

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092225\
 Data File : VX047699.D
 Acq On : 22 Sep 2025 13:25
 Operator : JC/MD
 Sample : Q3097-26RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB01-20250912

Quant Time: Sep 23 01:33:34 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)

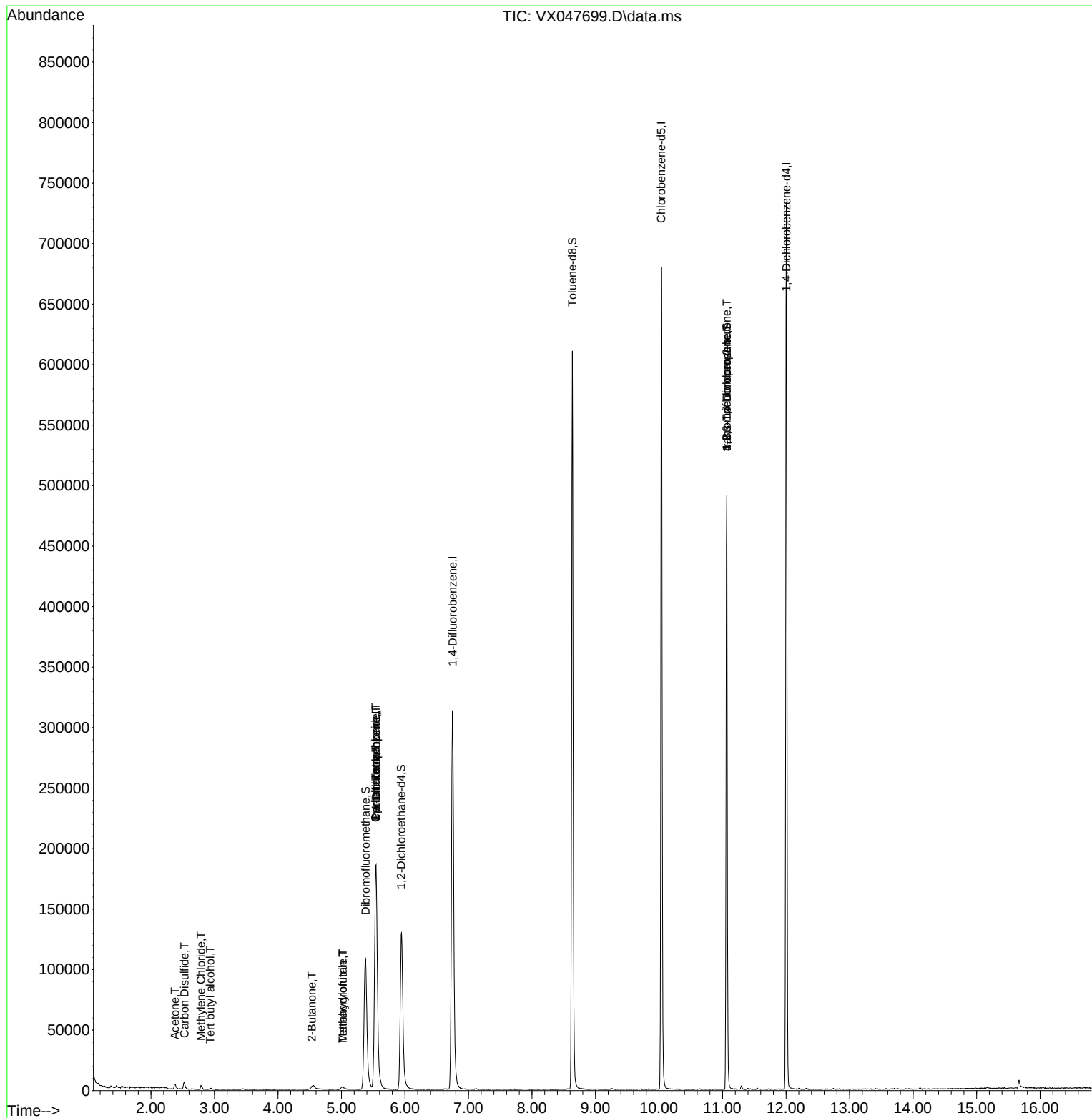
Internal Standards						
1) Pentafluorobenzene	5.543	168	187967	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.750	114	340659	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.036	117	310536	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	150335	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	141569	47.316	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	94.640%	
35) Dibromofluoromethane	5.379	113	107254	46.946	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	93.900%	
50) Toluene-d8	8.634	98	370285	46.840	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	93.680%	
62) 4-Bromofluorobenzene	11.067	95	139707	46.566	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	93.140%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.934	59	466	1.398	ug/l #	72
16) Acetone	2.379	43	6067	4.664	ug/l	93
17) Carbon Disulfide	2.526	76	3257	0.533	ug/l #	93
20) Methylene Chloride	2.788	84	1293	0.470	ug/l	96
25) 2-Butanone	4.531	43	651	0.401	ug/l #	50
29) Tetrahydrofuran	5.019	42	2343	2.400	ug/l #	76
31) Cyclohexane	5.537	56	4138	1.047	ug/l #	1
36) 1,1-Dichloropropene	5.543	75	16051	4.808	ug/l #	46
38) Carbon Tetrachloride	5.537	117	20773	5.727	ug/l #	18
41) Methacrylonitrile	5.019	41	1508	0.817	ug/l #	44
76) 1,2,3-Trichloropropane	11.067	75	73004	23.984	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.067	75	73004	61.164	ug/l #	8

