

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111325\
 Data File : VX048594.D
 Acq On : 13 Nov 2025 14:43
 Operator : JC/MD
 Sample : Q3609-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 AU-713-COMP-03

Quant Time: Nov 14 03:58:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 08 05:08:11 2025
 Response via : Initial Calibration

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

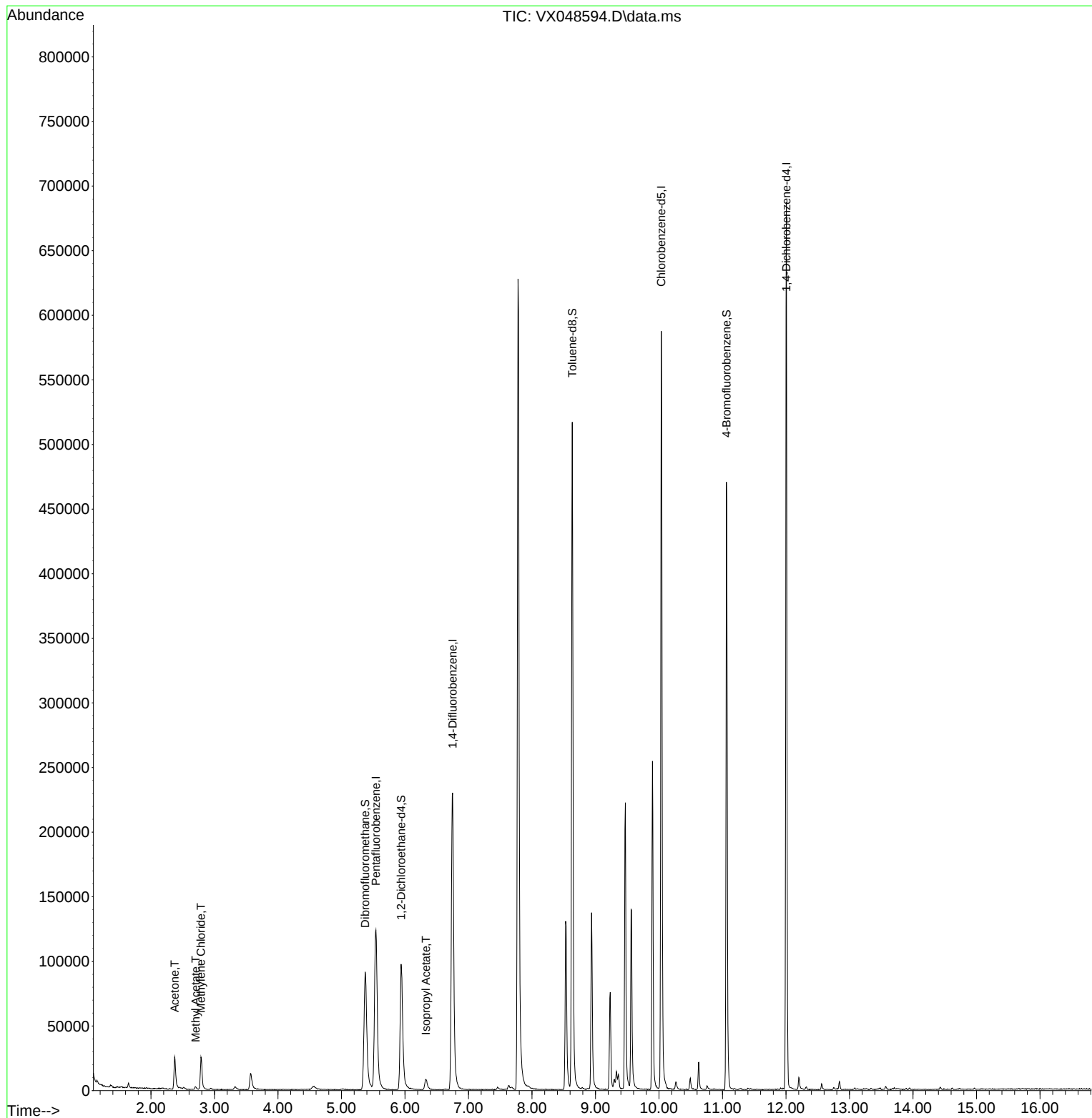
Internal Standards						
1) Pentafluorobenzene	5.543	168	128824	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.750	114	258100	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.036	117	278287	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	144149	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	105688	58.877	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 117.760%#		
35) Dibromofluoromethane	5.373	113	88995	45.558	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 91.120%		
50) Toluene-d8	8.634	98	323053	53.024	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 106.040%		
62) 4-Bromofluorobenzene	11.061	95	132987	58.572	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 117.140%		
Target Compounds						
					Qvalue	
16) Acetone	2.373	43	34796	40.951	ug/l	93
18) Methyl Acetate	2.702	43	3505	1.501	ug/l	92
20) Methylene Chloride	2.788	84	13222	7.569	ug/l	93
43) Isopropyl Acetate	6.330	43	13031	2.518	ug/l	98

