

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060523\
 Data File : VX036016.D
 Acq On : 05 Jun 2023 20:23
 Operator : JC/MD
 Sample : 03016-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

Quant Time: Jun 06 06:49:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 31 12:50:30 2023
 Response via : Initial Calibration

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

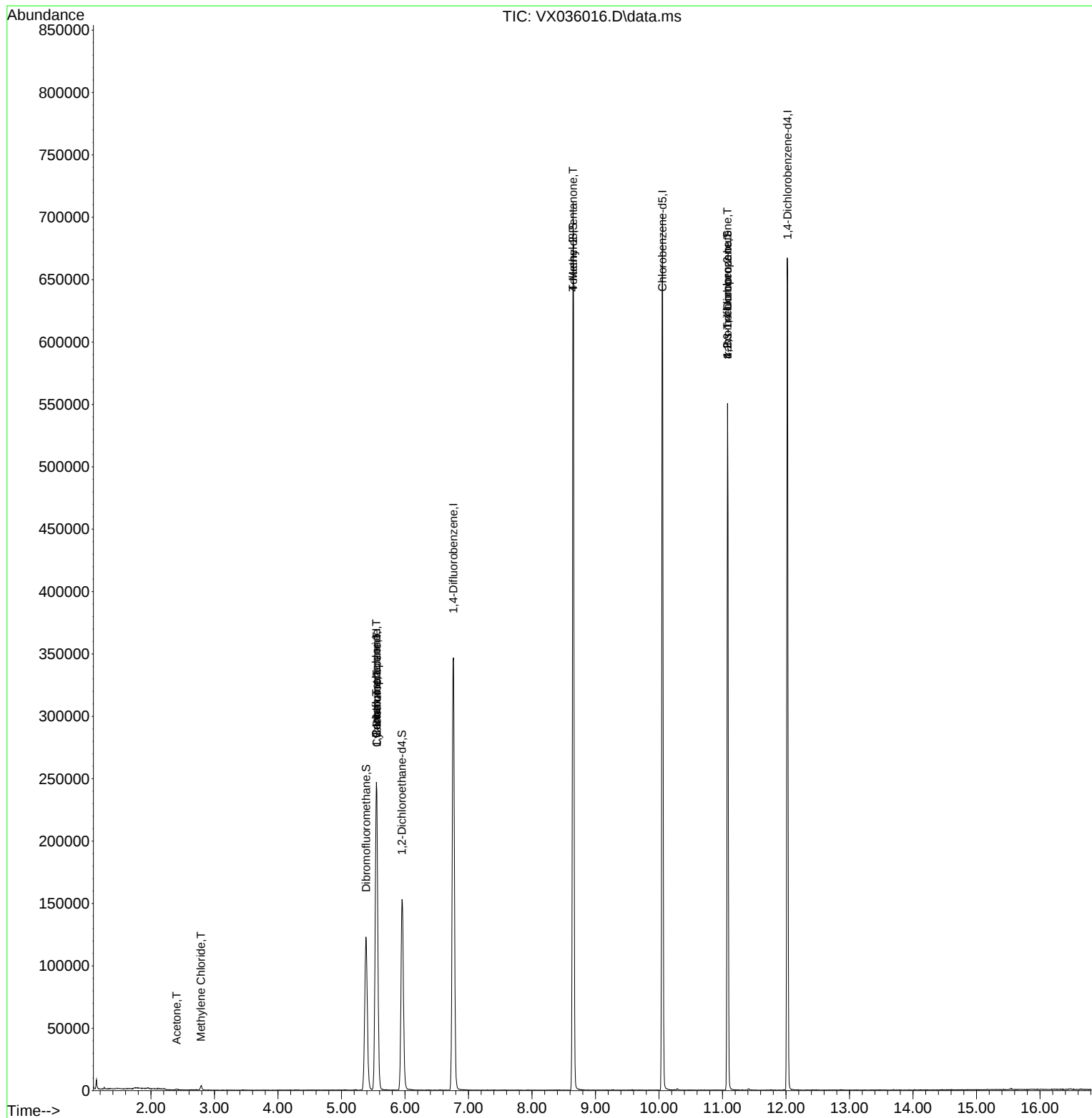
Internal Standards						
1) Pentafluorobenzene	5.550	168	207078	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	338214	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	288419	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	129193	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	158183	47.041	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.080%
35) Dibromofluoromethane	5.385	113	104620	45.991	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.980%
50) Toluene-d8	8.647	98	400027	48.998	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.000%
62) 4-Bromofluorobenzene	11.079	95	149144	46.277	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.560%
Target Compounds						
					Qvalue	
16) Acetone	2.404	43	1083	0.781	ug/l #	87
20) Methylene Chloride	2.788	84	1521	0.569	ug/l	94
31) Cyclohexane	5.556	56	5977	1.698	ug/l #	41
36) 1,1-Dichloropropene	5.556	75	19617	6.468	ug/l #	53
38) Carbon Tetrachloride	5.550	117	24501	8.289	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	2215	0.653	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	81381	27.929	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	81381	94.073	ug/l #	3

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

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Quant Time: Jun 06 06:49:08 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
Quant Title : SW846 8260
QLast Update : Wed May 31 12:50:30 2023
Response via : Initial Calibration