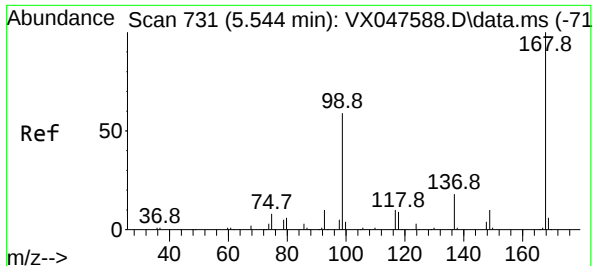
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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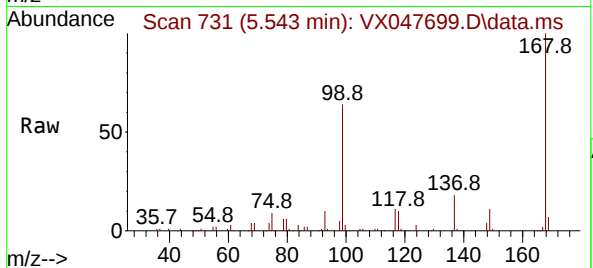
Quant Time: Sep 23 01:33:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
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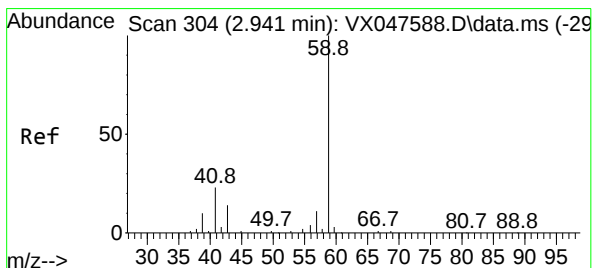
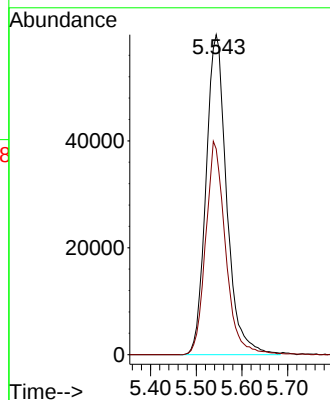
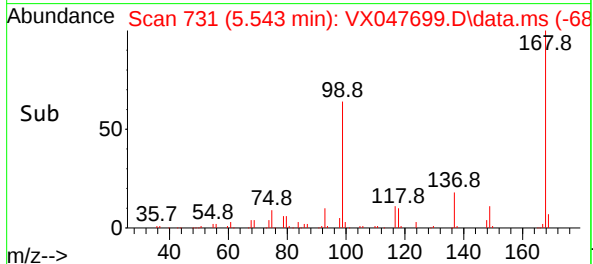


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX047699.D
Acq: 22 Sep 2025 13:25

Instrument :
MSVOA_X
ClientSampleId :
EB01-20250912

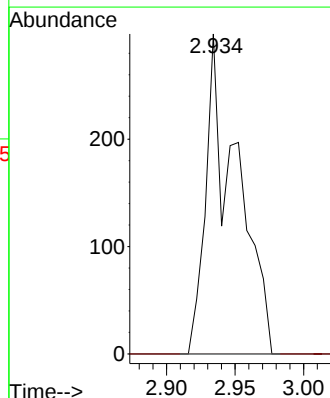
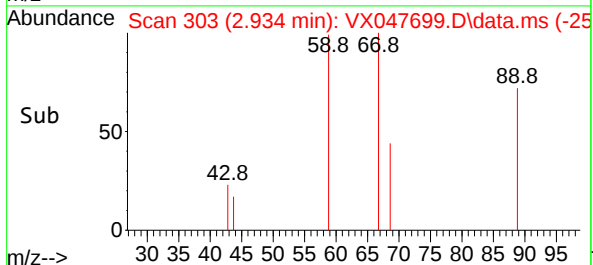
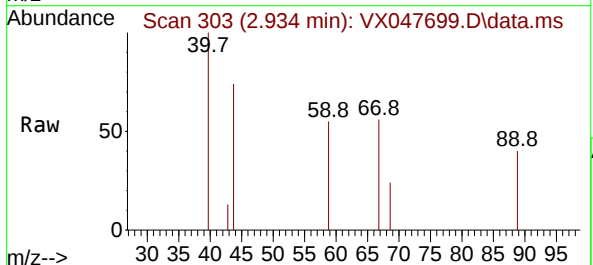


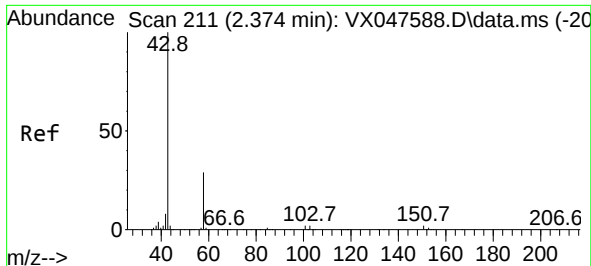
Tgt Ion:168 Resp: 187967
Ion Ratio Lower Upper
168 100
99 64.3 48.8 73.2



#11
Tert butyl alcohol
Concen: 1.398 ug/l
RT: 2.934 min Scan# 303
Delta R.T. -0.007 min
Lab File: VX047699.D
Acq: 22 Sep 2025 13:25

Tgt Ion: 59 Resp: 466
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

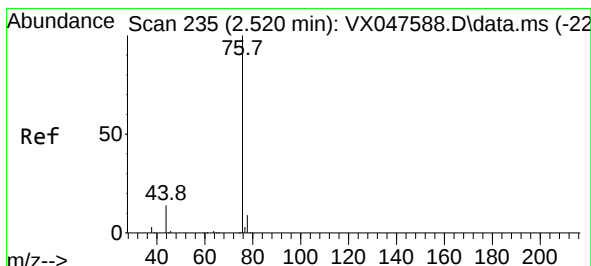
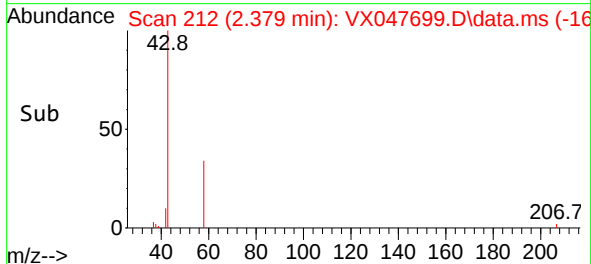
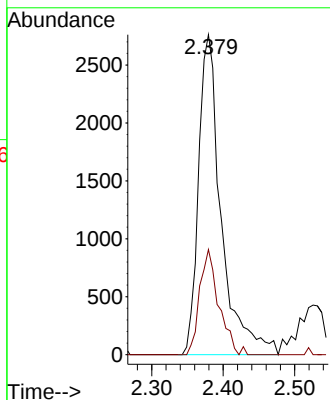
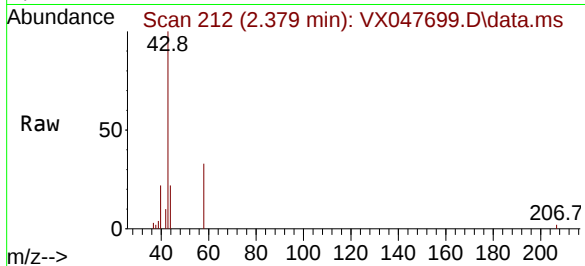




#16
Acetone
Concen: 4.664 ug/l
RT: 2.379 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX047699.D
Acq: 22 Sep 2025 13:25

