

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051223\
 Data File : VX035633.D
 Acq On : 12 May 2023 13:21
 Operator : JC/MD
 Sample : 02755-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 A5560

Quant Time: May 15 01:55:11 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)

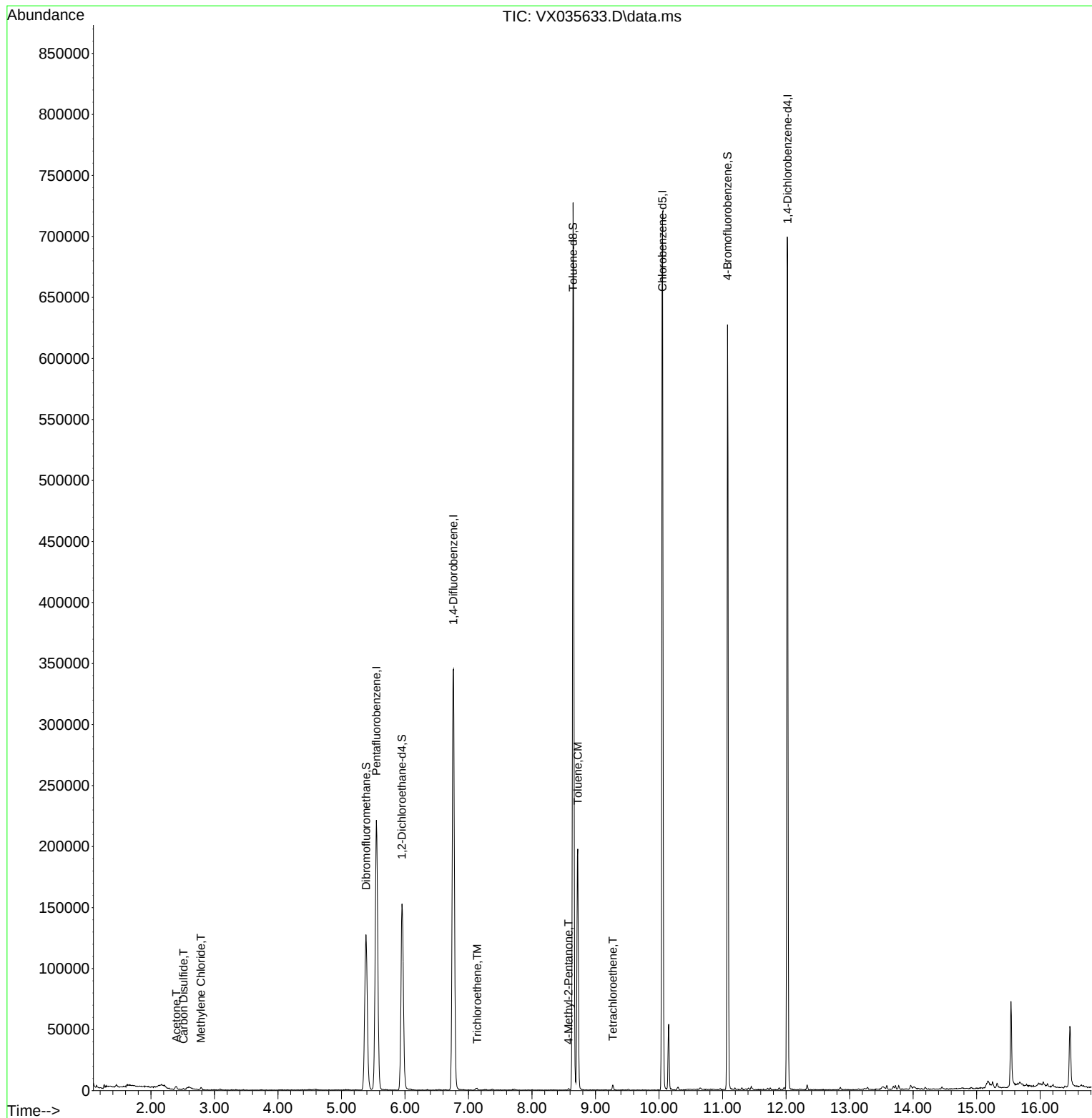
Internal Standards						
1) Pentafluorobenzene	5.550	168	184965	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	334353	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	306327	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	132347	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	154528	47.889	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.780%
35) Dibromofluoromethane	5.385	113	110242	48.891	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.780%
50) Toluene-d8	8.647	98	405014	48.621	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.240%
62) 4-Bromofluorobenzene	11.079	95	164336	48.997	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.000%
Target Compounds						
					Qvalue	
16) Acetone	2.398	43	3778	2.724	ug/l	89
17) Carbon Disulfide	2.514	76	1234	0.248	ug/l	100
20) Methylene Chloride	2.788	84	1018	0.405	ug/l	# 83
44) Trichloroethene	7.135	130	649	0.257	ug/l	68
51) 4-Methyl-2-Pentanone	8.573	43	978	0.262	ug/l	# 83
52) Toluene	8.720	92	71586	11.390	ug/l	98
64) Tetrachloroethene	9.275	164	613	0.297	ug/l	91