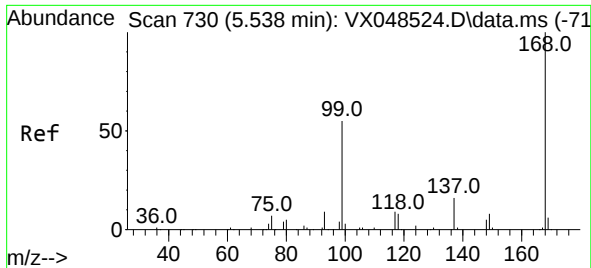
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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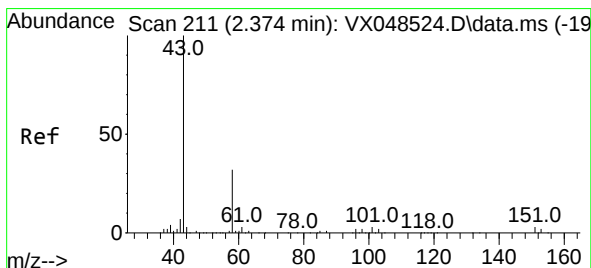
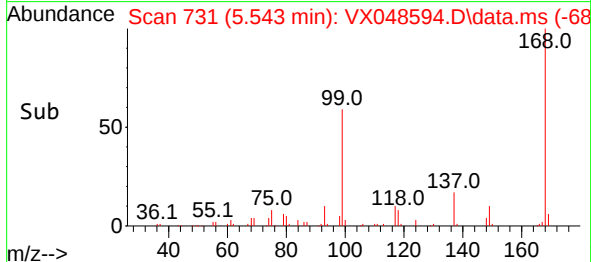
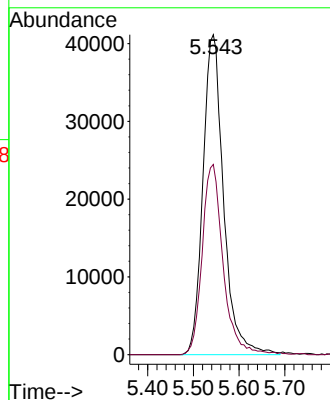
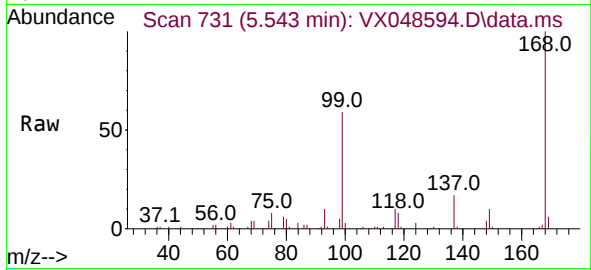




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 731
Delta R.T. 0.005 min
Lab File: VX048594.D
Acq: 13 Nov 2025 14:43