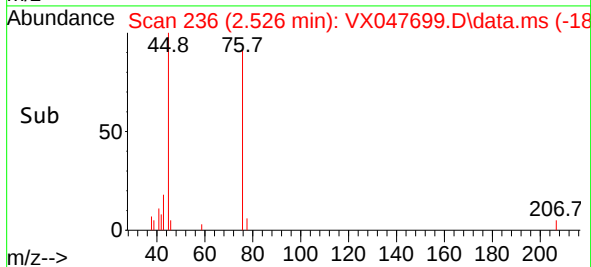
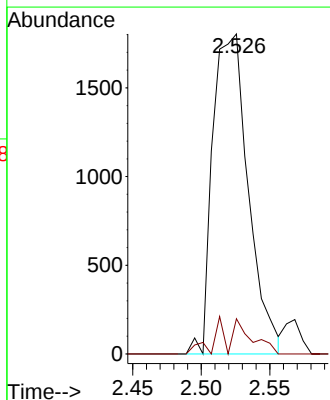
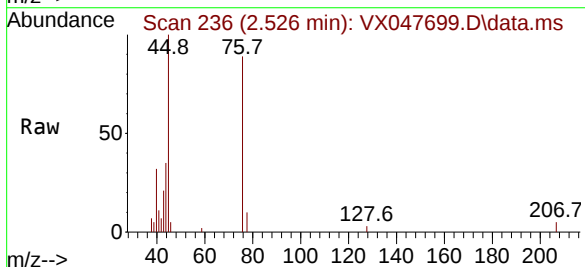
Instrument :
MSVOA_X
ClientSampleId :
EB01-20250912

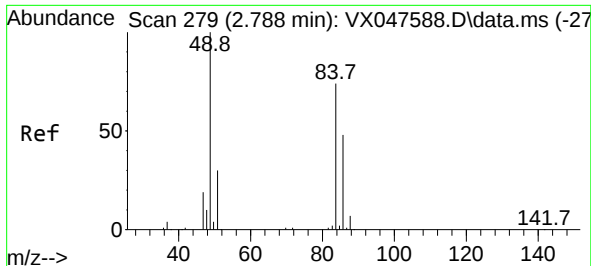
Tgt Ion: 43 Resp: 6067
Ion Ratio Lower Upper
43 100
58 32.8 23.4 35.0



#17
Carbon Disulfide
Concen: 0.533 ug/l
RT: 2.526 min Scan# 236
Delta R.T. 0.006 min
Lab File: VX047699.D
Acq: 22 Sep 2025 13:25

Tgt Ion: 76 Resp: 3257
Ion Ratio Lower Upper
76 100
78 11.0 6.8 10.2#

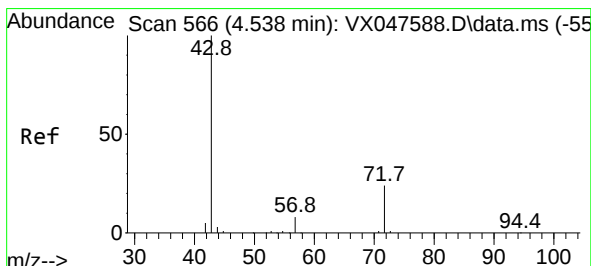
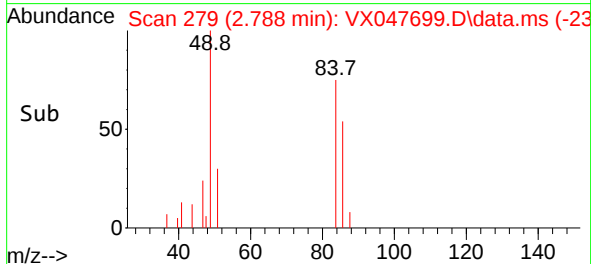
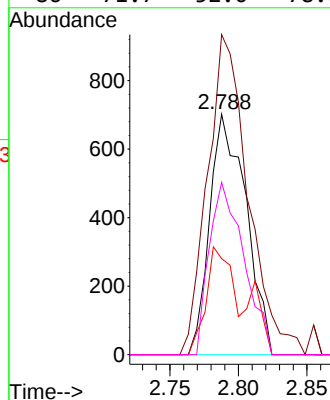
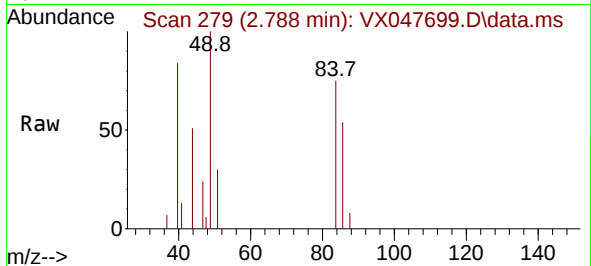




#20
Methylene Chloride
Concen: 0.470 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX047699.D
Acq: 22 Sep 2025 13:25

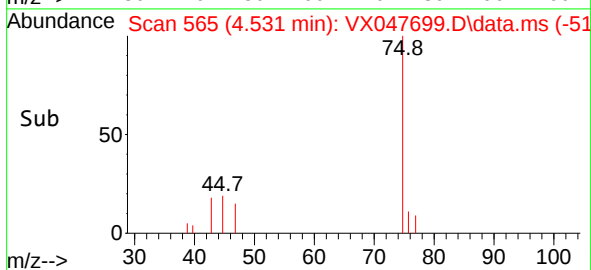
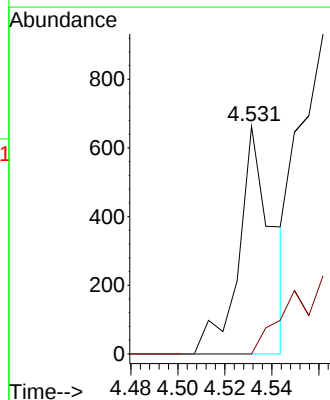
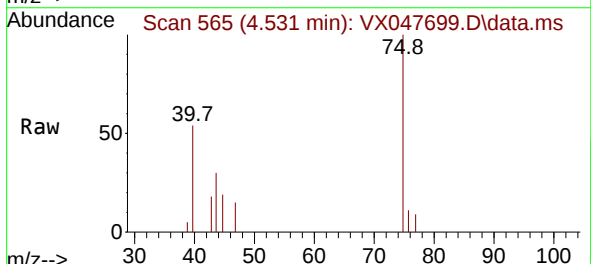
Instrument :
MSVOA_X
ClientSampleId :
EB01-20250912

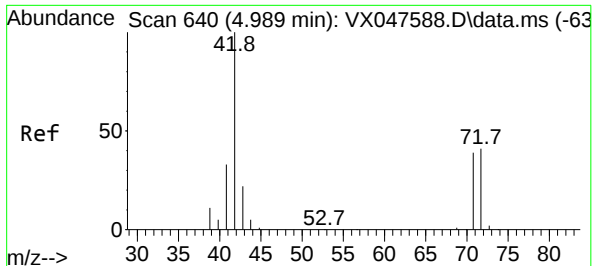
Tgt Ion:	84	Resp:	1293
Ion	Ratio	Lower	Upper
84	100		
49	133.0	108.6	162.8
51	39.9	32.6	48.8
86	71.7	52.0	78.0



