

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111325\
 Data File : VX048596.D
 Acq On : 13 Nov 2025 15:25
 Operator : JC/MD
 Sample : Q3609-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 AU-713-COMP-05

Quant Time: Nov 14 03:59:19 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)

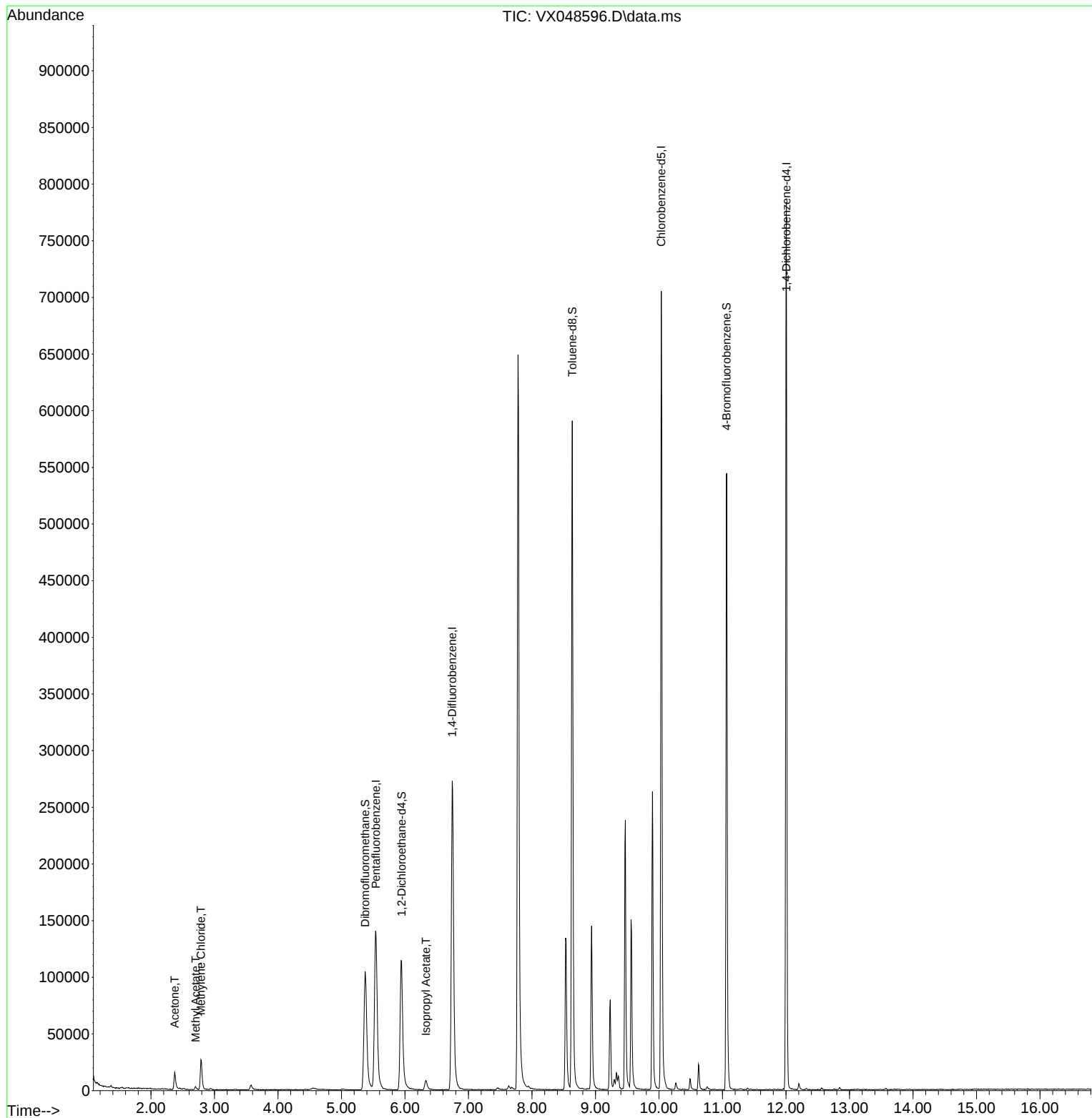
Internal Standards						
1) Pentafluorobenzene	5.544	168	145802	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	297128	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	325195	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	167787	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	128418	63.209	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	126.420%#
35) Dibromofluoromethane	5.373	113	101312	45.051	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.100%
50) Toluene-d8	8.635	98	361763	51.579	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	103.160%
62) 4-Bromofluorobenzene	11.061	95	154470	59.098	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	118.200%
Target Compounds						
					Qvalue	
16) Acetone	2.374	43	19146	19.909	ug/l	98
18) Methyl Acetate	2.703	43	3674	1.390	ug/l	97
20) Methylene Chloride	2.788	84	13606	6.882	ug/l	97
43) Isopropyl Acetate	6.330	43	12981	2.179	ug/l	99