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

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Misc : 5.0mL/MSVOA_X/WATER
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MSVOA_X
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A5560

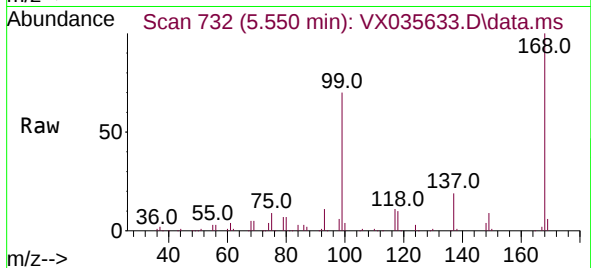
Quant Time: May 15 01:55:11 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
Quant Title : SW846 8260
QLast Update : Thu May 11 13:57:54 2023
Response via : Initial Calibration



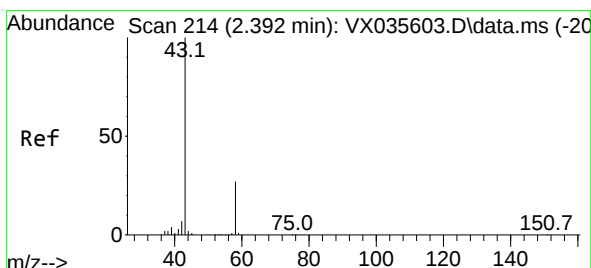
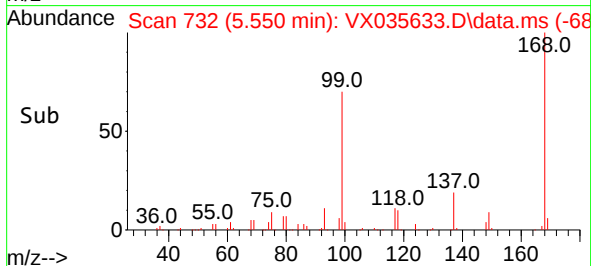
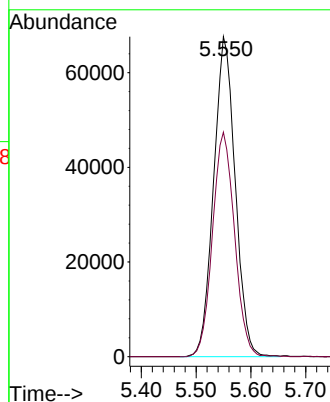


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035633.D
Acq: 12 May 2023 13:21

Instrument :
MSVOA_X
ClientSampleId :
A5560

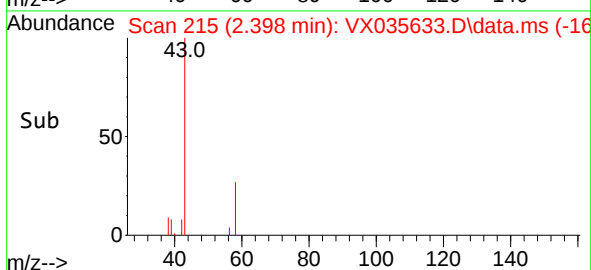
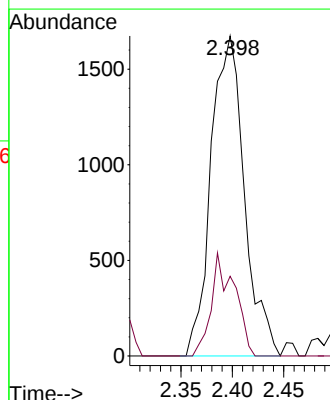
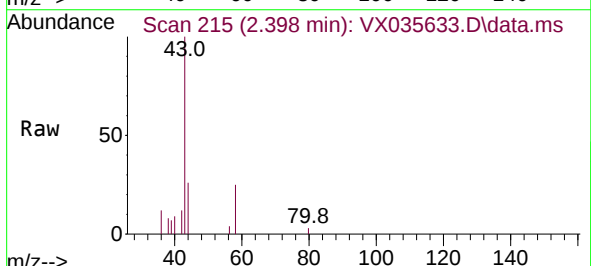


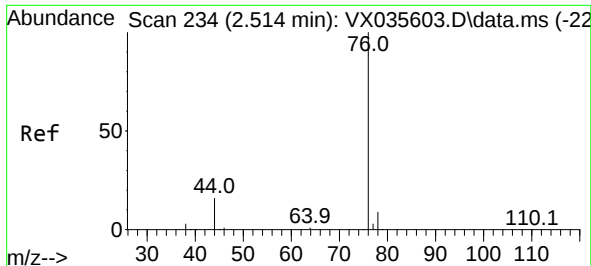
Tgt Ion:168 Resp: 184965
Ion Ratio Lower Upper
168 100
99 70.2 45.7 68.5#



#16
Acetone
Concen: 2.724 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX035633.D
Acq: 12 May 2023 13:21

