

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051322\
 Data File : VX028679.D
 Acq On : 13 May 2022 15:43
 Operator : JC/MD
 Sample : N2794-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW9-MW01D1-20220510

Quant Time: May 16 02:21:56 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)

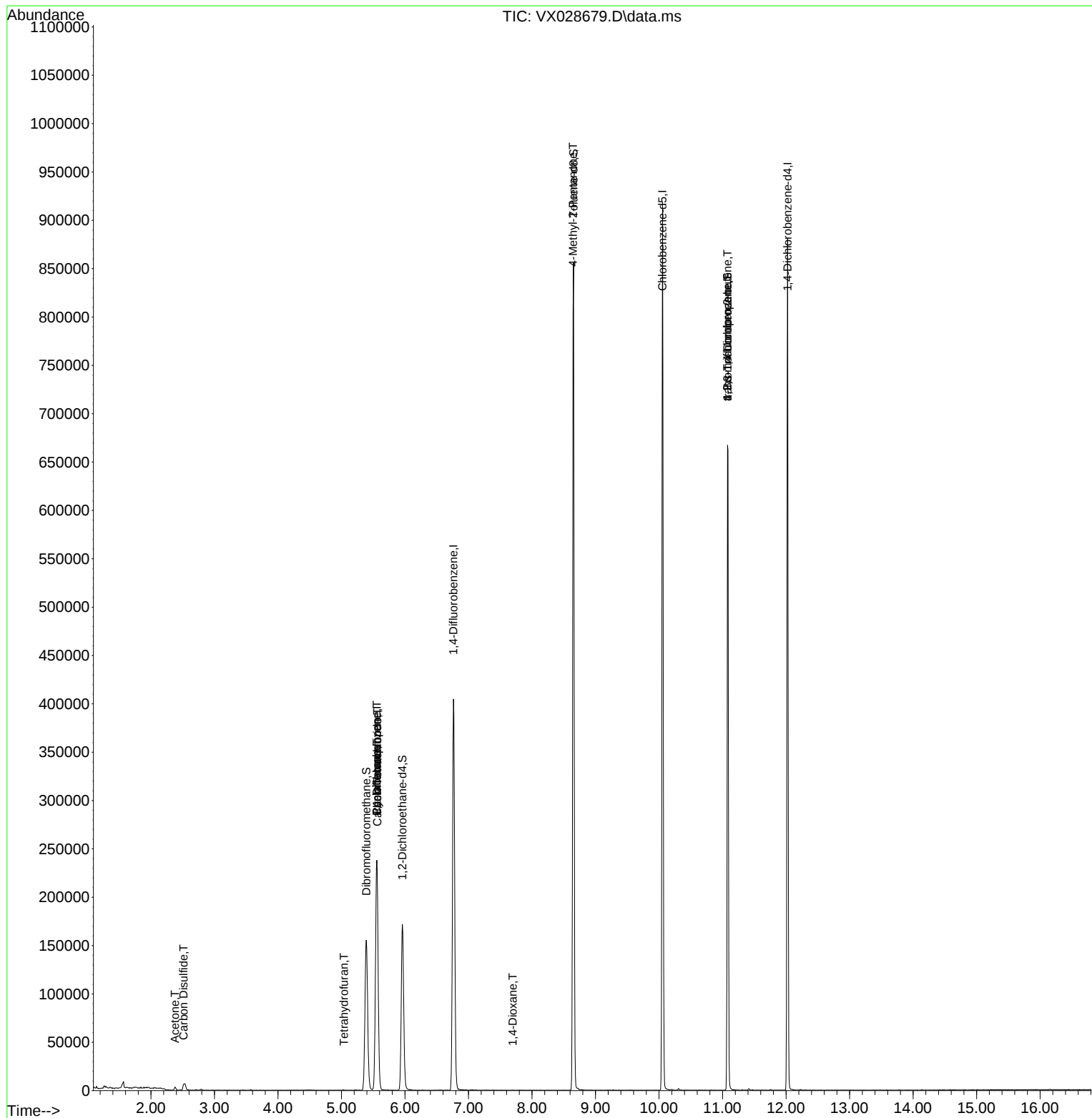
Internal Standards						
1) Pentafluorobenzene	5.556	168	219799	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	406907	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	389022	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	167565	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	164219	54.505	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 109.000%			
35) Dibromofluoromethane	5.391	113	136610	51.242	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.480%			
50) Toluene-d8	8.653	98	499929	49.738	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.480%			
62) 4-Bromofluorobenzene	11.079	95	178784	47.622	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 95.240%			
Target Compounds						
5) Bromomethane	1.618	94	488	Below Cal	Qvalue 92	
6) Chloroethane	1.666	64	189	Below Cal	# 43	
11) Tert butyl alcohol	2.947	59	76	Below Cal	# 72	
16) Acetone	2.380	43	3335	2.579	ug/l	89
17) Carbon Disulfide	2.514	76	6476	1.098	ug/l	99
29) Tetrahydrofuran	5.038	42	301	0.228	ug/l #	43
31) Cyclohexane	5.556	56	5410	1.294	ug/l #	20
36) 1,1-Dichloropropene	5.556	75	18770	4.687	ug/l #	49
38) Carbon Tetrachloride	5.562	117	23588	5.853	ug/l #	15
49) 1,4-Dioxane	7.696	88	121	1.532	ug/l #	25
51) 4-Methyl-2-Pentanone	8.647	43	2143	0.497	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	96798	24.667	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	96798	71.761	ug/l #	15