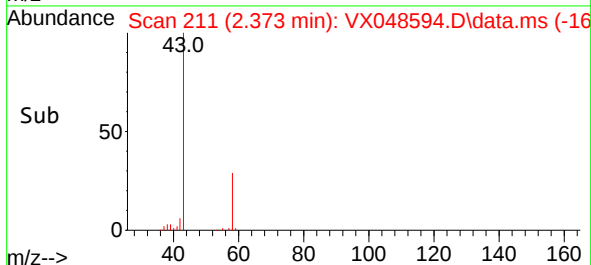
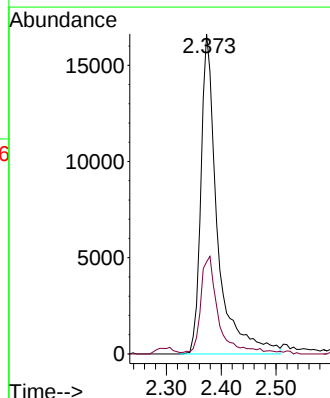
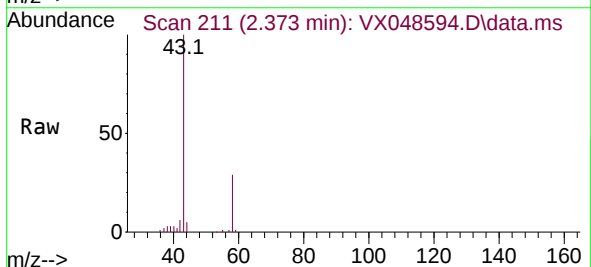
Instrument :
MSVOA_X
ClientSampleId :
AU-713-COMP-03

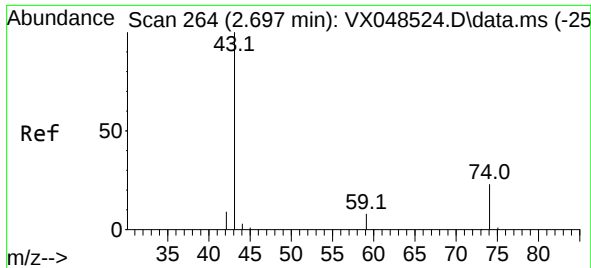
Tgt Ion:168 Resp: 128824
Ion Ratio Lower Upper
168 100
99 59.4 45.2 67.8



#16
Acetone
Concen: 40.951 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048594.D
Acq: 13 Nov 2025 14:43

Tgt Ion: 43 Resp: 34796
Ion Ratio Lower Upper
43 100
58 28.4 25.8 38.6

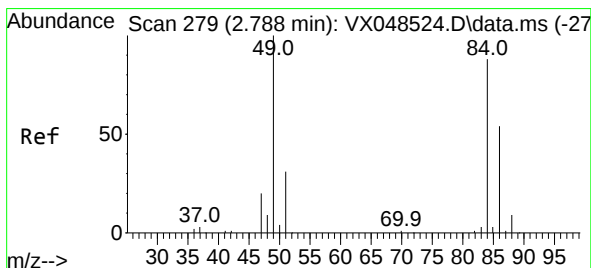
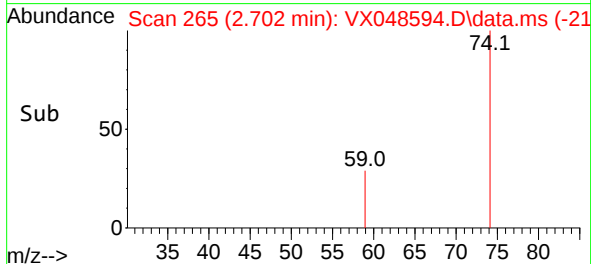
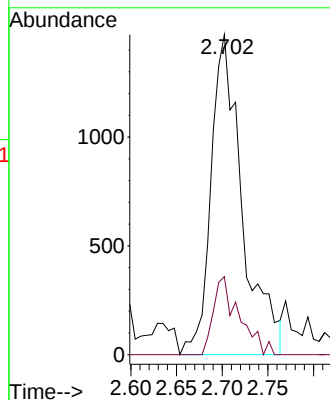
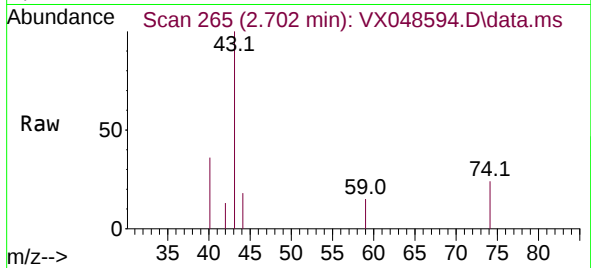