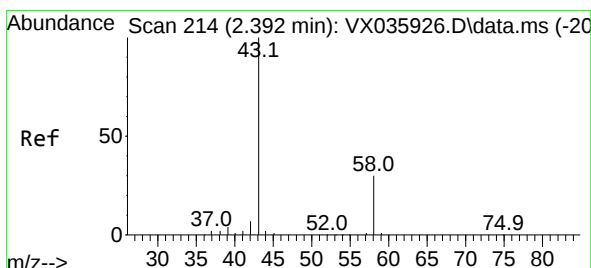
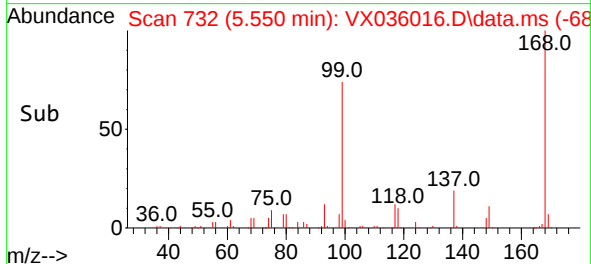
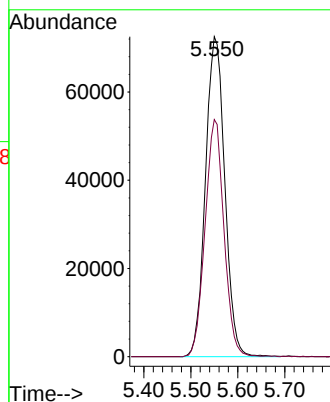
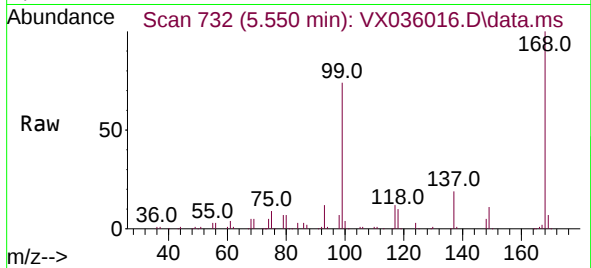




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX036016.D
Acq: 05 Jun 2023 20:23

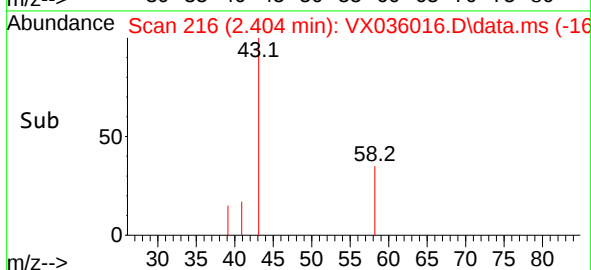
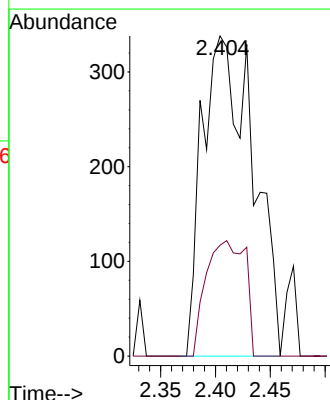
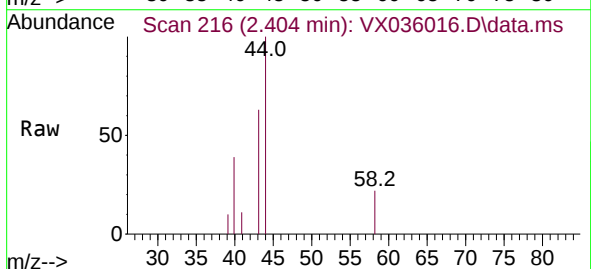
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

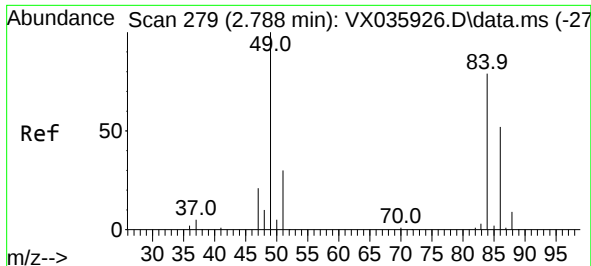
Tgt Ion:168 Resp: 207078
Ion Ratio Lower Upper
168 100
99 74.1 57.0 85.6



#16
Acetone
Concen: 0.781 ug/l
RT: 2.404 min Scan# 216
Delta R.T. 0.013 min
Lab File: VX036016.D
Acq: 05 Jun 2023 20:23

Tgt Ion: 43 Resp: 1083
Ion Ratio Lower Upper
43 100
58 34.6 22.2 33.2#





#20

Methylene Chloride

Concen: 0.569 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX036016.D

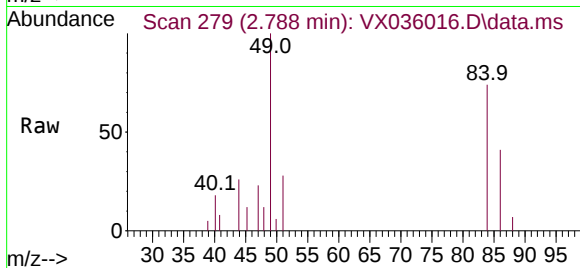
Acq: 05 Jun 2023 20:23

Instrument :