#25
2-Butanone
Concen: 0.401 ug/l
RT: 4.531 min Scan# 565
Delta R.T. -0.007 min
Lab File: VX047699.D
Acq: 22 Sep 2025 13:25

Tgt Ion:	43	Resp:	651
Ion	Ratio	Lower	Upper
43	100		
72	0.0	20.1	30.1#





#29

Tetrahydrofuran

Concen: 2.400 ug/l

RT: 5.019 min Scan# 64

Delta R.T. 0.030 min

Lab File: VX047699.D

Acq: 22 Sep 2025 13:25

Instrument :

MSVOA_X

ClientSampleId :

EB01-20250912

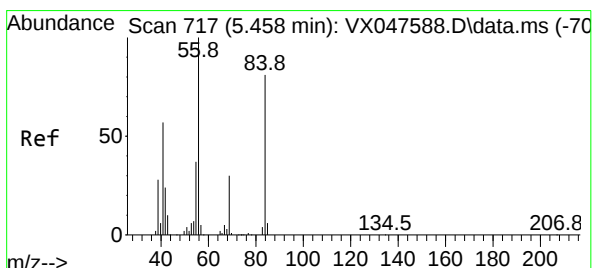
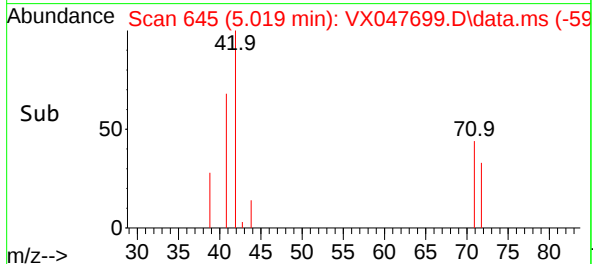
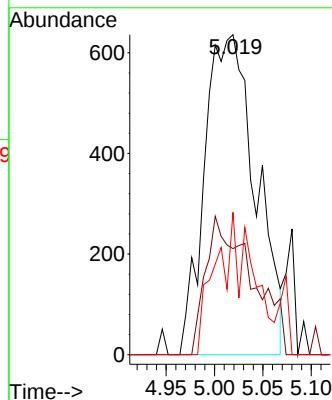
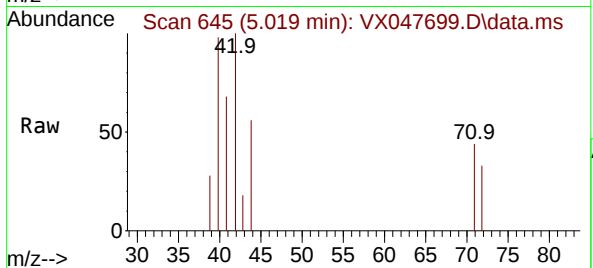
Tgt Ion: 42 Resp: 2343

Ion Ratio Lower Upper

42 100

72 39.3 34.2 51.2

71 12.6 31.9 47.9#



#31

Cyclohexane

Concen: 1.047 ug/l

RT: 5.537 min Scan# 730

Delta R.T. 0.079 min

Lab File: VX047699.D

Acq: 22 Sep 2025 13:25

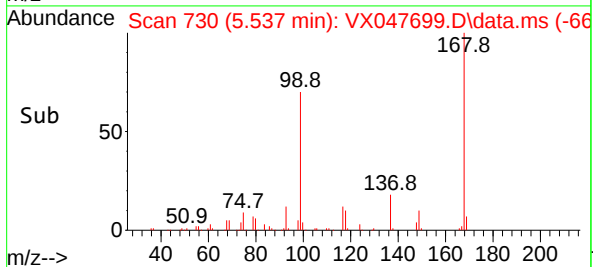
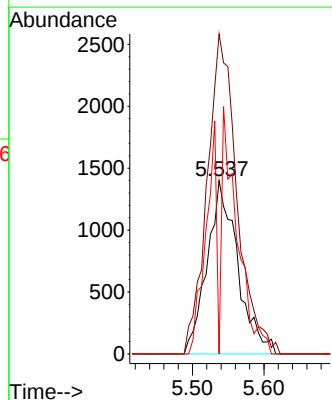
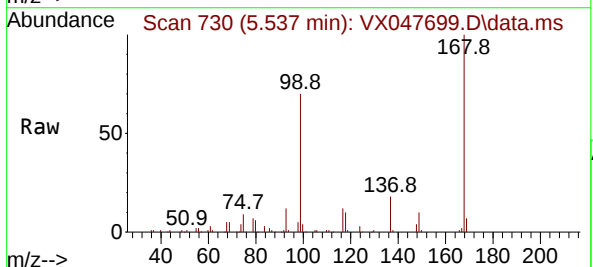
Tgt Ion: 56 Resp: 4138

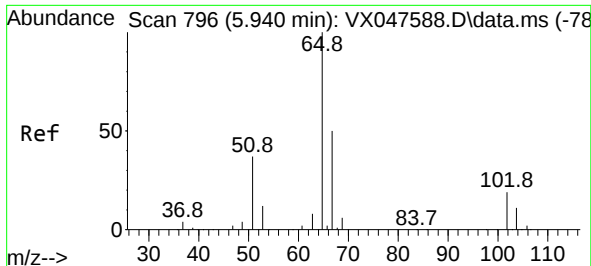
Ion Ratio Lower Upper

56 100

69 184.7 23.8 35.8#

84 0.0 64.6 97.0#





#33

1,2-Dichloroethane-d4

Concen: 47.316 ug/l

RT: 5.940 min Scan# 796

Delta R.T. -0.000 min

Lab File: VX047699.D

Acq: 22 Sep 2025 13:25

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ClientSampleId :

