

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012722\
 Data File : VX026636.D
 Acq On : 27 Jan 2022 19:44
 Operator : JC/MD
 Sample : N1297-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-14

Quant Time: Jan 28 04:28:06 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)

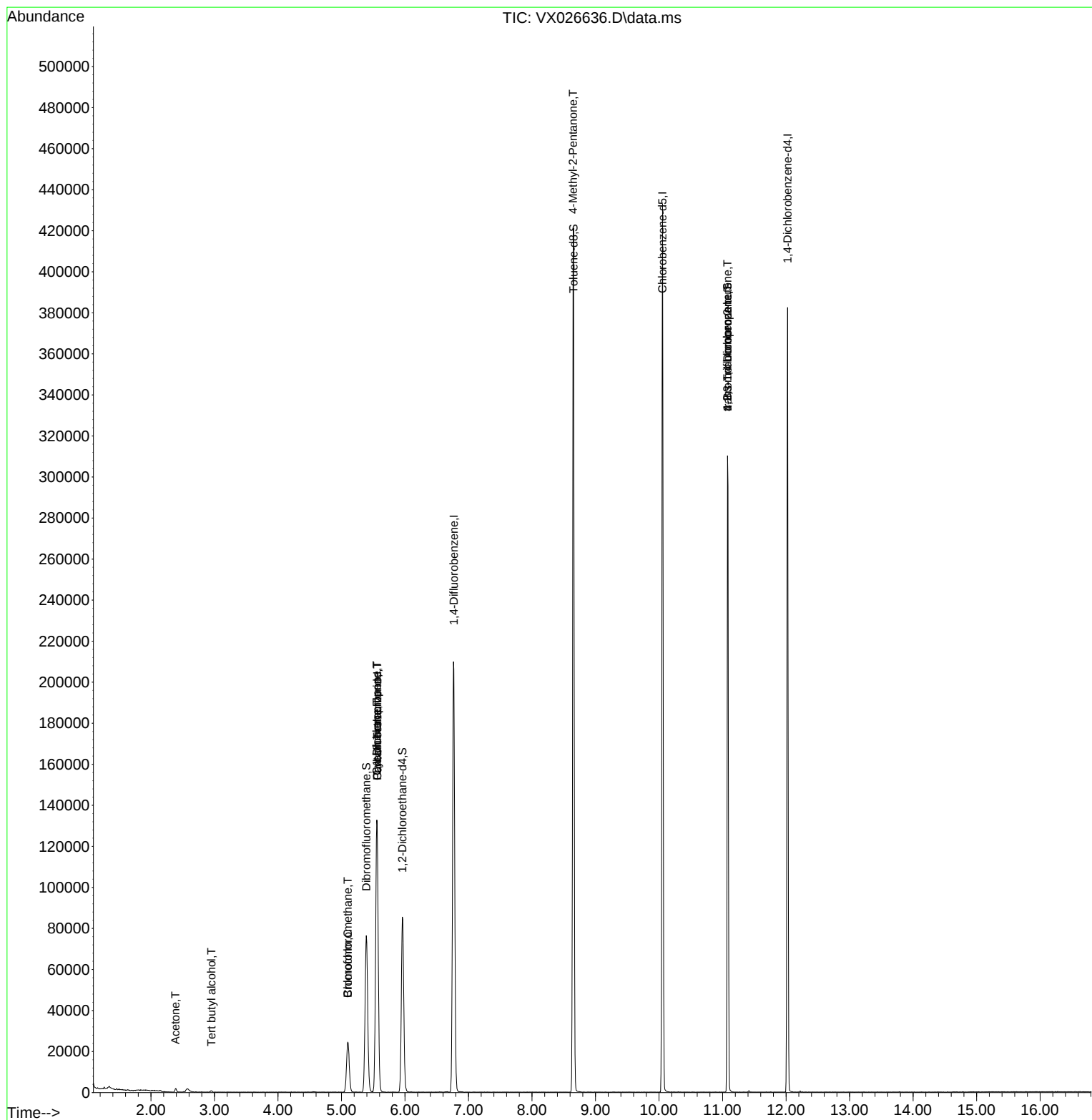
Internal Standards						
1) Pentafluorobenzene	5.562	168	125569	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	215238	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	189482	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	76755	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	83616	47.669	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.340%
35) Dibromofluoromethane	5.391	113	67999	48.922	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.840%
50) Toluene-d8	8.653	98	250414	49.995	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.000%
62) 4-Bromofluorobenzene	11.079	95	86778	48.771	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.540%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	492	2.016	ug/l #	75
16) Acetone	2.386	43	2062	2.305	ug/l	100
28) Bromochloromethane	5.099	49	2315	2.131	ug/l #	13
30) Chloroform	5.099	83	30184	10.980	ug/l	100
31) Cyclohexane	5.556	56	2583	0.998	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	9882	4.504	ug/l #	50
38) Carbon Tetrachloride	5.562	117	12981	5.751	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1087	0.511	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	43160	25.539	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	43160	77.521	ug/l #	3

