

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091925\
 Data File : VX047683.D
 Acq On : 19 Sep 2025 17:40
 Operator : JC/MD
 Sample : Q3097-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE105D1-20250911

Quant Time: Sep 20 00:36:08 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)

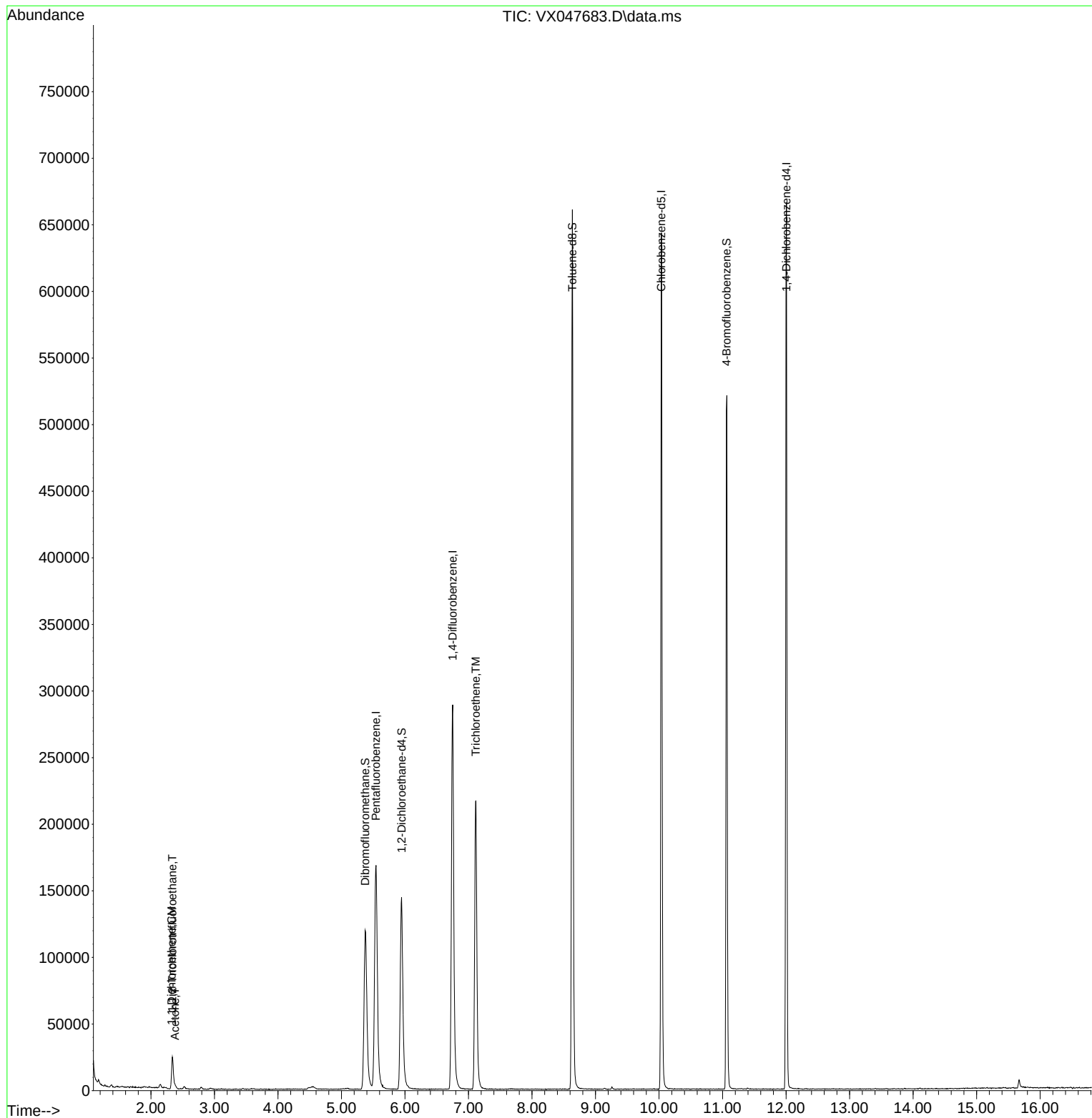
Internal Standards						
1) Pentafluorobenzene	5.544	168	171618	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	317965	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	289328	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	137612	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	154083	56.405	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	112.800%
35) Dibromofluoromethane	5.373	113	116291	54.534	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.060%
50) Toluene-d8	8.635	98	401515	54.415	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	108.840%
62) 4-Bromofluorobenzene	11.061	95	154347	55.117	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	110.240%
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.337	101	10394	5.236	ug/l	100
12) 1,1-Dichloroethene	2.325	96	1056	0.518	ug/l #	87
16) Acetone	2.380	43	1714	1.443	ug/l #	88
44) Trichloroethene	7.117	130	93951	41.061	ug/l	93