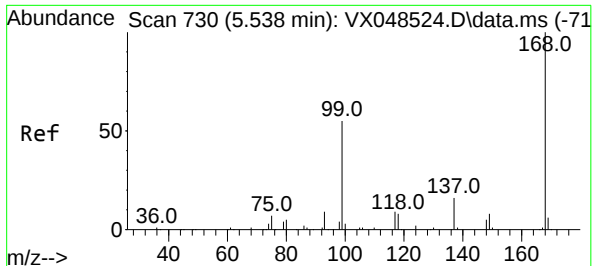
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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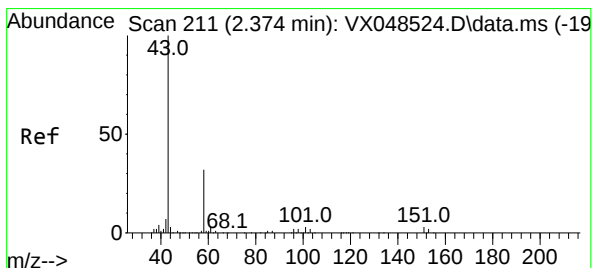
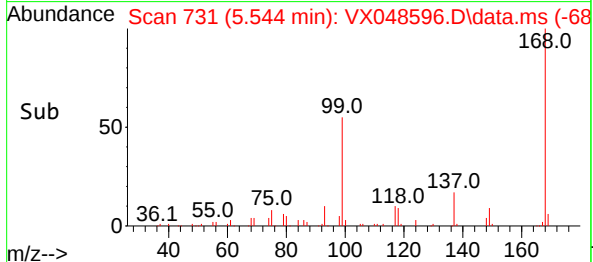
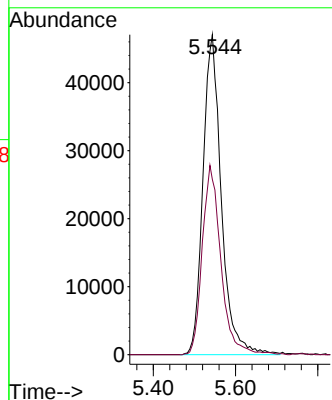
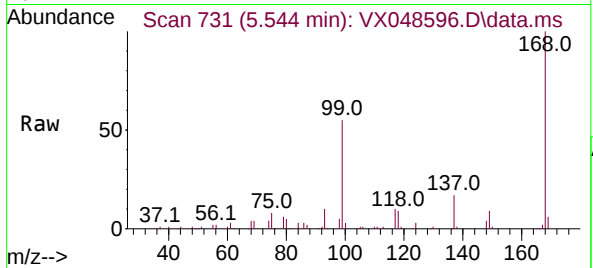




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.006 min
Lab File: VX048596.D
Acq: 13 Nov 2025 15:25