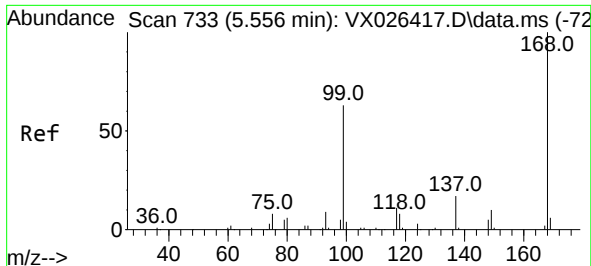
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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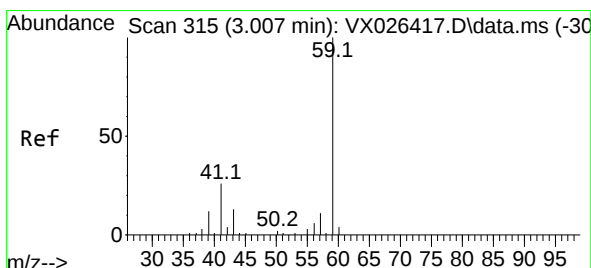
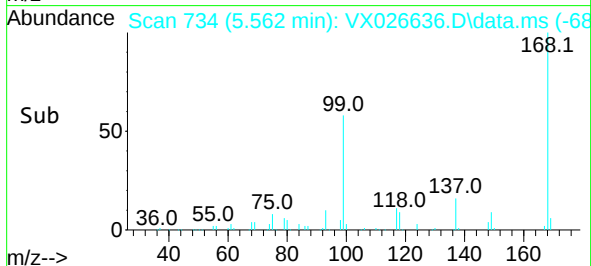
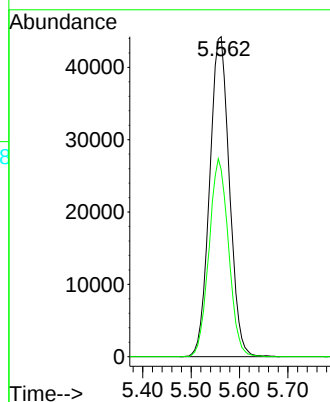
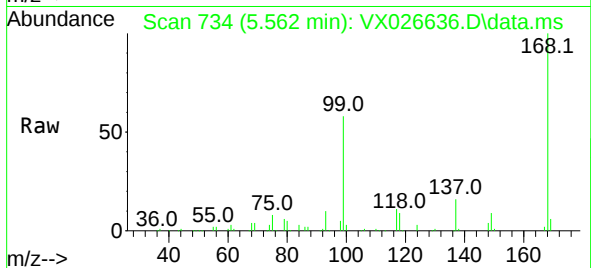




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX026636.D
Acq: 27 Jan 2022 19:44

