

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052523\
 Data File : VX035867.D
 Acq On : 25 May 2023 20:37
 Operator : JC/MD
 Sample : 02911-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT17411-20230522

Quant Time: May 26 07:26:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

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

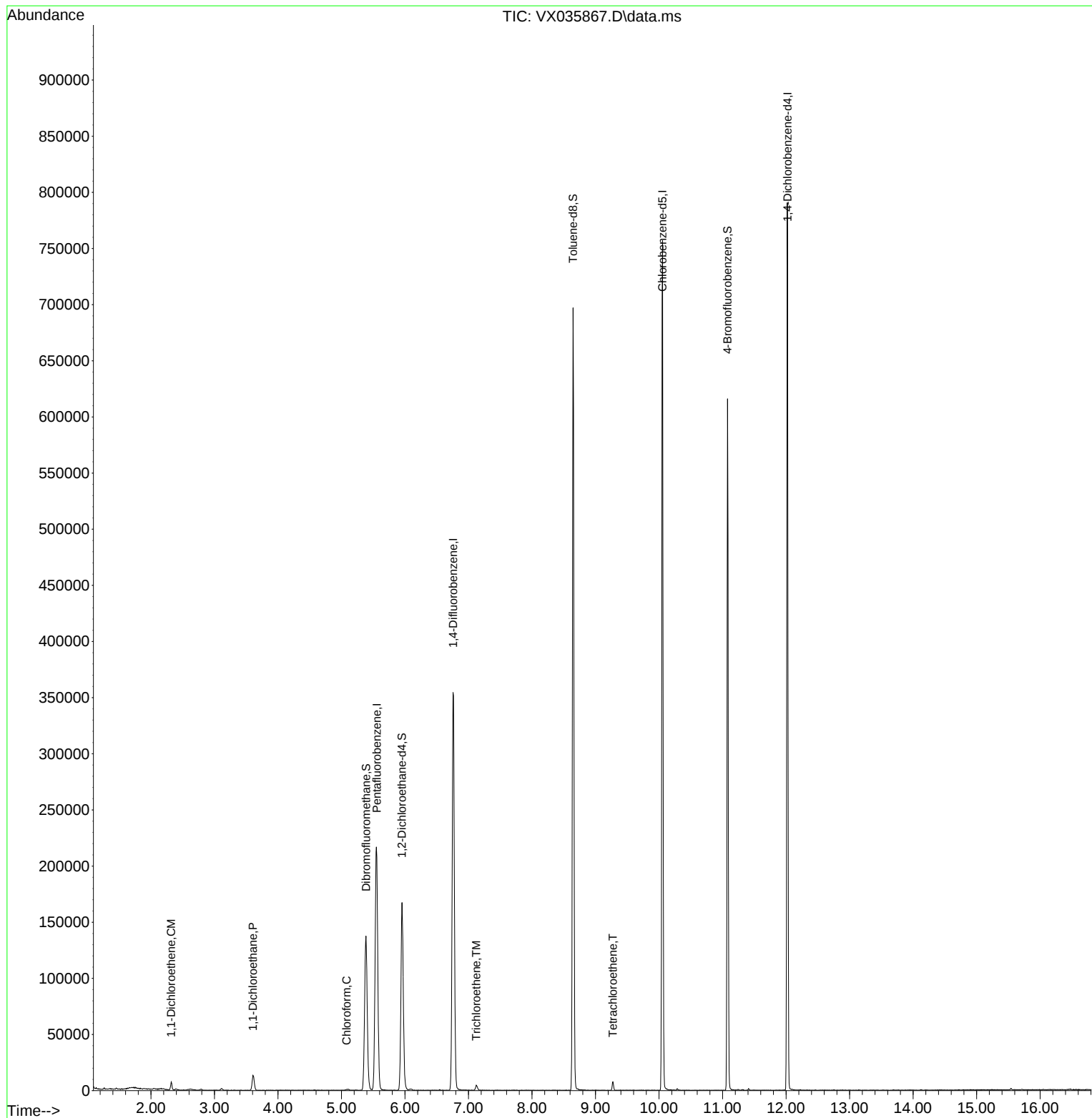
Internal Standards						
1) Pentafluorobenzene	5.556	168	201658	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	357265	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	317659	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	153588	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	151503	43.065	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	86.140%		
35) Dibromofluoromethane	5.385	113	116538	48.368	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.740%		
50) Toluene-d8	8.647	98	393867	44.250	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	88.500%#		
62) 4-Bromofluorobenzene	11.079	95	158280	44.165	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	88.320%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.319	96	2098	0.934	ug/l #	50
24) 1,1-Dichloroethane	3.605	63	14653	2.909	ug/l	96
30) Chloroform	5.080	83	1224	0.237	ug/l #	80
44) Trichloroethene	7.123	130	1643	0.609	ug/l	75
64) Tetrachloroethene	9.275	164	1160	0.542	ug/l #	90

