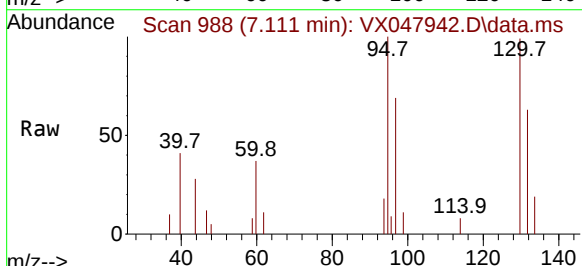
Acq: 01 Oct 2025 15:50

Tgt Ion:130 Resp: 2666

Ion Ratio Lower Upper

130 100

95 110.2 0.0 210.8

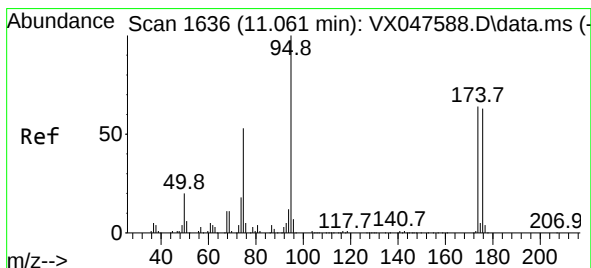
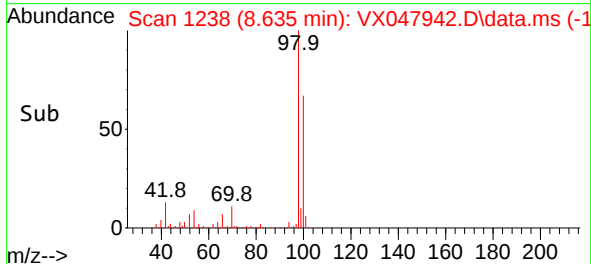
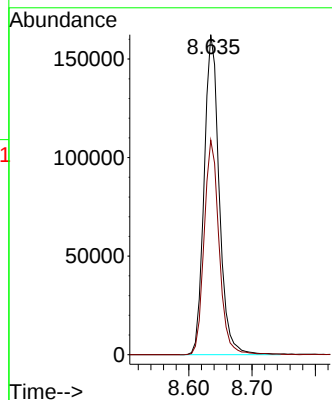
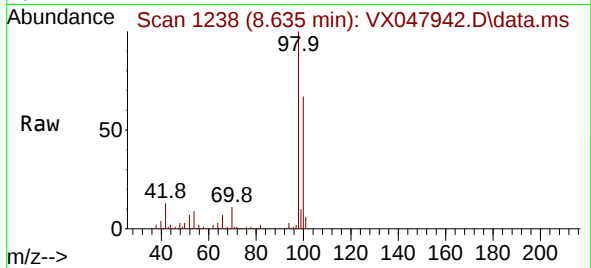




#50
Toluene-d8
Concen: 47.984 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047942.D
Acq: 01 Oct 2025 15:50

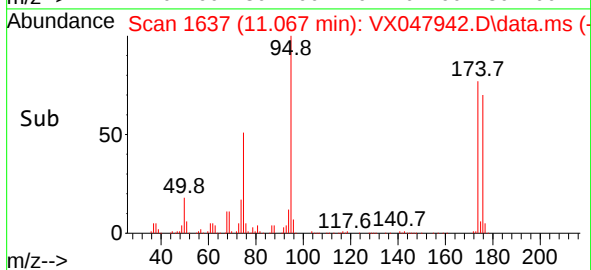
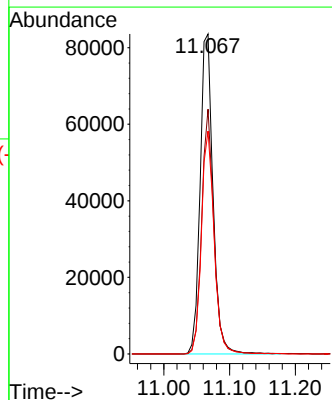
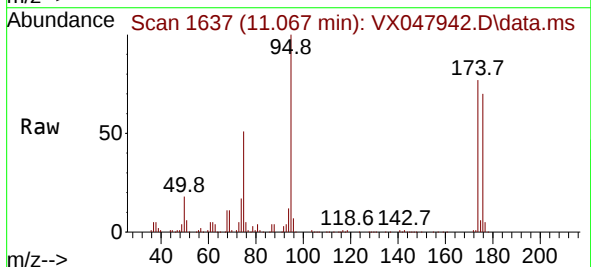
Instrument :
MSVOA_X
ClientSampleId :
TT17411-20250924

Tgt Ion: 98 Resp: 269894
Ion Ratio Lower Upper
98 100
100 66.7 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 53.223 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX047942.D
Acq: 01 Oct 2025 15:50

Tgt Ion: 95 Resp: 113615
Ion Ratio Lower Upper
95 100
174 73.1 0.0 141.6
176 68.9 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: VX047942.D

Acq: 01 Oct 2025 15:50

Instrument :

MSVOA_X

ClientSampleId :

