

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051322\
 Data File : VX028680.D
 Acq On : 13 May 2022 16:06
 Operator : JC/MD
 Sample : N2794-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW9-MW01D2-20220510

Quant Time: May 16 02:22:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

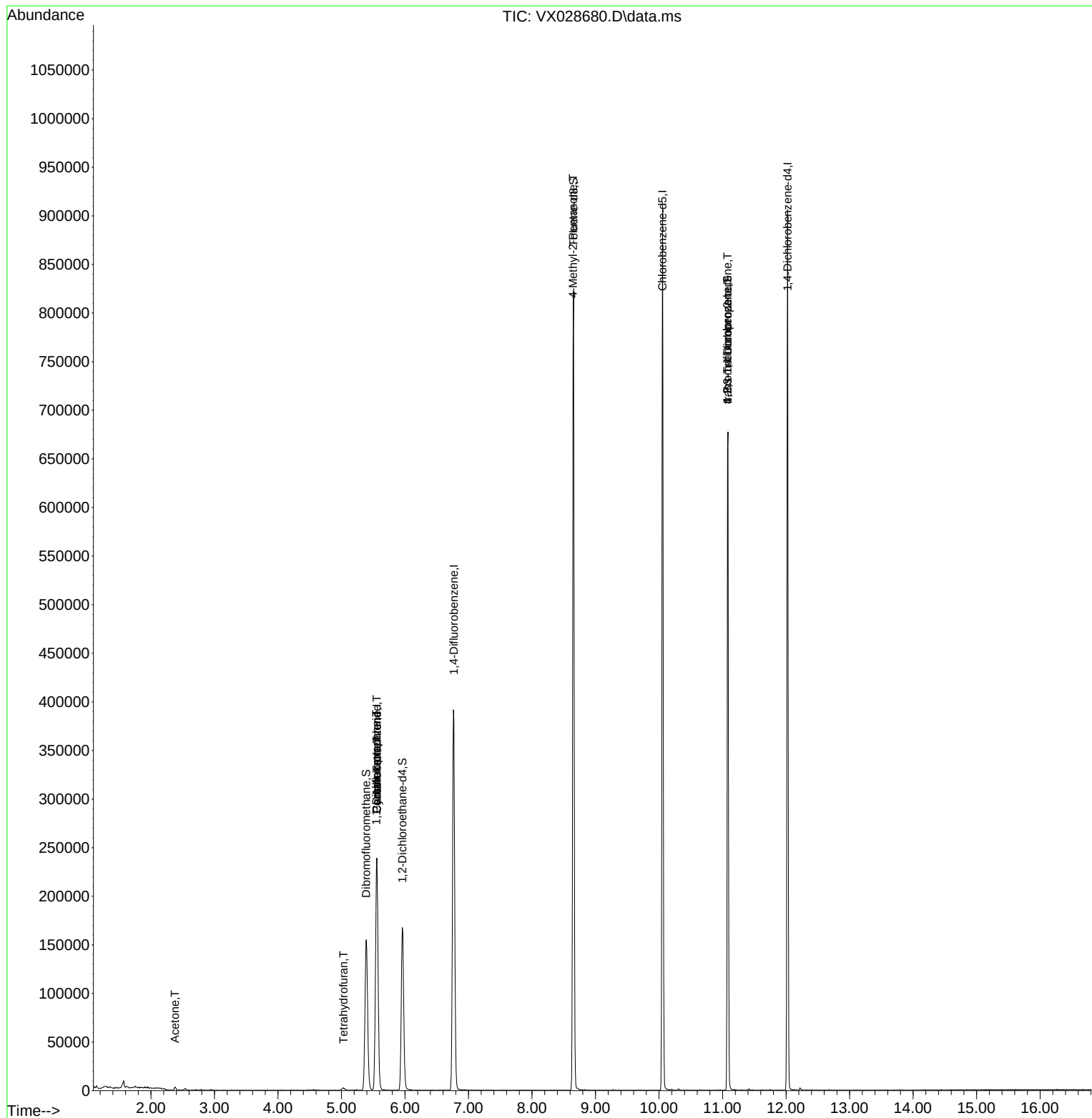
Internal Standards						
1) Pentafluorobenzene	5.556	168	212441	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	402114	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	384405	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	172190	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	159419	54.744	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 109.480%	
35) Dibromofluoromethane	5.385	113	133088	50.516	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 101.040%	
50) Toluene-d8	8.653	98	485944	48.923	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 97.840%	
62) 4-Bromofluorobenzene	11.079	95	177487	47.840	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 95.680%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.605	94	556	Below Cal	#	60
6) Chloroethane	1.709	64	145	Below Cal	#	43
11) Tert butyl alcohol	2.940	59	324	Below Cal	#	72
16) Acetone	2.380	43	3584	2.868	ug/l #	86
29) Tetrahydrofuran	5.031	42	2171	1.703	ug/l #	86
31) Cyclohexane	5.556	56	5322	1.317	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	18134	4.583	ug/l #	50
38) Carbon Tetrachloride	5.556	117	23635	5.935	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	2381	0.559	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	96351	23.893	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	96351	69.633	ug/l #	15

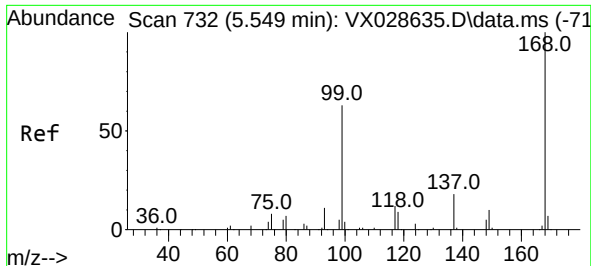
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