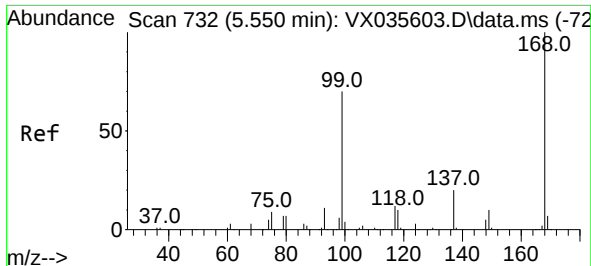
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.556 min Scan# 71

Delta R.T. 0.006 min

Lab File: VX035867.D

Acq: 25 May 2023 20:37

Instrument :

MSVOA_X

ClientSampleId :

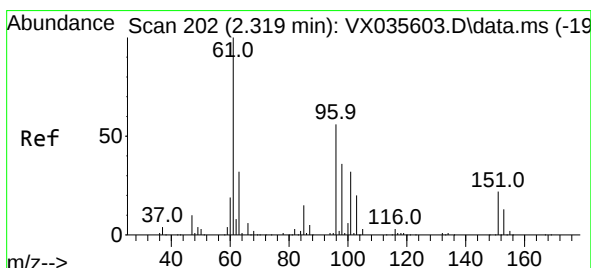
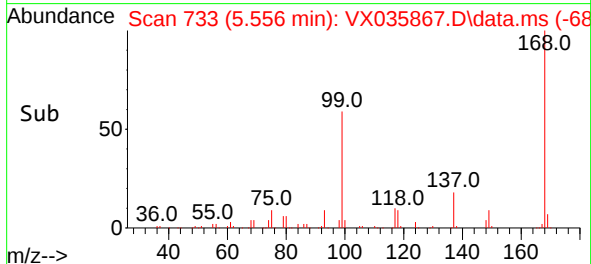
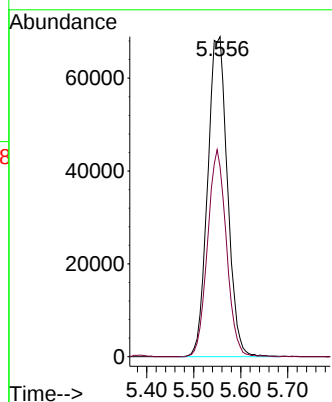
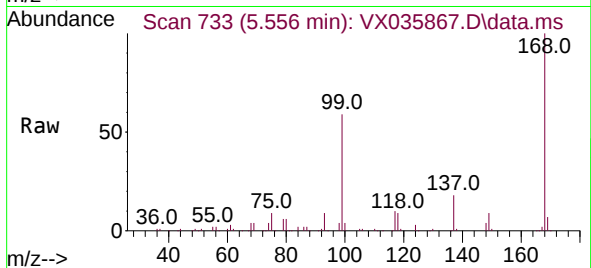
TT17411-20230522