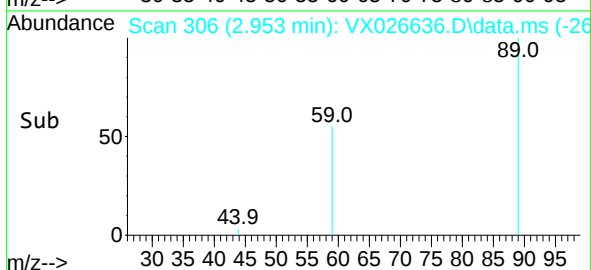
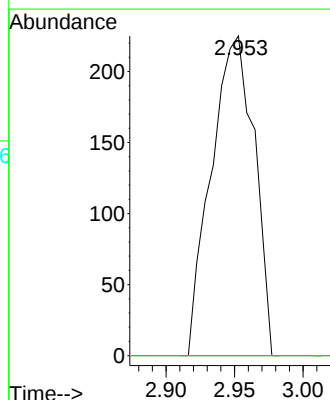
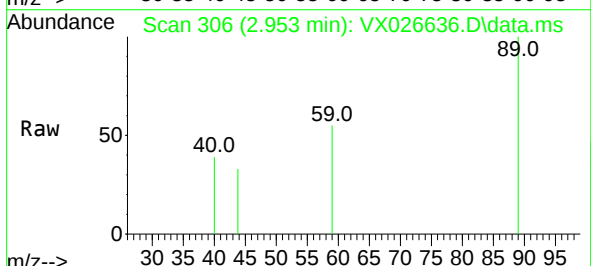
Instrument :
MSVOA_X
ClientSampleId :
MW-14

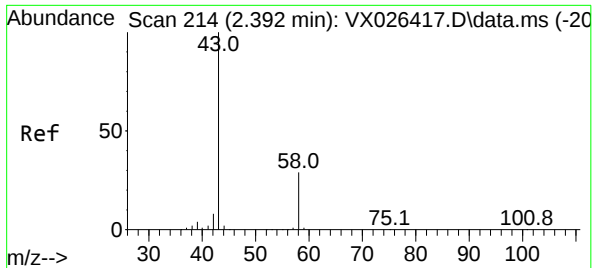
Tgt Ion:168 Resp: 125569
Ion Ratio Lower Upper
168 100
99 58.4 50.3 75.5



#11
Tert butyl alcohol
Concen: 2.016 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.054 min
Lab File: VX026636.D
Acq: 27 Jan 2022 19:44

Tgt Ion: 59 Resp: 492
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#

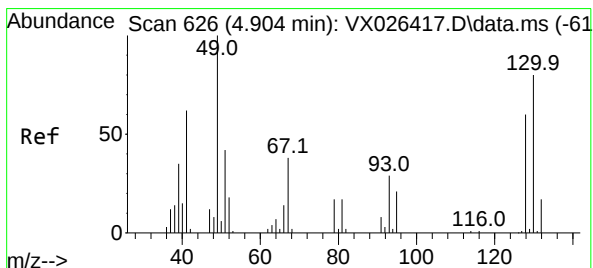
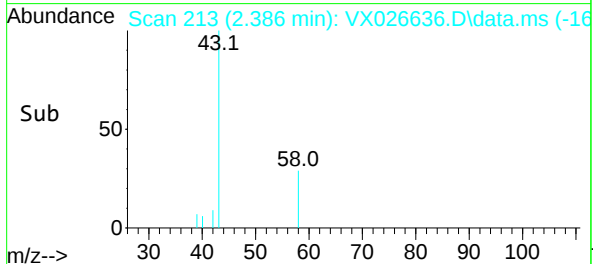
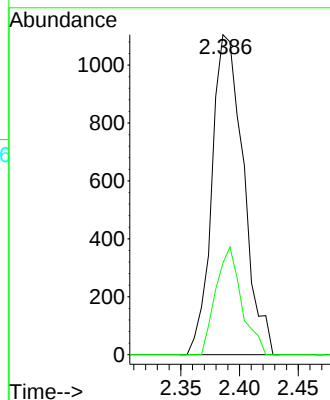
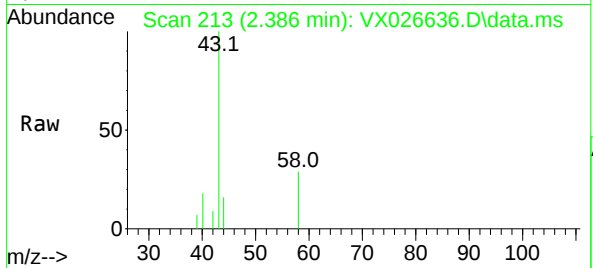