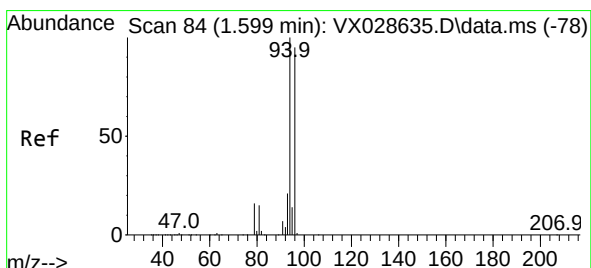
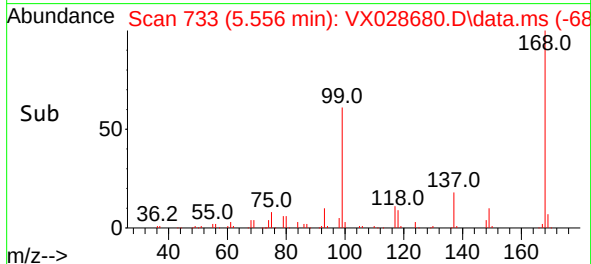
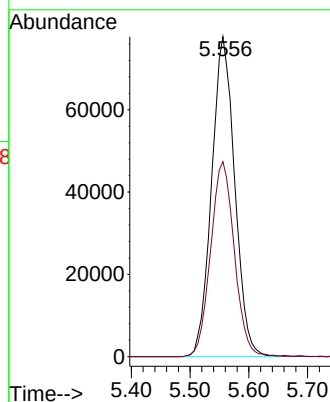
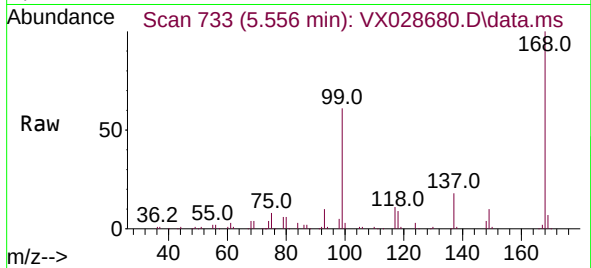




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028680.D
Acq: 13 May 2022 16:06

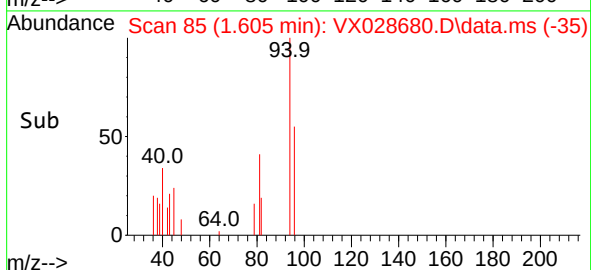
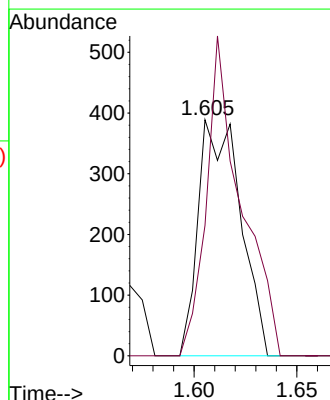
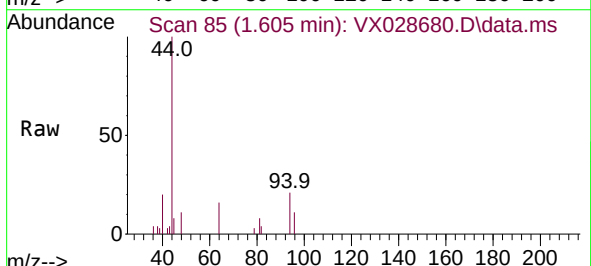
Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01D2-20220510

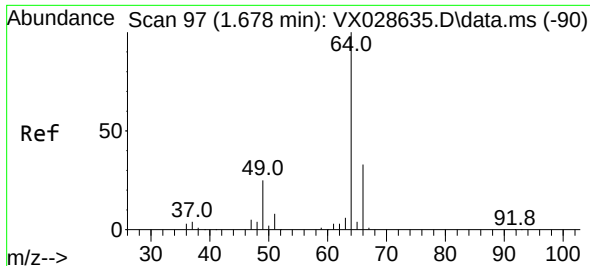
Tgt Ion:168 Resp: 212441
Ion Ratio Lower Upper
168 100
99 61.0 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX028680.D
Acq: 13 May 2022 16:06

Tgt Ion: 94 Resp: 556
Ion Ratio Lower Upper
94 100
96 55.3 75.3 112.9#

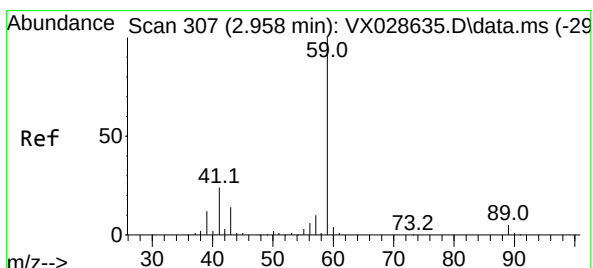
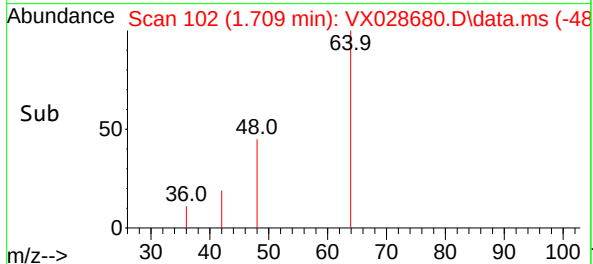
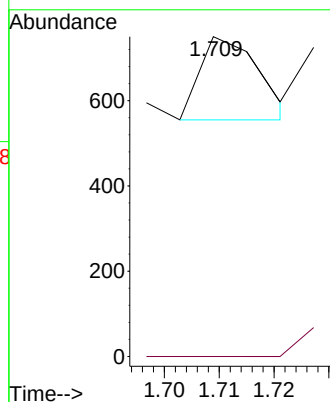
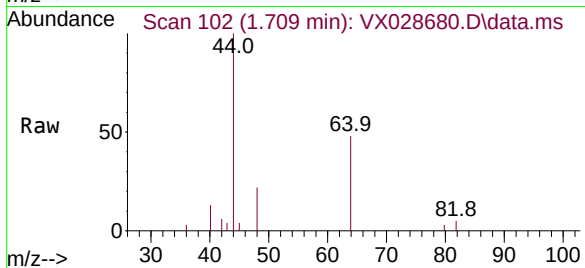