Tgt Ion:168 Resp: 201658

Ion Ratio Lower Upper

168 100

99 59.3 45.7 68.5



#12

1,1-Dichloroethene

Concen: 0.934 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX035867.D

Acq: 25 May 2023 20:37

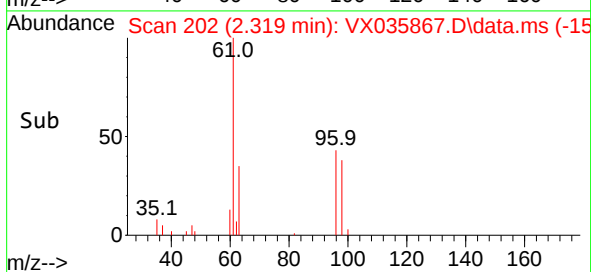
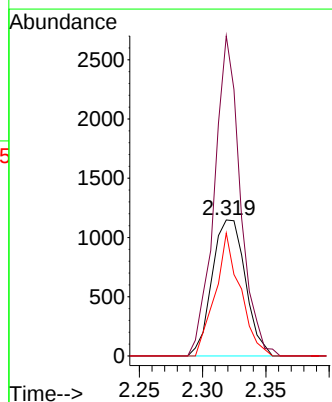
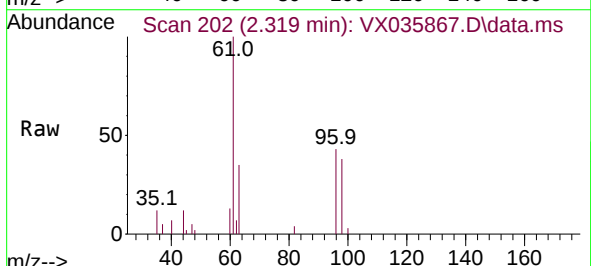
Tgt Ion: 96 Resp: 2098

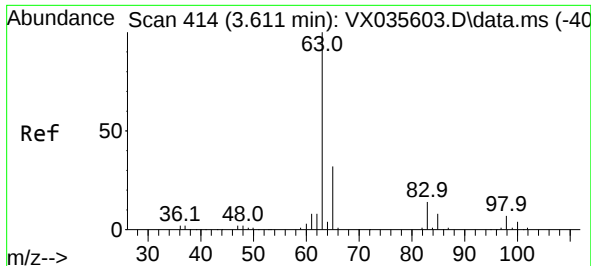
Ion Ratio Lower Upper

96 100

61 235.3 128.8 193.2#

98 90.3 51.4 77.0#





#24

1,1-Dichloroethane

Concen: 2.909 ug/l

RT: 3.605 min Scan# 41

Delta R.T. -0.006 min

Lab File: VX035867.D

Acq: 25 May 2023 20:37

Instrument :

MSVOA_X

ClientSampleId :

TT17411-20230522

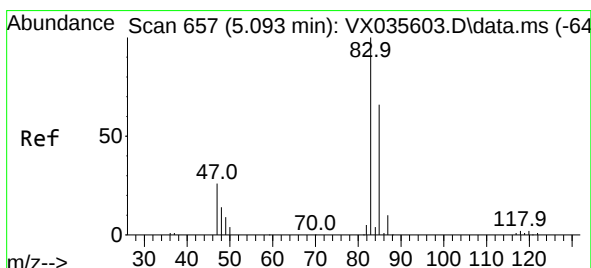
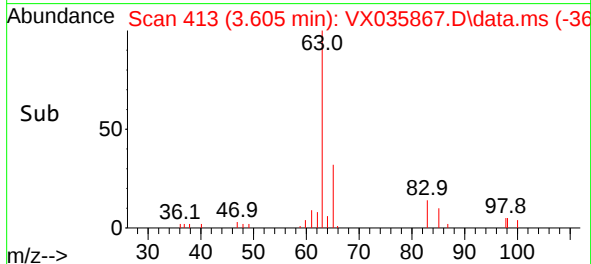
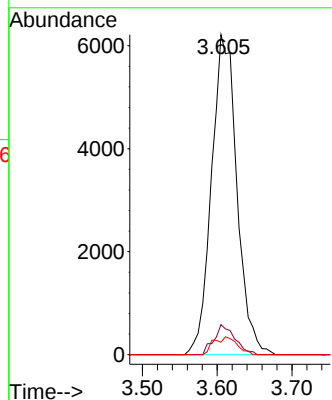
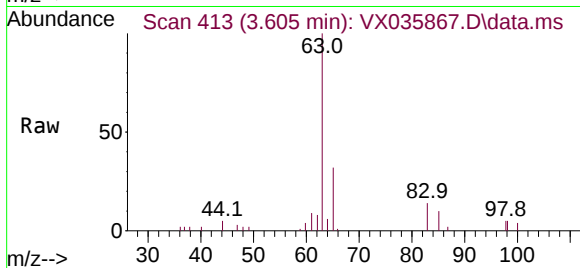
Tgt Ion: 63 Resp: 14653