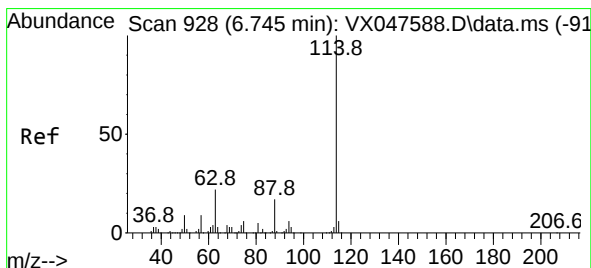
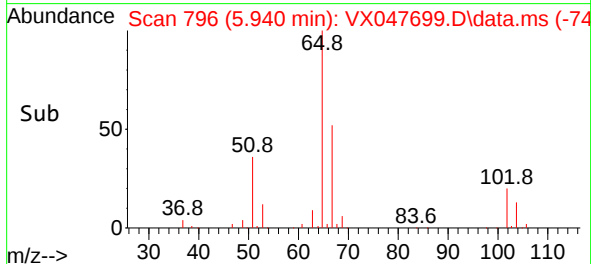
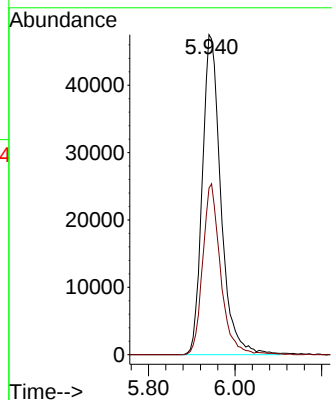
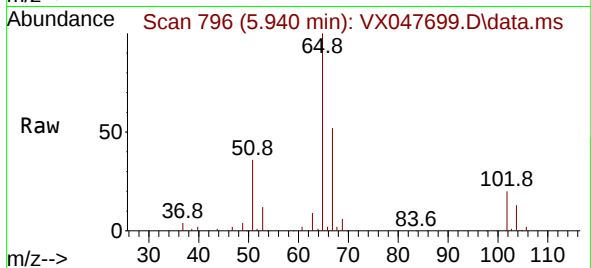
EB01-20250912

Tgt Ion: 65 Resp: 141569

Ion Ratio Lower Upper

65 100

67 51.0 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.750 min Scan# 929

Delta R.T. 0.006 min

Lab File: VX047699.D

Acq: 22 Sep 2025 13:25

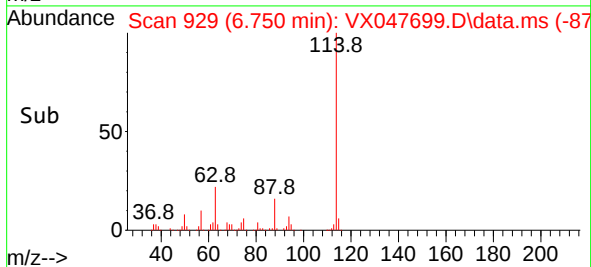
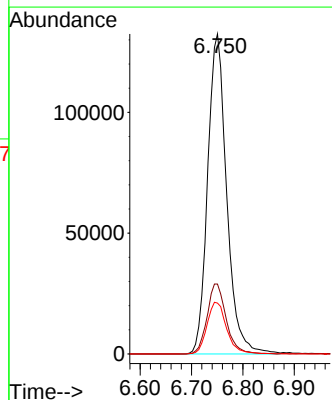
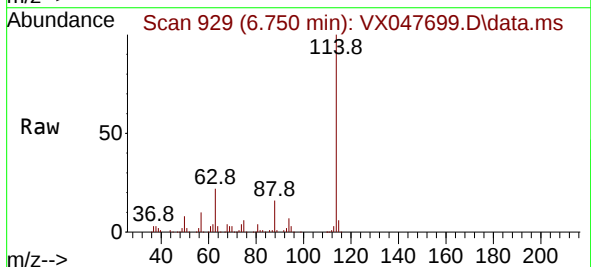
Tgt Ion: 114 Resp: 340659

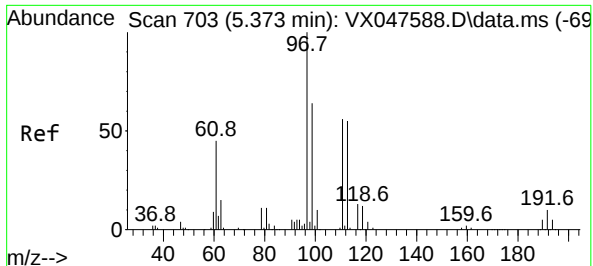
Ion Ratio Lower Upper

114 100

63 21.9 0.0 44.0

88 15.9 0.0 34.2





#35

Dibromofluoromethane

Concen: 46.946 ug/l

RT: 5.379 min Scan# 703

Delta R.T. 0.006 min

Lab File: VX047699.D

Acq: 22 Sep 2025 13:25

Instrument :

MSVOA_X

ClientSampleId :

EB01-20250912

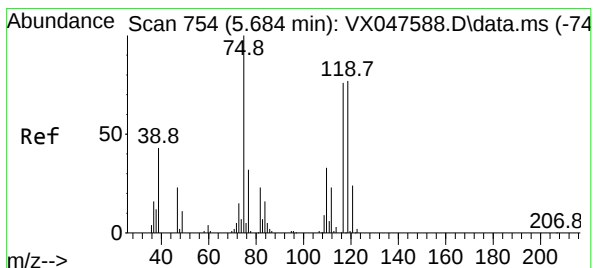
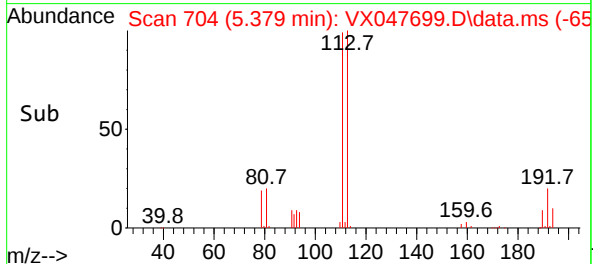
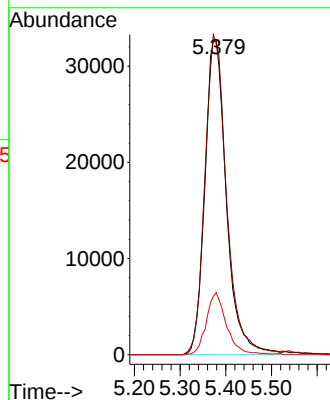
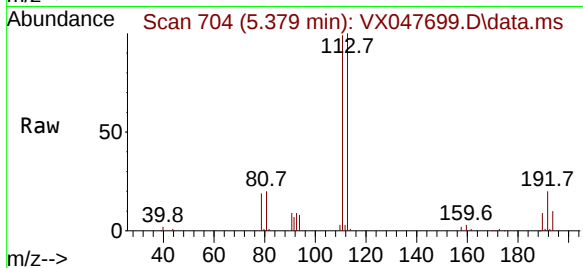
Tgt Ion:113 Resp: 107254