Tgt Ion: 43 Resp: 3778
Ion Ratio Lower Upper
43 100
58 24.9 24.7 37.1





#17

Carbon Disulfide

Concen: 0.248 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX035633.D

Acq: 12 May 2023 13:21

Instrument :

MSVOA_X

ClientSampleId :

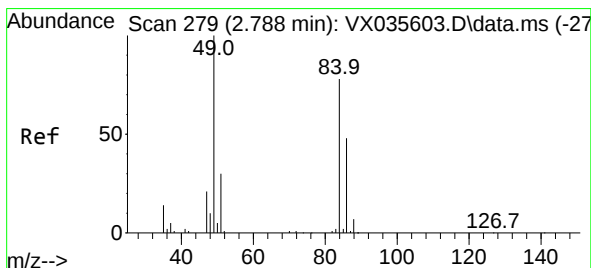
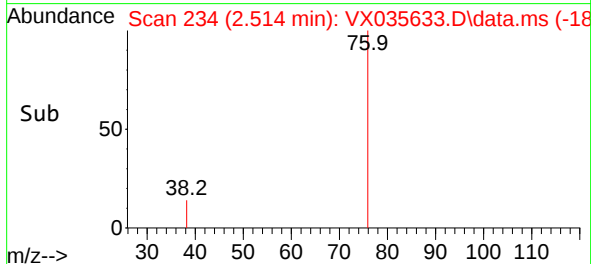
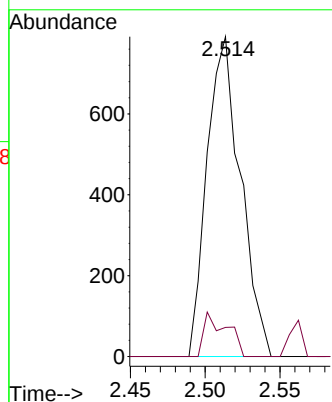
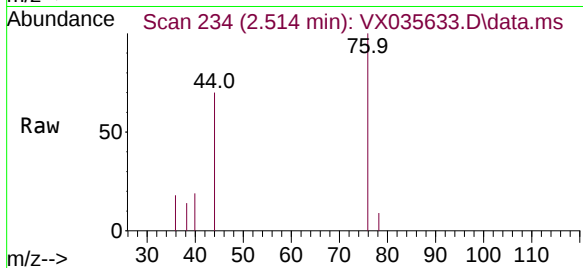
A5560

Tgt Ion: 76 Resp: 1234

Ion Ratio Lower Upper

76 100

78 9.1 7.2 10.8



#20

Methylene Chloride

Concen: 0.405 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX035633.D

Acq: 12 May 2023 13:21

Tgt Ion: 84 Resp: 1018

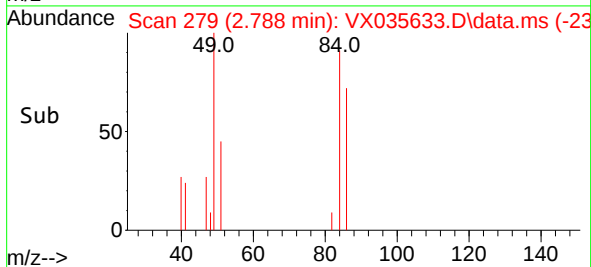
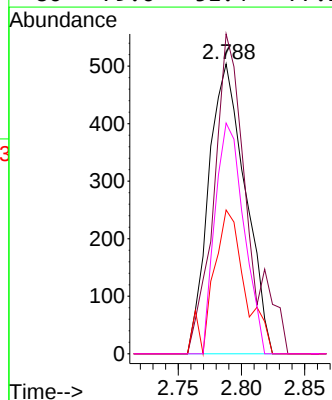
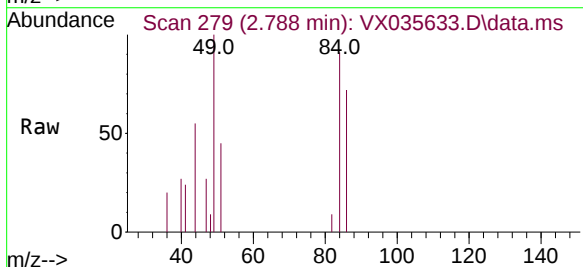
Ion Ratio Lower Upper

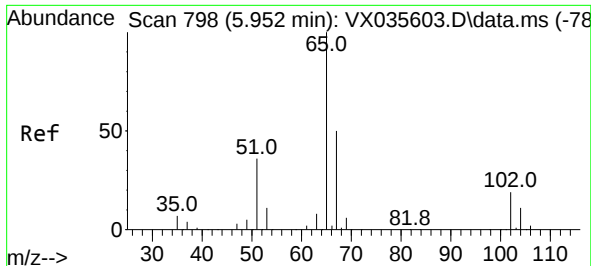
84 100

49 110.3 103.8 155.8

51 49.6 31.8 47.8#

86 79.6 51.4 77.2#





#33

1,2-Dichloroethane-d4

Concen: 47.889 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX035633.D

Acq: 12 May 2023 13:21

Instrument :