Ion Ratio Lower Upper

63 100

98 9.4 3.8 11.2

100 3.9 2.4 7.1



#30

Chloroform

Concen: 0.237 ug/l

RT: 5.080 min Scan# 655

Delta R.T. -0.013 min

Lab File: VX035867.D

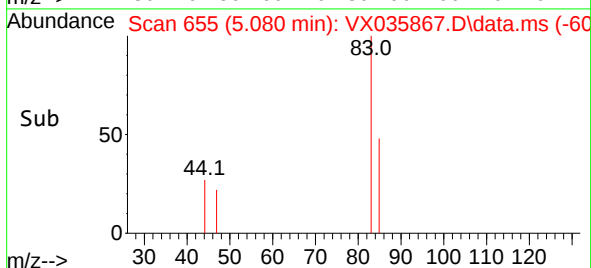
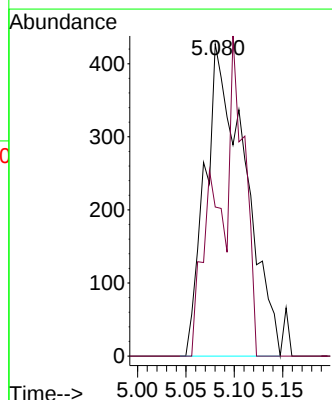
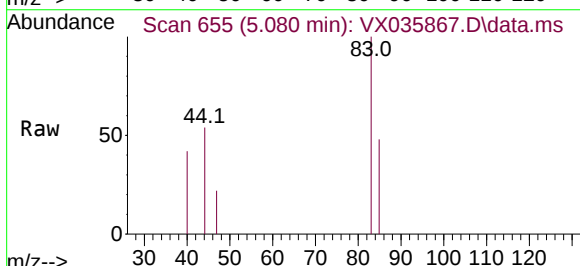
Acq: 25 May 2023 20:37

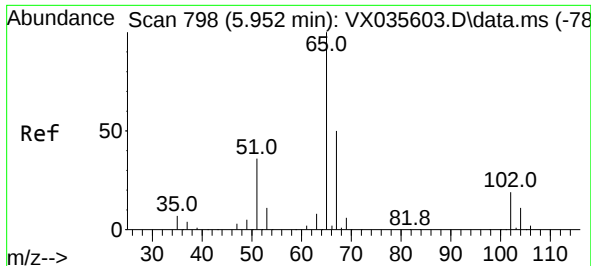
Tgt Ion: 83 Resp: 1224

Ion Ratio Lower Upper

83 100

85 47.8 50.6 76.0#





#33

1,2-Dichloroethane-d4

Concen: 43.065 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX035867.D

Acq: 25 May 2023 20:37

Instrument :

MSVOA_X

ClientSampleId :

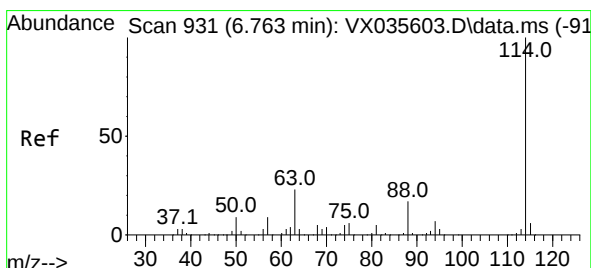
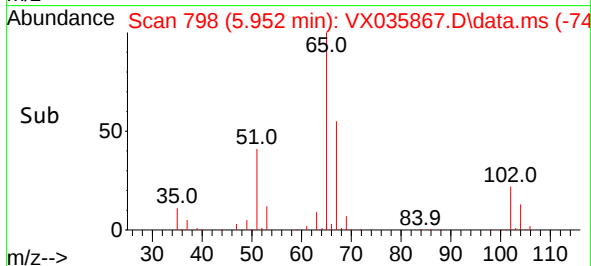
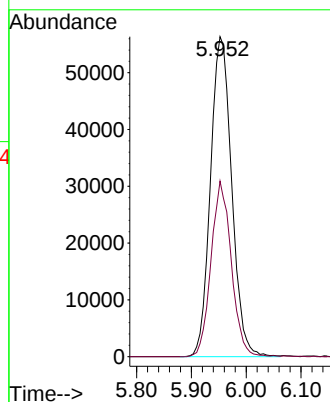
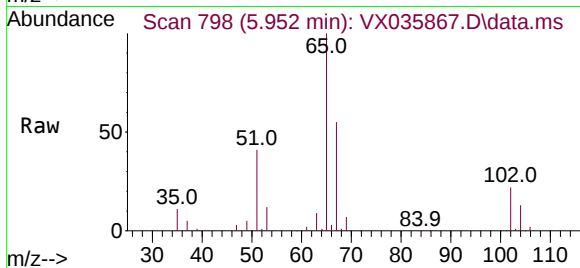
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Tgt Ion: 65 Resp: 151503

