

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012822\
 Data File : VX026655.D
 Acq On : 28 Jan 2022 16:45
 Operator : JC/MD
 Sample : N1297-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-15

Quant Time: Jan 29 02:19:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

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

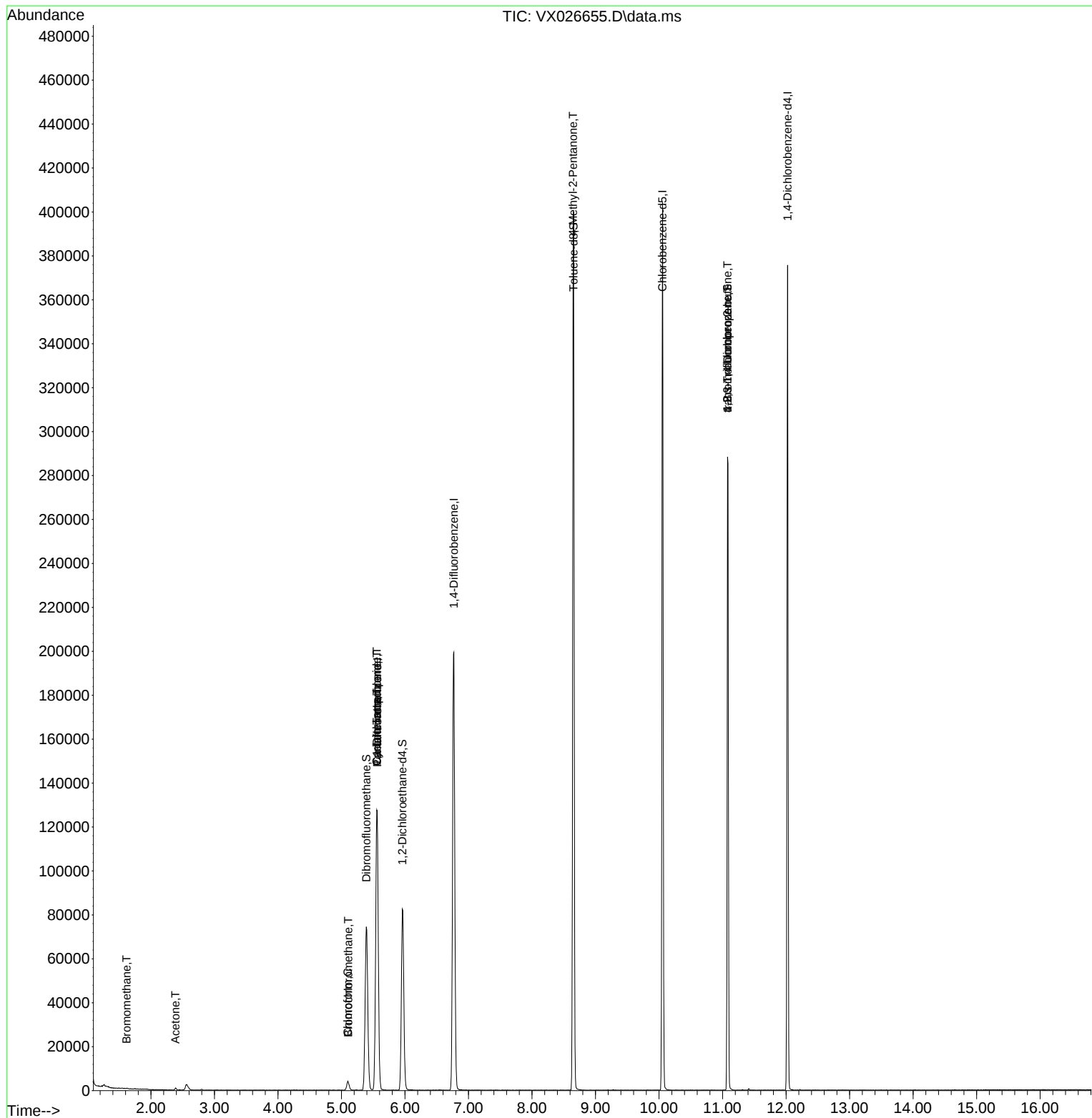
Internal Standards						
1) Pentafluorobenzene	5.562	168	121985	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	208079	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	177944	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	74459	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	81345	47.737	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.480%
35) Dibromofluoromethane	5.391	113	65917	49.056	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.120%
50) Toluene-d8	8.653	98	238758	49.308	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.620%
62) 4-Bromofluorobenzene	11.079	95	82318	47.856	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.720%
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	139	0.217	ug/l #	75
16) Acetone	2.386	43	1065	1.226	ug/l	93
28) Bromochloromethane	5.105	49	255	0.242	ug/l #	13
30) Chloroform	5.099	83	4530	1.696	ug/l	94
31) Cyclohexane	5.556	56	2412	0.960	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	9481	4.470	ug/l #	50
38) Carbon Tetrachloride	5.556	117	12392	5.679	ug/l #	18
51) 4-Methyl-2-Pentanone	8.647	43	998	0.485	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	41100	25.070	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	41100	76.188	ug/l #	3