#6
Chloroethane
Concen: Below Cal
RT: 1.709 min Scan# 10
Delta R.T. 0.031 min
Lab File: VX028680.D
Acq: 13 May 2022 16:06

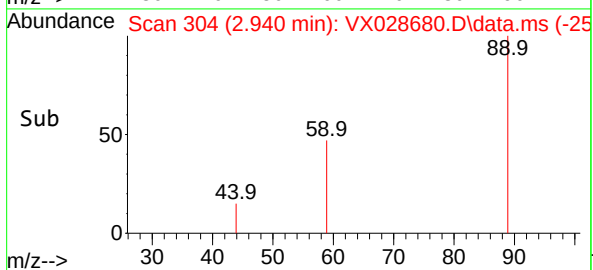
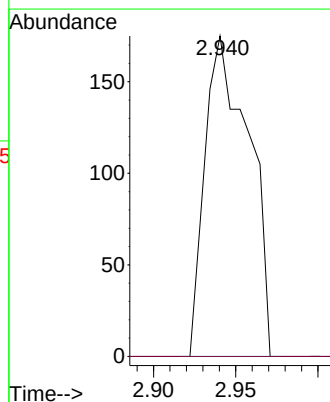
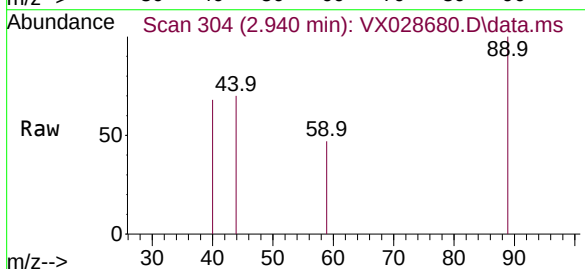
Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01D2-20220510

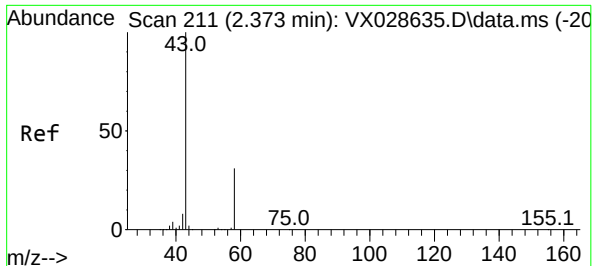
Tgt Ion: 64 Resp: 145
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.940 min Scan# 304
Delta R.T. -0.018 min
Lab File: VX028680.D
Acq: 13 May 2022 16:06

Tgt Ion: 59 Resp: 324
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

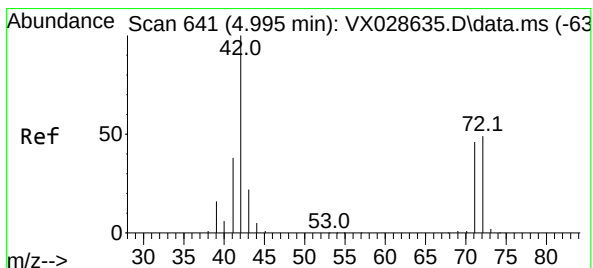
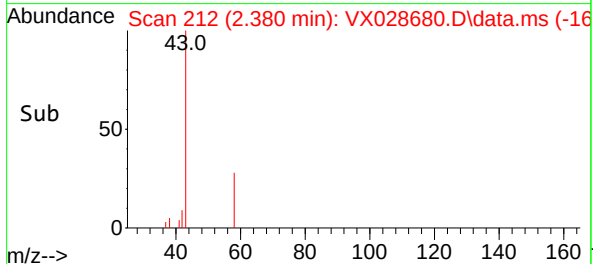
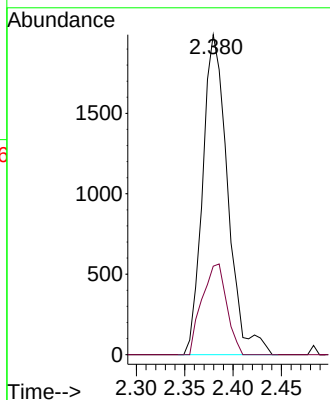
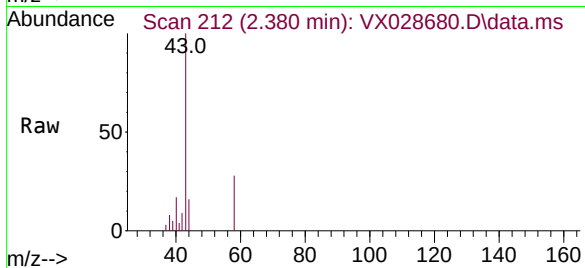




#16
Acetone
Concen: 2.868 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.007 min
Lab File: VX028680.D
Acq: 13 May 2022 16:06

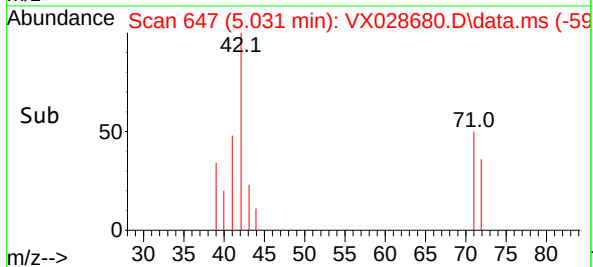
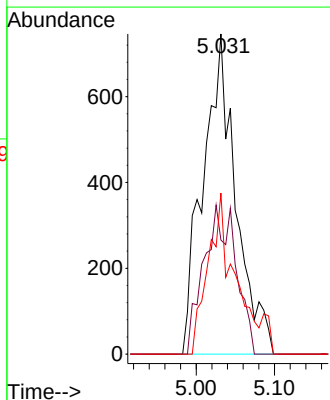
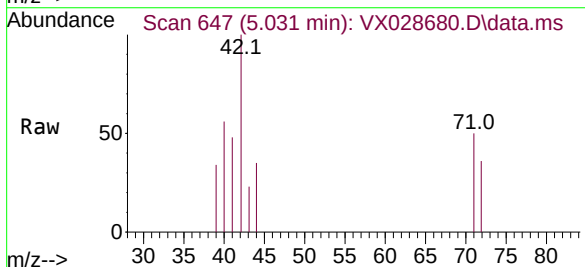
Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01D2-20220510