MSVOA_X

ClientSampleId :

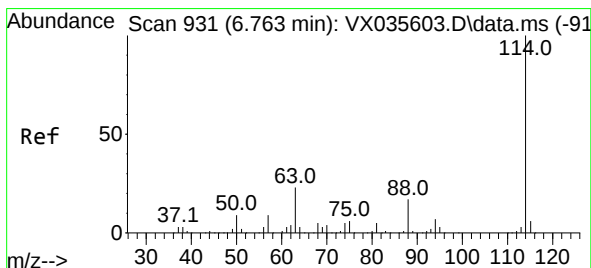
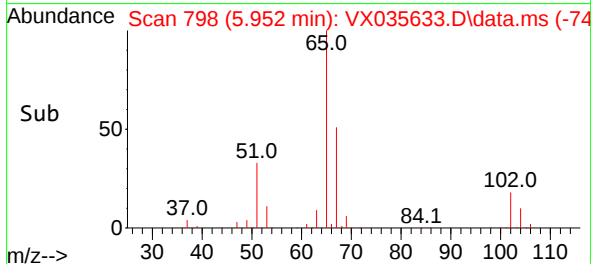
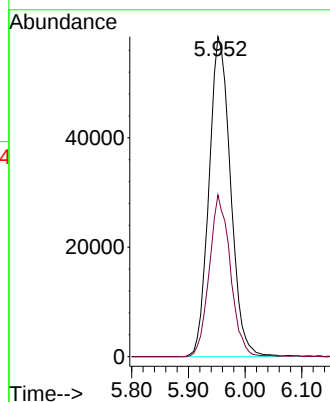
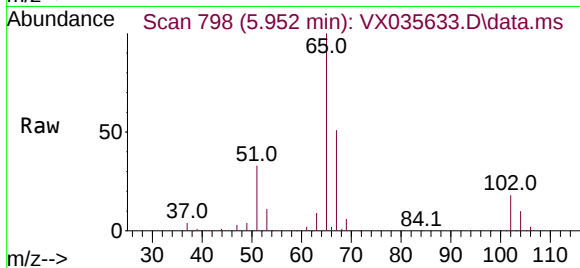
A5560

Tgt Ion: 65 Resp: 154528

Ion Ratio Lower Upper

65 100

67 49.4 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX035633.D

Acq: 12 May 2023 13:21

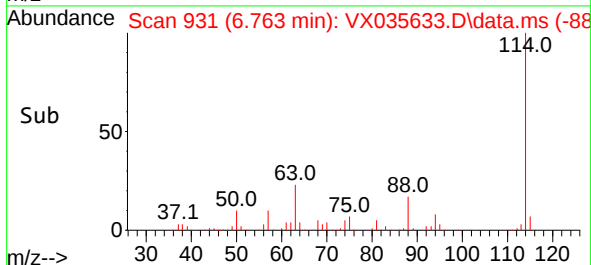
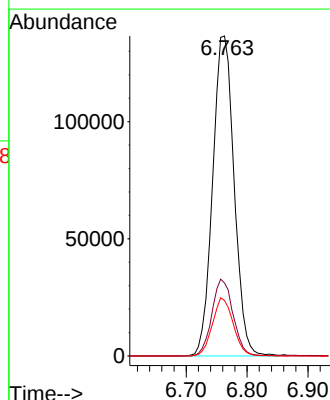
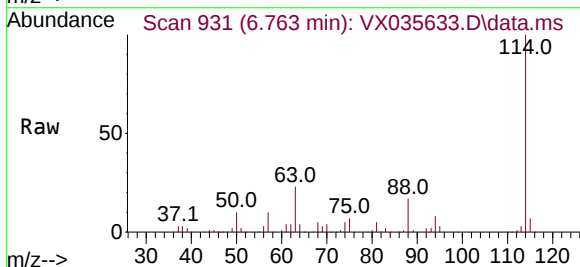
Tgt Ion: 114 Resp: 334353

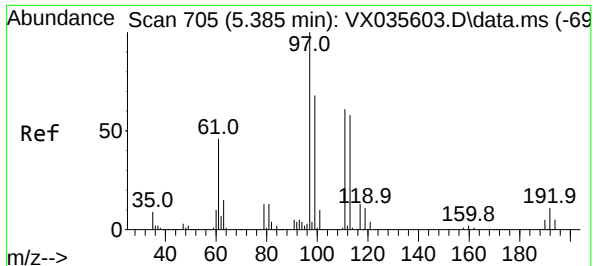
Ion Ratio Lower Upper

114 100

63 22.8 0.0 42.2

88 17.3 0.0 33.2





#35

Dibromofluoromethane

Concen: 48.891 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX035633.D

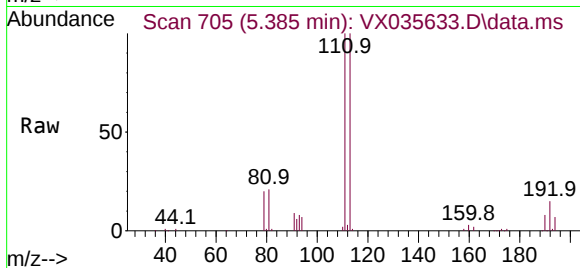
Acq: 12 May 2023 13:21

Instrument :