MSVOA_X

ClientSampleId :

TRIP-BLANK



Tgt Ion: 84 Resp: 1521

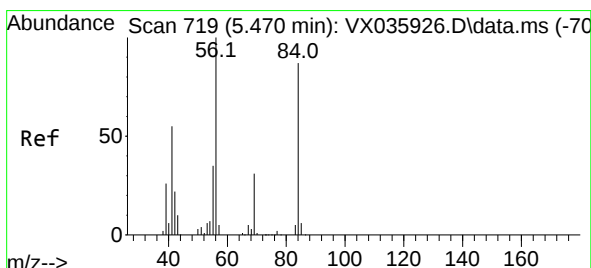
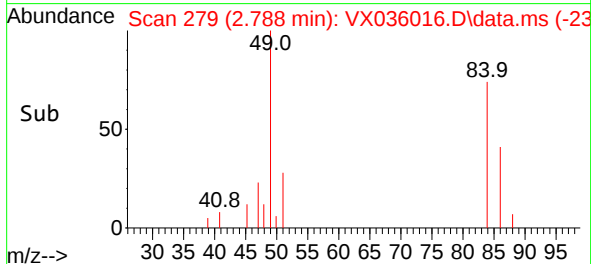
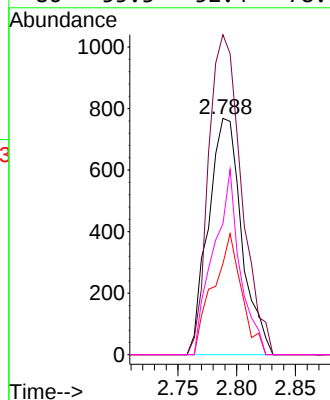
Ion Ratio Lower Upper

84 100

49 135.4 104.6 156.8

51 38.5 32.2 48.4

86 55.3 52.4 78.6



#31

Cyclohexane

Concen: 1.698 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.086 min

Lab File: VX036016.D

Acq: 05 Jun 2023 20:23

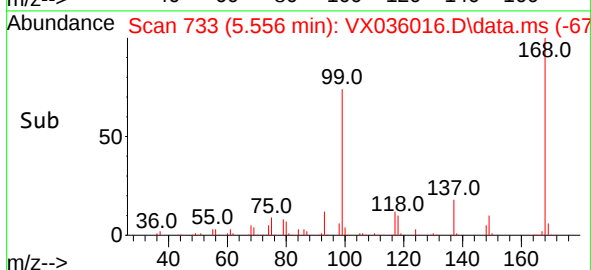
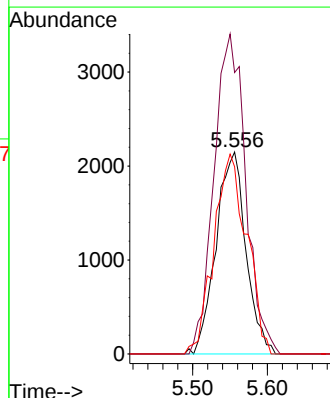
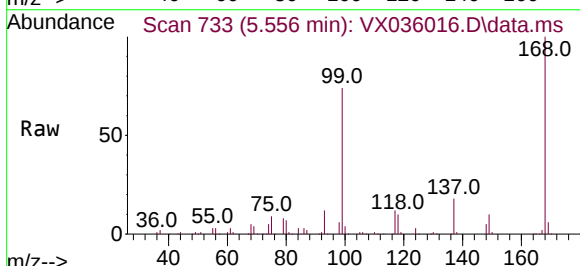
Tgt Ion: 56 Resp: 5977

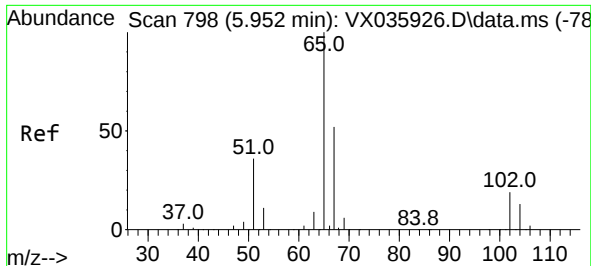
Ion Ratio Lower Upper

56 100

69 139.4 25.9 38.9#

84 92.7 67.6 101.4





#33

1,2-Dichloroethane-d4

Concen: 47.041 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX036016.D

Acq: 05 Jun 2023 20:23

Instrument :

MSVOA_X

ClientSampleId :