Ion Ratio Lower Upper

65 100

67 52.3 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX035867.D

Acq: 25 May 2023 20:37

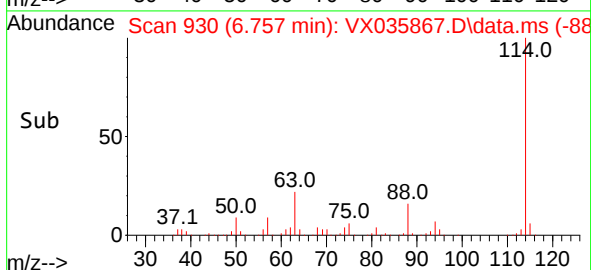
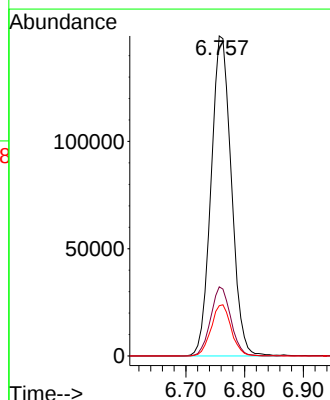
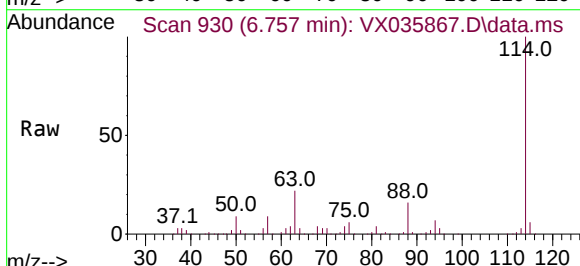
Tgt Ion: 114 Resp: 357265

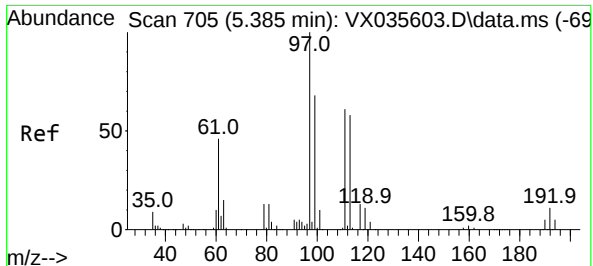
Ion Ratio Lower Upper

114 100

63 21.6 0.0 42.2

88 15.7 0.0 33.2

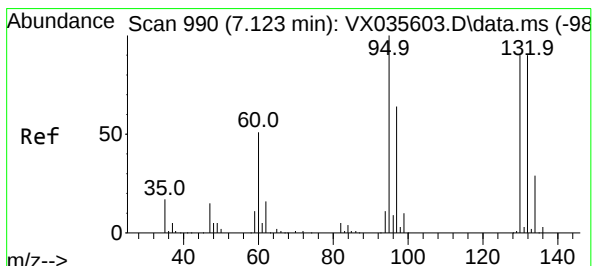
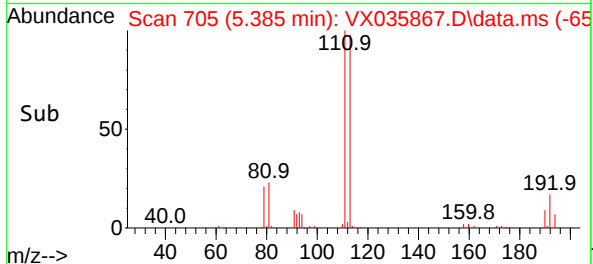
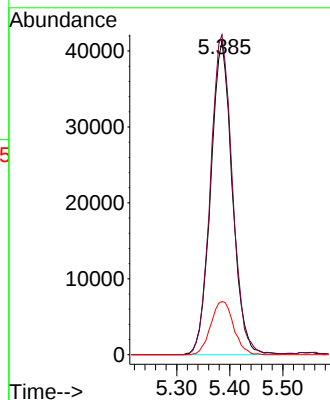
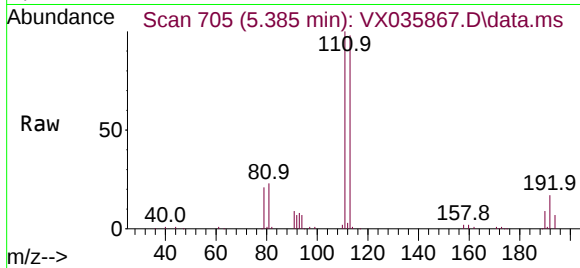