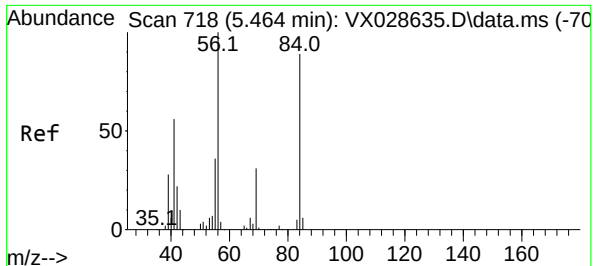
Tgt Ion: 43 Resp: 3584
Ion Ratio Lower Upper
43 100
58 27.7 28.8 43.2#



#29
Tetrahydrofuran
Concen: 1.703 ug/l
RT: 5.031 min Scan# 647
Delta R.T. 0.036 min
Lab File: VX028680.D
Acq: 13 May 2022 16:06

Tgt Ion: 42 Resp: 2171
Ion Ratio Lower Upper
42 100
72 45.3 44.1 66.1
71 40.4 40.5 60.7#

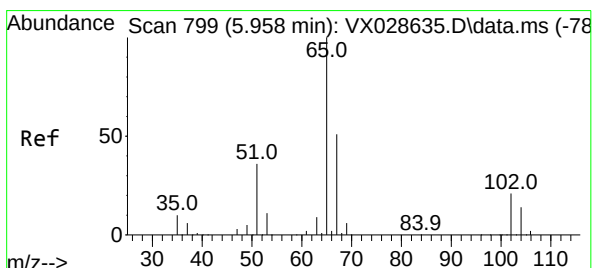
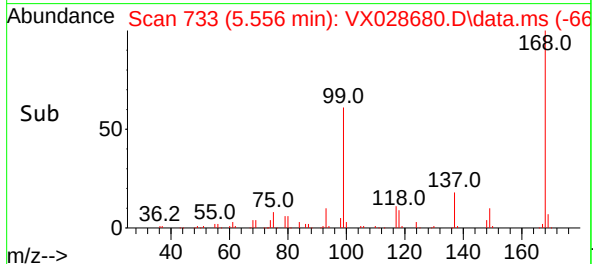
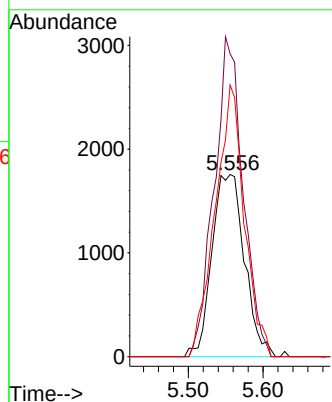
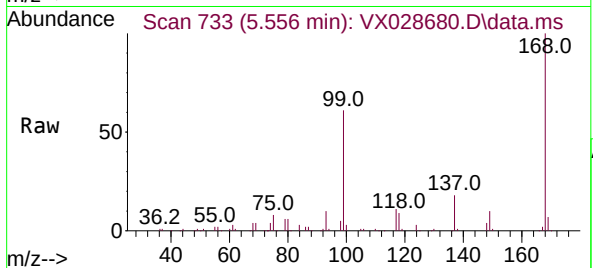




#31
Cyclohexane
Concen: 1.317 ug/l
RT: 5.556 min Scan# 718
Delta R.T. 0.092 min
Lab File: VX028680.D
Acq: 13 May 2022 16:06

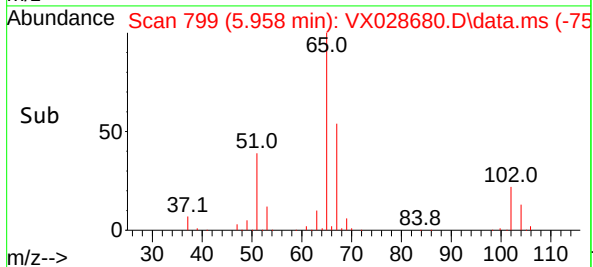
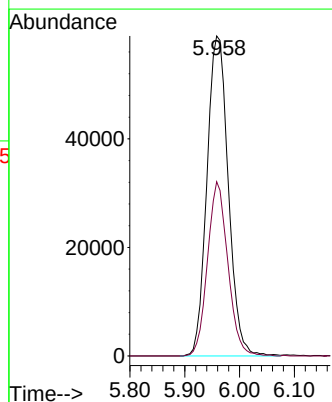
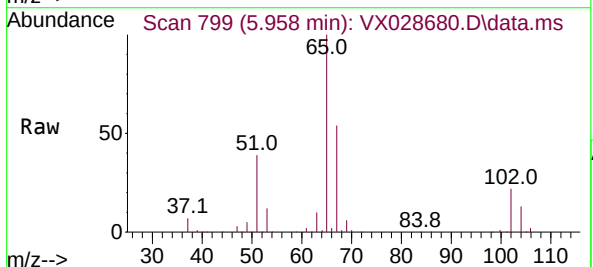
Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01D2-20220510

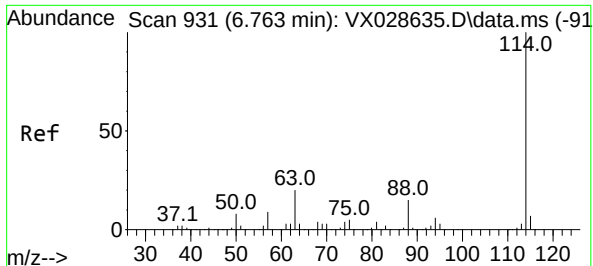
Tgt Ion: 56 Resp: 5322
Ion Ratio Lower Upper
56 100
69 166.2 26.7 40.1#
84 149.1 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 54.744 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028680.D
Acq: 13 May 2022 16:06