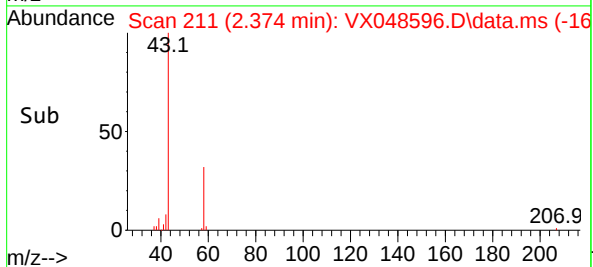
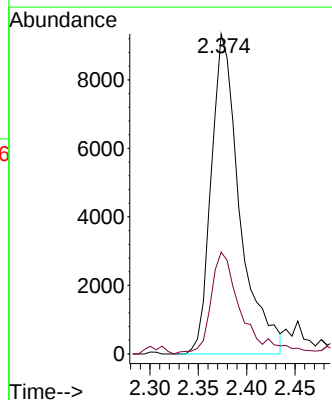
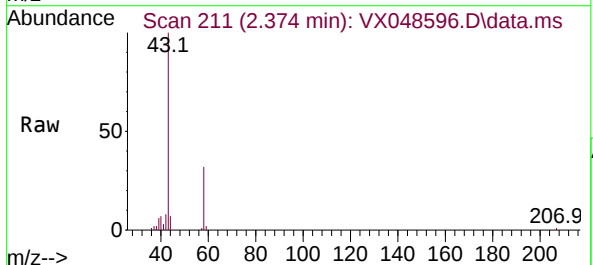
Instrument :
MSVOA_X
ClientSampleId :
AU-713-COMP-05

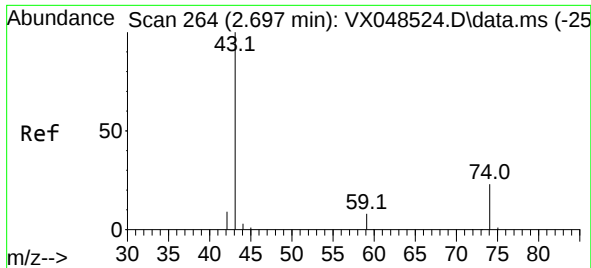
Tgt Ion:168 Resp: 145802
Ion Ratio Lower Upper
168 100
99 54.7 45.2 67.8



#16
Acetone
Concen: 19.909 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048596.D
Acq: 13 Nov 2025 15:25

Tgt Ion: 43 Resp: 19146
Ion Ratio Lower Upper
43 100
58 31.1 25.8 38.6





#18

Methyl Acetate

Concen: 1.390 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.006 min

Lab File: VX048596.D

Acq: 13 Nov 2025 15:25

Instrument :

MSVOA_X

ClientSampleId :

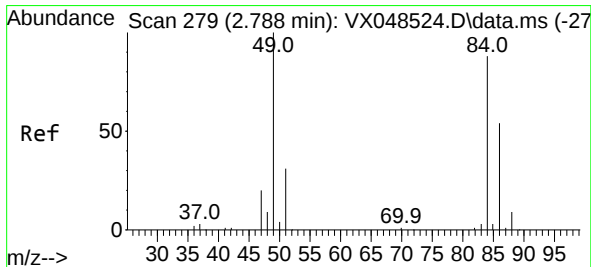
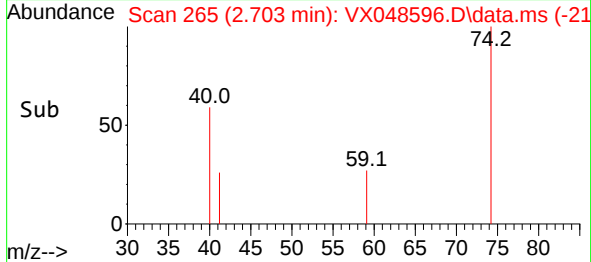
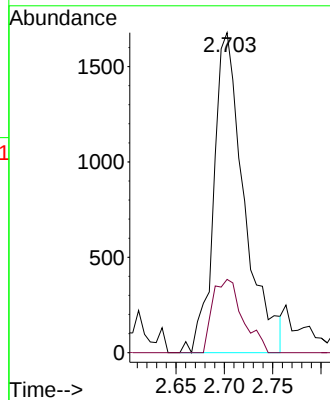
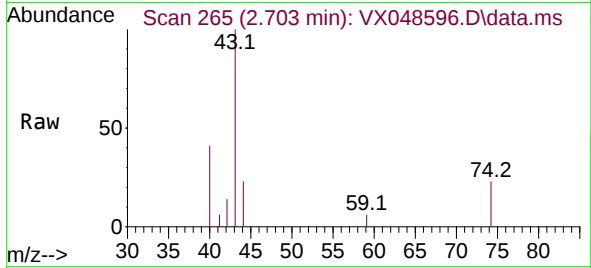
AU-713-COMP-05