MSVOA_X

ClientSampleId :

A5560



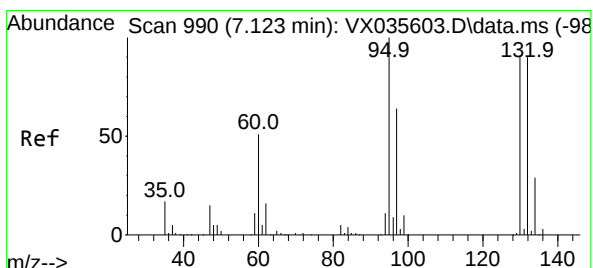
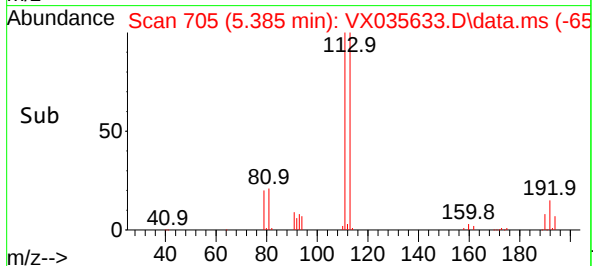
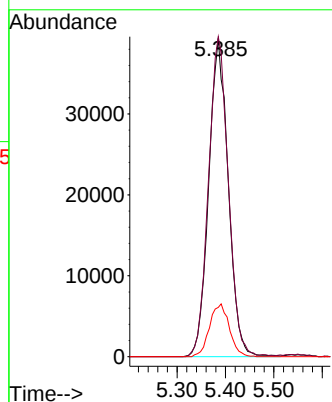
Tgt Ion:113 Resp: 110242

Ion Ratio Lower Upper

113 100

111 102.2 83.7 125.5

192 16.8 15.4 23.2



#44

Trichloroethene

Concen: 0.257 ug/l

RT: 7.135 min Scan# 992

Delta R.T. 0.012 min

Lab File: VX035633.D

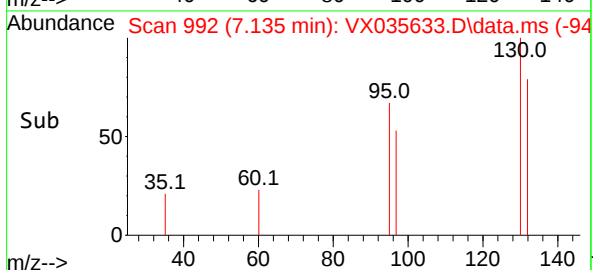
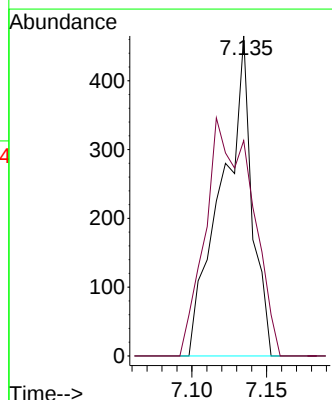
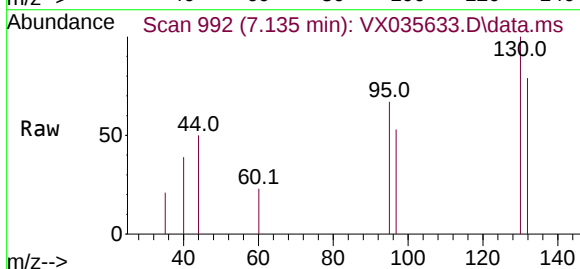
Acq: 12 May 2023 13:21

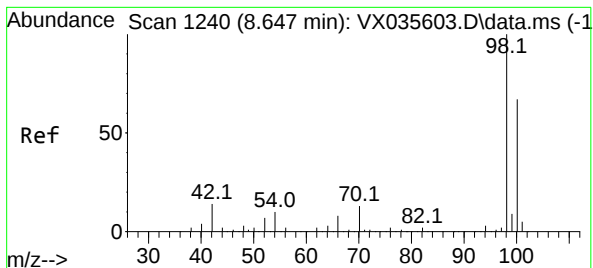
Tgt Ion:130 Resp: 649

Ion Ratio Lower Upper

130 100

95 67.3 0.0 198.4





#50

Toluene-d8

Concen: 48.621 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX035633.D

Acq: 12 May 2023 13:21

Instrument :

MSVOA_X

ClientSampleId :