Tgt Ion: 65 Resp: 159419
Ion Ratio Lower Upper
65 100
67 51.9 0.0 107.4

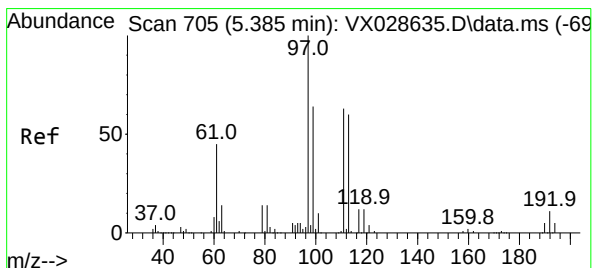
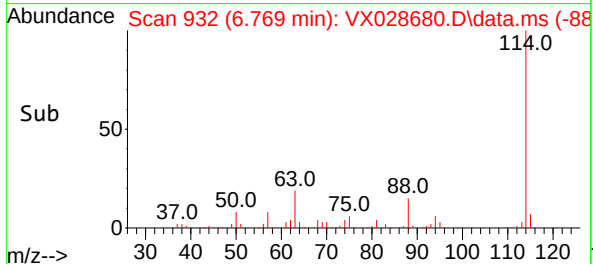
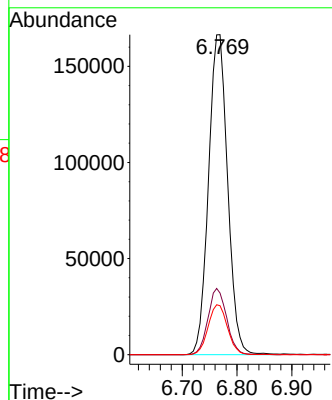
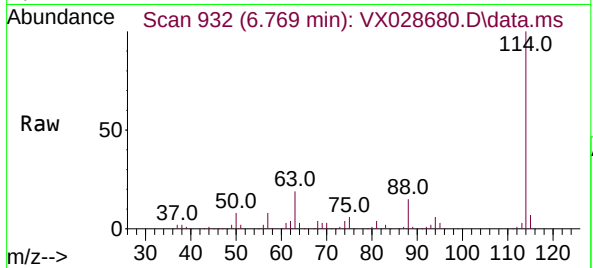




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX028680.D
Acq: 13 May 2022 16:06

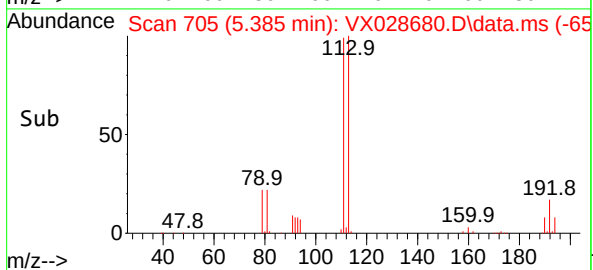
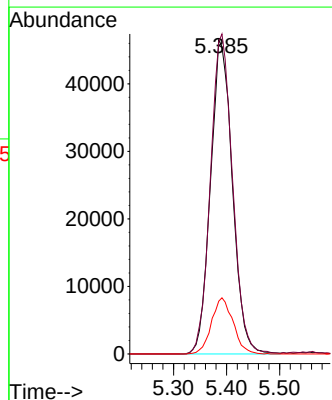
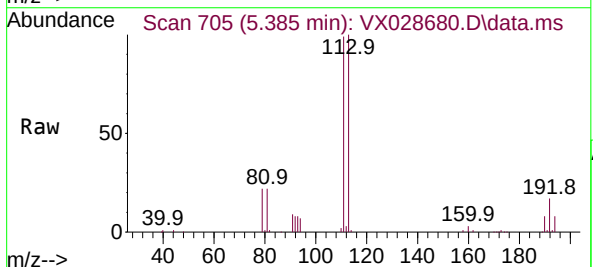
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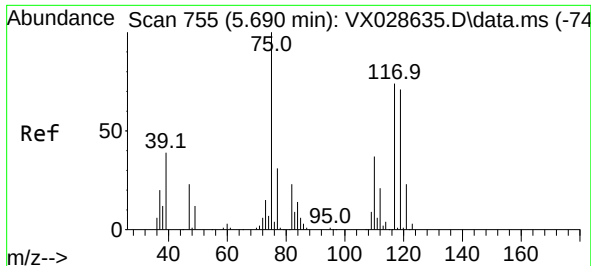
Tgt Ion:114 Resp: 402114
Ion Ratio Lower Upper
114 100
63 19.3 0.0 36.8
88 15.3 0.0 32.4



#35
Dibromofluoromethane
Concen: 50.516 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX028680.D
Acq: 13 May 2022 16:06

Tgt Ion:113 Resp: 133088
Ion Ratio Lower Upper
113 100
111 103.0 82.8 124.2
192 17.7 16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.583 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX028680.D

Acq: 13 May 2022 16:06

Instrument :

MSVOA_X

ClientSampleId :

RW9-MW01D2-20220510

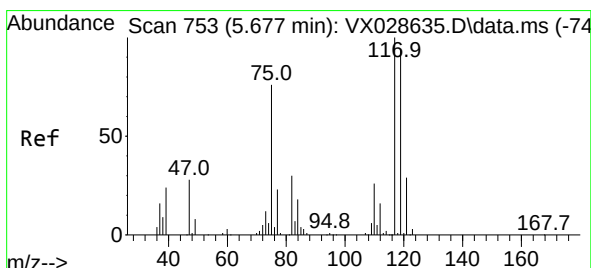
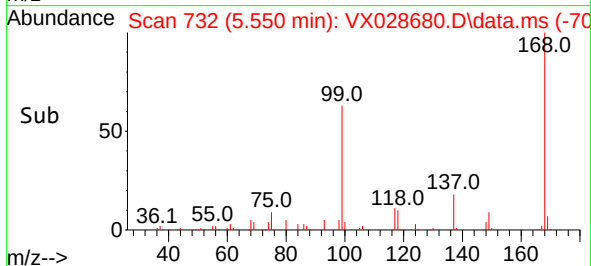
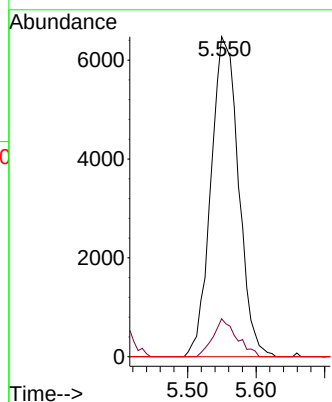
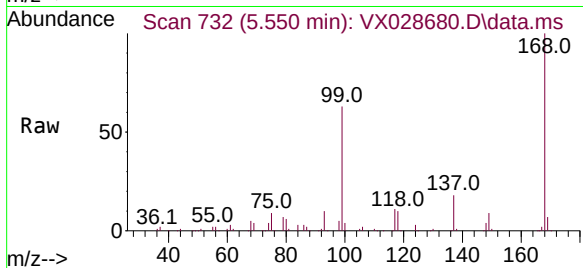
Tgt Ion: 75 Resp: 18134