Tgt Ion: 43 Resp: 3674

Ion Ratio Lower Upper

43 100

74 22.6 19.1 28.7



#20

Methylene Chloride

Concen: 6.882 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX048596.D

Acq: 13 Nov 2025 15:25

Tgt Ion: 84 Resp: 13606

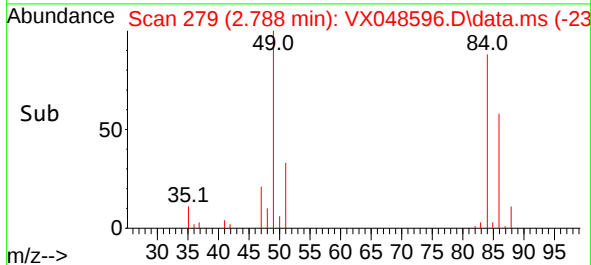
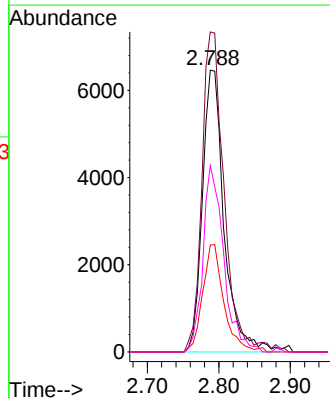
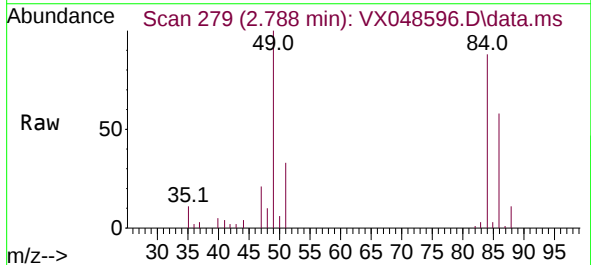
Ion Ratio Lower Upper

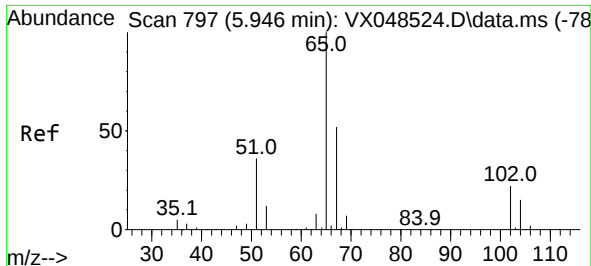
84 100

49 113.6 91.2 136.8

51 37.9 28.3 42.5

86 66.1 49.4 74.2





#33

1,2-Dichloroethane-d4

Concen: 63.209 ug/l

RT: 5.946 min Scan# 797

Delta R.T. -0.000 min

Lab File: VX048596.D

Acq: 13 Nov 2025 15:25

Instrument :

MSVOA_X

ClientSampleId :