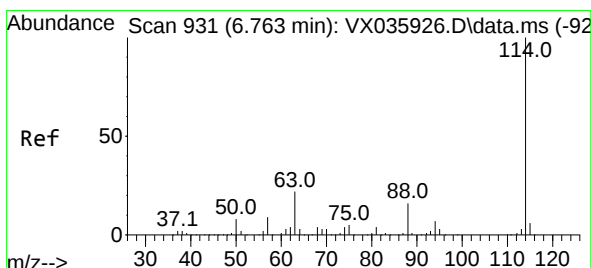
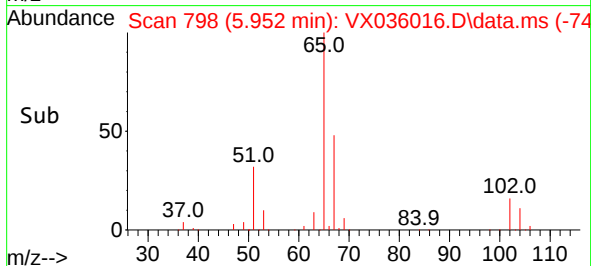
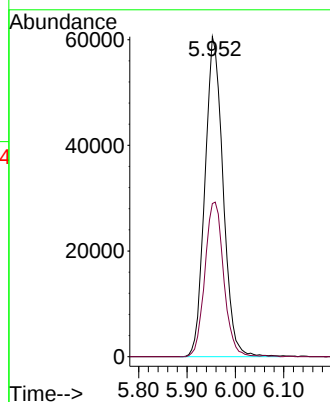
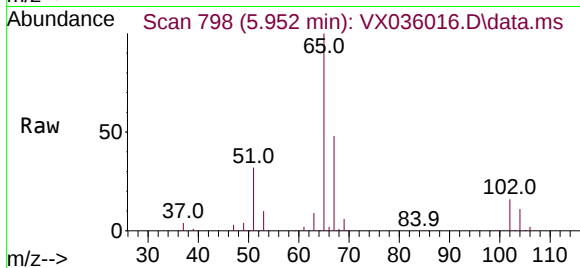
TRIP-BLANK

Tgt Ion: 65 Resp: 158183

Ion Ratio Lower Upper

65 100

67 49.9 0.0 99.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX036016.D

Acq: 05 Jun 2023 20:23

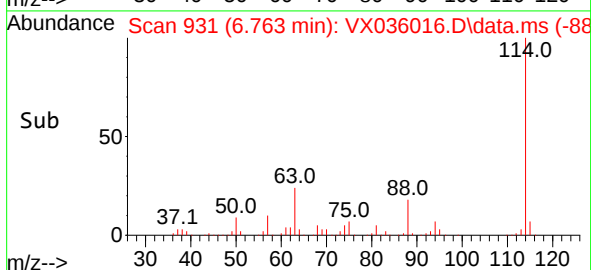
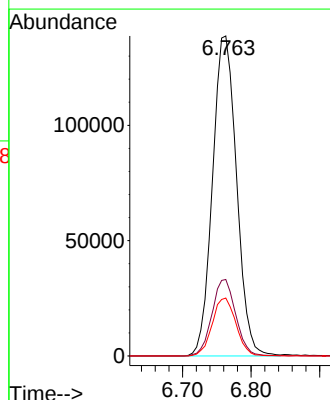
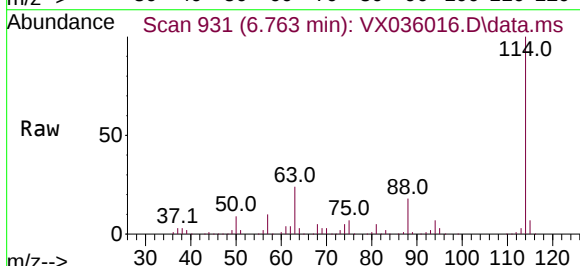
Tgt Ion: 114 Resp: 338214

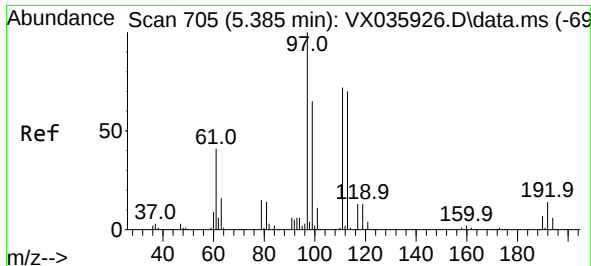
Ion Ratio Lower Upper

114 100

63 23.9 0.0 46.0

88 18.1 0.0 35.2





#35

Dibromofluoromethane

Concen: 45.991 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX036016.D

Acq: 05 Jun 2023 20:23

Instrument :

MSVOA_X

ClientSampleId :