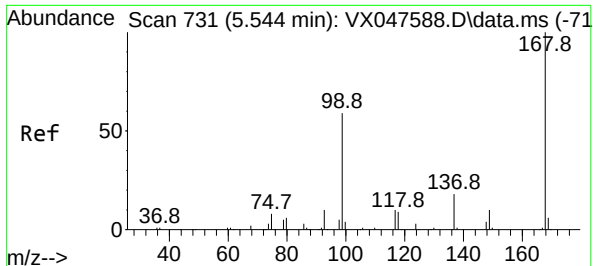
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Sep 17 06:39:58 2025
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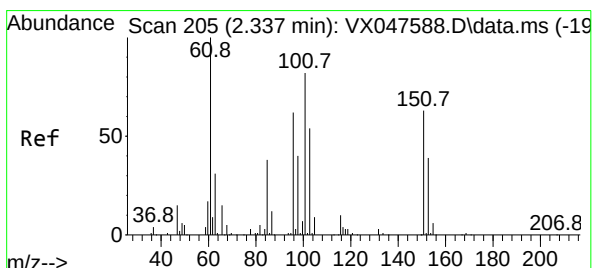
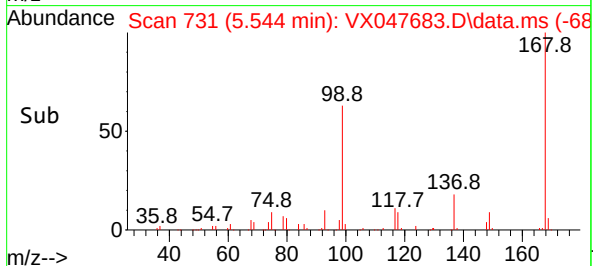
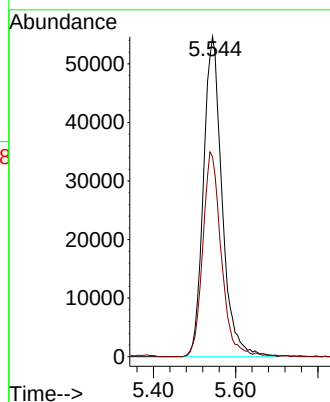
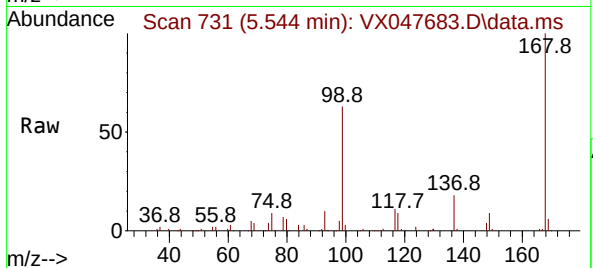




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047683.D
Acq: 19 Sep 2025 17:40