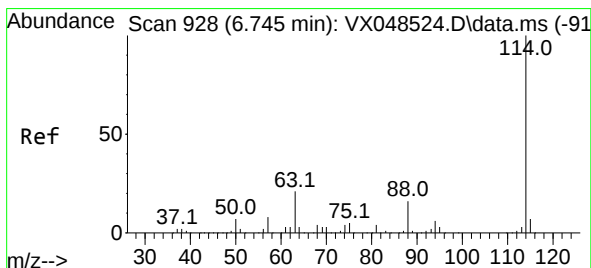
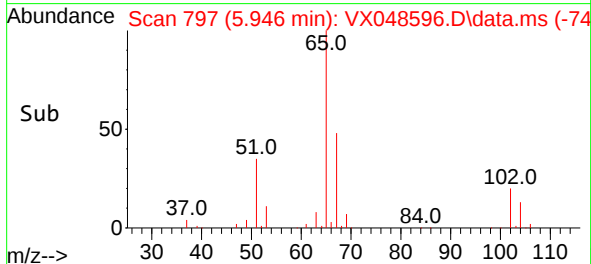
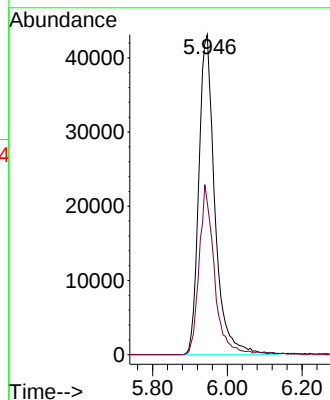
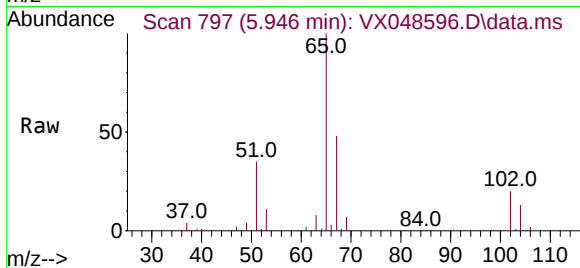
AU-713-COMP-05

Tgt Ion: 65 Resp: 128418

Ion Ratio Lower Upper

65 100

67 49.9 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.745 min Scan# 928

Delta R.T. -0.000 min

Lab File: VX048596.D

Acq: 13 Nov 2025 15:25

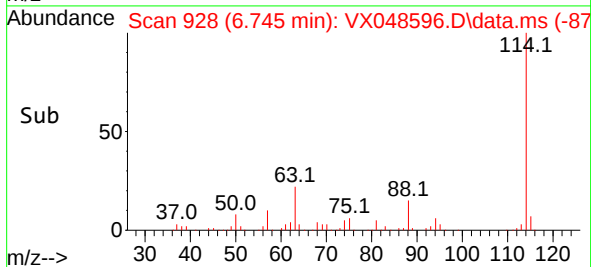
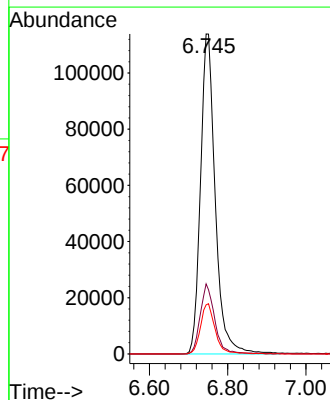
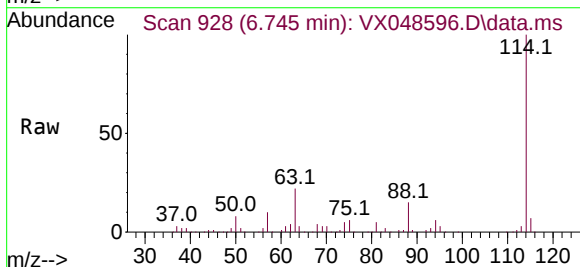
Tgt Ion: 114 Resp: 297128

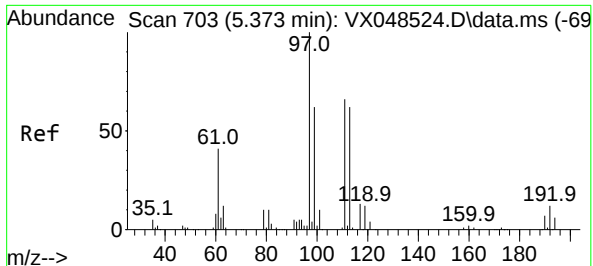
Ion Ratio Lower Upper

114 100

63 21.9 0.0 41.2

88 15.3 0.0 32.2





#35

Dibromofluoromethane

Concen: 45.051 ug/l

RT: 5.373 min Scan# 703

Delta R.T. -0.000 min

Lab File: VX048596.D

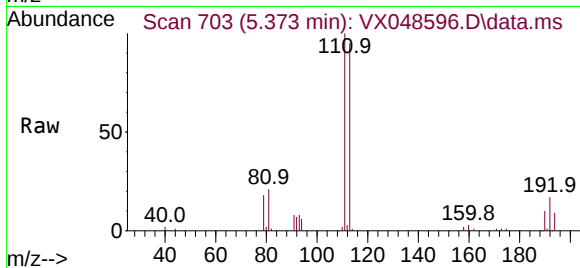
Acq: 13 Nov 2025 15:25

Instrument :