#35
Dibromofluoromethane
Concen: 48.368 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035867.D
Acq: 25 May 2023 20:37

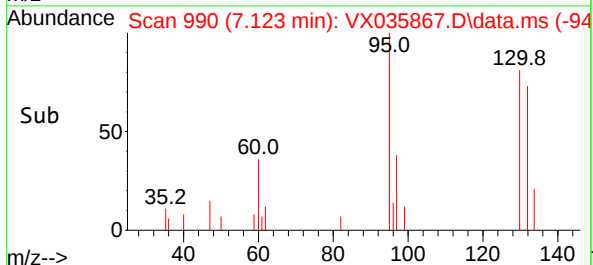
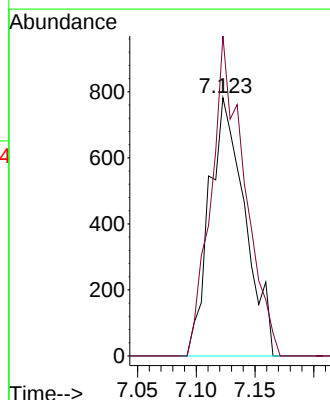
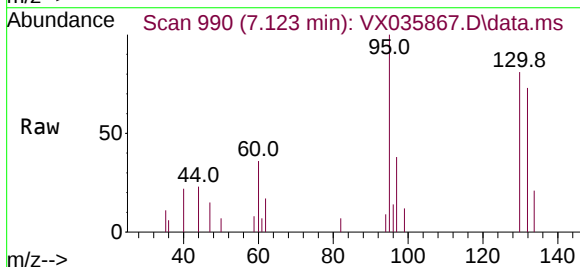
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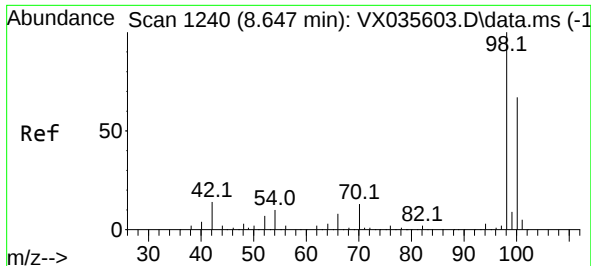
Tgt Ion:113 Resp: 116538
Ion Ratio Lower Upper
113 100
111 103.7 83.7 125.5
192 17.9 15.4 23.2



#44
Trichloroethene
Concen: 0.609 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX035867.D
Acq: 25 May 2023 20:37

Tgt Ion:130 Resp: 1643
Ion Ratio Lower Upper
130 100
95 123.9 0.0 198.4

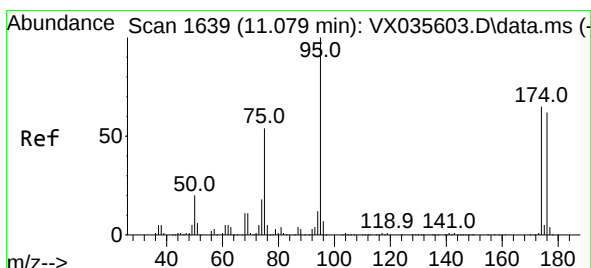
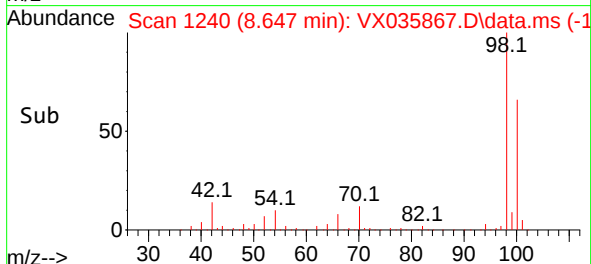
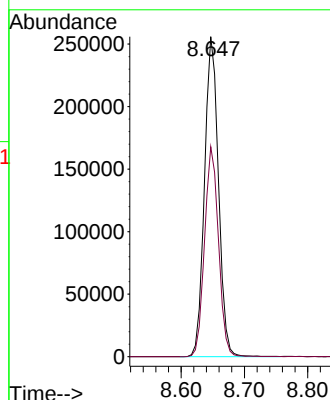
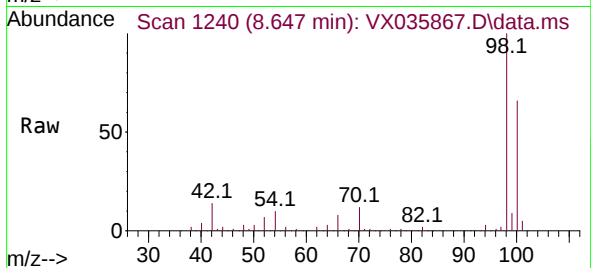