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

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Quant Title : SW846 8260
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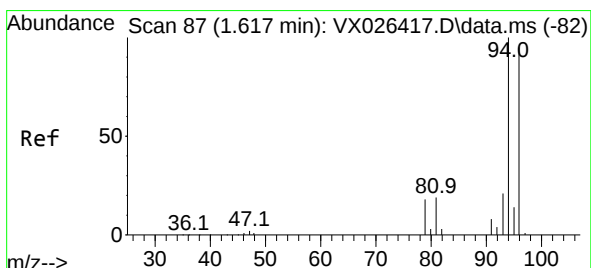
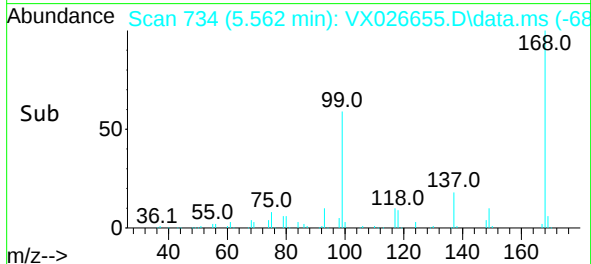
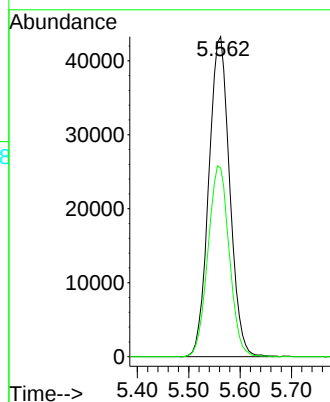
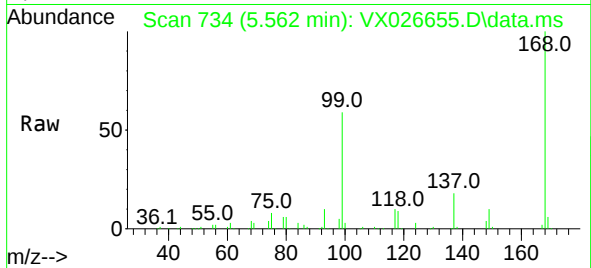




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX026655.D
Acq: 28 Jan 2022 16:45

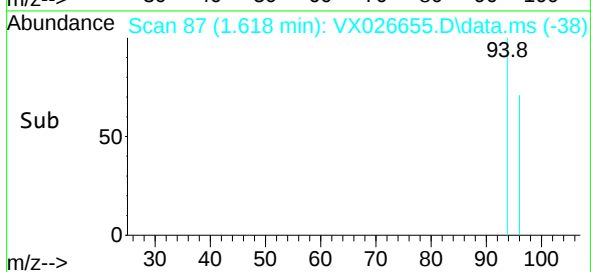
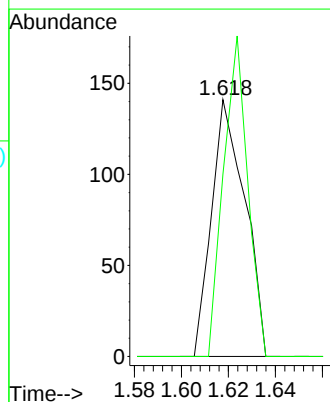
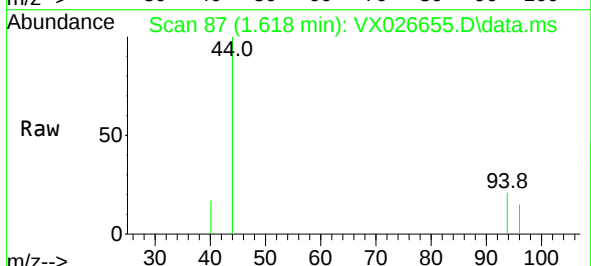
Instrument :
MSVOA_X
ClientSampleId :
MW-15

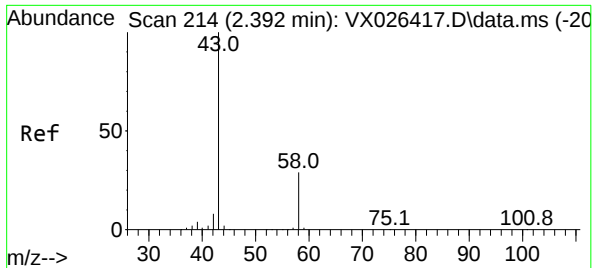
Tgt Ion:168 Resp: 121985
Ion Ratio Lower Upper
168 100
99 59.0 50.3 75.5



#5
Bromomethane
Concen: 0.217 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.000 min
Lab File: VX026655.D
Acq: 28 Jan 2022 16:45

Tgt Ion: 94 Resp: 139
Ion Ratio Lower Upper
94 100
96 70.9 75.9 113.9#

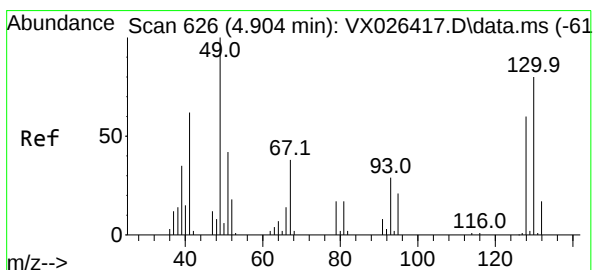
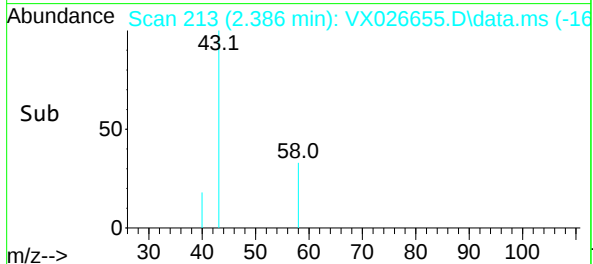
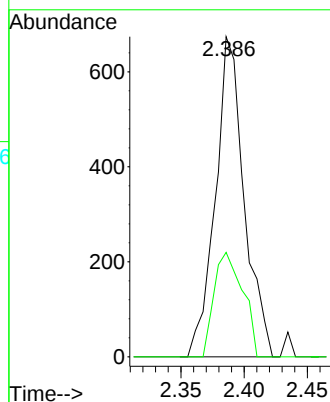
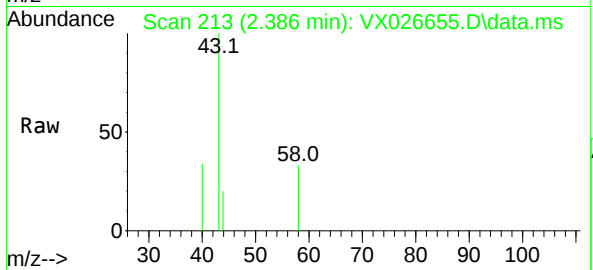