#18
Methyl Acetate
Concen: 1.501 ug/l
RT: 2.702 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX048594.D
Acq: 13 Nov 2025 14:43

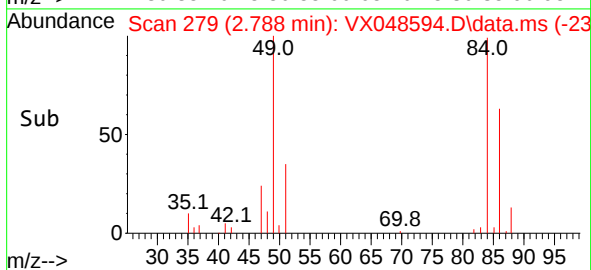
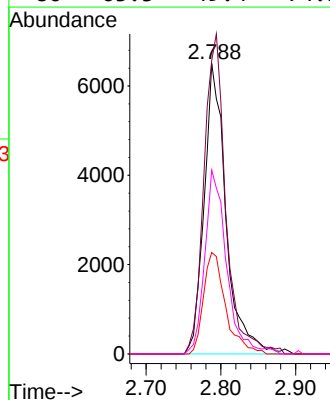
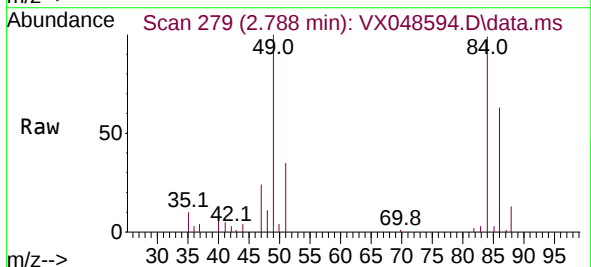
Instrument :
MSVOA_X
ClientSampleId :
AU-713-COMP-03

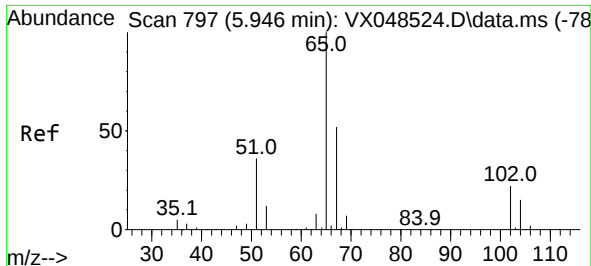
Tgt Ion: 43 Resp: 3505
Ion Ratio Lower Upper
43 100
74 20.1 19.1 28.7



#20
Methylene Chloride
Concen: 7.569 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048594.D
Acq: 13 Nov 2025 14:43

Tgt Ion: 84 Resp: 13222
Ion Ratio Lower Upper
84 100
49 101.0 91.2 136.8
51 34.9 28.3 42.5
86 63.3 49.4 74.2





#33

1,2-Dichloroethane-d4

Concen: 58.877 ug/l

RT: 5.940 min Scan# 797

Delta R.T. -0.007 min

Lab File: VX048594.D

Acq: 13 Nov 2025 14:43

Instrument :

MSVOA_X

ClientSampleId :