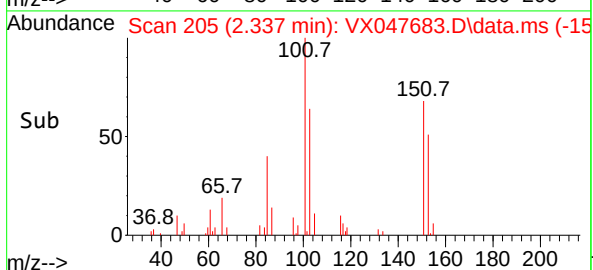
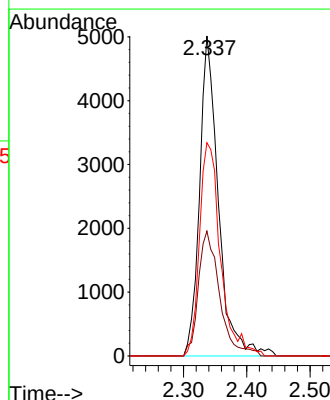
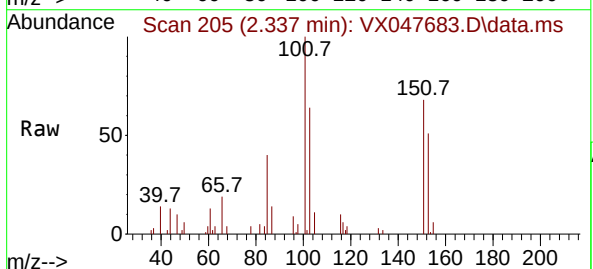
Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20250911

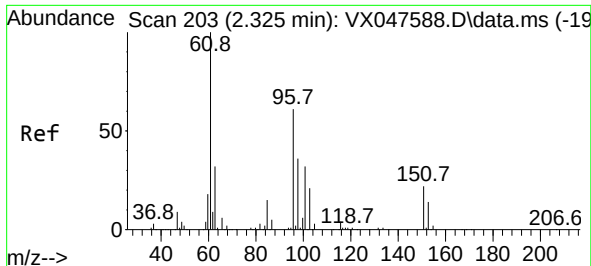
Tgt Ion:168 Resp: 171618
Ion Ratio Lower Upper
168 100
99 62.5 48.8 73.2



#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.236 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX047683.D
Acq: 19 Sep 2025 17:40

Tgt Ion:101 Resp: 10394
Ion Ratio Lower Upper
101 100
85 44.0 35.5 53.3
151 73.9 59.4 89.0





#12

1,1-Dichloroethene

Concen: 0.518 ug/l

RT: 2.325 min Scan# 203

Delta R.T. -0.000 min

Lab File: VX047683.D

Acq: 19 Sep 2025 17:40

Instrument :

MSVOA_X

ClientSampleId :

RE105D1-20250911

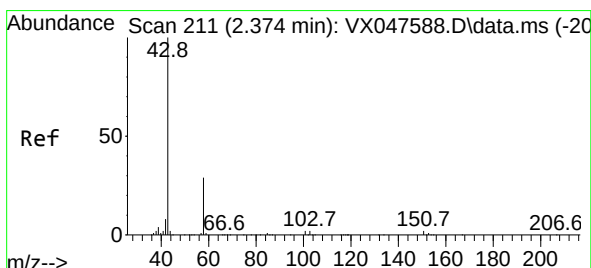
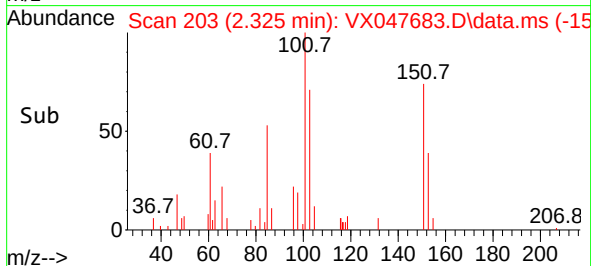
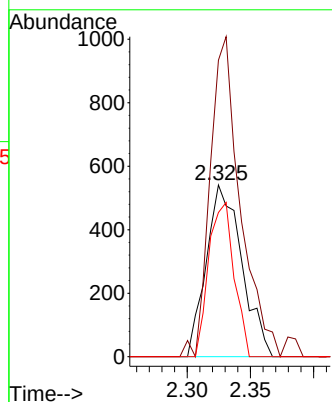
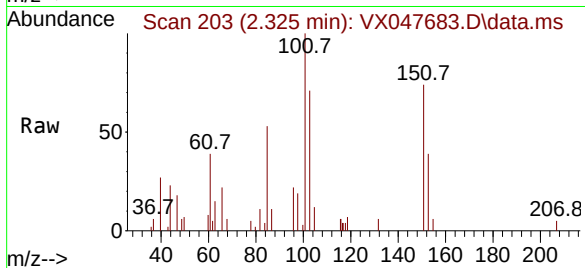
Tgt Ion: 96 Resp: 1056