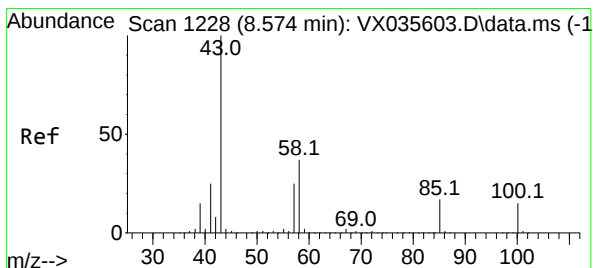
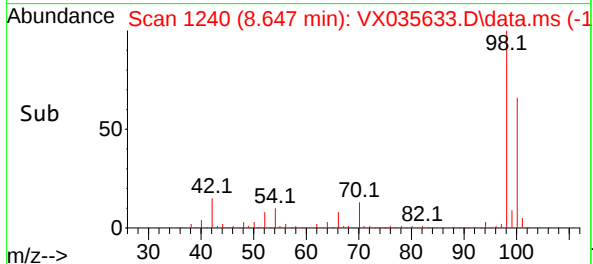
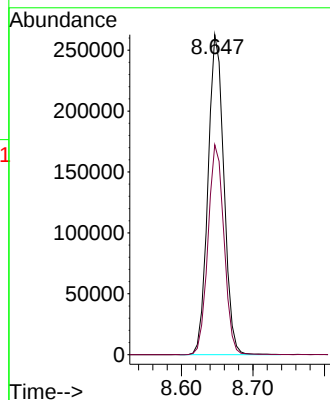
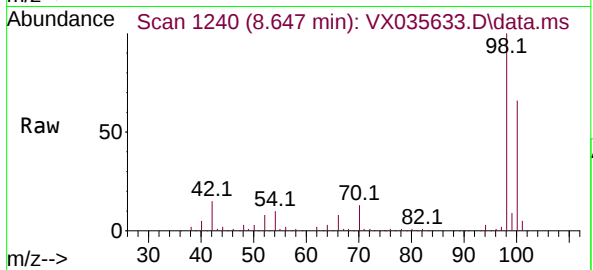
A5560

Tgt Ion: 98 Resp: 405014

Ion Ratio Lower Upper

98 100

100 66.1 52.5 78.7



#51

4-Methyl-2-Pentanone

Concen: 0.262 ug/l

RT: 8.573 min Scan# 1228

Delta R.T. -0.001 min

Lab File: VX035633.D

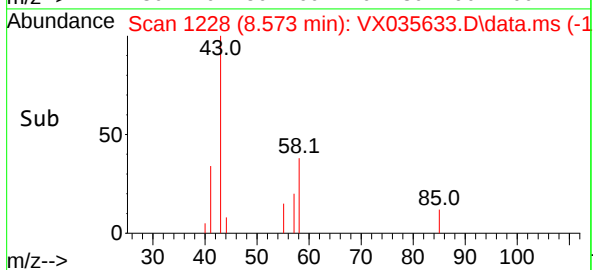
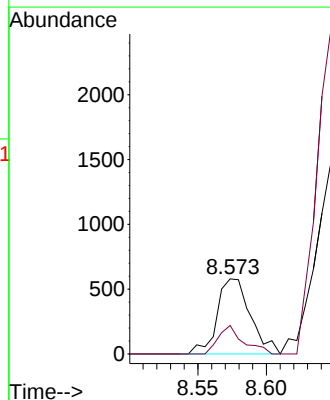
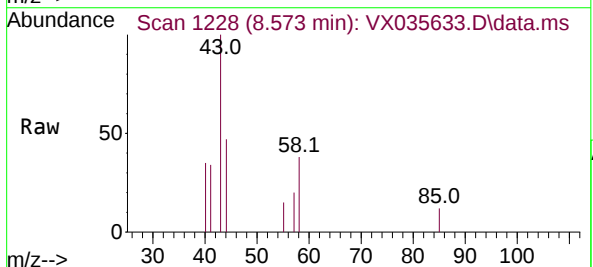
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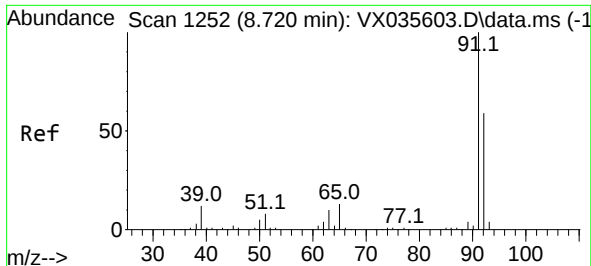
Tgt Ion: 43 Resp: 978

Ion Ratio Lower Upper

43 100

58 28.2 30.6 46.0#





#52

Toluene

Concen: 11.390 ug/l

RT: 8.720 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX035633.D

Acq: 12 May 2023 13:21

Instrument :

MSVOA_X

ClientSampleId :