Ion Ratio Lower Upper

75 100

110 10.3 18.3 54.8#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 5.935 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.121 min

Lab File: VX028680.D

Acq: 13 May 2022 16:06

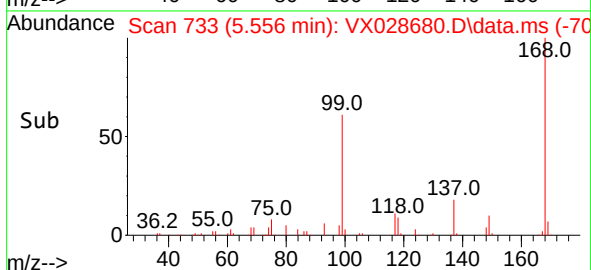
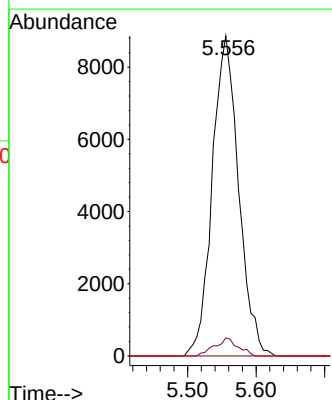
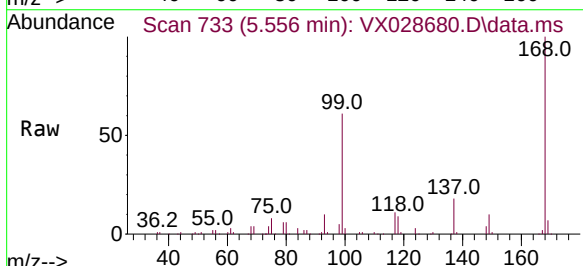
Tgt Ion: 117 Resp: 23635

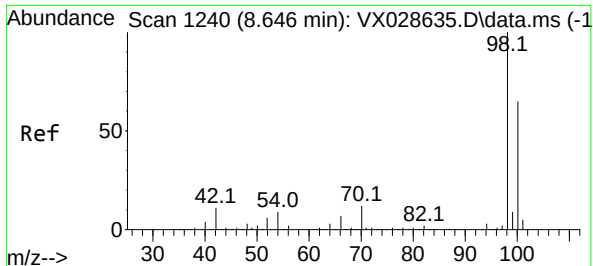
Ion Ratio Lower Upper

117 100

119 5.6 77.3 115.9#

121 0.0 24.2 36.2#





#50

Toluene-d8

Concen: 48.923 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.007 min

Lab File: VX028680.D

Acq: 13 May 2022 16:06

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ClientSampleId :

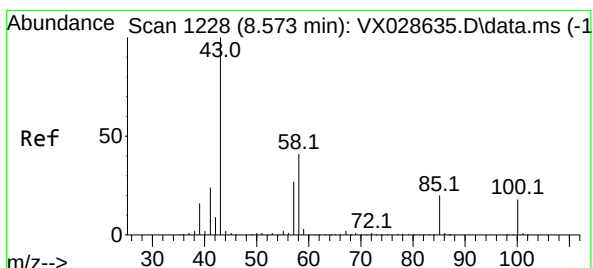
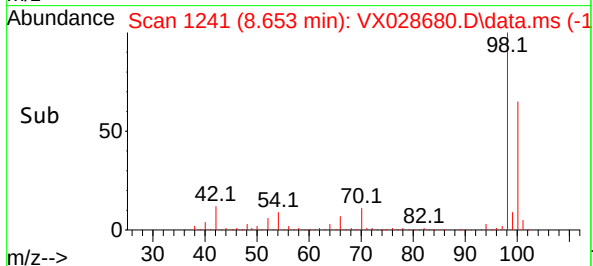
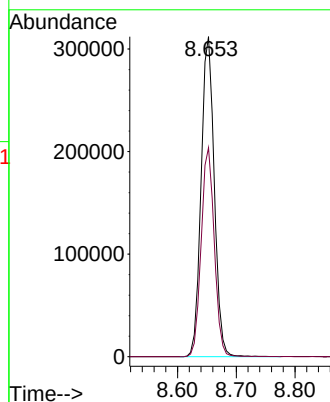
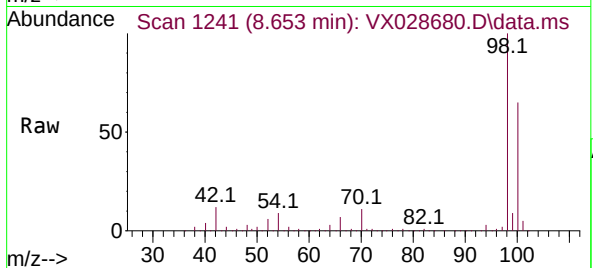
RW9-MW01D2-20220510