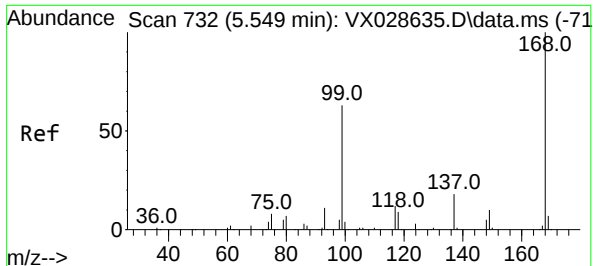
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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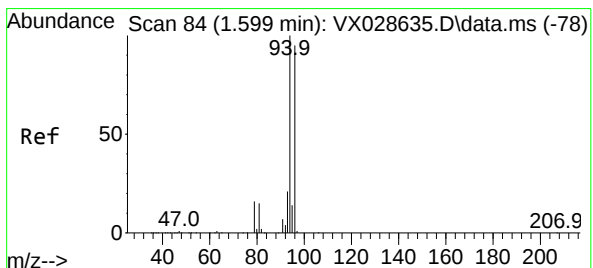
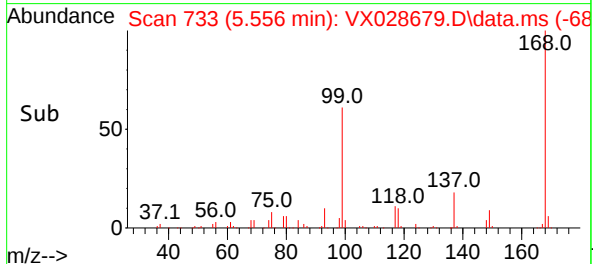
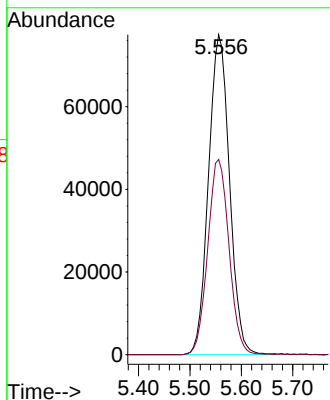
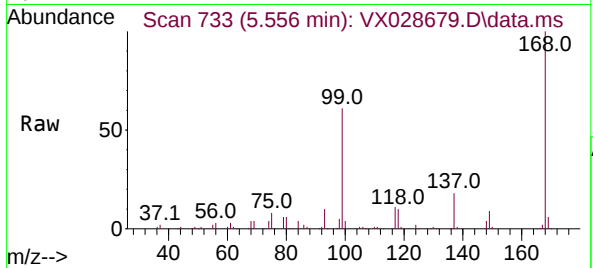




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028679.D
Acq: 13 May 2022 15:43

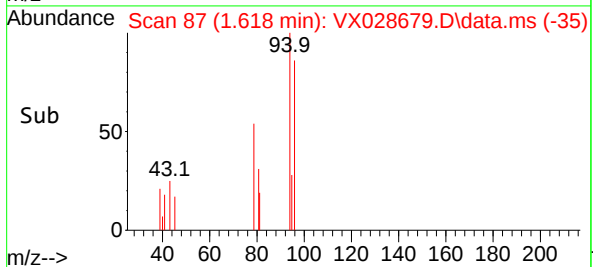
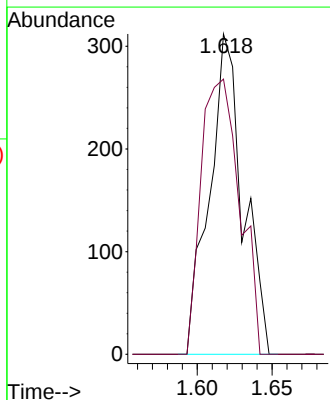
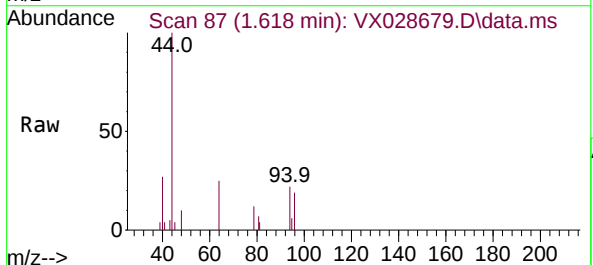
Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01D1-20220510

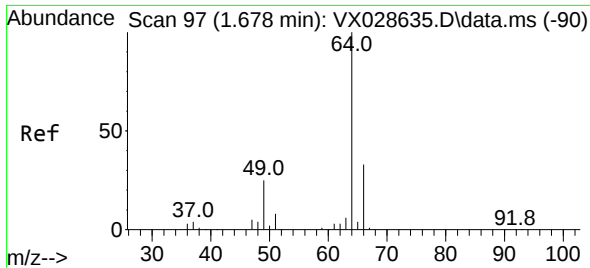
Tgt Ion:168 Resp: 219799
Ion Ratio Lower Upper
168 100
99 61.0 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX028679.D
Acq: 13 May 2022 15:43

Tgt Ion: 94 Resp: 488
Ion Ratio Lower Upper
94 100
96 85.9 75.3 112.9

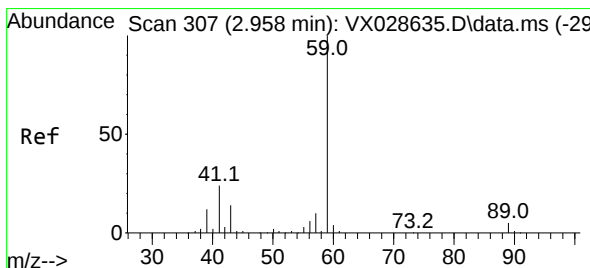
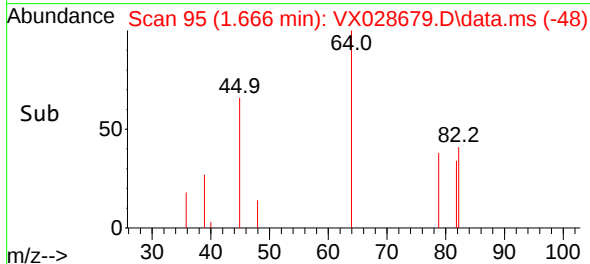
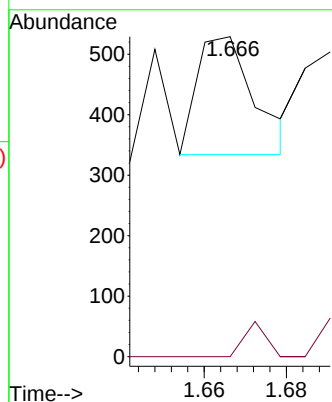
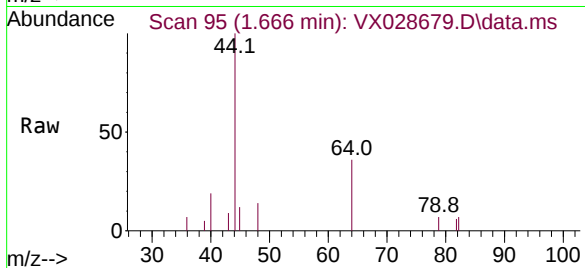




#6
Chloroethane
Concen: Below Cal
RT: 1.666 min Scan# 91
Delta R.T. -0.012 min
Lab File: VX028679.D
Acq: 13 May 2022 15:43