#50
Toluene-d8
Concen: 44.250 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035867.D
Acq: 25 May 2023 20:37

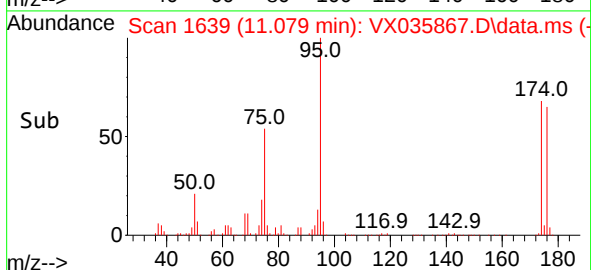
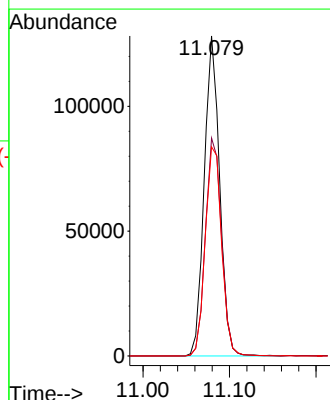
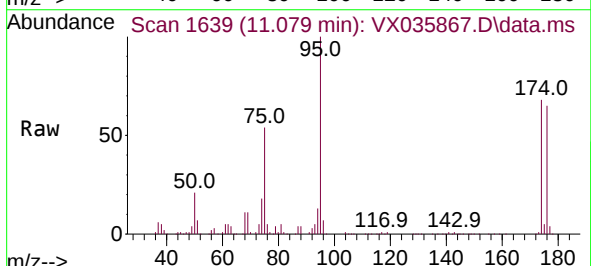
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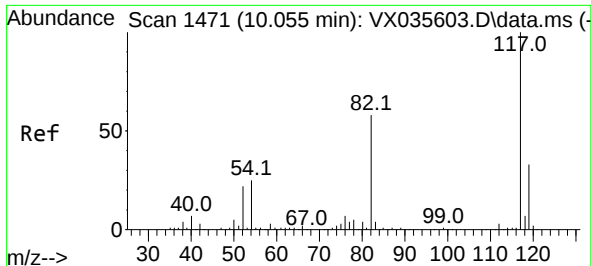
Tgt Ion: 98 Resp: 393867
Ion Ratio Lower Upper
98 100
100 65.5 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 44.165 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035867.D
Acq: 25 May 2023 20:37

Tgt Ion: 95 Resp: 158280
Ion Ratio Lower Upper
95 100
174 71.3 0.0 147.4
176 69.6 0.0 140.6

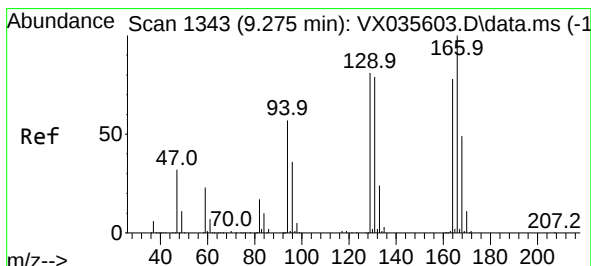
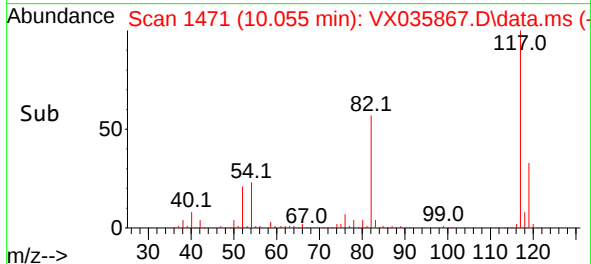
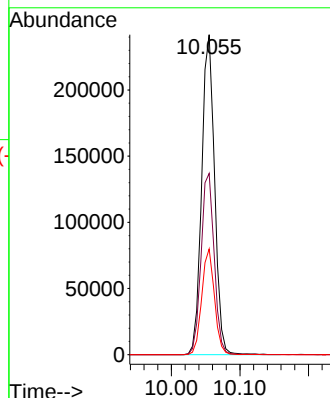
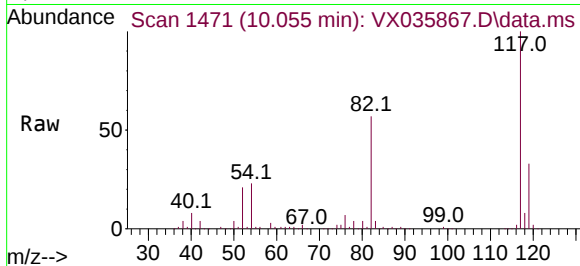