#16
Acetone
Concen: 1.226 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX026655.D
Acq: 28 Jan 2022 16:45

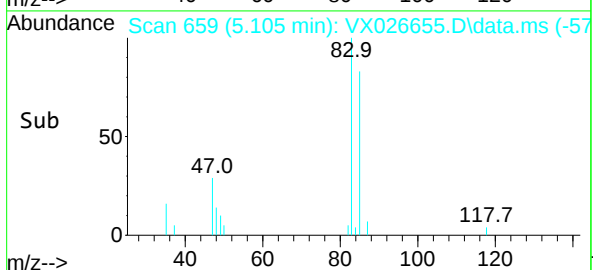
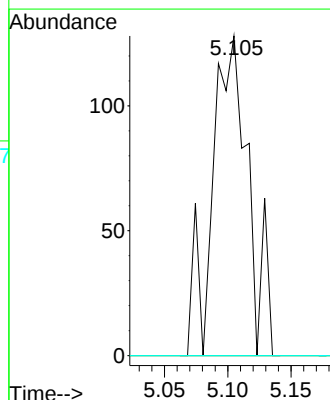
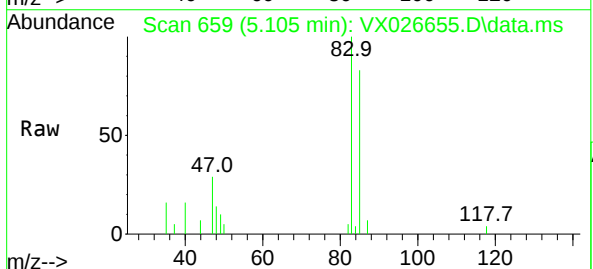
Instrument :
MSVOA_X
ClientSampleId :
MW-15

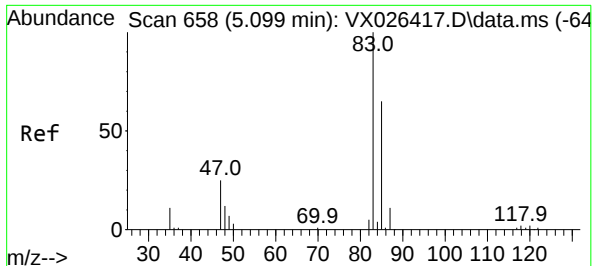
Tgt Ion: 43 Resp: 1065
Ion Ratio Lower Upper
43 100
58 32.6 23.0 34.6



#28
Bromochloromethane
Concen: 0.242 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.201 min
Lab File: VX026655.D
Acq: 28 Jan 2022 16:45

Tgt Ion: 49 Resp: 255
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.2
130 0.0 62.4 93.6#





#30

Chloroform

Concen: 1.696 ug/l

RT: 5.099 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX026655.D

Acq: 28 Jan 2022 16:45

Instrument :

MSVOA_X

ClientSampleId :

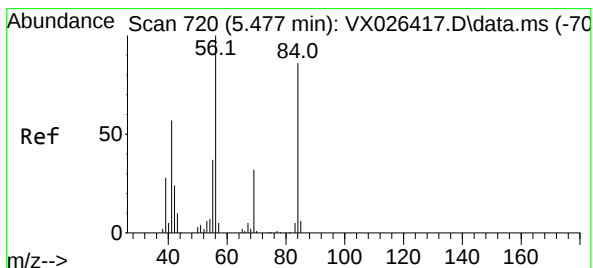
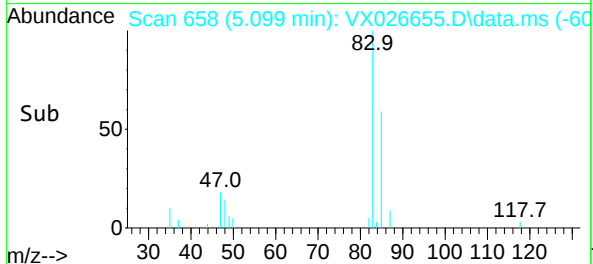
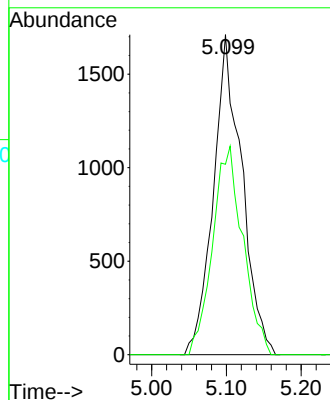
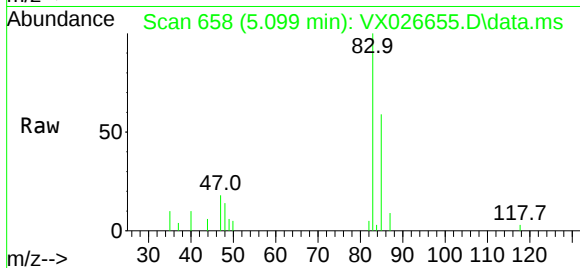
MW-15