Ion Ratio Lower Upper

96 100

61 172.6 131.0 196.6

98 83.9 47.7 71.5#



#16

Acetone

Concen: 1.443 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.006 min

Lab File: VX047683.D

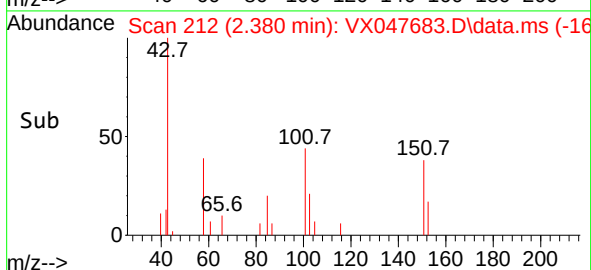
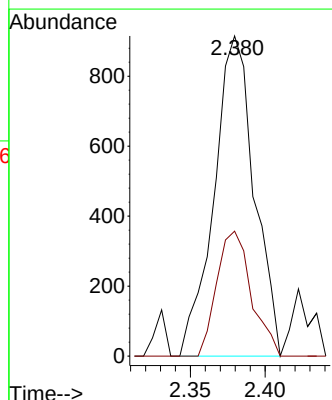
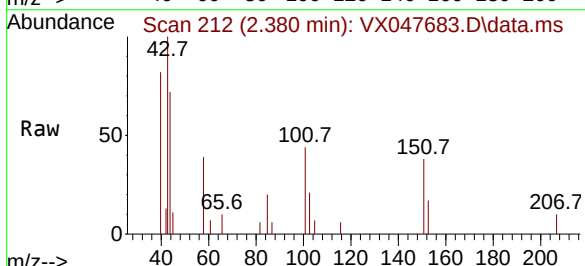
Acq: 19 Sep 2025 17:40

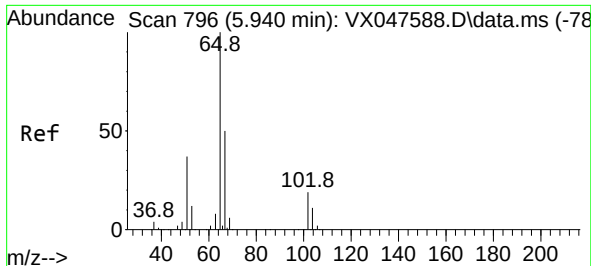
Tgt Ion: 43 Resp: 1714

Ion Ratio Lower Upper

43 100

58 22.7 23.4 35.0#





#33

1,2-Dichloroethane-d4

Concen: 56.405 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX047683.D

Acq: 19 Sep 2025 17:40

Instrument :

MSVOA_X

ClientSampleId :