Ion Ratio Lower Upper

113 100

111 102.2 80.9 121.3

192 18.4 14.2 21.4



#36

1,1-Dichloropropene

Concen: 4.808 ug/l

RT: 5.543 min Scan# 731

Delta R.T. -0.141 min

Lab File: VX047699.D

Acq: 22 Sep 2025 13:25

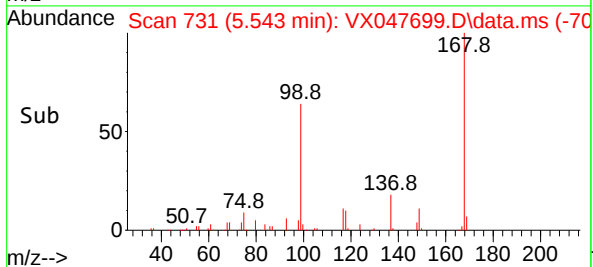
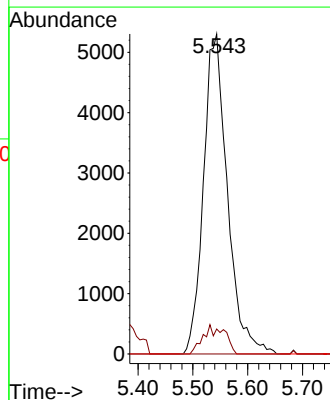
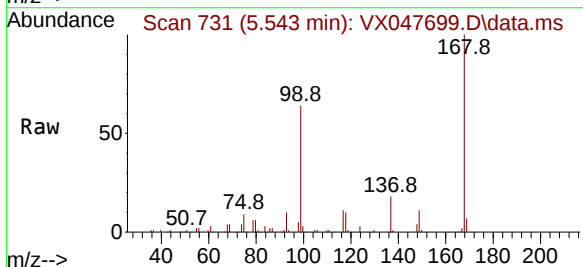
Tgt Ion: 75 Resp: 16051

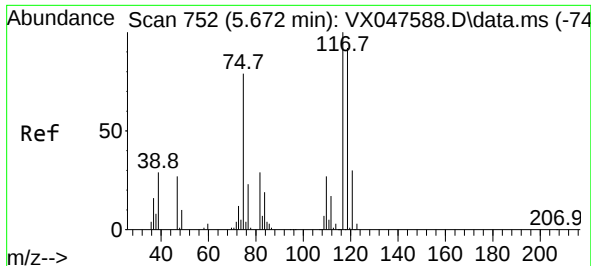
Ion Ratio Lower Upper

75 100

110 4.1 16.7 50.1#

77 0.0 24.3 36.5#

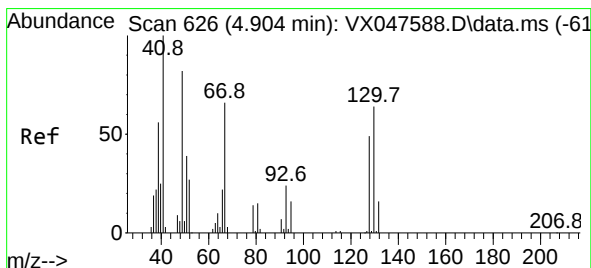
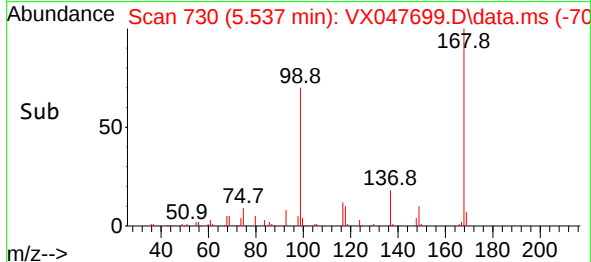
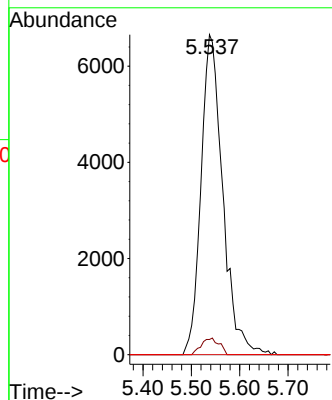
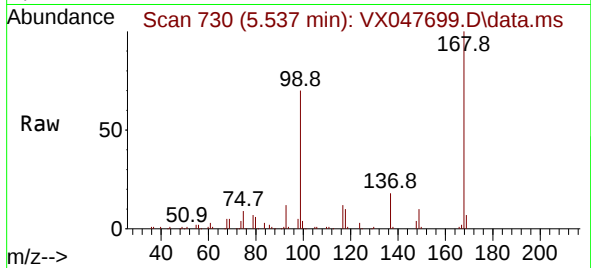




#38
Carbon Tetrachloride
Concen: 5.727 ug/l
RT: 5.537 min Scan# 711
Delta R.T. -0.135 min
Lab File: VX047699.D
Acq: 22 Sep 2025 13:25

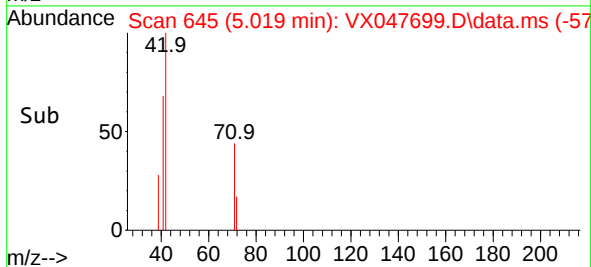
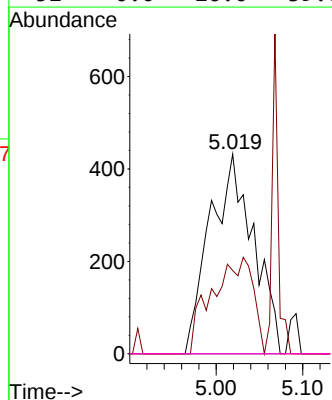
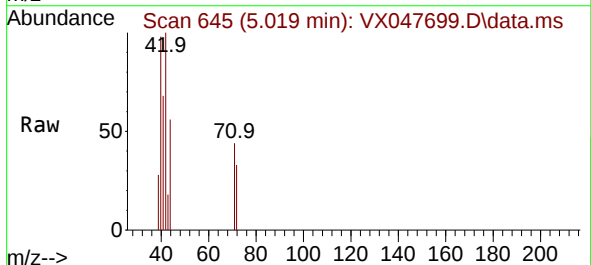
Instrument :
MSVOA_X
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EB01-20250912