Tgt Ion: 83 Resp: 4530

Ion Ratio Lower Upper

83 100

85 59.5 51.6 77.4



#31

Cyclohexane

Concen: 0.960 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.079 min

Lab File: VX026655.D

Acq: 28 Jan 2022 16:45

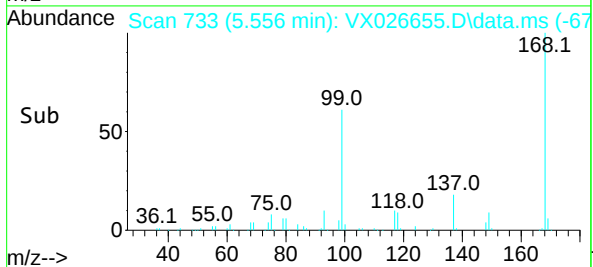
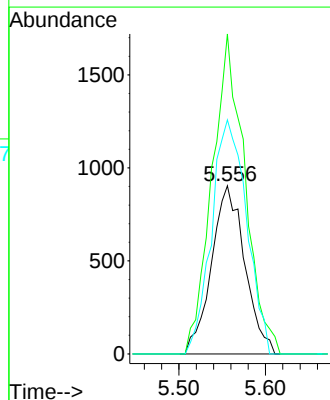
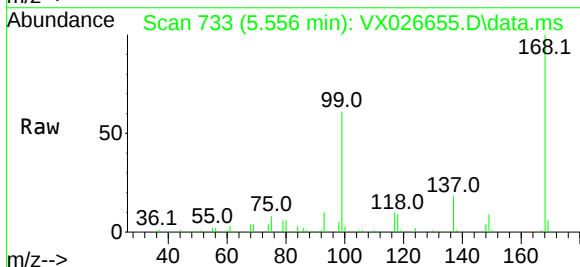
Tgt Ion: 56 Resp: 2412

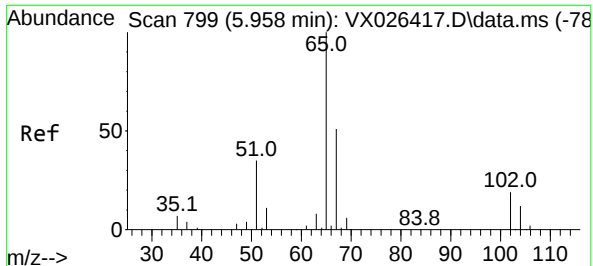
Ion Ratio Lower Upper

56 100

69 190.3 25.8 38.6#

84 139.2 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 47.737 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX026655.D

Acq: 28 Jan 2022 16:45

Instrument :

MSVOA_X

ClientSampleId :

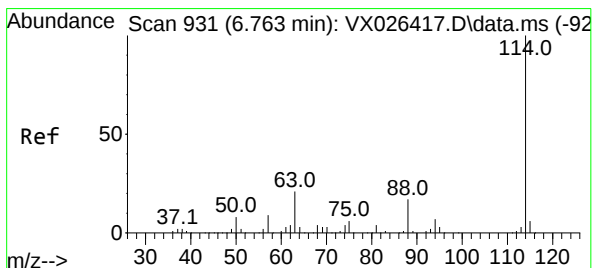
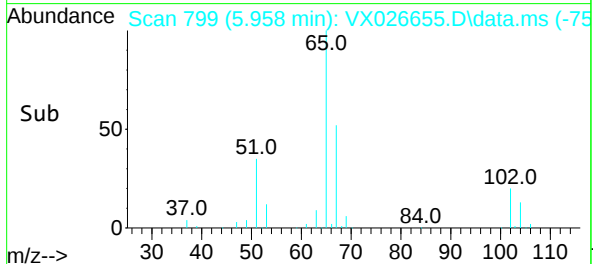
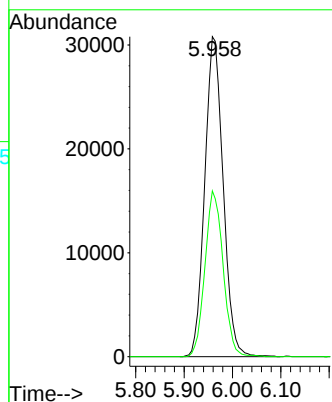
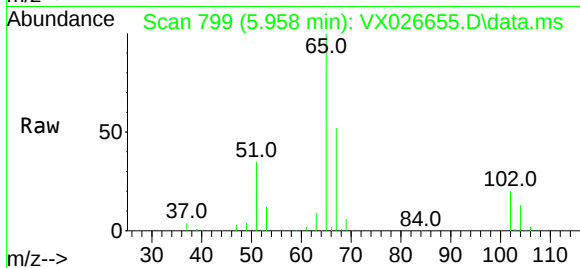
MW-15

Tgt Ion: 65 Resp: 81345

Ion Ratio Lower Upper

65 100

67 51.2 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.006 min

Lab File: VX026655.D

Acq: 28 Jan 2022 16:45

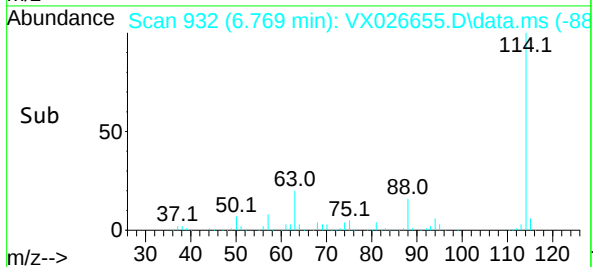
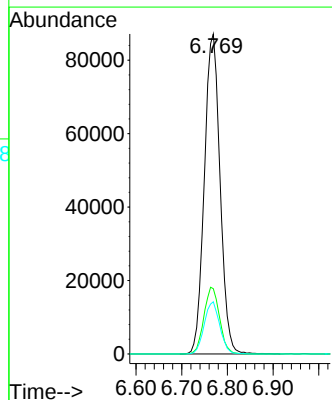
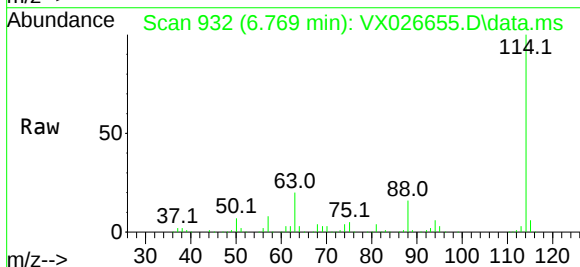
Tgt Ion: 114 Resp: 208079

Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.8

88 16.3 0.0 33.0





#35

Dibromofluoromethane

Concen: 49.056 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX026655.D

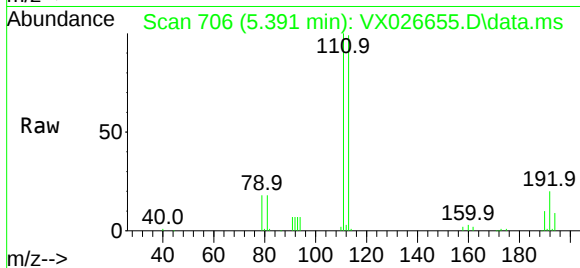
Acq: 28 Jan 2022 16:45

Instrument :

MSVOA_X

ClientSampleId :

MW-15



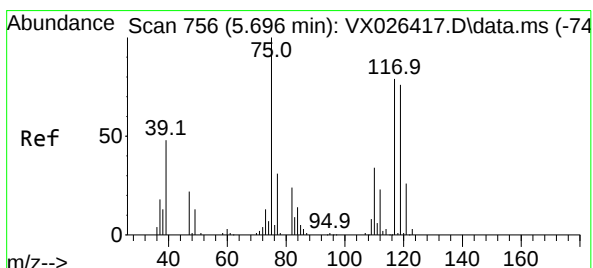
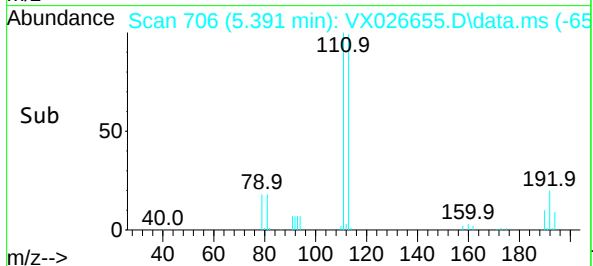
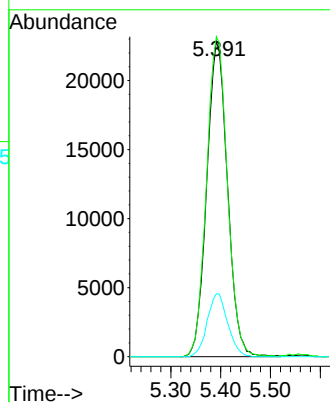
Tgt Ion:113 Resp: 65917

Ion Ratio Lower Upper

113 100

111 102.5 81.2 121.8

192 19.7 15.0 22.4



#36

1,1-Dichloropropene

Concen: 4.470 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX026655.D

Acq: 28 Jan 2022 16:45

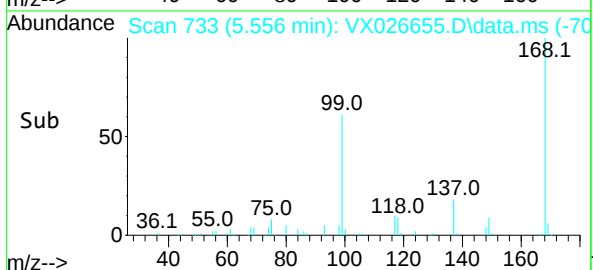
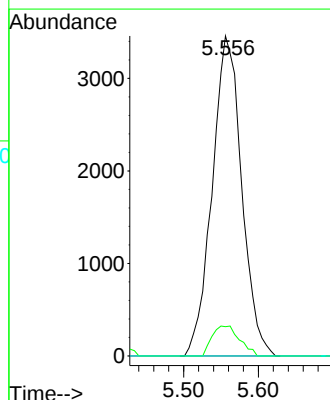
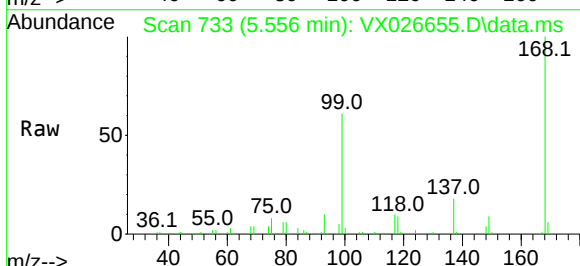
Tgt Ion: 75 Resp: 9481