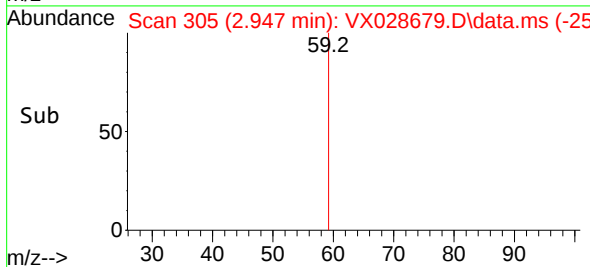
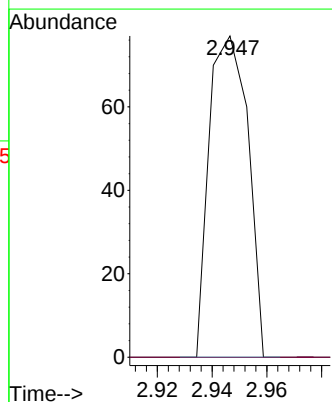
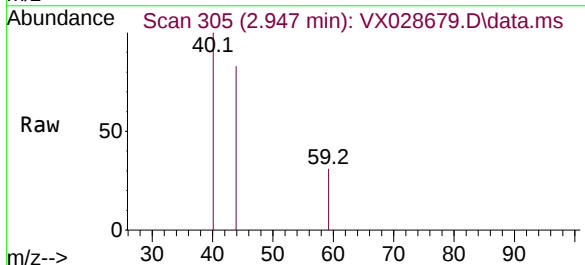
Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01D1-20220510

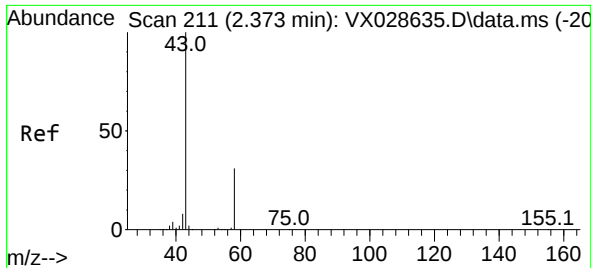
Tgt Ion: 64 Resp: 189
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 305
Delta R.T. -0.011 min
Lab File: VX028679.D
Acq: 13 May 2022 15:43

Tgt Ion: 59 Resp: 76
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#16

Acetone

Concen: 2.579 ug/l

RT: 2.380 min Scan# 211

Delta R.T. 0.007 min

Lab File: VX028679.D

Acq: 13 May 2022 15:43

Instrument :

MSVOA_X

ClientSampleId :

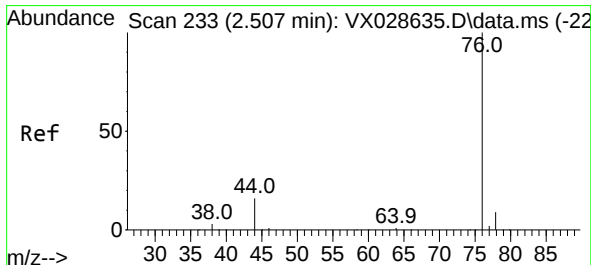
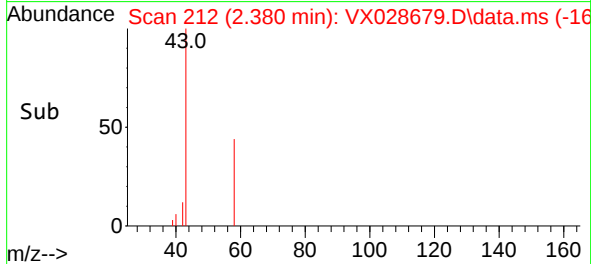
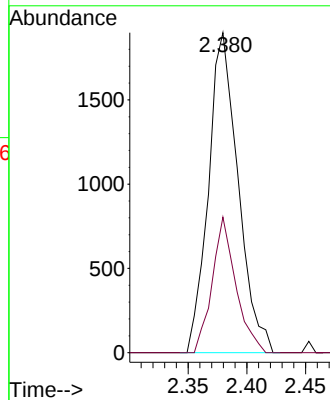
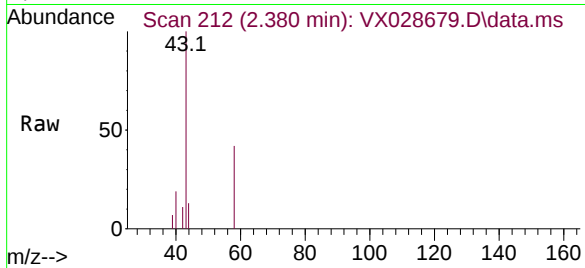
RW9-MW01D1-20220510

Tgt Ion: 43 Resp: 3335

Ion Ratio Lower Upper

43 100

58 42.3 28.8 43.2



#17

Carbon Disulfide

Concen: 1.098 ug/l

RT: 2.514 min Scan# 234

Delta R.T. 0.007 min

Lab File: VX028679.D

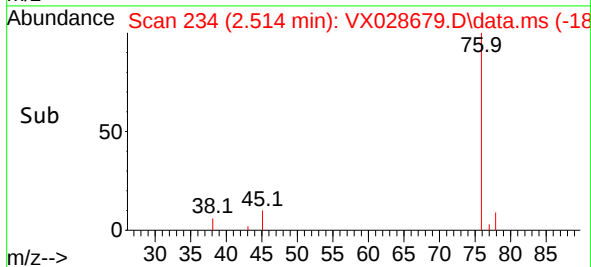
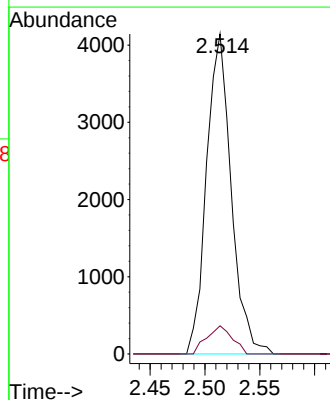
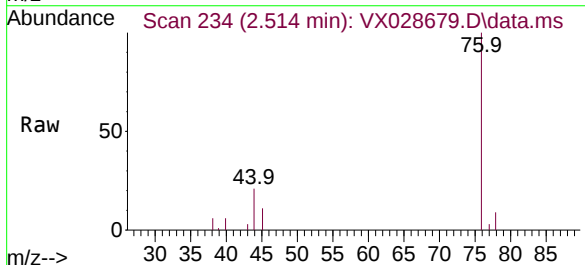
Acq: 13 May 2022 15:43

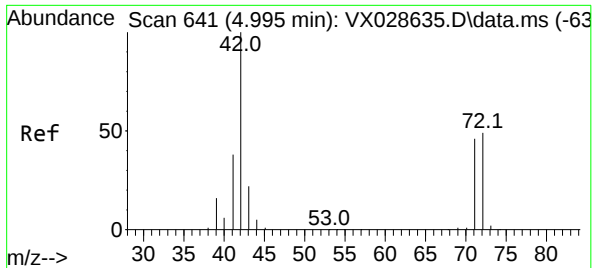
Tgt Ion: 76 Resp: 6476

Ion Ratio Lower Upper

76 100

78 8.8 7.2 10.8





#29

Tetrahydrofuran

Concen: 0.228 ug/l

RT: 5.038 min Scan# 641

Delta R.T. 0.043 min

Lab File: VX028679.D

Acq: 13 May 2022 15:43

Instrument :