MSVOA_X

ClientSampleId :

AU-713-COMP-05



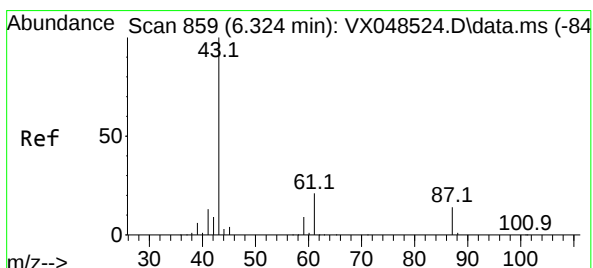
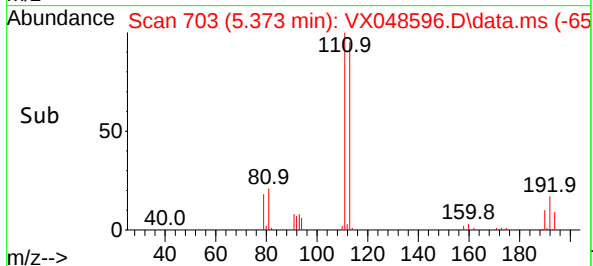
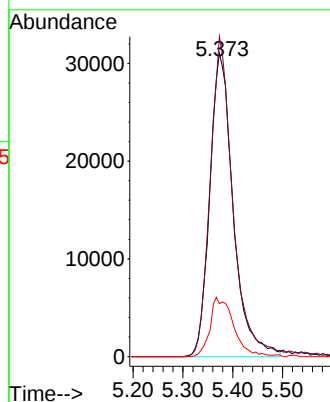
Tgt Ion:113 Resp: 101312

Ion Ratio Lower Upper

113 100

111 102.2 81.9 122.9

192 19.6 15.8 23.6



#43

Isopropyl Acetate

Concen: 2.179 ug/l

RT: 6.330 min Scan# 860

Delta R.T. 0.006 min

Lab File: VX048596.D

Acq: 13 Nov 2025 15:25

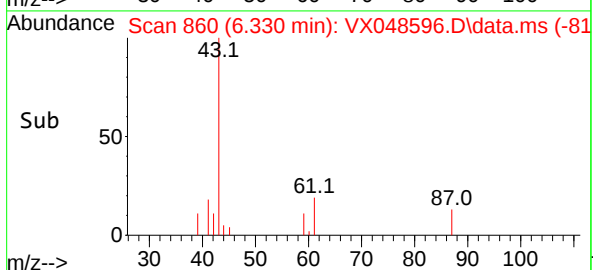
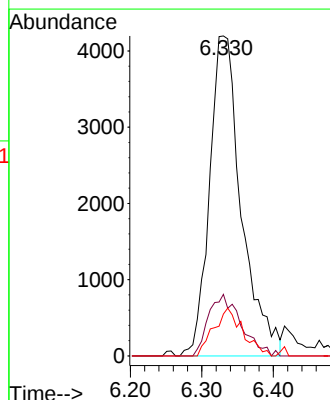
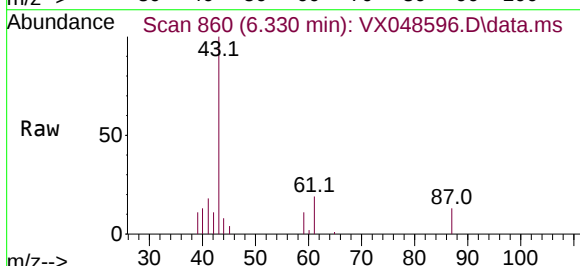
Tgt Ion: 43 Resp: 12981