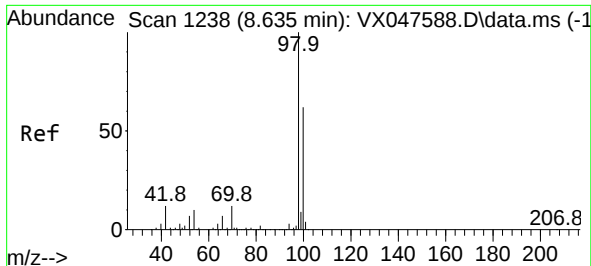
Tgt Ion:117 Resp: 20773
Ion Ratio Lower Upper
117 100
119 4.8 73.4 110.2#
121 0.0 23.8 35.6#



#41
Methacrylonitrile
Concen: 0.817 ug/l
RT: 5.019 min Scan# 645
Delta R.T. 0.115 min
Lab File: VX047699.D
Acq: 22 Sep 2025 13:25

Tgt Ion: 41 Resp: 1508
Ion Ratio Lower Upper
41 100
39 45.8 43.3 64.9
67 0.0 58.6 87.8#
52 0.0 26.0 39.0#

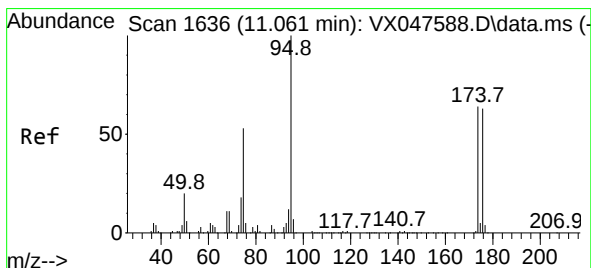
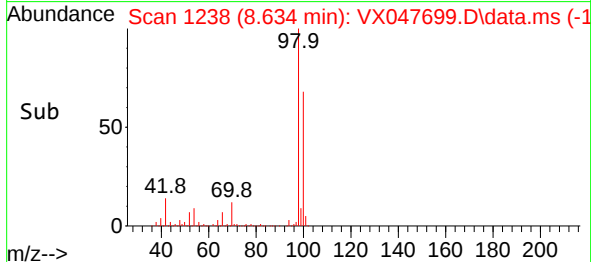
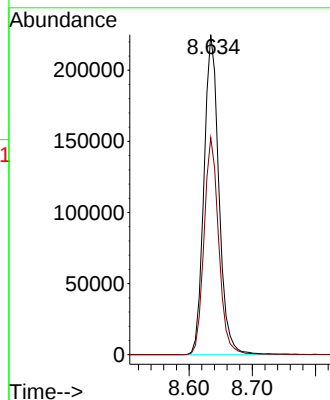
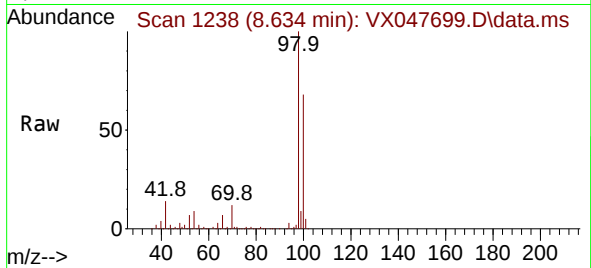




#50
Toluene-d8
Concen: 46.840 ug/l
RT: 8.634 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047699.D
Acq: 22 Sep 2025 13:25

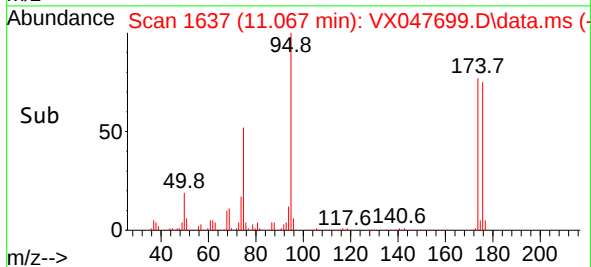
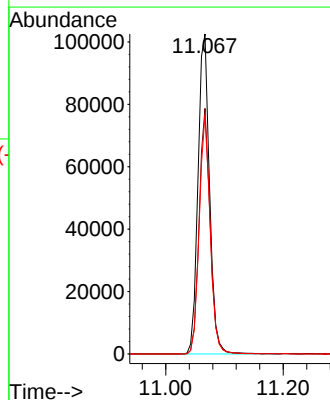
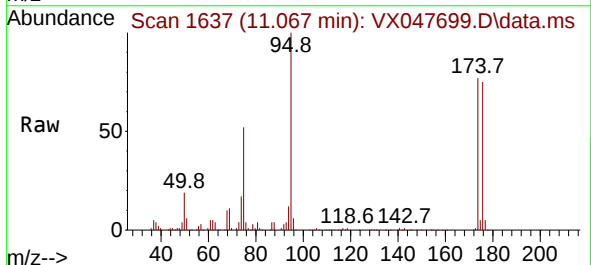
Instrument :
MSVOA_X
ClientSampleId :
EB01-20250912

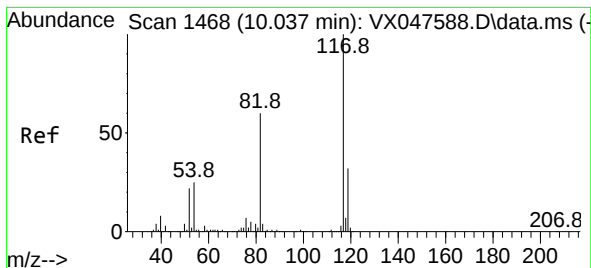
Tgt Ion: 98 Resp: 370285
Ion Ratio Lower Upper
98 100
100 66.8 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 46.566 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX047699.D
Acq: 22 Sep 2025 13:25

Tgt Ion: 95 Resp: 139707
Ion Ratio Lower Upper
95 100
174 73.6 0.0 141.6
176 70.8 0.0 138.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.036 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VX047699.D

Acq: 22 Sep 2025 13:25

Instrument :

MSVOA_X

ClientSampleId :