MSVOA_X

ClientSampleId :

RW9-MW01D1-20220510

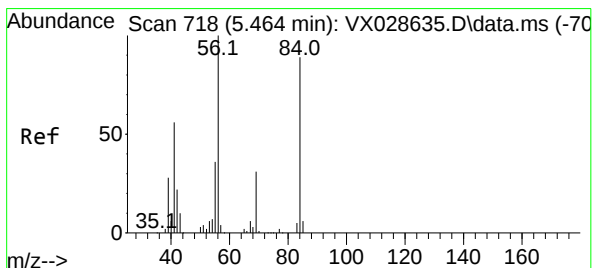
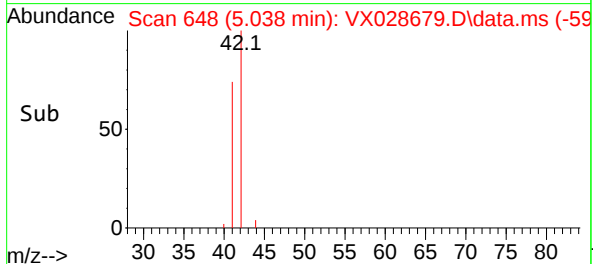
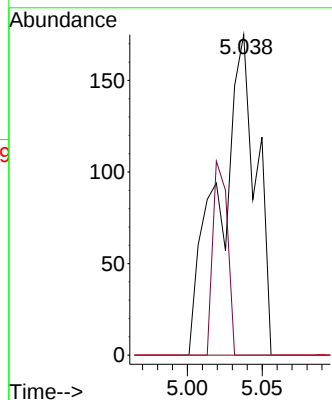
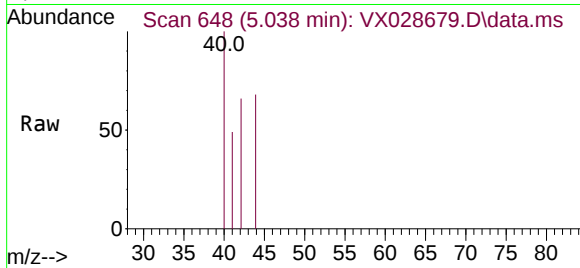
Tgt Ion: 42 Resp: 301

Ion Ratio Lower Upper

42 100

72 23.9 44.1 66.1#

71 0.0 40.5 60.7#



#31

Cyclohexane

Concen: 1.294 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.092 min

Lab File: VX028679.D

Acq: 13 May 2022 15:43

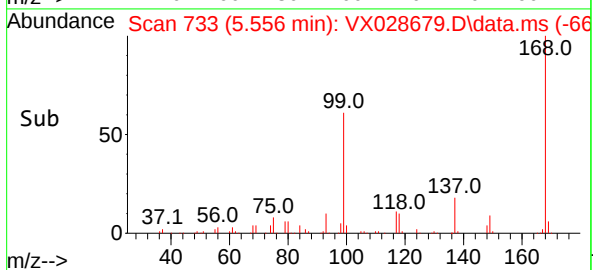
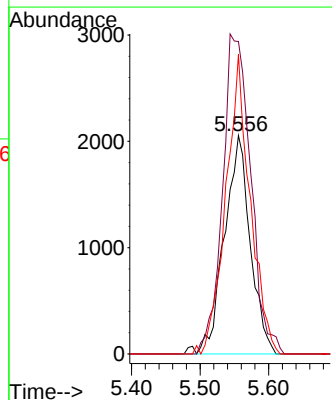
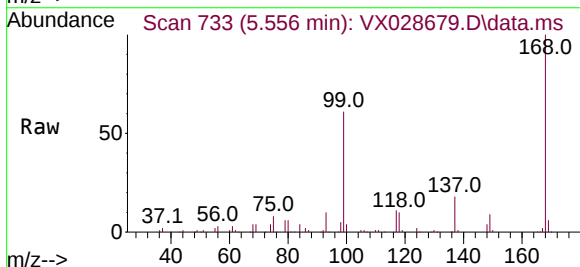
Tgt Ion: 56 Resp: 5410

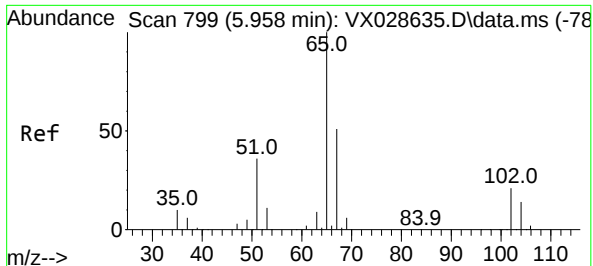
Ion Ratio Lower Upper

56 100

69 143.1 26.7 40.1#

84 137.1 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 54.505 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028679.D

Acq: 13 May 2022 15:43

Instrument :

MSVOA_X

ClientSampleId :

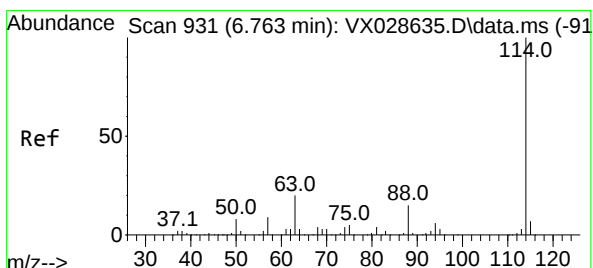
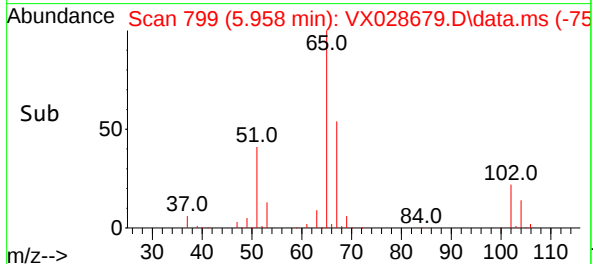
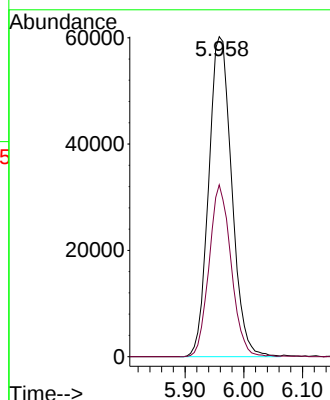
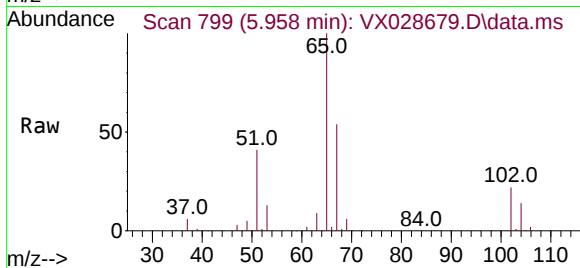
RW9-MW01D1-20220510