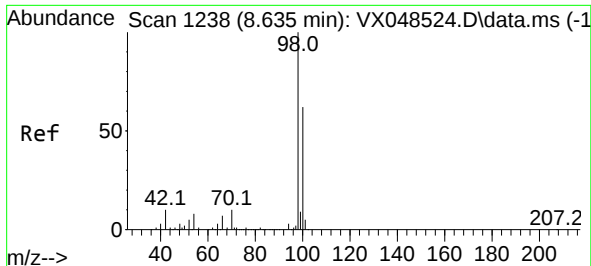
Ion Ratio Lower Upper

43 100

61 19.7 16.2 24.4

87 13.6 10.9 16.3

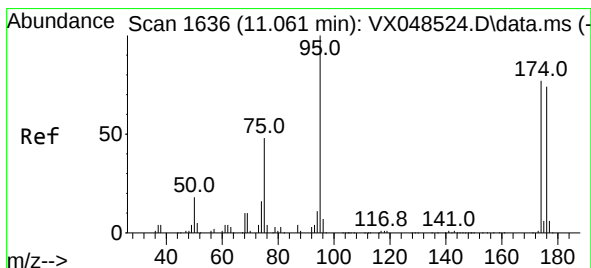
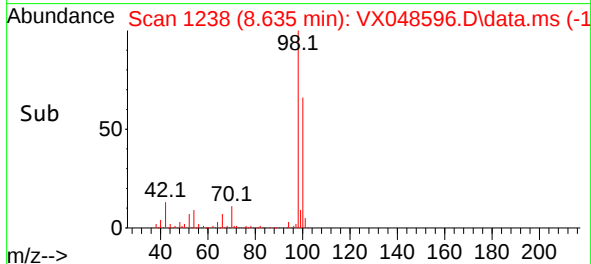
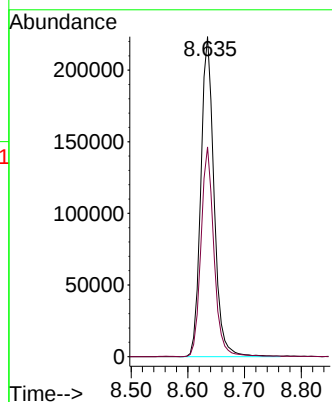
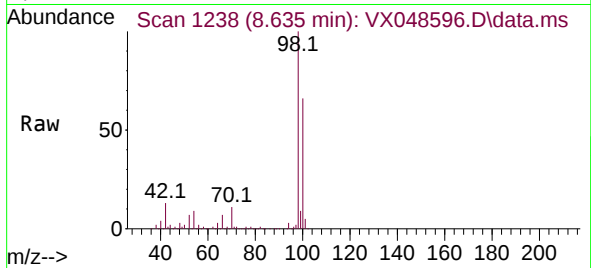




#50
Toluene-d8
Concen: 51.579 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048596.D
Acq: 13 Nov 2025 15:25