TRIP-BLANK

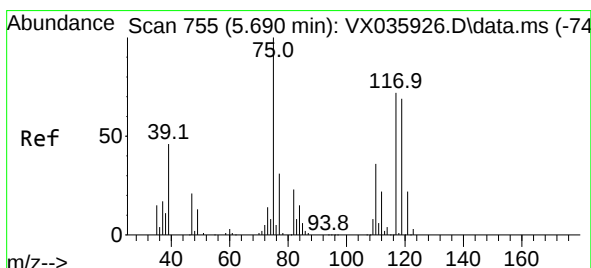
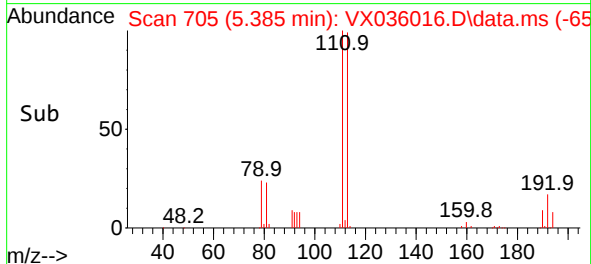
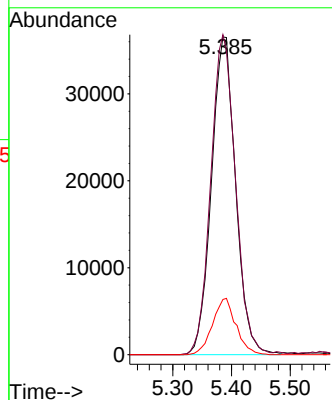
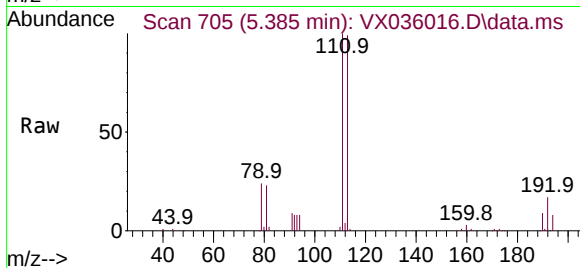
Tgt Ion:113 Resp: 104620

Ion Ratio Lower Upper

113 100

111 102.7 81.7 122.5

192 17.2 13.5 20.3



#36

1,1-Dichloropropene

Concen: 6.468 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.134 min

Lab File: VX036016.D

Acq: 05 Jun 2023 20:23

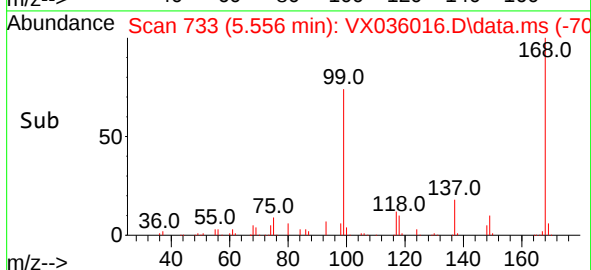
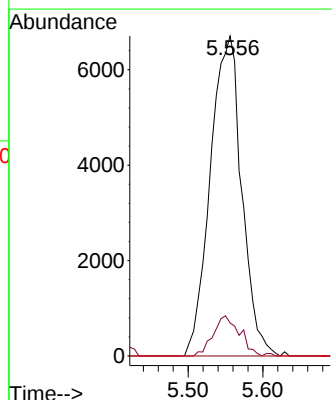
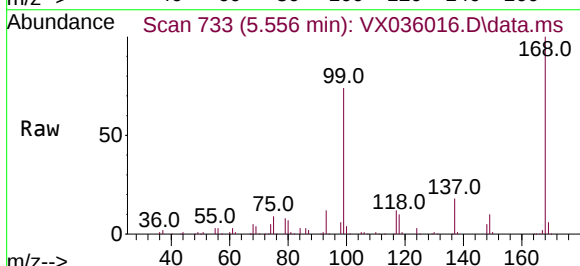
Tgt Ion: 75 Resp: 19617

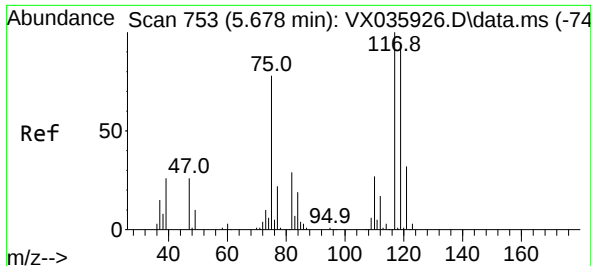
Ion Ratio Lower Upper

75 100

110 10.6 16.6 49.7#

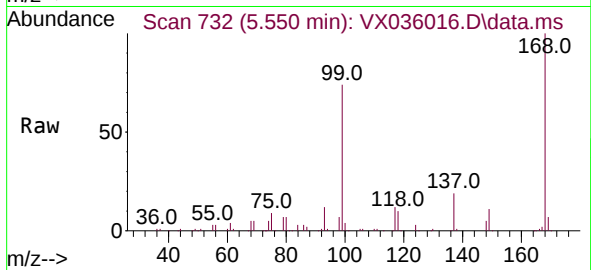
77 0.0 24.4 36.6#



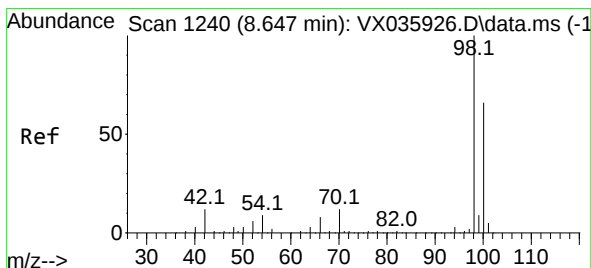
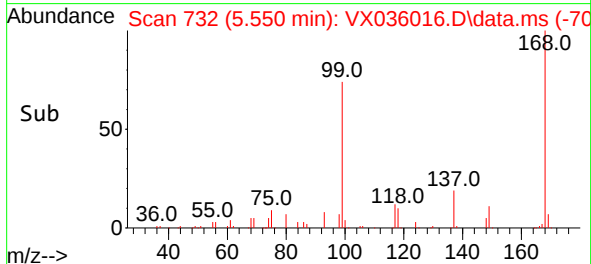
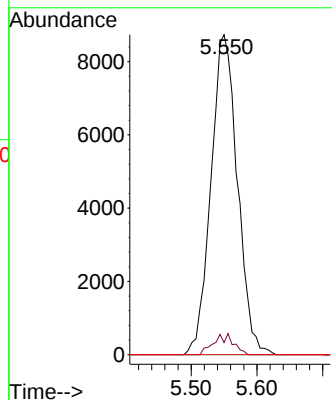