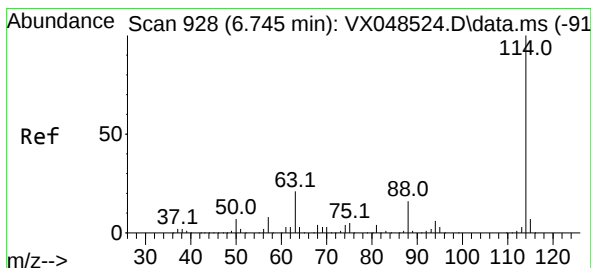
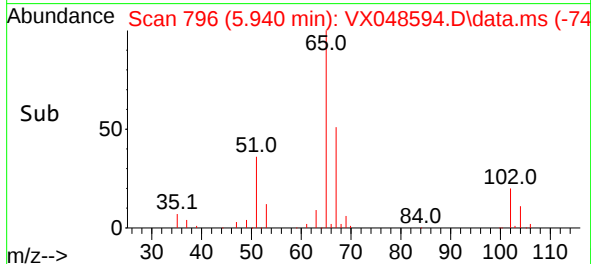
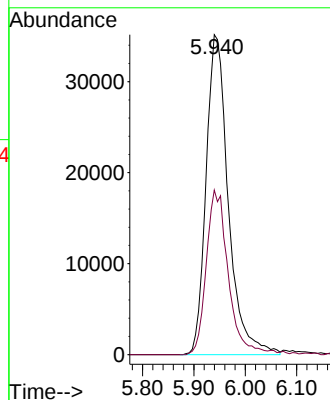
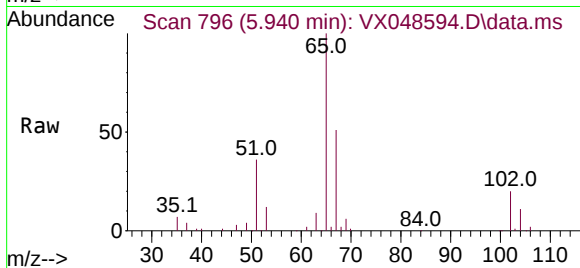
AU-713-COMP-03

Tgt Ion: 65 Resp: 105688

Ion Ratio Lower Upper

65 100

67 51.1 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.750 min Scan# 929

Delta R.T. 0.006 min

Lab File: VX048594.D

Acq: 13 Nov 2025 14:43

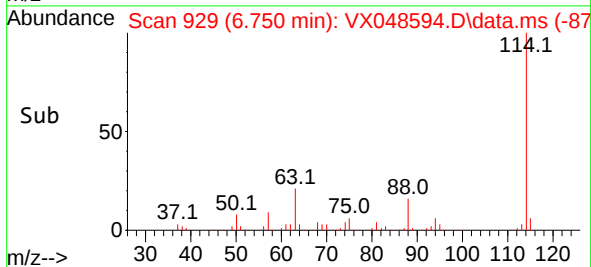
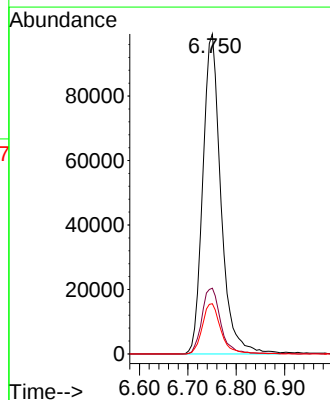
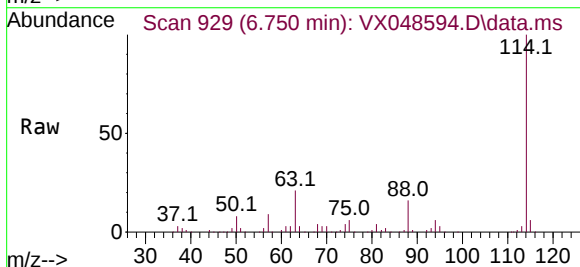
Tgt Ion: 114 Resp: 258100

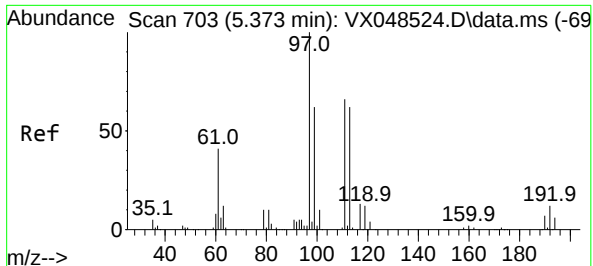
Ion Ratio Lower Upper

114 100

63 20.5 0.0 41.2

88 15.7 0.0 32.2





#35

Dibromofluoromethane

Concen: 45.558 ug/l

RT: 5.373 min Scan# 703

Delta R.T. -0.000 min

Lab File: VX048594.D

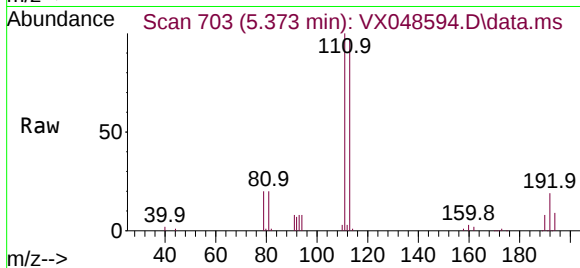
Acq: 13 Nov 2025 14:43

Instrument :