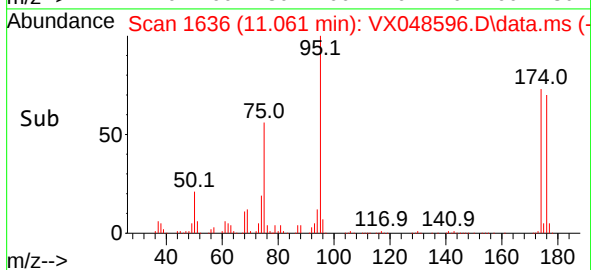
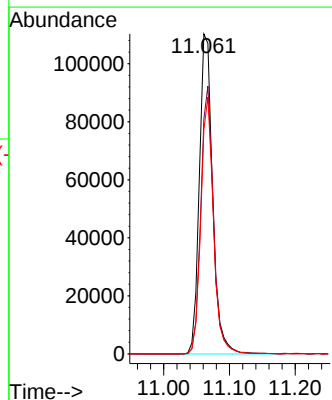
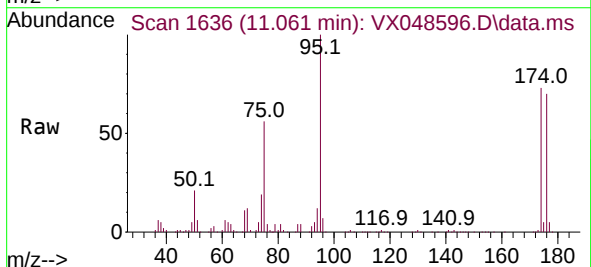
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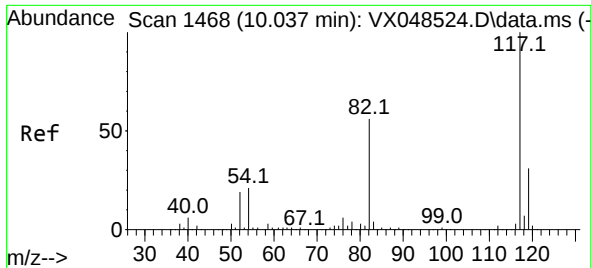
Tgt Ion: 98 Resp: 361763
Ion Ratio Lower Upper
98 100
100 64.4 53.6 80.4



#62
4-Bromofluorobenzene
Concen: 59.098 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048596.D
Acq: 13 Nov 2025 15:25

Tgt Ion: 95 Resp: 154470
Ion Ratio Lower Upper
95 100
174 80.8 0.0 161.8
176 76.4 0.0 153.6

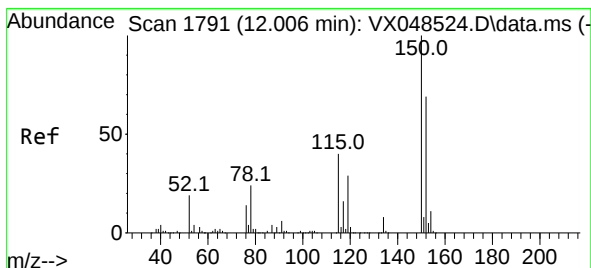
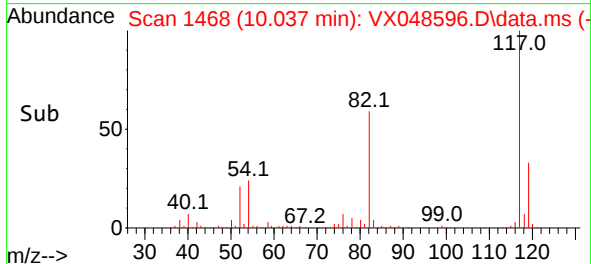
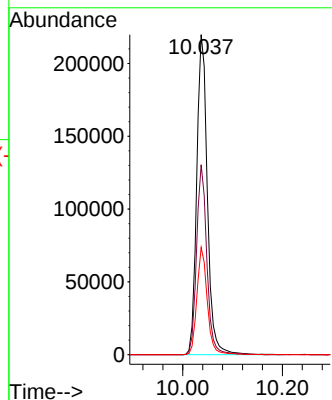
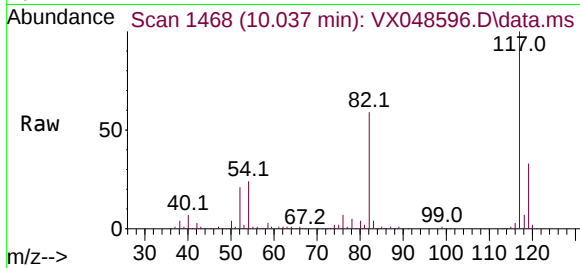




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048596.D
Acq: 13 Nov 2025 15:25

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:117 Resp: 325195
Ion Ratio Lower Upper
117 100
82 59.3 44.4 66.6
119 33.5 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: VX048596.D
Acq: 13 Nov 2025 15:25

Tgt Ion:152 Resp: 167787
Ion Ratio Lower Upper
152 100
115 58.8 39.2 117.6
150 156.5 0.0 347.0