TT17411-20250924

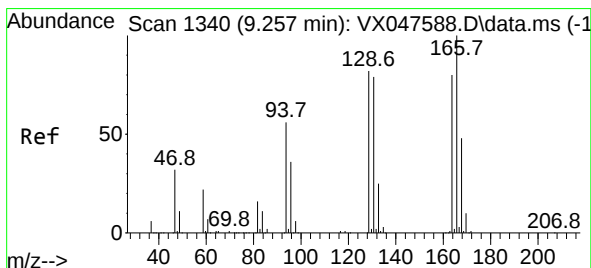
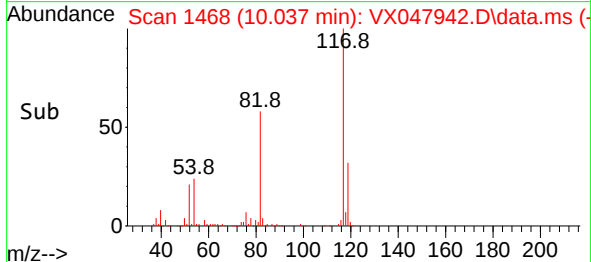
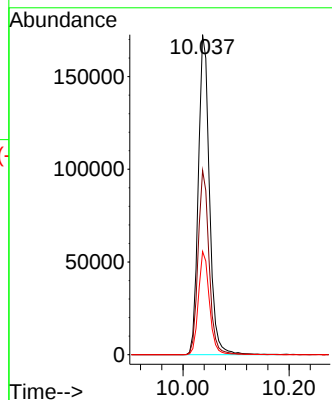
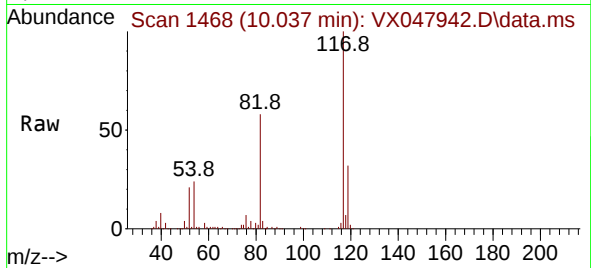
Tgt Ion:117 Resp: 250160

Ion Ratio Lower Upper

117 100

82 57.6 47.8 71.6

119 32.2 25.2 37.8



#64

Tetrachloroethene

Concen: 0.548 ug/l

RT: 9.263 min Scan# 1341

Delta R.T. 0.006 min

Lab File: VX047942.D

Acq: 01 Oct 2025 15:50

Tgt Ion:164 Resp: 894

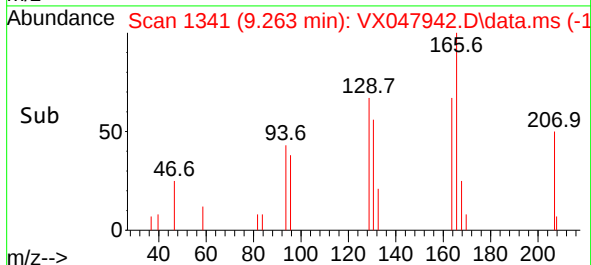
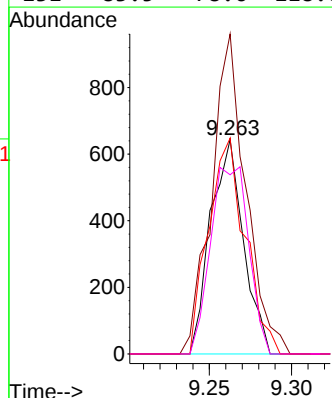
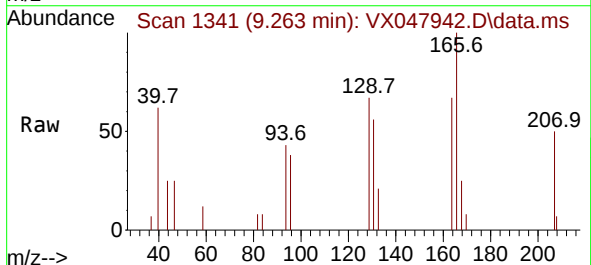
Ion Ratio Lower Upper

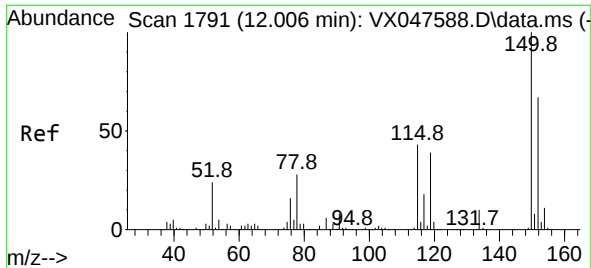
164 100

166 149.2 100.2 150.2

129 100.6 81.8 122.6

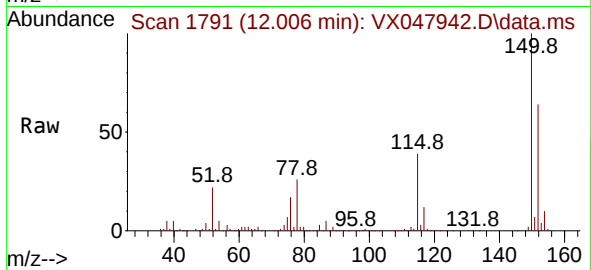
131 83.5 78.6 118.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX047942.D
 Acq: 01 Oct 2025 15:50

Instrument :
 MSVOA_X
 ClientSampleId :
 TT17411-20250924



Tgt Ion:152 Resp: 123424
 Ion Ratio Lower Upper
 152 100
 115 61.1 44.9 134.5
 150 155.8 0.0 352.0