Tgt Ion: 65 Resp: 164219

Ion Ratio Lower Upper

65 100

67 51.2 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX028679.D

Acq: 13 May 2022 15:43

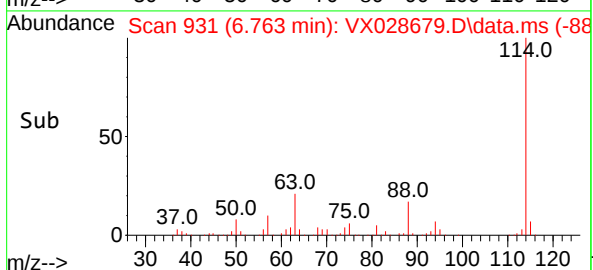
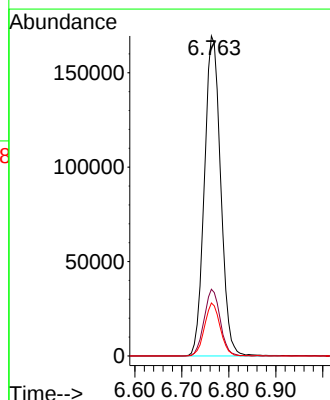
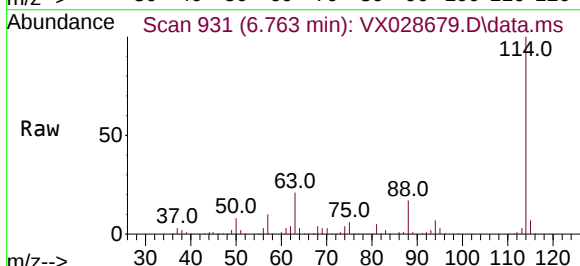
Tgt Ion: 114 Resp: 406907

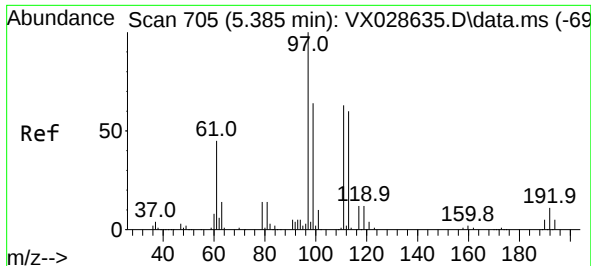
Ion Ratio Lower Upper

114 100

63 20.8 0.0 36.8

88 16.5 0.0 32.4

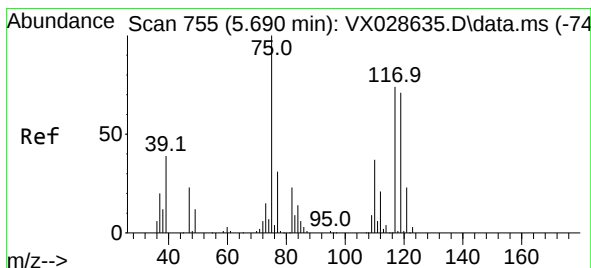
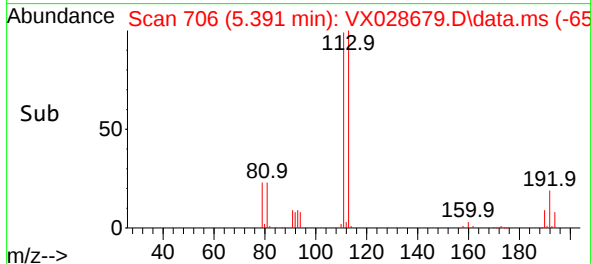
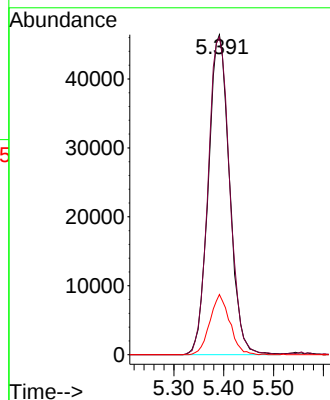
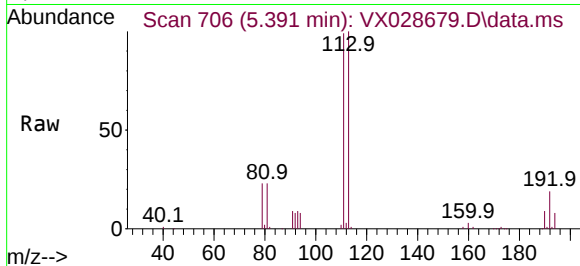




#35
Dibromofluoromethane
Concen: 51.242 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX028679.D
Acq: 13 May 2022 15:43

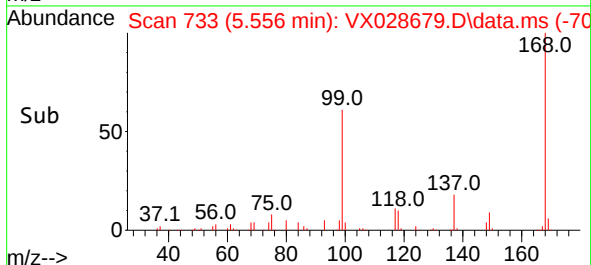
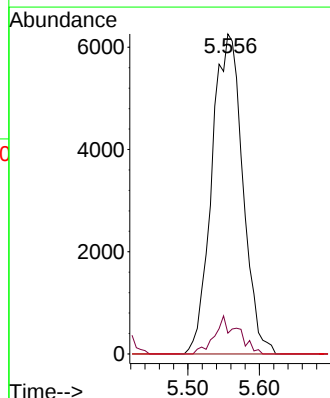
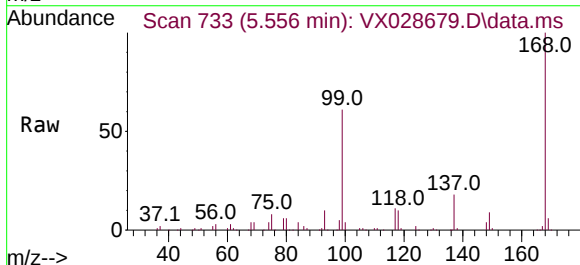
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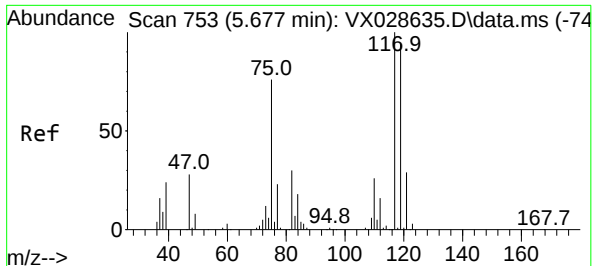
Tgt Ion:113 Resp: 136610
Ion Ratio Lower Upper
113 100
111 101.4 82.8 124.2
192 17.6 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.687 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX028679.D
Acq: 13 May 2022 15:43