Tgt Ion: 98 Resp: 485944

Ion Ratio Lower Upper

98 100

100 65.0 52.6 78.8



#51

4-Methyl-2-Pentanone

Concen: 0.559 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.074 min

Lab File: VX028680.D

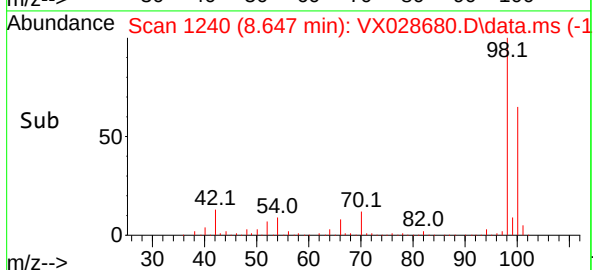
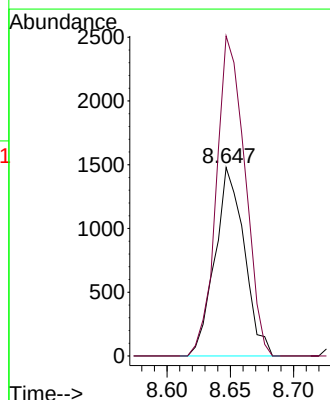
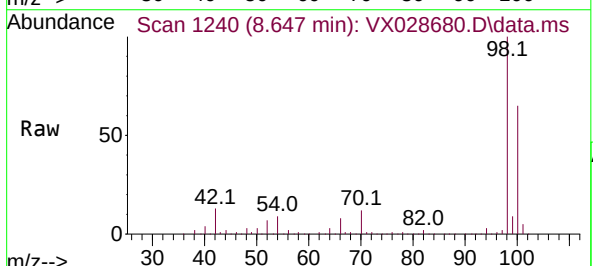
Acq: 13 May 2022 16:06

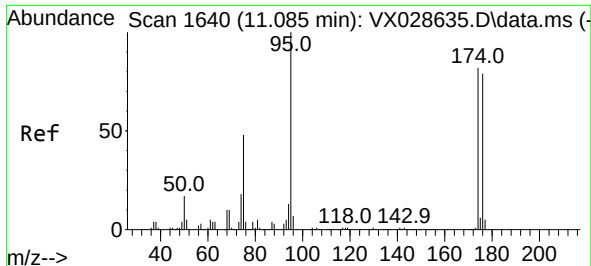
Tgt Ion: 43 Resp: 2381

Ion Ratio Lower Upper

43 100

58 165.4 36.1 54.1#





#62

4-Bromofluorobenzene

Concen: 47.840 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX028680.D

Acq: 13 May 2022 16:06

Instrument :

MSVOA_X

ClientSampleId :

RW9-MW01D2-20220510

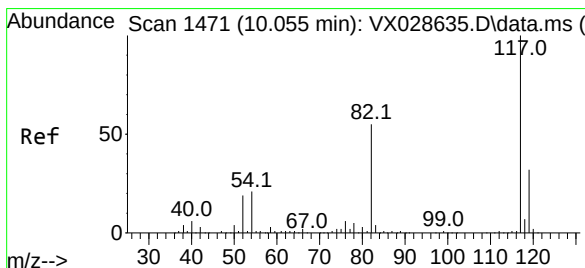
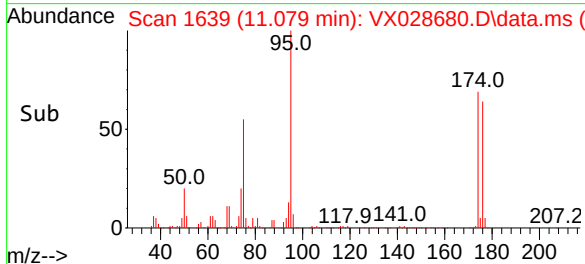
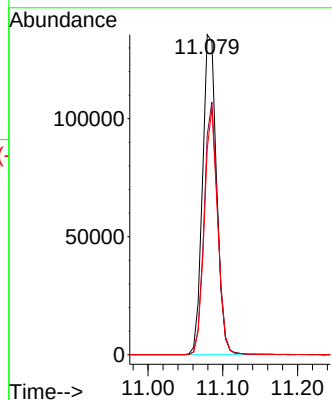
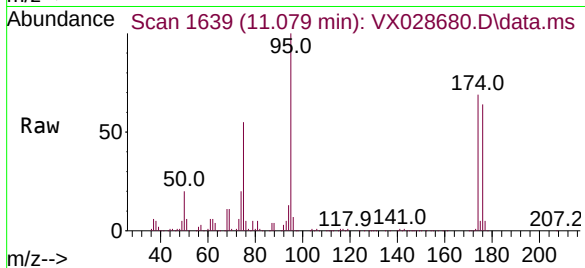
Tgt Ion: 95 Resp: 177487

Ion Ratio Lower Upper

95 100

174 75.9 0.0 163.0

176 72.6 0.0 155.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX028680.D

Acq: 13 May 2022 16:06

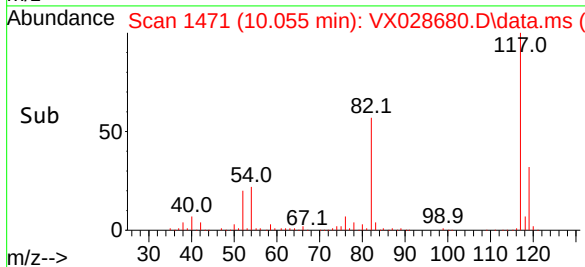
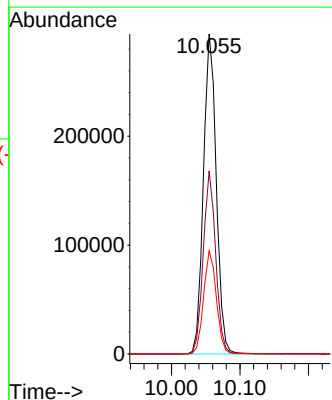
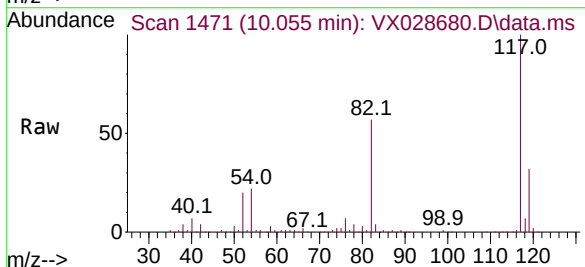
Tgt Ion: 117 Resp: 384405