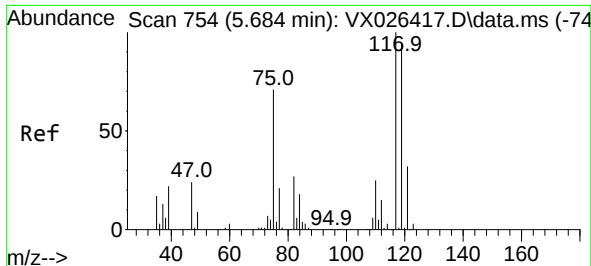
Ion Ratio Lower Upper

75 100

110 8.7 17.2 51.6#

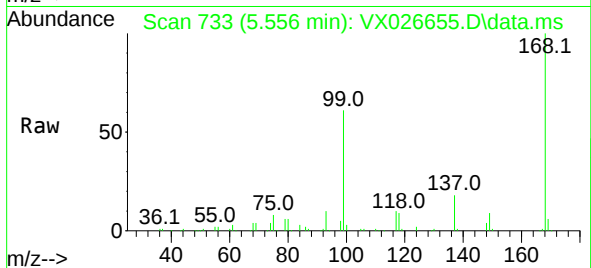
77 0.0 24.6 36.8#



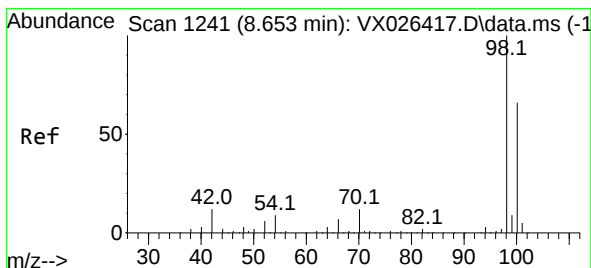
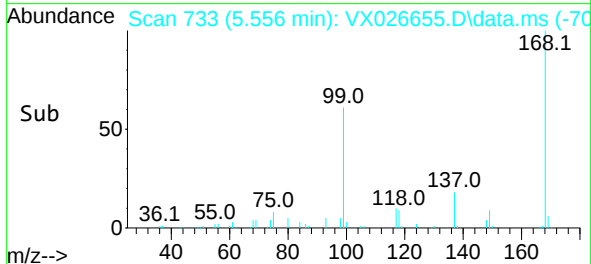
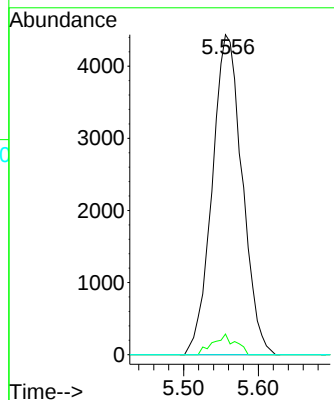


#38
Carbon Tetrachloride
Concen: 5.679 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX026655.D
Acq: 28 Jan 2022 16:45

Instrument :
MSVOA_X
ClientSampleId :
MW-15

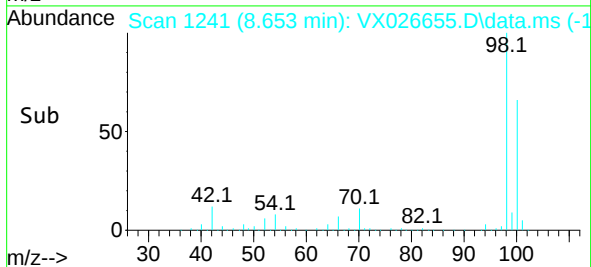
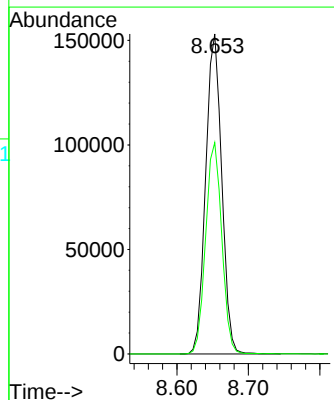
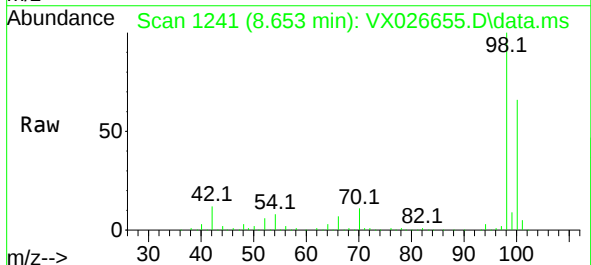


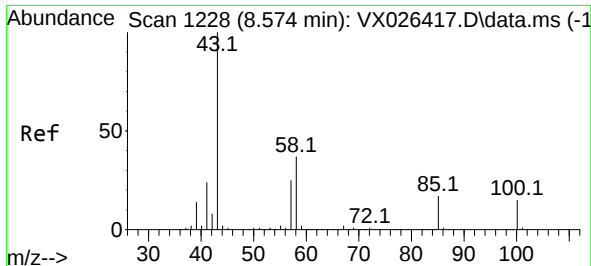
Tgt Ion:117 Resp: 12392
Ion Ratio Lower Upper
117 100
119 6.4 74.7 112.1#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 49.308 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX026655.D
Acq: 28 Jan 2022 16:45