#16
Acetone
Concen: 2.305 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX026636.D
Acq: 27 Jan 2022 19:44

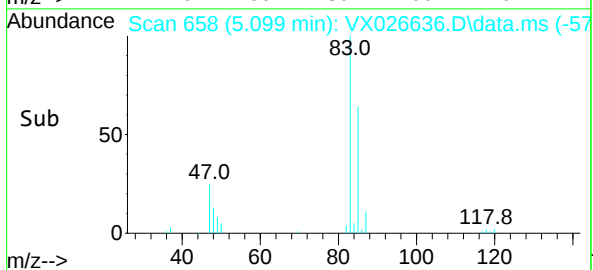
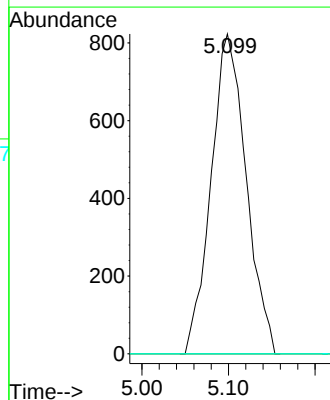
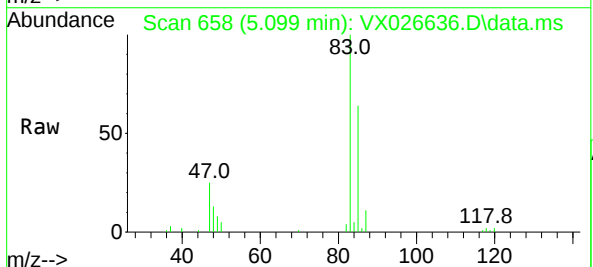
Instrument :
MSVOA_X
ClientSampleId :
MW-14

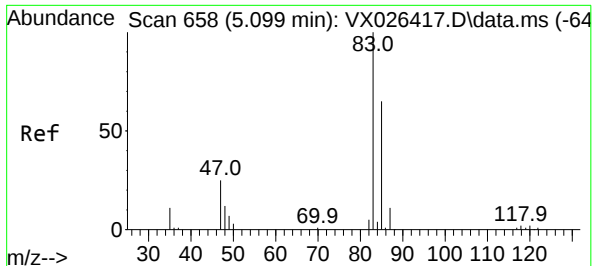
Tgt Ion: 43 Resp: 2062
Ion Ratio Lower Upper
43 100
58 28.6 23.0 34.6



#28
Bromochloromethane
Concen: 2.131 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.195 min
Lab File: VX026636.D
Acq: 27 Jan 2022 19:44

Tgt Ion: 49 Resp: 2315
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.2
130 0.0 62.4 93.6#





#30

Chloroform

Concen: 10.980 ug/l

RT: 5.099 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX026636.D

Acq: 27 Jan 2022 19:44

Instrument :

MSVOA_X

ClientSampleId :