MSVOA_X

ClientSampleId :

AU-713-COMP-03



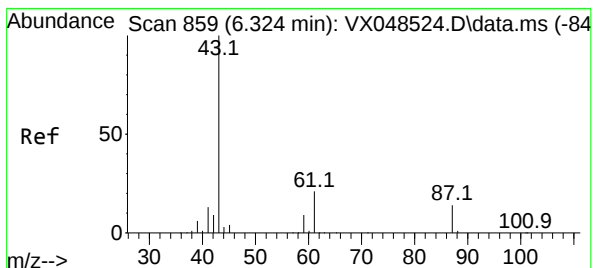
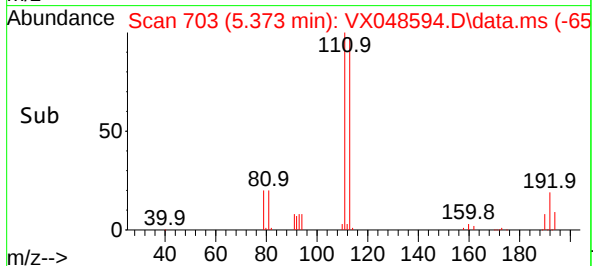
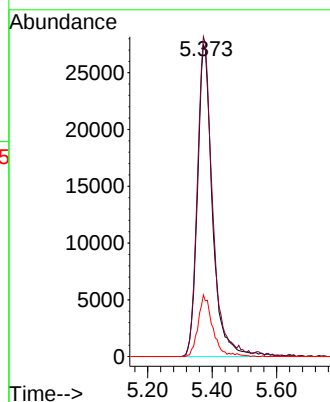
Tgt Ion:113 Resp: 88995

Ion Ratio Lower Upper

113 100

111 103.5 81.9 122.9

192 19.2 15.8 23.6



#43

Isopropyl Acetate

Concen: 2.518 ug/l

RT: 6.330 min Scan# 860

Delta R.T. 0.006 min

Lab File: VX048594.D

Acq: 13 Nov 2025 14:43

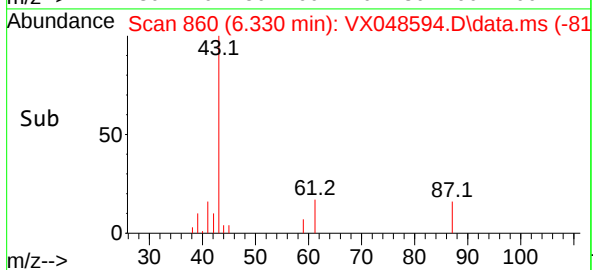
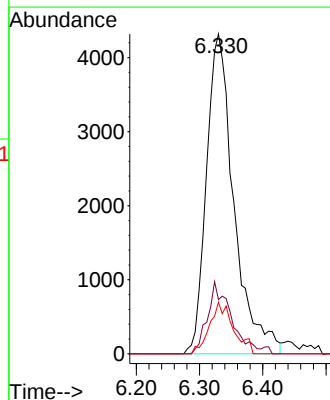
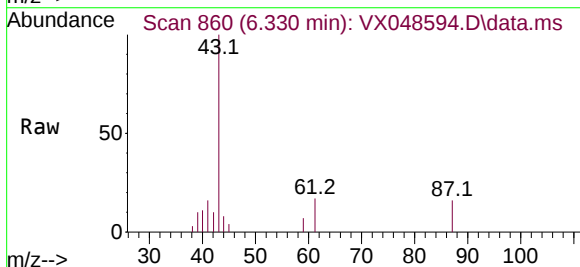
Tgt Ion: 43 Resp: 13031