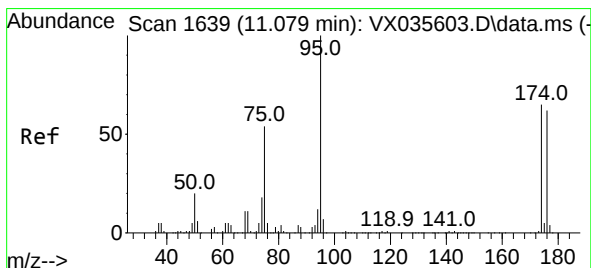
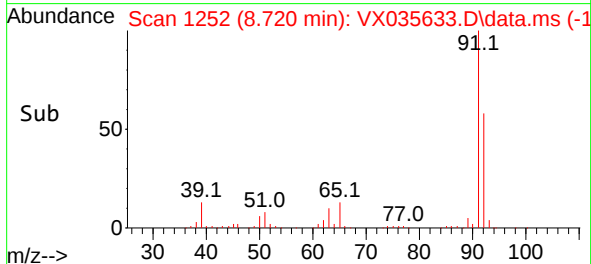
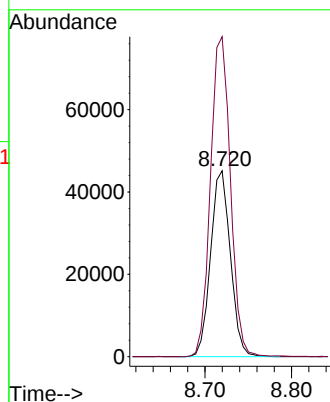
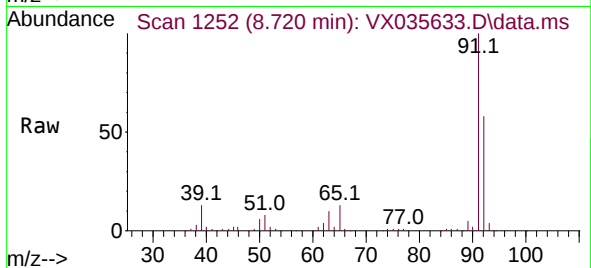
A5560

Tgt Ion: 92 Resp: 71586

Ion Ratio Lower Upper

92 100

91 173.9 136.8 205.2



#62

4-Bromofluorobenzene

Concen: 48.997 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX035633.D

Acq: 12 May 2023 13:21

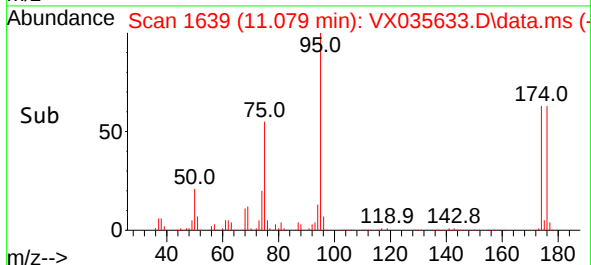
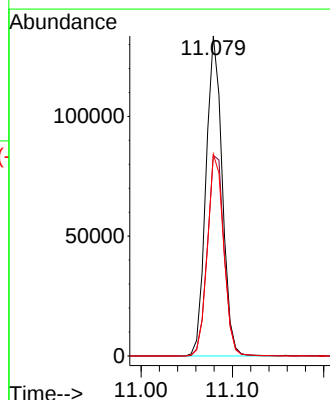
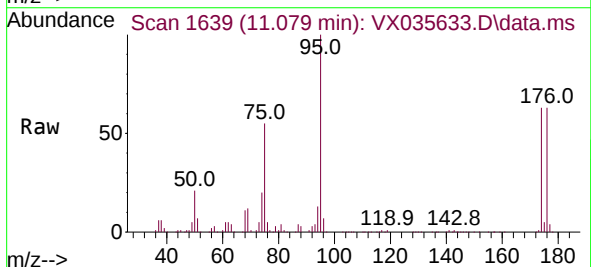
Tgt Ion: 95 Resp: 164336

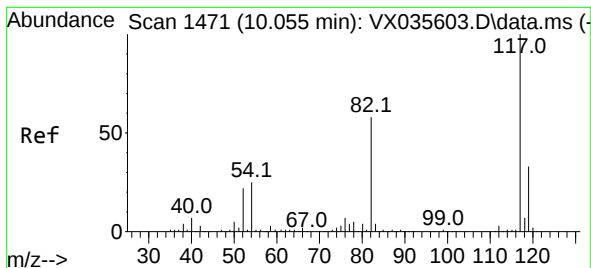
Ion Ratio Lower Upper

95 100

174 64.7 0.0 147.4

176 62.9 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: VX035633.D

Acq: 12 May 2023 13:21

Instrument :