#38
Carbon Tetrachloride
Concen: 8.289 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.127 min
Lab File: VX036016.D
Acq: 05 Jun 2023 20:23

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

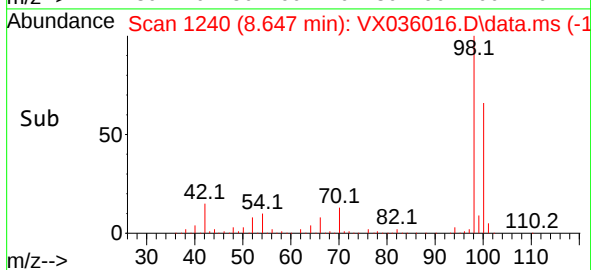
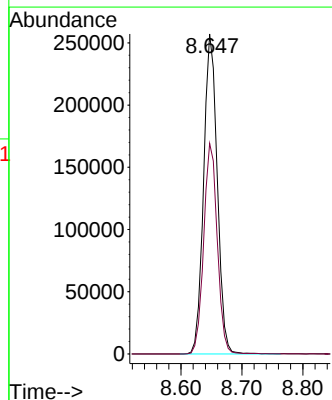
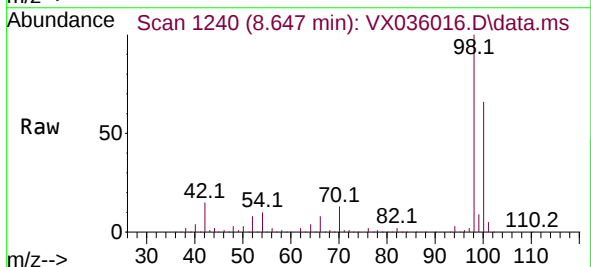


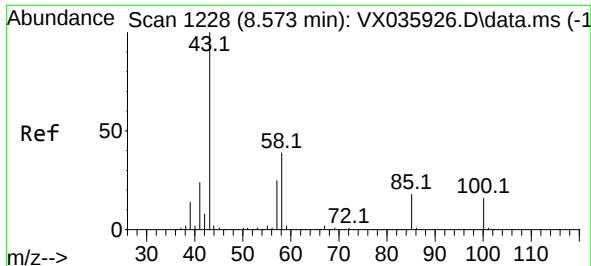
Tgt Ion:117 Resp: 24501
Ion Ratio Lower Upper
117 100
119 3.8 74.1 111.1#
121 0.0 25.0 37.4#



#50
Toluene-d8
Concen: 48.998 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX036016.D
Acq: 05 Jun 2023 20:23

Tgt Ion: 98 Resp: 400027
Ion Ratio Lower Upper
98 100
100 65.6 53.4 80.0

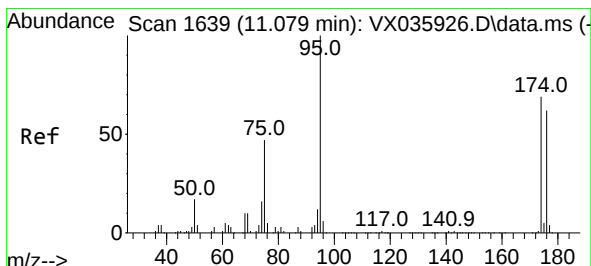
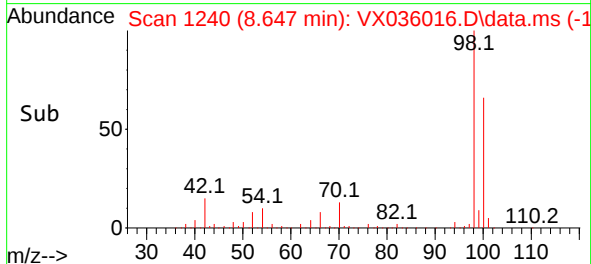
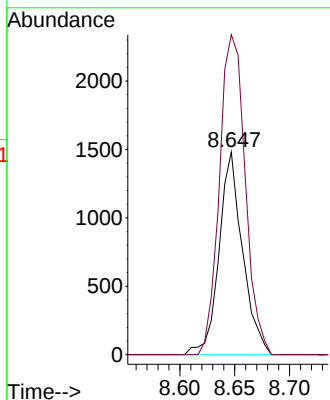
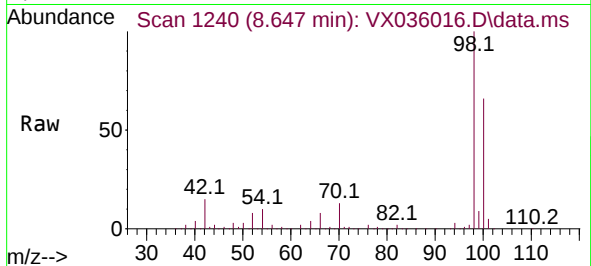