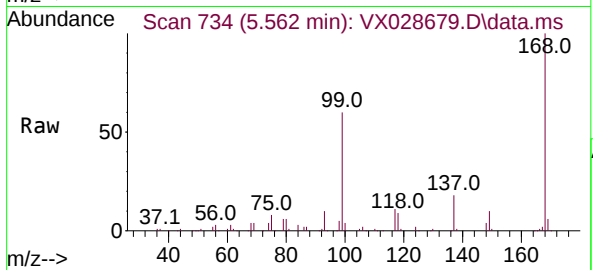
Tgt Ion: 75 Resp: 18770
Ion Ratio Lower Upper
75 100
110 9.0 18.3 54.8#
77 0.0 24.8 37.2#



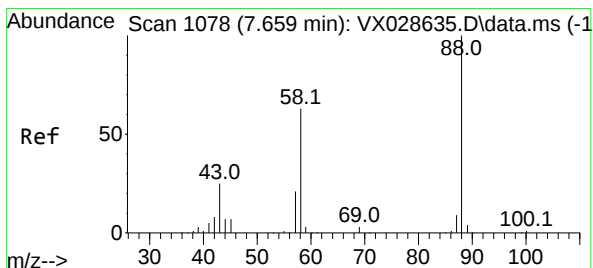
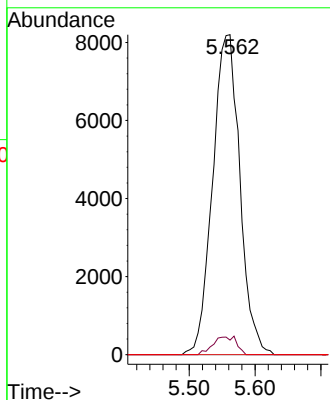
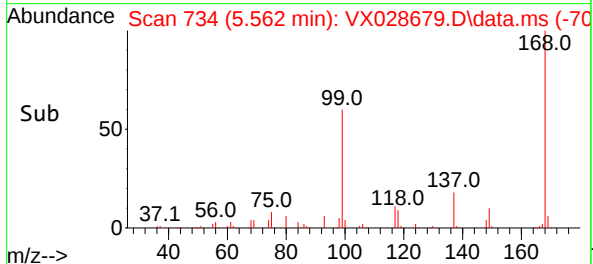


#38
Carbon Tetrachloride
Concen: 5.853 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.115 min
Lab File: VX028679.D
Acq: 13 May 2022 15:43

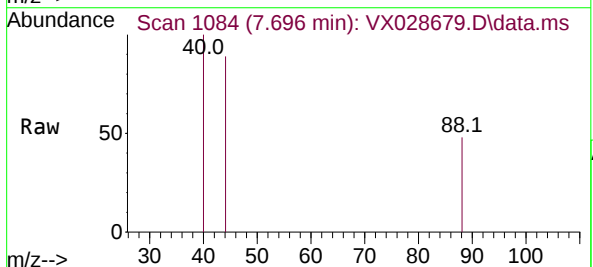
Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01D1-20220510



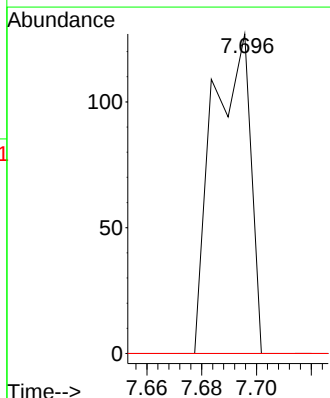
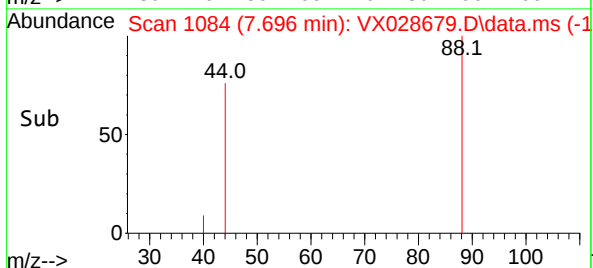
Tgt Ion:117 Resp: 23588
Ion Ratio Lower Upper
117 100
119 4.5 77.3 115.9#
121 0.0 24.2 36.2#

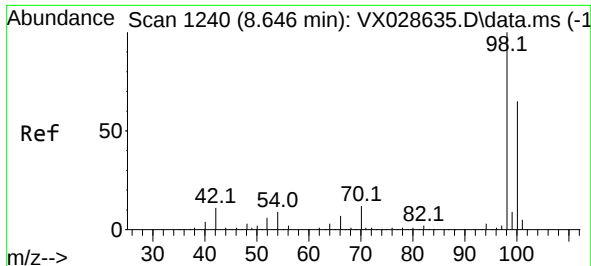


#49
1,4-Dioxane
Concen: 1.532 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.037 min
Lab File: VX028679.D
Acq: 13 May 2022 15:43



Tgt Ion: 88 Resp: 121
Ion Ratio Lower Upper
88 100
43 0.0 21.9 32.9#
58 0.0 53.7 80.5#

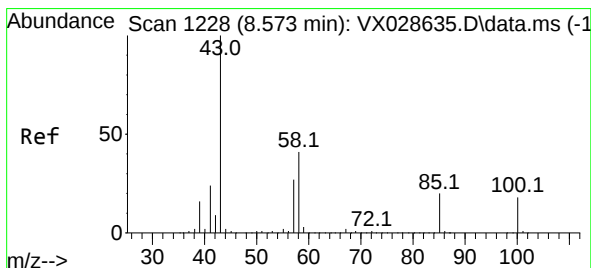
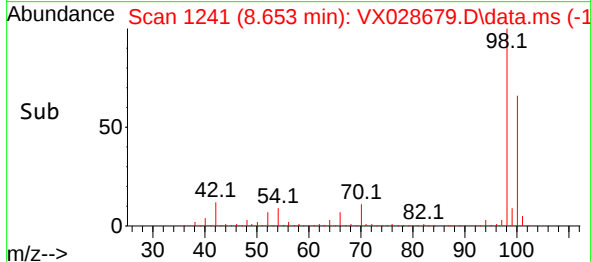
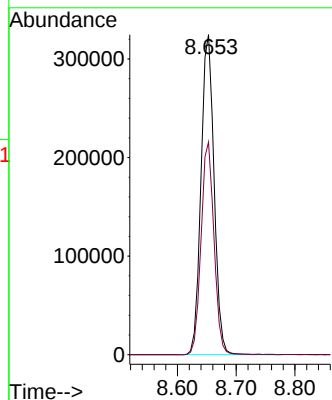
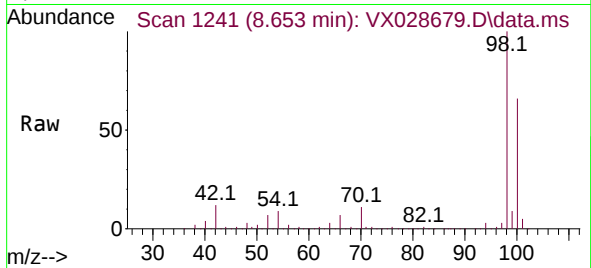