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A5560

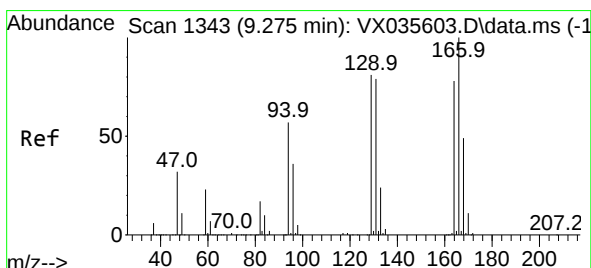
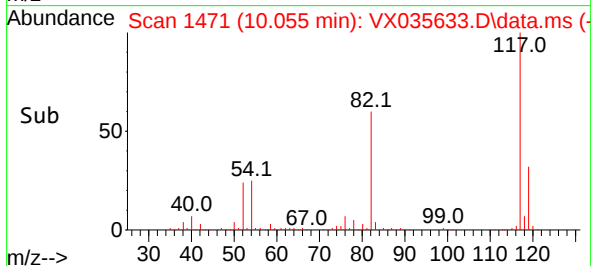
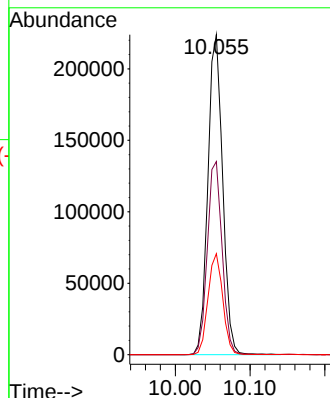
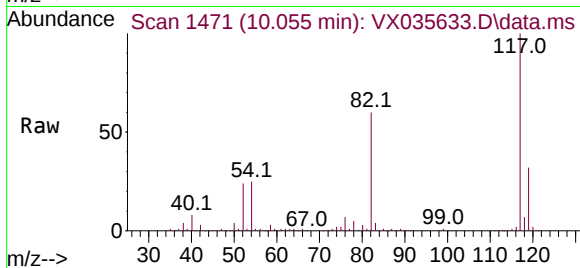
Tgt Ion:117 Resp: 306327

Ion Ratio Lower Upper

117 100

82 60.3 45.0 67.4

119 31.6 26.0 39.0



#64

Tetrachloroethene

Concen: 0.297 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VX035633.D

Acq: 12 May 2023 13:21

Tgt Ion:164 Resp: 613

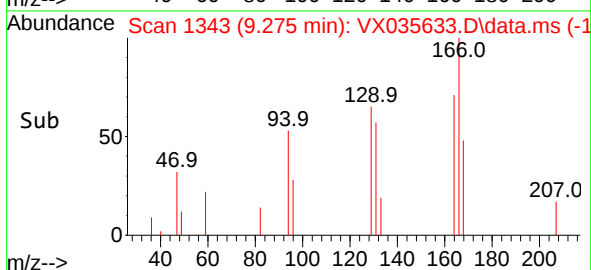
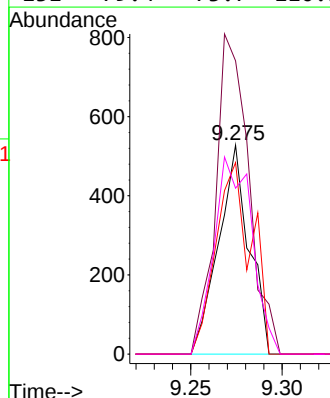
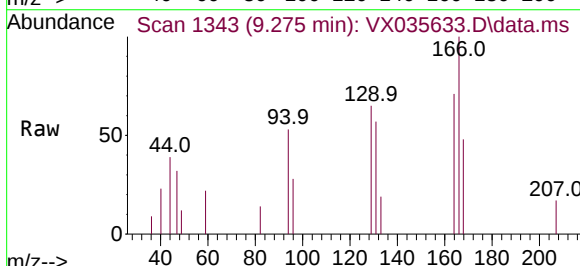
Ion Ratio Lower Upper

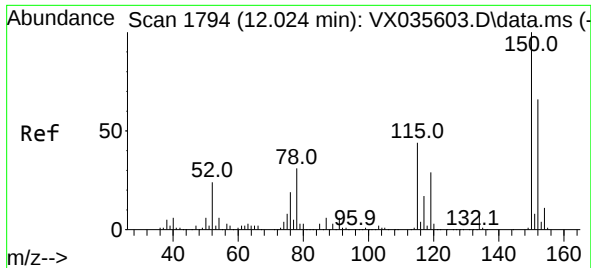
164 100

166 140.3 102.7 154.1

129 91.7 75.6 113.4

131 79.4 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: VX035633.D

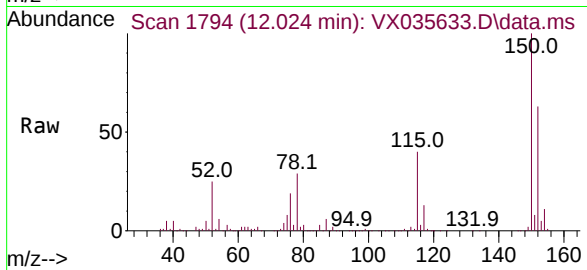
Acq: 12 May 2023 13:21

Instrument :

MSVOA_X

ClientSampleId :

A5560



Tgt Ion:152 Resp: 132347

Ion Ratio Lower Upper

152 100

115 65.0 45.0 135.0

150 159.3 0.0 352.4