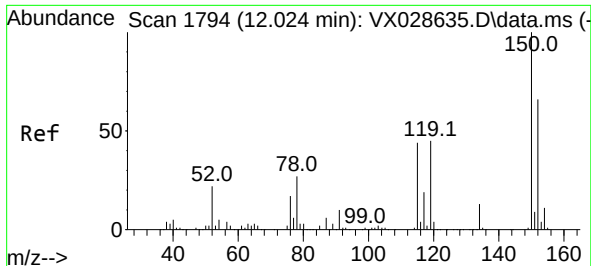
Ion Ratio Lower Upper

117 100

82 57.2 41.8 62.8

119 32.3 24.8 37.2

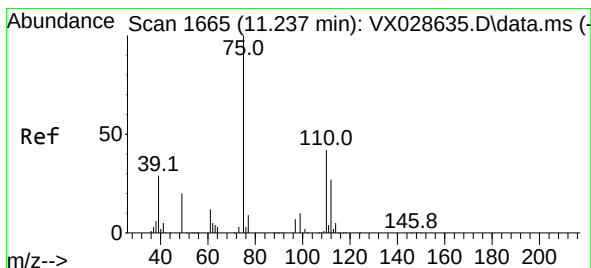
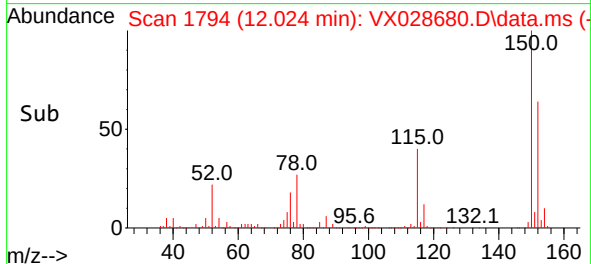
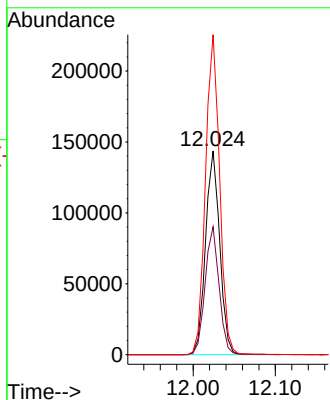
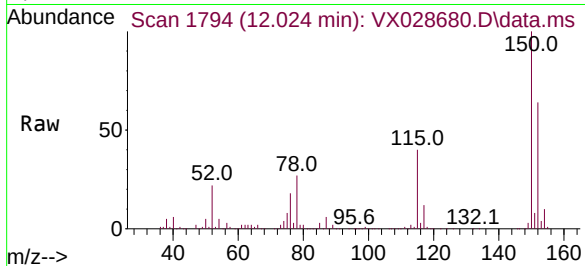




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX028680.D
 Acq: 13 May 2022 16:06

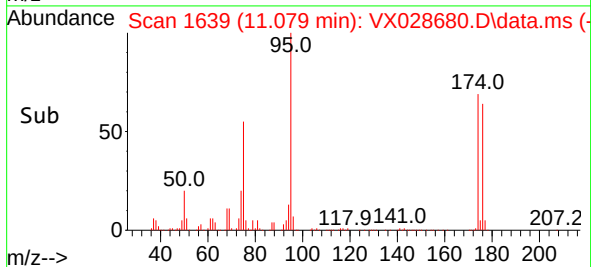
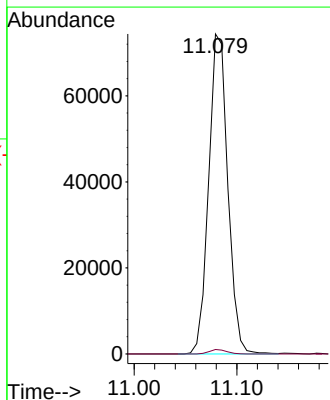
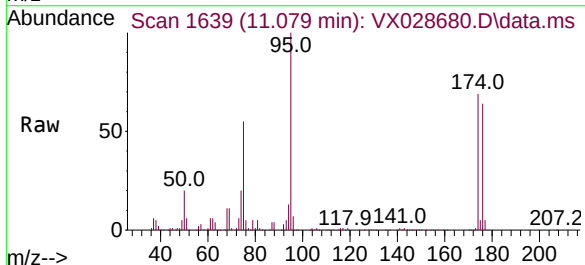
Instrument :
 MSVOA_X
 ClientSampleId :
 RW9-MW01D2-20220510

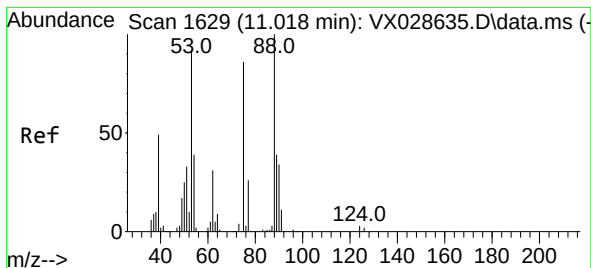
Tgt Ion:152 Resp: 172190
 Ion Ratio Lower Upper
 152 100
 115 62.1 37.5 112.7
 150 156.2 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 23.893 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX028680.D
 Acq: 13 May 2022 16:06

Tgt Ion: 75 Resp: 96351
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.4 58.2#





#81

trans-1,4-Dichloro-2-butene

Concen: 69.633 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.061 min

Lab File: VX028680.D

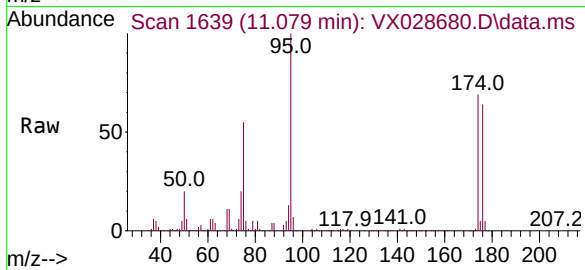
Acq: 13 May 2022 16:06

Instrument :

MSVOA_X

ClientSampleId :

RW9-MW01D2-20220510



Tgt Ion: 75 Resp: 96351

Ion Ratio Lower Upper

75 100

53 0.0 69.0 103.4#

89 0.0 37.0 55.6#