#51
4-Methyl-2-Pentanone
Concen: 0.653 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.074 min
Lab File: VX036016.D
Acq: 05 Jun 2023 20:23

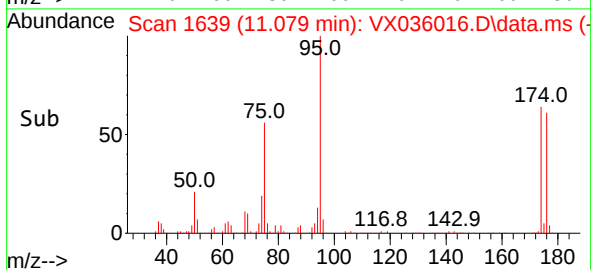
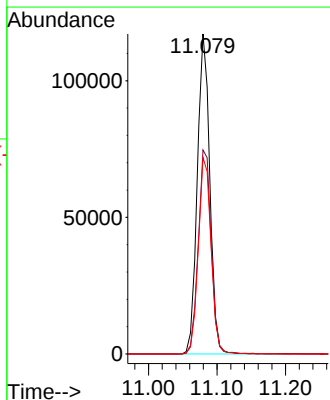
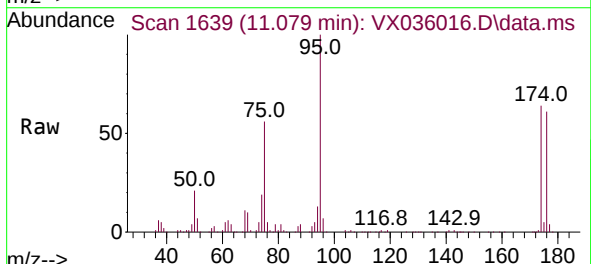
Instrument :
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ClientSampleId :
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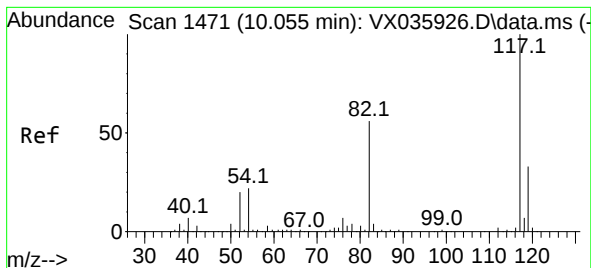
Tgt Ion: 43 Resp: 2215
Ion Ratio Lower Upper
43 100
58 172.8 30.1 45.1#



#62
4-Bromofluorobenzene
Concen: 46.277 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036016.D
Acq: 05 Jun 2023 20:23

Tgt Ion: 95 Resp: 149144
Ion Ratio Lower Upper
95 100
174 65.7 0.0 132.6
176 62.3 0.0 128.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX036016.D

Acq: 05 Jun 2023 20:23

Instrument :

MSVOA_X

ClientSampleId :

TRIP-BLANK

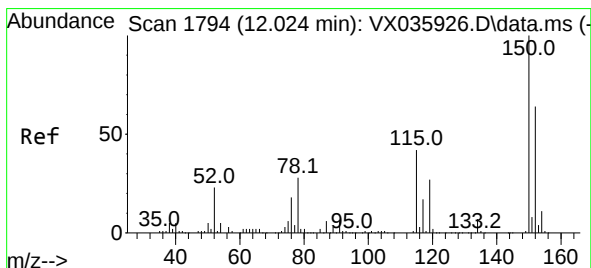
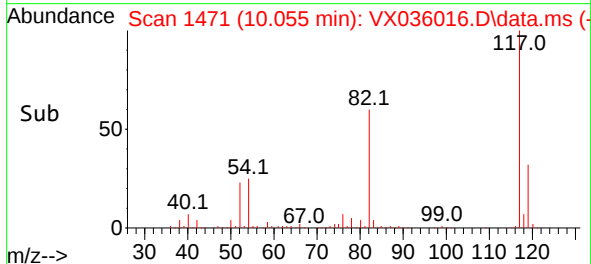
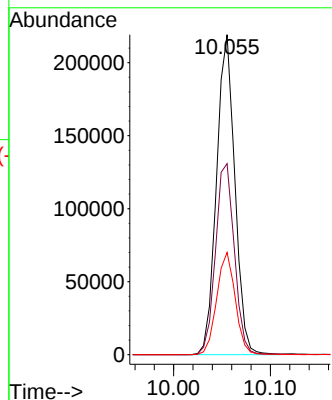
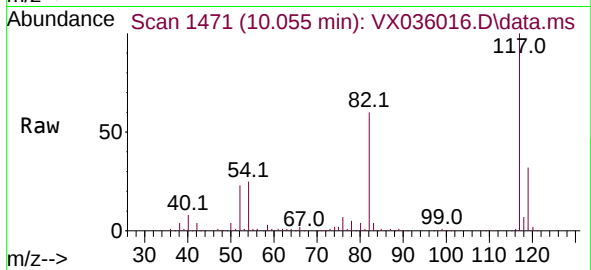
Tgt Ion:117 Resp: 288419