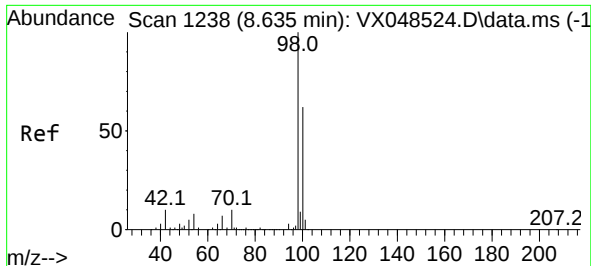
Ion Ratio Lower Upper

43 100

61 19.4 16.2 24.4

87 14.0 10.9 16.3

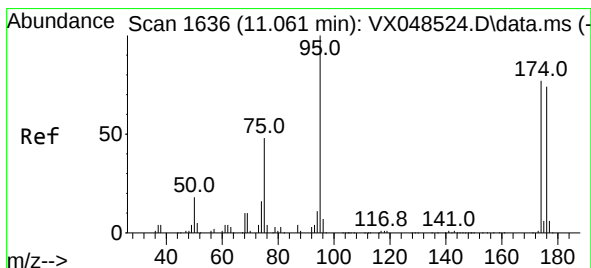
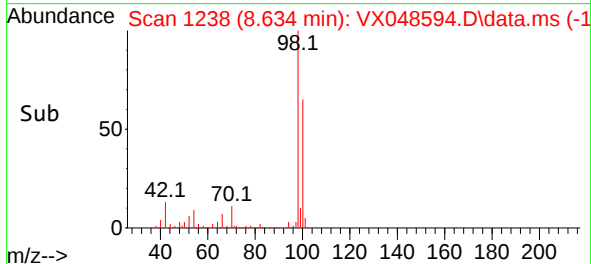
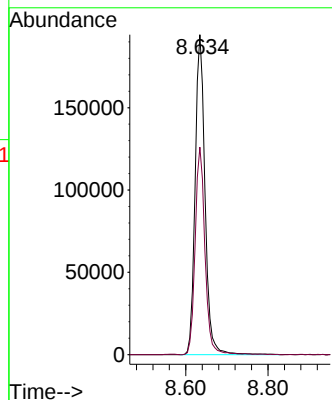
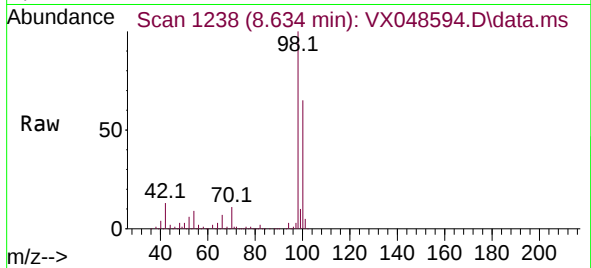




#50
Toluene-d8
Concen: 53.024 ug/l
RT: 8.634 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048594.D
Acq: 13 Nov 2025 14:43