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035867.D
Acq: 25 May 2023 20:37

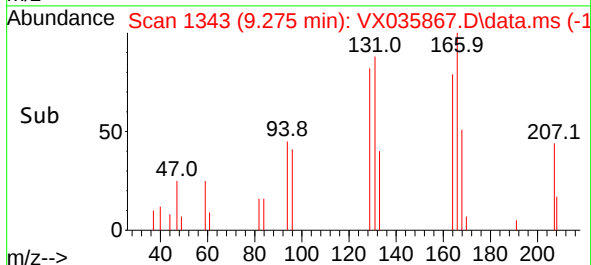
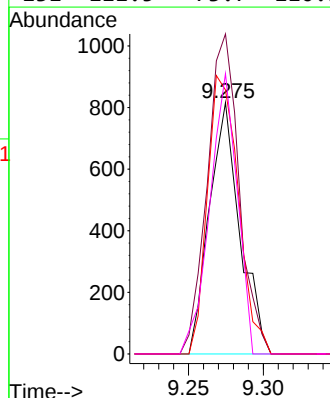
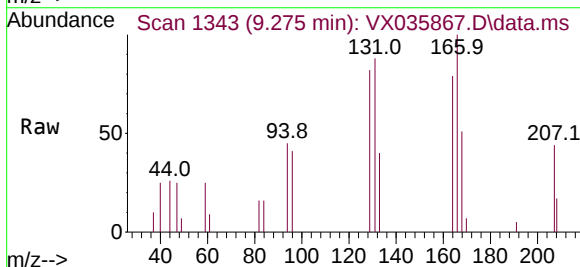
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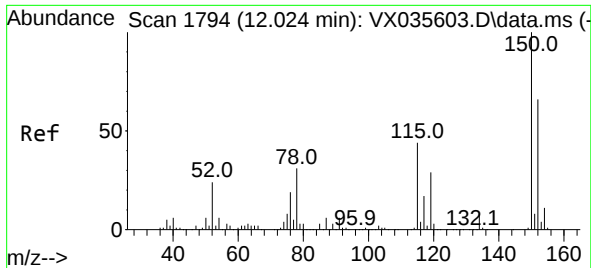
Tgt Ion:117 Resp: 317659
Ion Ratio Lower Upper
117 100
82 56.7 45.0 67.4
119 33.1 26.0 39.0



#64
Tetrachloroethene
Concen: 0.542 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX035867.D
Acq: 25 May 2023 20:37

Tgt Ion:164 Resp: 1160
Ion Ratio Lower Upper
164 100
166 127.3 102.7 154.1
129 105.0 75.6 113.4
131 111.5 73.7 110.5#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX035867.D

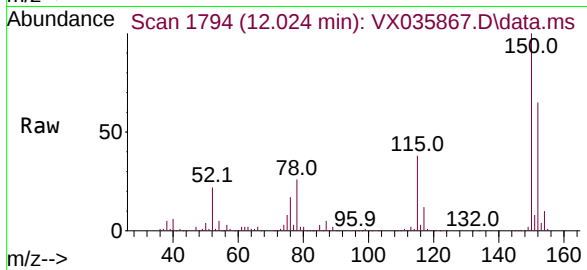
Acq: 25 May 2023 20:37

Instrument :

MSVOA_X

ClientSampleId :

TT17411-20230522



Tgt Ion:152 Resp: 153588

Ion Ratio Lower Upper

152 100

115 61.9 45.0 135.0

150 156.5 0.0 352.4