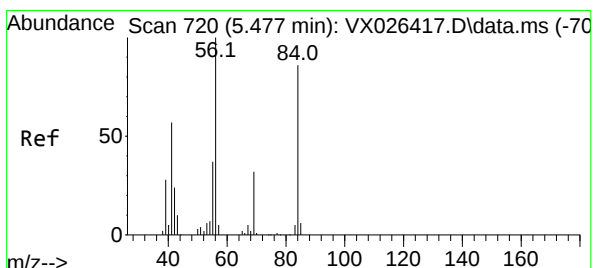
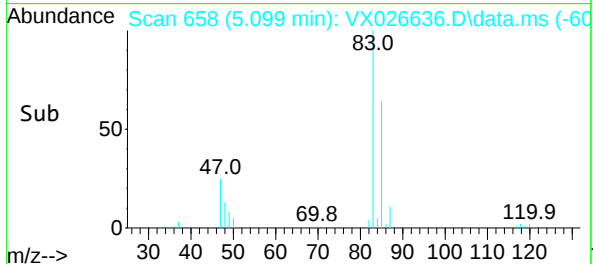
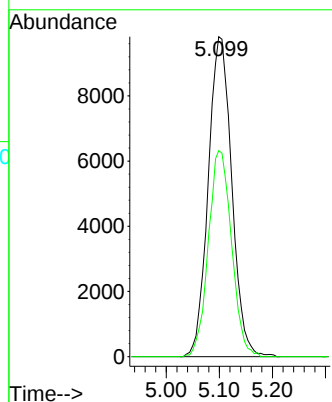
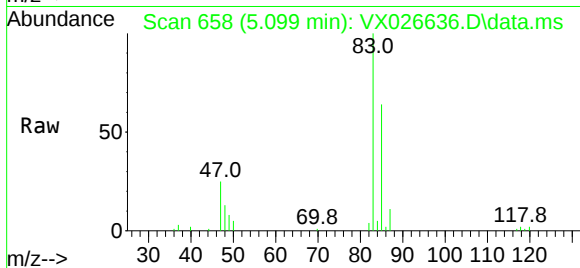
MW-14

Tgt Ion: 83 Resp: 30184

Ion Ratio Lower Upper

83 100

85 64.4 51.6 77.4



#31

Cyclohexane

Concen: 0.998 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.079 min

Lab File: VX026636.D

Acq: 27 Jan 2022 19:44

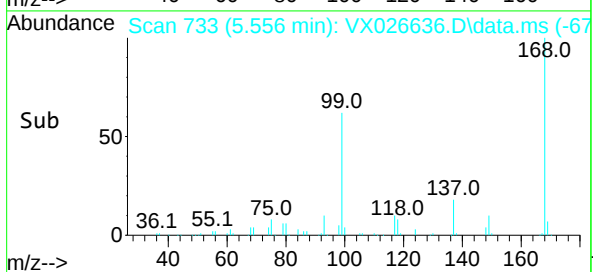
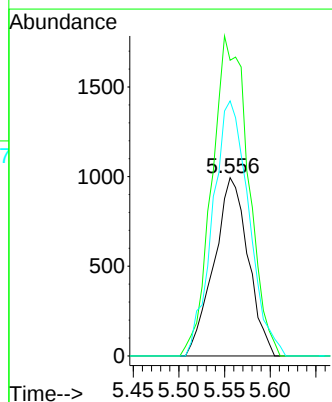
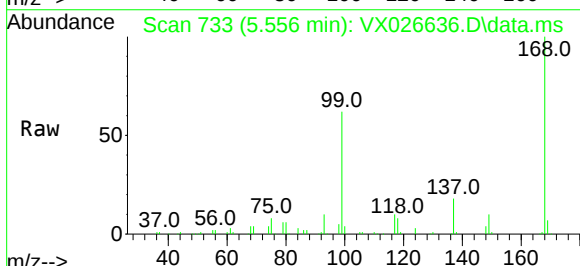
Tgt Ion: 56 Resp: 2583