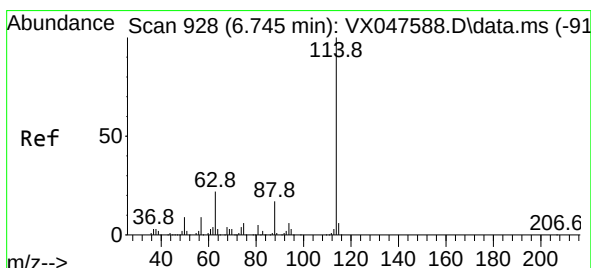
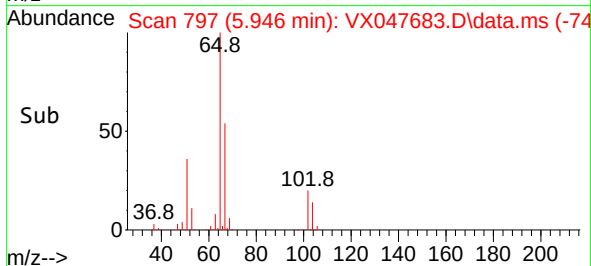
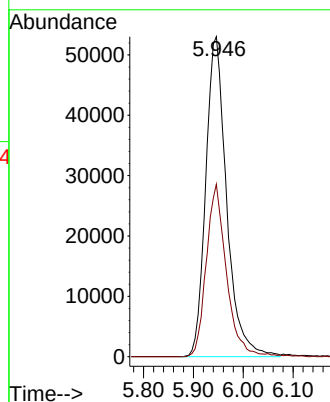
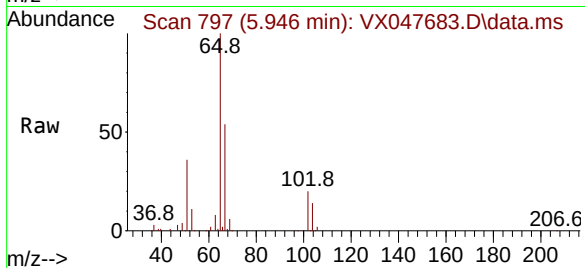
RE105D1-20250911

Tgt Ion: 65 Resp: 154083

Ion Ratio Lower Upper

65 100

67 52.1 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: VX047683.D

Acq: 19 Sep 2025 17:40

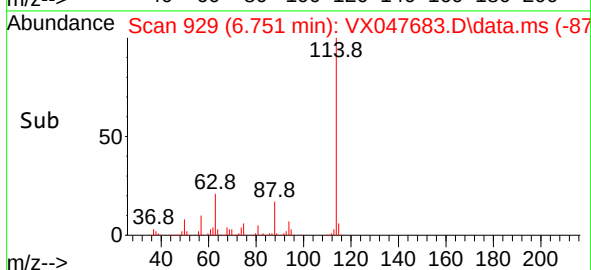
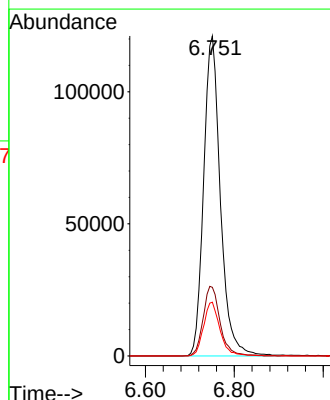
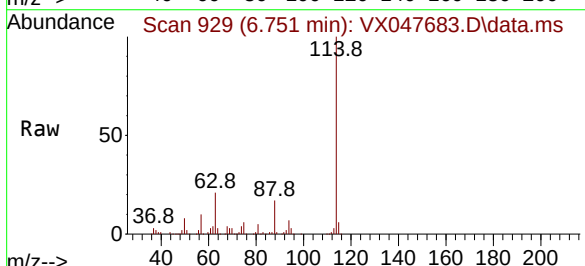
Tgt Ion: 114 Resp: 317965