Ion Ratio Lower Upper

117 100

82 59.7 46.6 69.8

119 31.9 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX036016.D

Acq: 05 Jun 2023 20:23

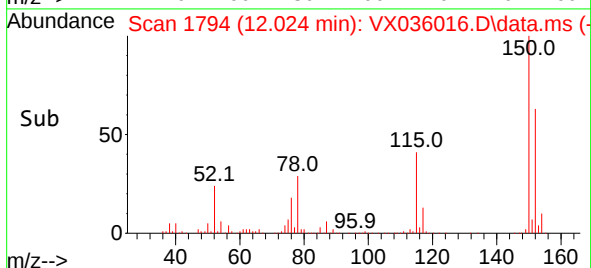
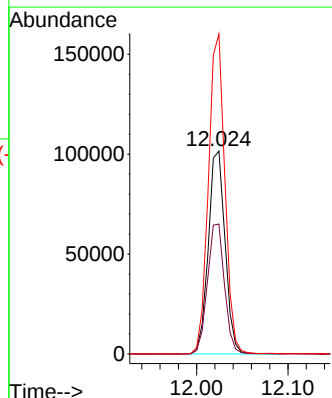
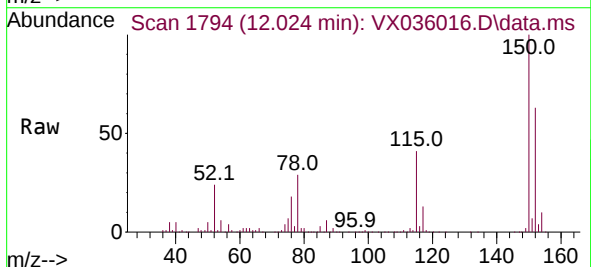
Tgt Ion:152 Resp: 129193

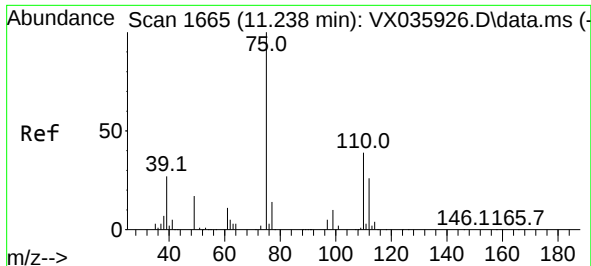
Ion Ratio Lower Upper

152 100

115 65.1 45.5 136.5

150 154.3 0.0 345.2

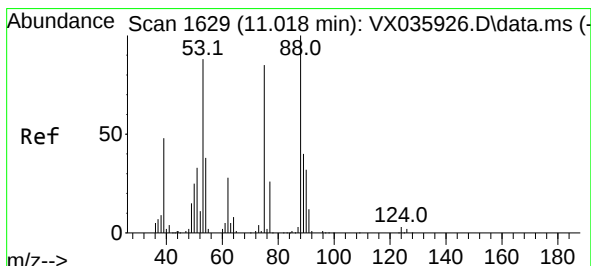
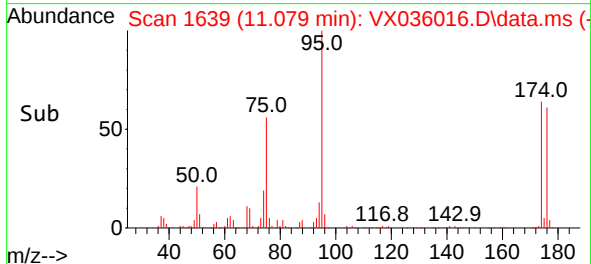
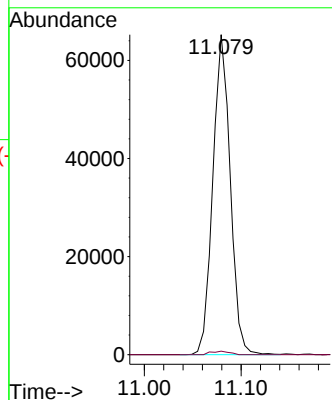
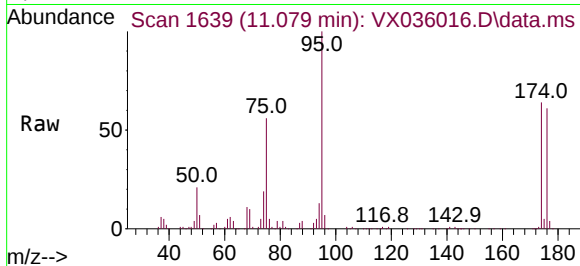




#76
1,2,3-Trichloropropane
Concen: 27.929 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX036016.D
Acq: 05 Jun 2023 20:23

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

Tgt Ion: 75 Resp: 81381
Ion Ratio Lower Upper
75 100
77 1.2 21.4 64.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 94.073 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX036016.D
Acq: 05 Jun 2023 20:23

Tgt Ion: 75 Resp: 81381
Ion Ratio Lower Upper
75 100
53 0.0 95.2 142.8#
89 0.0 38.0 57.0#