Tgt Ion: 98 Resp: 238758
Ion Ratio Lower Upper
98 100
100 66.5 53.2 79.8

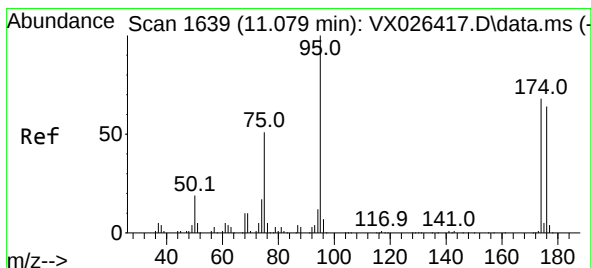
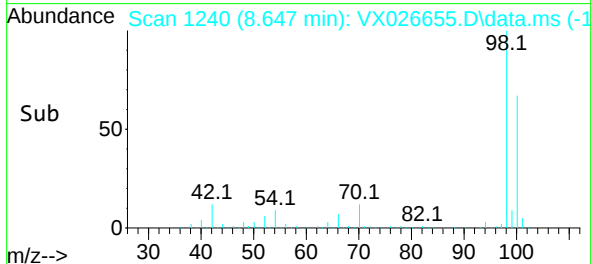
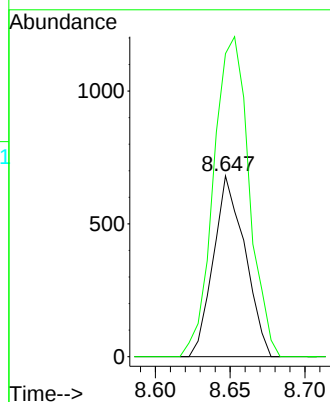
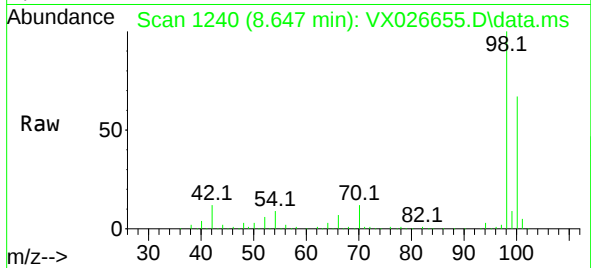




#51
 4-Methyl-2-Pentanone
 Concen: 0.485 ug/l
 RT: 8.647 min Scan# 11
 Delta R.T. 0.073 min
 Lab File: VX026655.D
 Acq: 28 Jan 2022 16:45

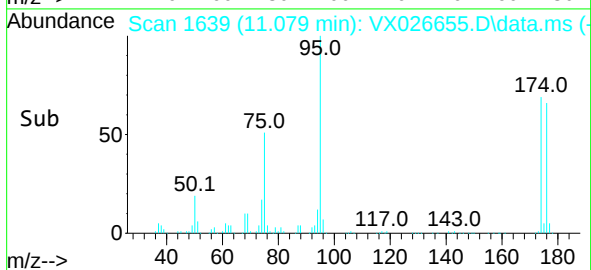
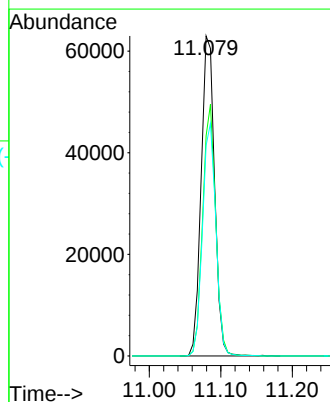
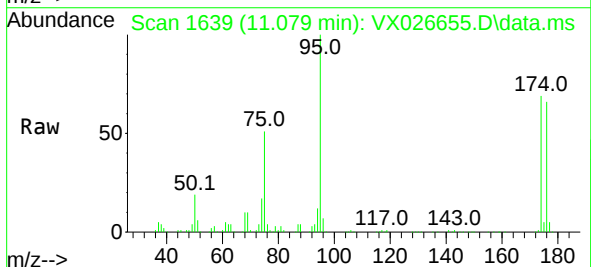
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-15

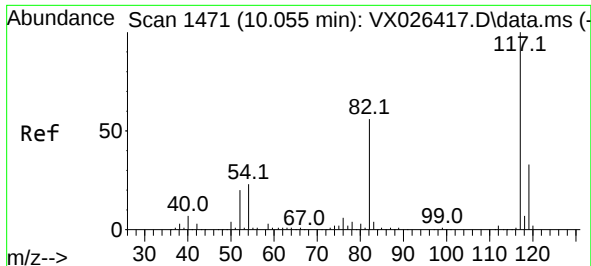
Tgt Ion: 43 Resp: 998
 Ion Ratio Lower Upper
 43 100
 58 199.6 30.5 45.7#



#62
 4-Bromofluorobenzene
 Concen: 47.856 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.000 min
 Lab File: VX026655.D
 Acq: 28 Jan 2022 16:45

Tgt Ion: 95 Resp: 82318
 Ion Ratio Lower Upper
 95 100
 174 76.0 0.0 148.6
 176 72.2 0.0 141.4

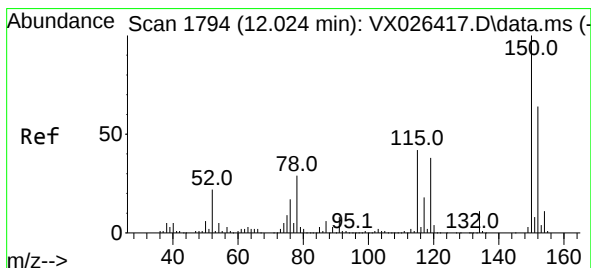
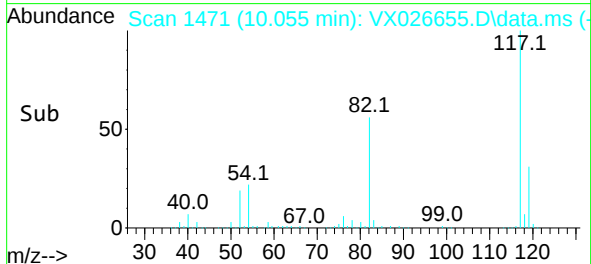
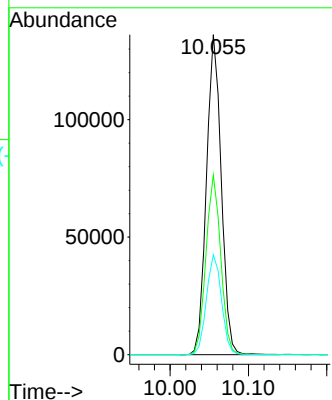
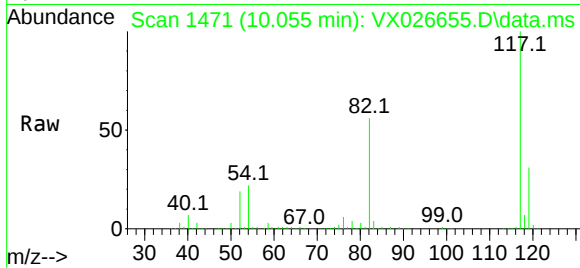