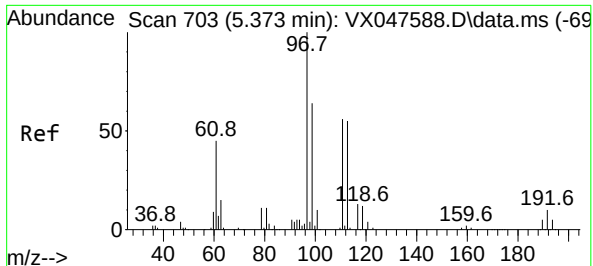
Ion Ratio Lower Upper

114 100

63 21.4 0.0 44.0

88 16.8 0.0 34.2

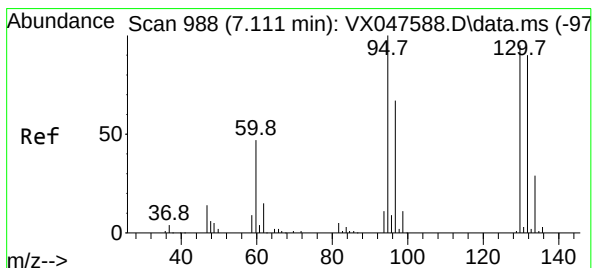
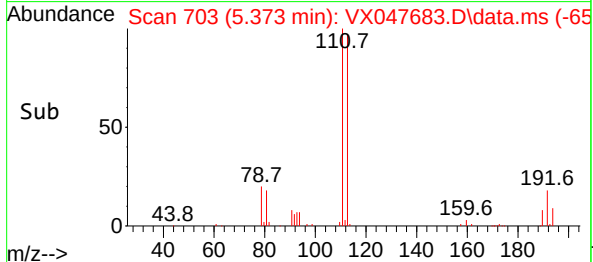
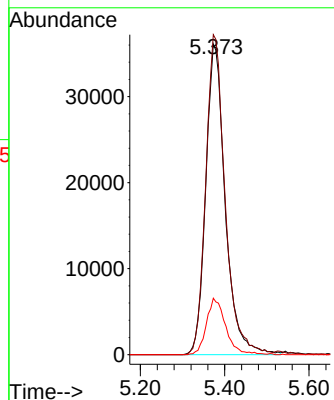
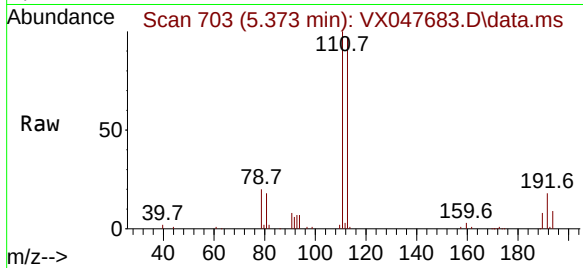




#35
Dibromofluoromethane
Concen: 54.534 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047683.D
Acq: 19 Sep 2025 17:40

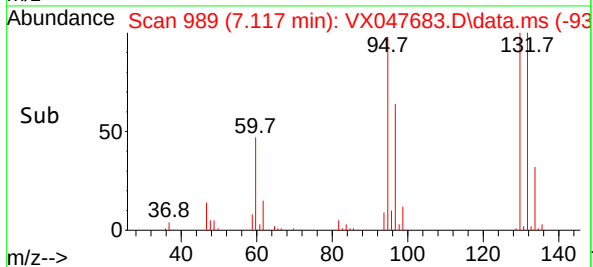
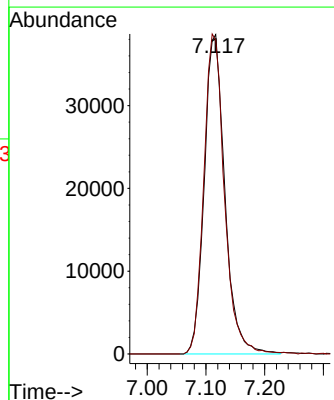
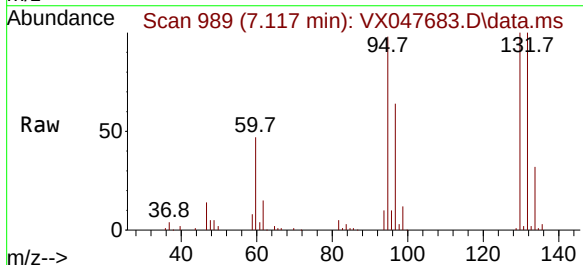
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MSVOA_X
ClientSampleId :
RE105D1-20250911

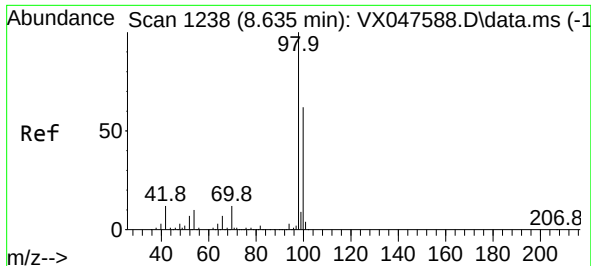
Tgt Ion:113 Resp: 116291
Ion Ratio Lower Upper
113 100
111 102.4 80.9 121.3
192 17.9 14.2 21.4