#50
Toluene-d8
Concen: 49.738 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.007 min
Lab File: VX028679.D
Acq: 13 May 2022 15:43

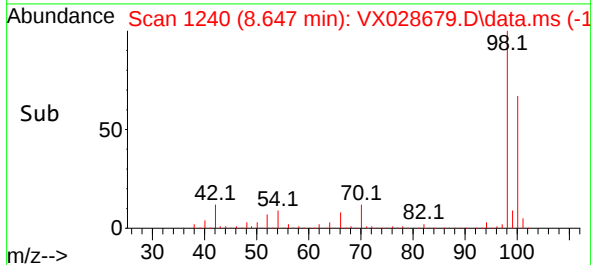
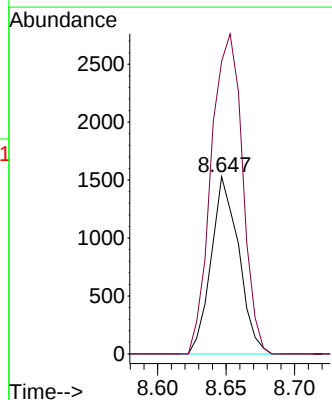
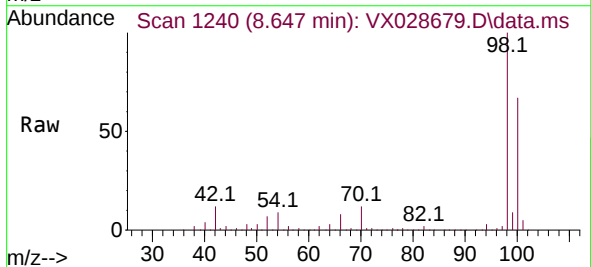
Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01D1-20220510

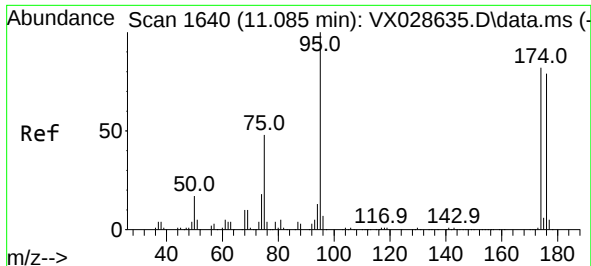
Tgt Ion: 98 Resp: 499929
Ion Ratio Lower Upper
98 100
100 65.7 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.497 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.074 min
Lab File: VX028679.D
Acq: 13 May 2022 15:43

Tgt Ion: 43 Resp: 2143
Ion Ratio Lower Upper
43 100
58 204.4 36.1 54.1#





#62

4-Bromofluorobenzene

Concen: 47.622 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX028679.D

Acq: 13 May 2022 15:43

Instrument :

MSVOA_X

ClientSampleId :

RW9-MW01D1-20220510

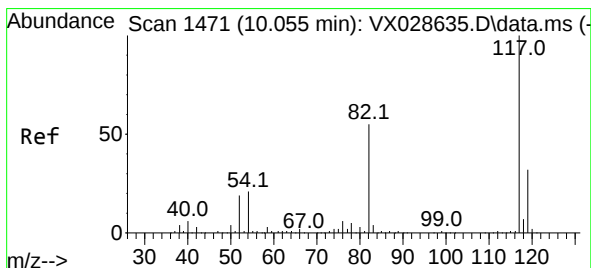
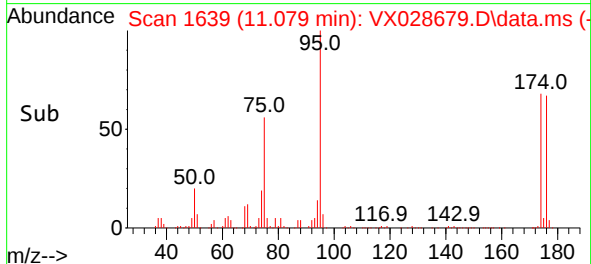
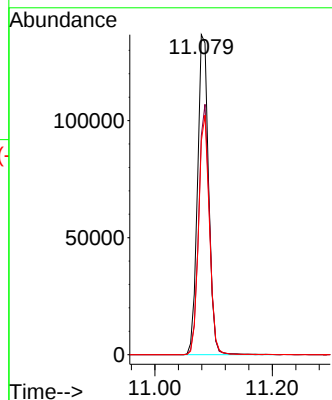
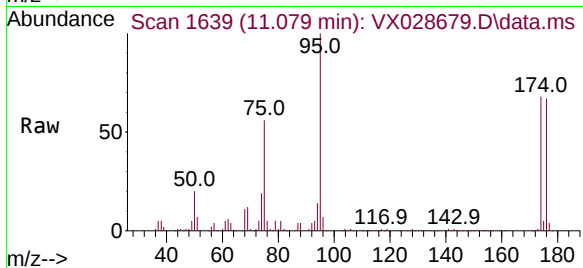
Tgt Ion: 95 Resp: 178784

Ion Ratio Lower Upper

95 100

174 75.2 0.0 163.0

176 72.9 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: VX028679.D

Acq: 13 May 2022 15:43

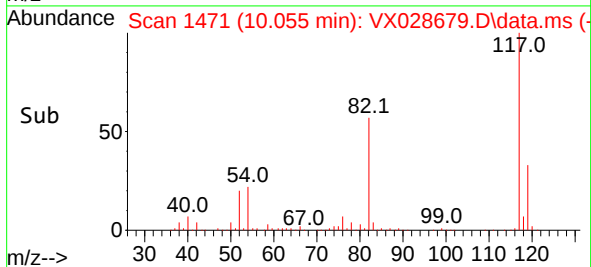
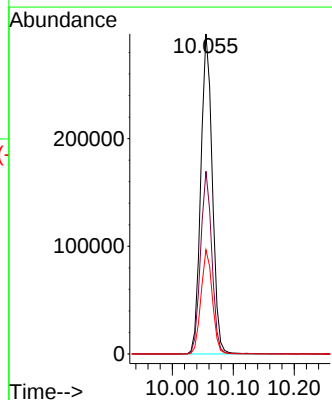
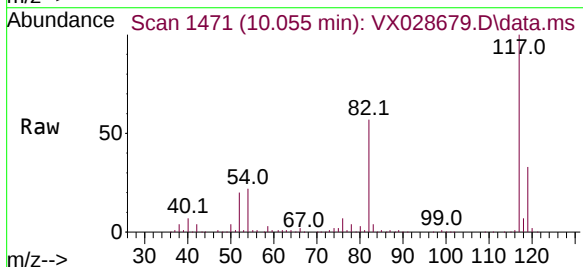
Tgt Ion: 117 Resp: 389022