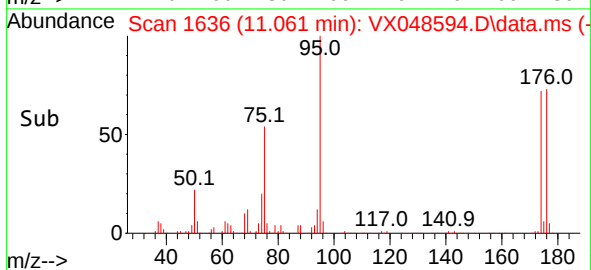
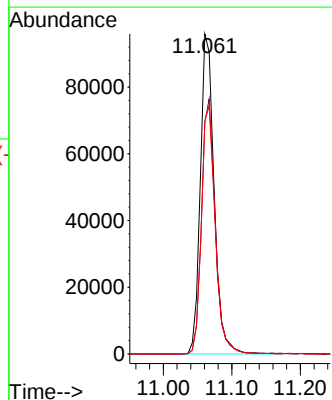
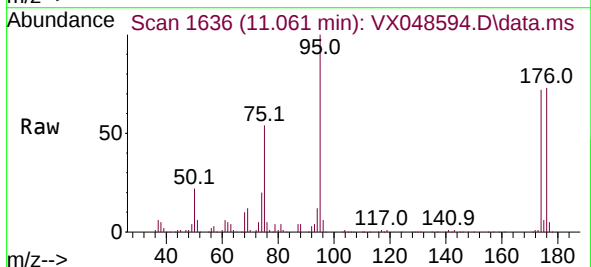
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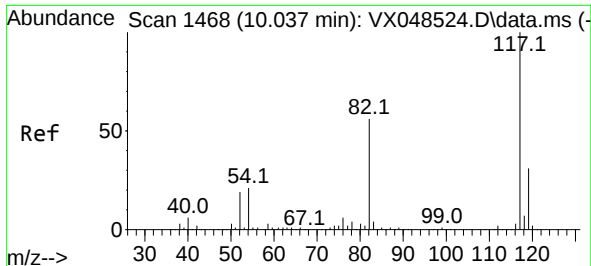
Tgt Ion: 98 Resp: 323053
Ion Ratio Lower Upper
98 100
100 64.5 53.6 80.4



#62
4-Bromofluorobenzene
Concen: 58.572 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048594.D
Acq: 13 Nov 2025 14:43

Tgt Ion: 95 Resp: 132987
Ion Ratio Lower Upper
95 100
174 79.4 0.0 161.8
176 77.7 0.0 153.6

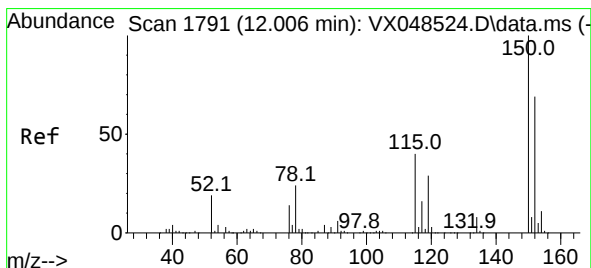
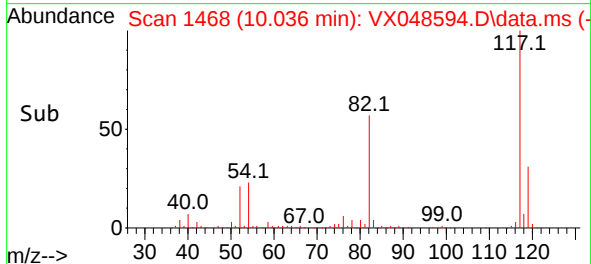
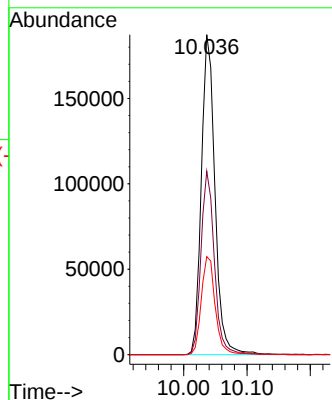
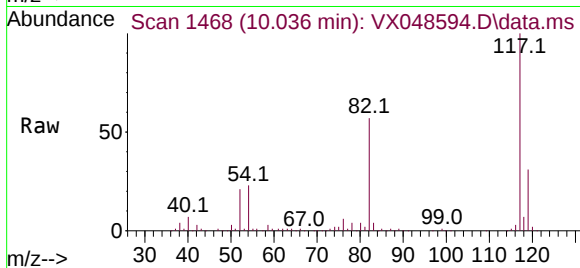




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.036 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048594.D
Acq: 13 Nov 2025 14:43

Instrument :
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Tgt Ion:117 Resp: 278287
Ion Ratio Lower Upper
117 100
82 57.3 44.4 66.6
119 30.6 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048594.D
Acq: 13 Nov 2025 14:43

Tgt Ion:152 Resp: 144149
Ion Ratio Lower Upper
152 100
115 59.6 39.2 117.6
150 156.1 0.0 347.0