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026655.D
Acq: 28 Jan 2022 16:45

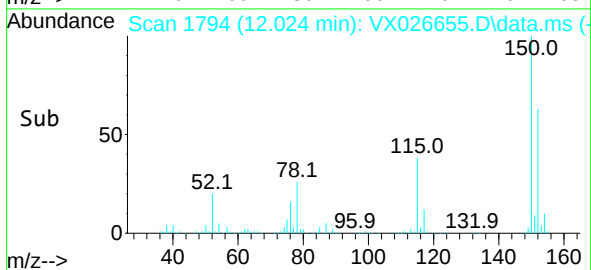
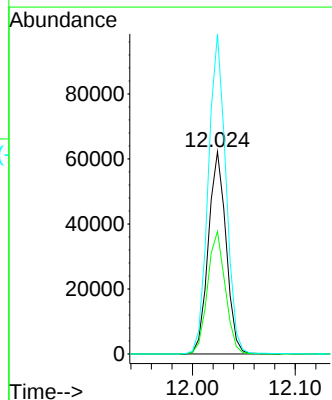
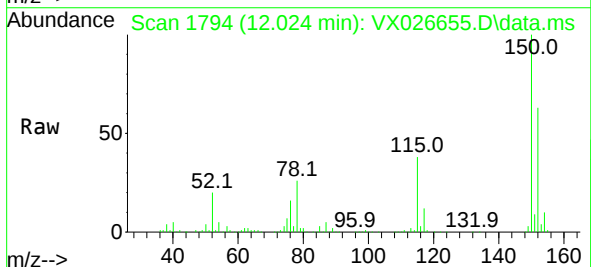
Instrument :
MSVOA_X
ClientSampleId :
MW-15

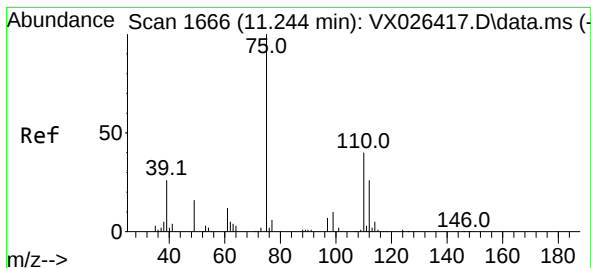
Tgt Ion:117 Resp: 177944
Ion Ratio Lower Upper
117 100
82 56.1 45.2 67.8
119 31.2 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026655.D
Acq: 28 Jan 2022 16:45

Tgt Ion:152 Resp: 74459
Ion Ratio Lower Upper
152 100
115 60.6 44.2 132.6
150 157.6 0.0 348.2





#76

1,2,3-Trichloropropane

Concen: 25.070 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.164 min

Lab File: VX026655.D

Acq: 28 Jan 2022 16:45

Instrument :

MSVOA_X

ClientSampleId :

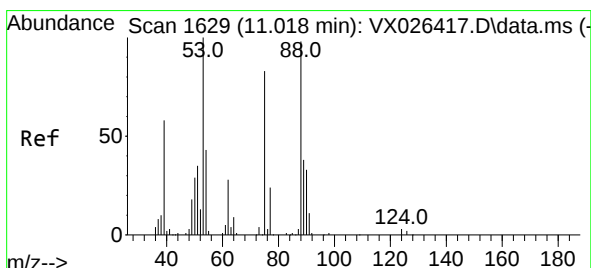
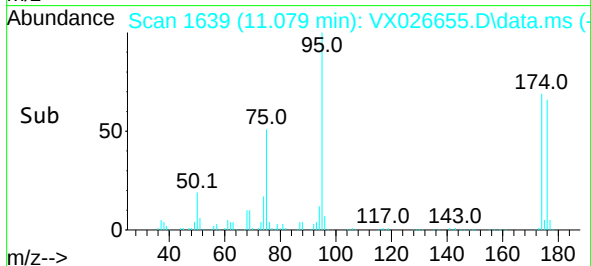
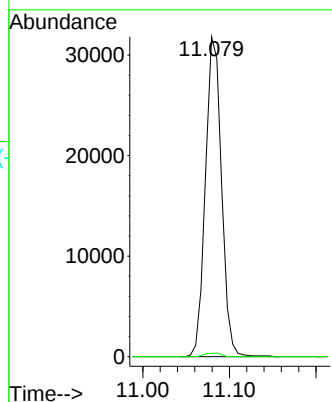
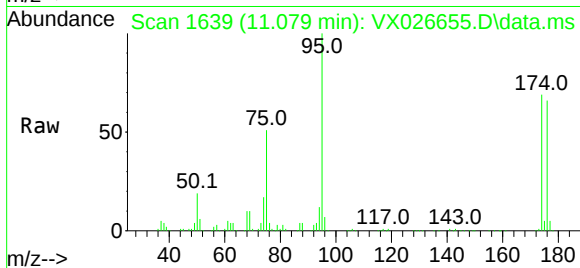
MW-15

Tgt Ion: 75 Resp: 41100

Ion Ratio Lower Upper

75 100

77 1.2 18.3 54.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 76.188 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX026655.D

Acq: 28 Jan 2022 16:45

Tgt Ion: 75 Resp: 41100

Ion Ratio Lower Upper

75 100

53 0.0 94.0 141.0#

89 0.0 37.0 55.4#