#44
Trichloroethene
Concen: 41.061 ug/l
RT: 7.117 min Scan# 989
Delta R.T. 0.006 min
Lab File: VX047683.D
Acq: 19 Sep 2025 17:40

Tgt Ion:130 Resp: 93951
Ion Ratio Lower Upper
130 100
95 98.2 0.0 210.8

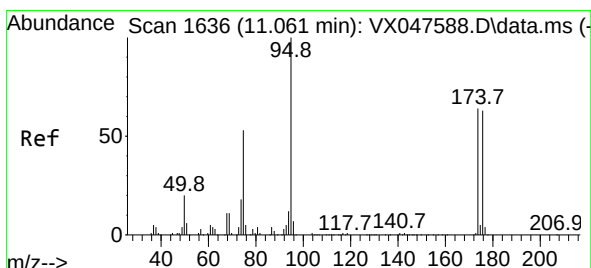
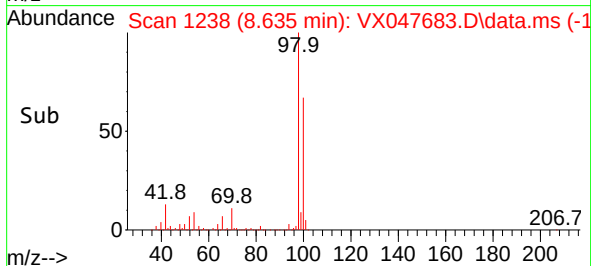
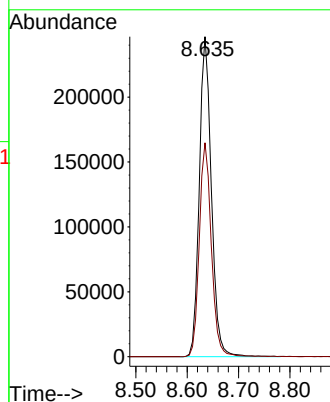
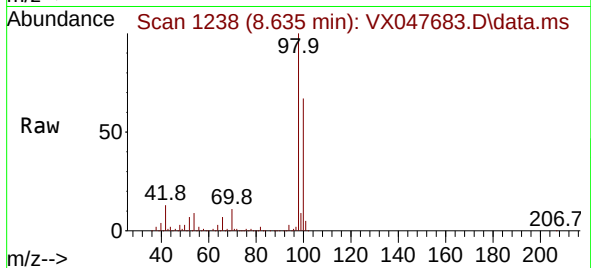




#50
Toluene-d8
Concen: 54.415 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047683.D
Acq: 19 Sep 2025 17:40

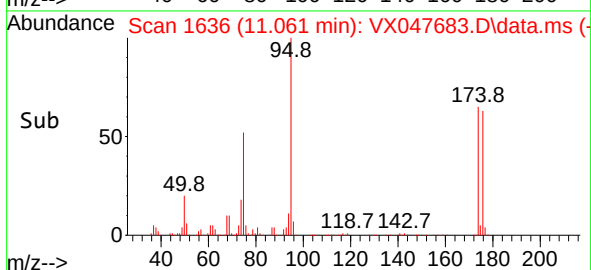
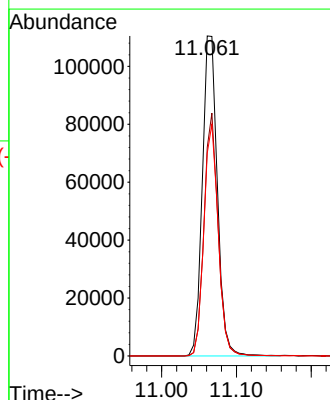
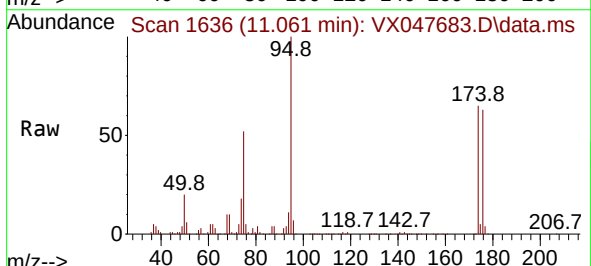
Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20250911