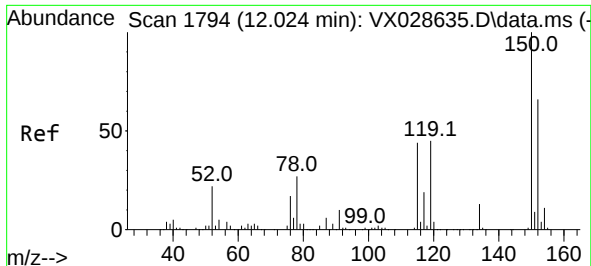
Ion Ratio Lower Upper

117 100

82 57.1 41.8 62.8

119 32.6 24.8 37.2

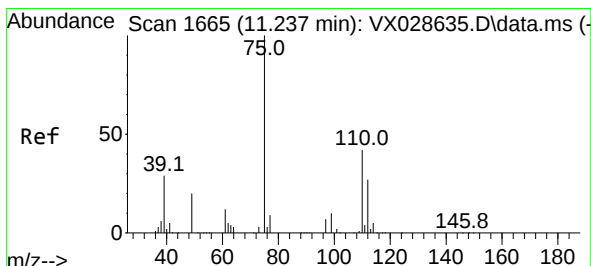
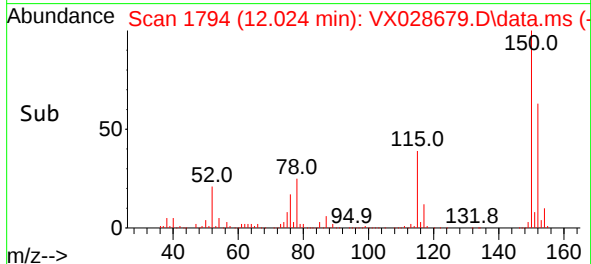
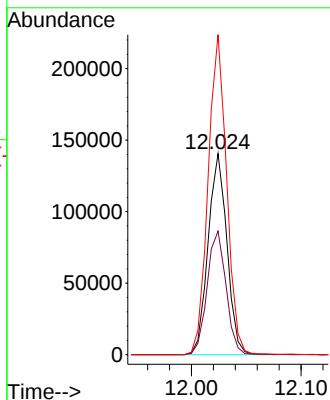
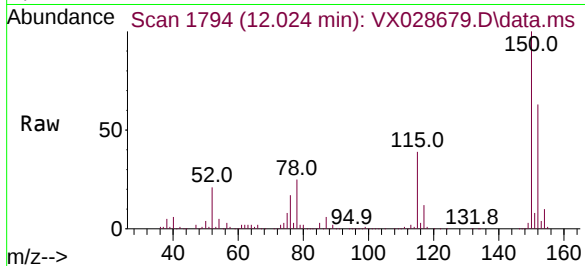




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028679.D
Acq: 13 May 2022 15:43

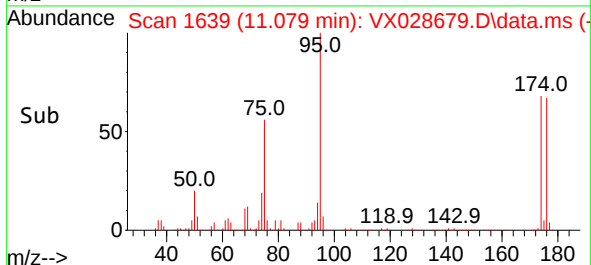
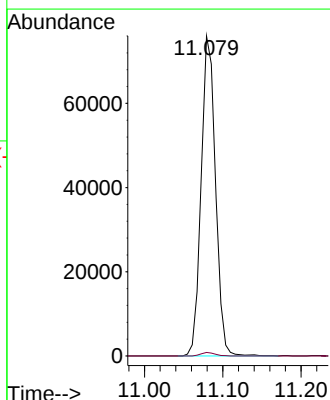
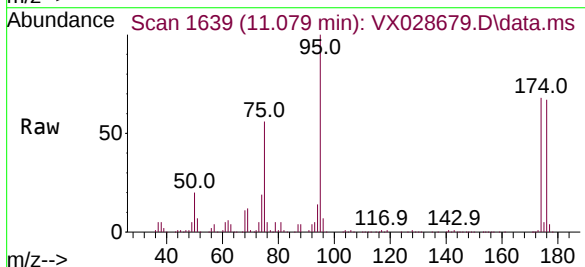
Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01D1-20220510

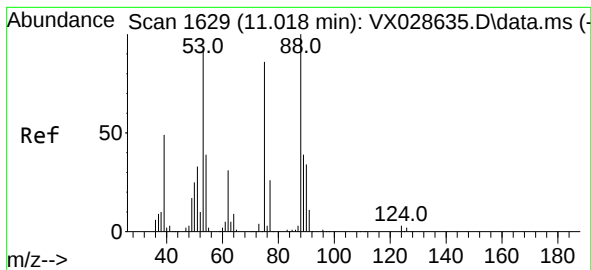
Tgt Ion:152 Resp: 167565
Ion Ratio Lower Upper
152 100
115 61.7 37.5 112.7
150 156.8 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 24.667 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX028679.D
Acq: 13 May 2022 15:43

Tgt Ion: 75 Resp: 96798
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#





#81

trans-1,4-Dichloro-2-butene

Concen: 71.761 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.061 min

Lab File: VX028679.D

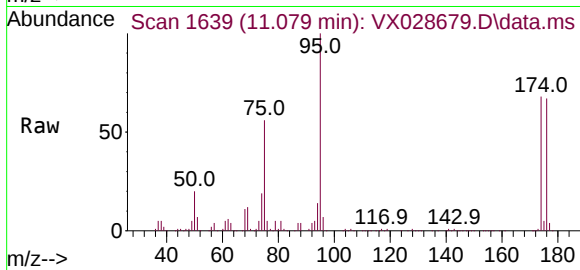
Acq: 13 May 2022 15:43

Instrument :

MSVOA_X

ClientSampleId :

RW9-MW01D1-20220510



Tgt Ion: 75 Resp: 96798

Ion Ratio Lower Upper

75 100

53 0.0 69.0 103.4#

89 0.0 37.0 55.6#