EB01-20250912

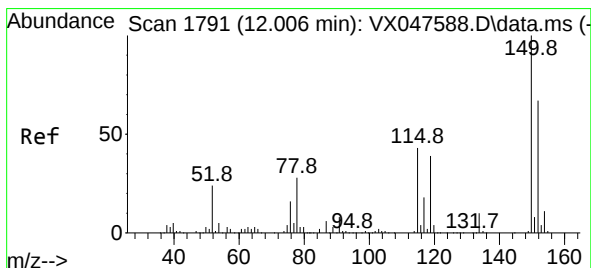
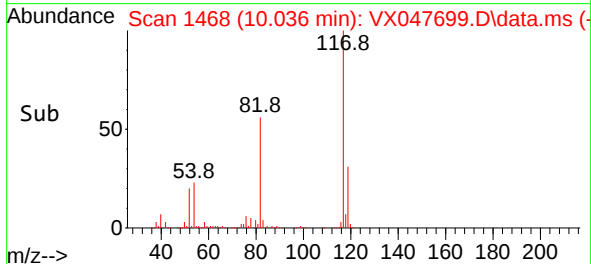
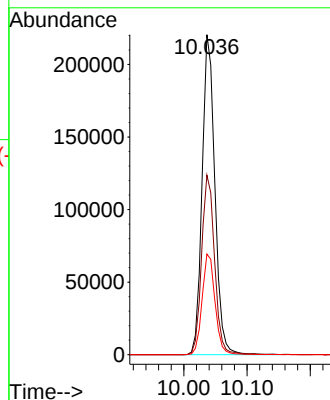
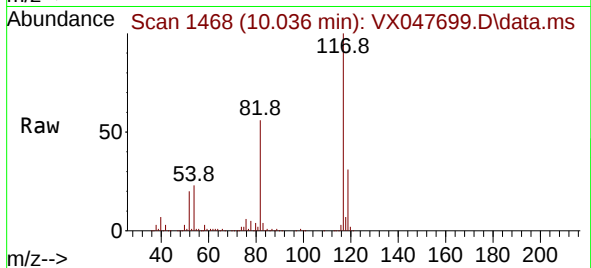
Tgt Ion:117 Resp: 310536

Ion Ratio Lower Upper

117 100

82 56.1 47.8 71.6

119 31.4 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: VX047699.D

Acq: 22 Sep 2025 13:25

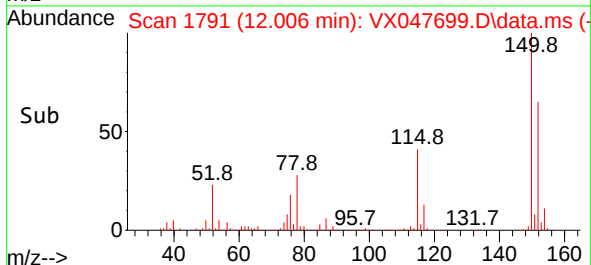
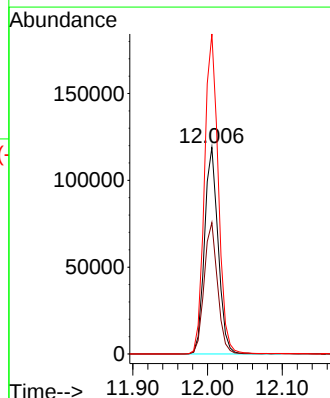
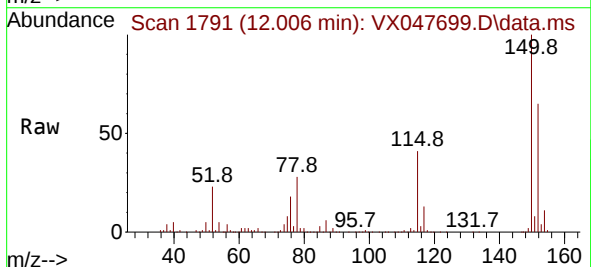
Tgt Ion:152 Resp: 150335

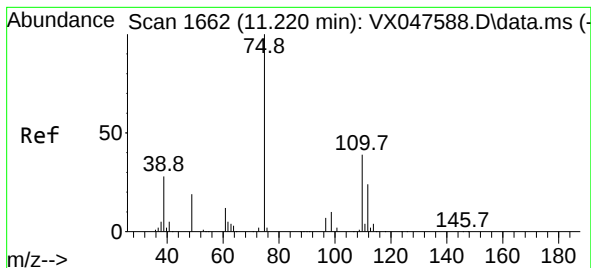
Ion Ratio Lower Upper

152 100

115 62.8 44.9 134.5

150 157.3 0.0 352.0





#76

1,2,3-Trichloropropane

Concen: 23.984 ug/l

RT: 11.067 min Scan# 1637

Delta R.T. -0.153 min

Lab File: VX047699.D

Acq: 22 Sep 2025 13:25

Instrument :

MSVOA_X

ClientSampleId :

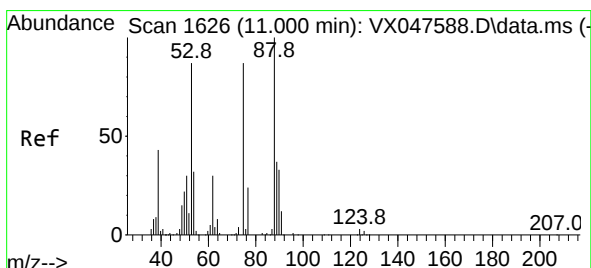
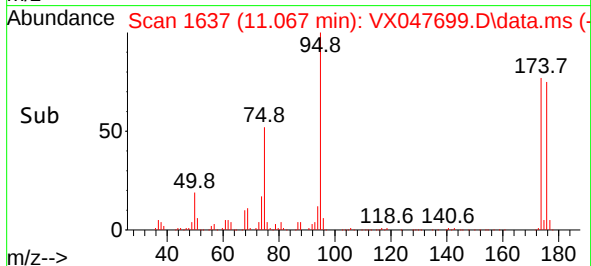
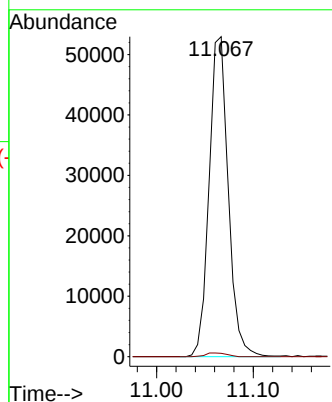
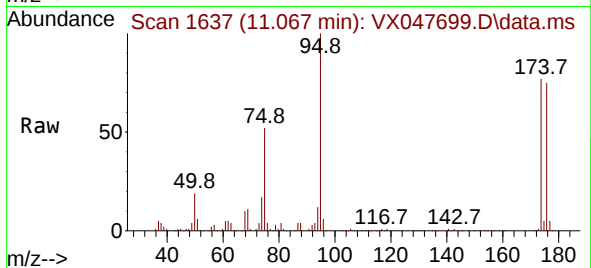
EB01-20250912

Tgt Ion: 75 Resp: 73004

Ion Ratio Lower Upper

75 100

77 1.3 18.8 56.4#



#81

trans-1,4-Dichloro-2-butene

Concen: 61.164 ug/l

RT: 11.067 min Scan# 1637

Delta R.T. 0.067 min

Lab File: VX047699.D

Acq: 22 Sep 2025 13:25

Tgt Ion: 75 Resp: 73004

Ion Ratio Lower Upper

75 100

53 0.0 83.4 125.2#

89 0.0 36.3 54.5#