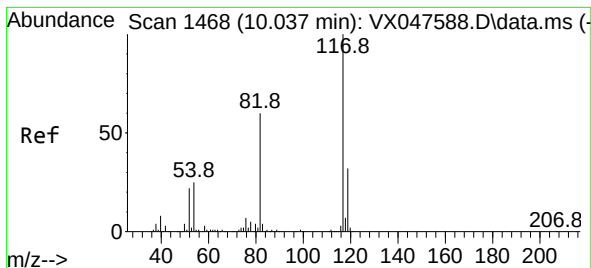
Tgt Ion: 98 Resp: 401515
Ion Ratio Lower Upper
98 100
100 66.8 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 55.117 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047683.D
Acq: 19 Sep 2025 17:40

Tgt Ion: 95 Resp: 154347
Ion Ratio Lower Upper
95 100
174 70.8 0.0 141.6
176 69.4 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: VX047683.D

Acq: 19 Sep 2025 17:40

Instrument :

MSVOA_X

ClientSampleId :

RE105D1-20250911

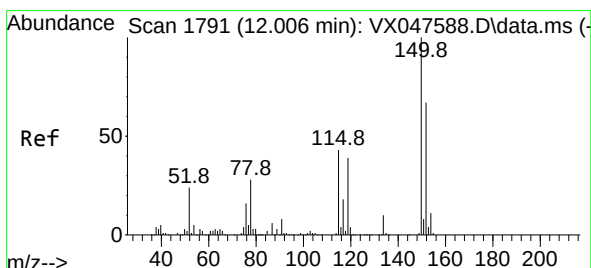
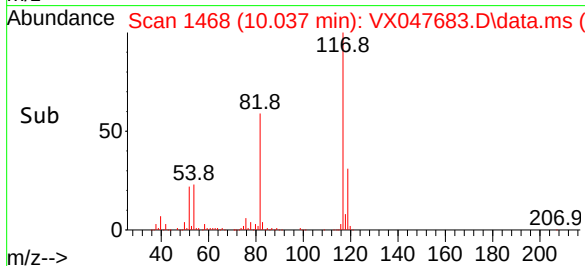
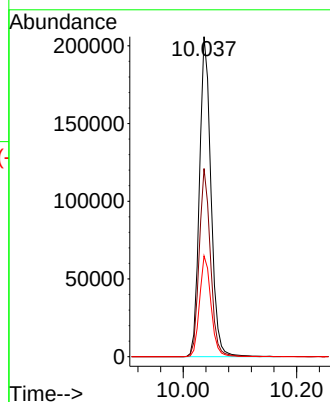
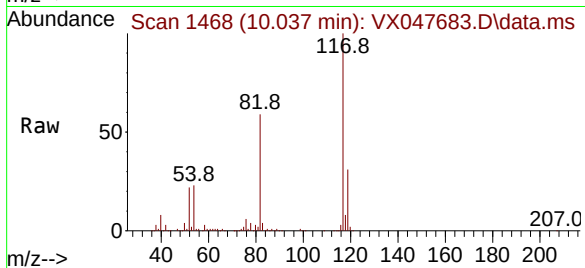
Tgt Ion:117 Resp: 289328

Ion Ratio Lower Upper

117 100

82 58.8 47.8 71.6

119 31.5 25.2 37.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX047683.D

Acq: 19 Sep 2025 17:40

Tgt Ion:152 Resp: 137612

Ion Ratio Lower Upper

152 100

115 63.6 44.9 134.5

150 157.0 0.0 352.0