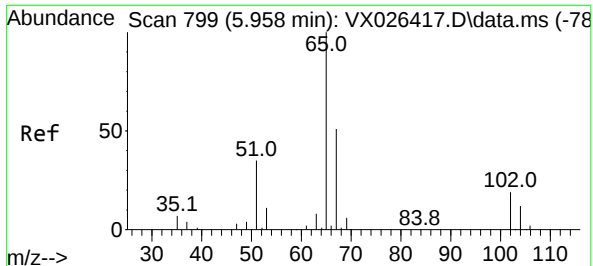
Ion Ratio Lower Upper

56 100

69 165.9 25.8 38.6#

84 143.2 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 47.669 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX026636.D

Acq: 27 Jan 2022 19:44

Instrument :

MSVOA_X

ClientSampleId :

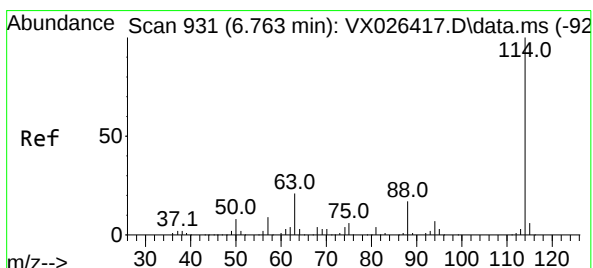
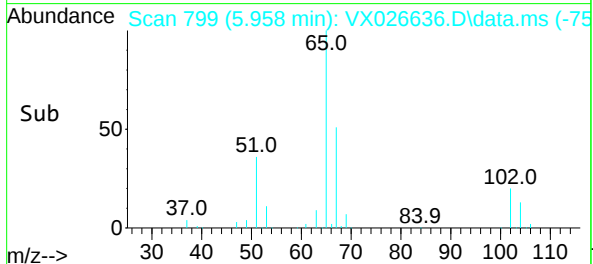
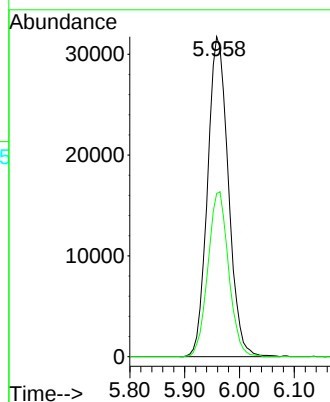
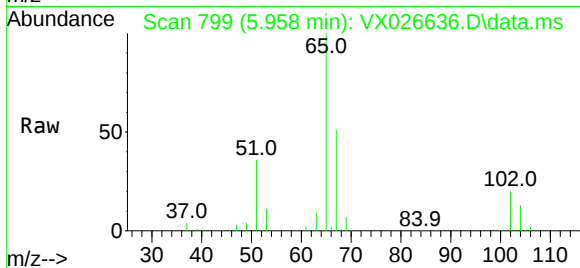
MW-14

Tgt Ion: 65 Resp: 83616

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: VX026636.D

Acq: 27 Jan 2022 19:44

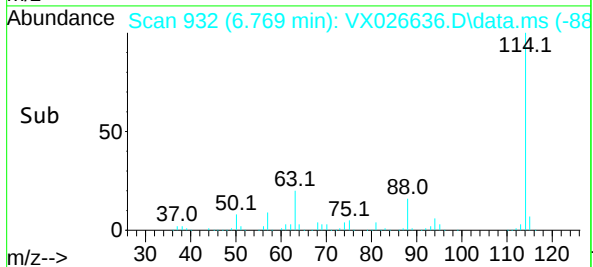
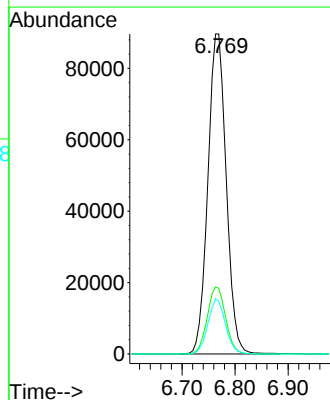
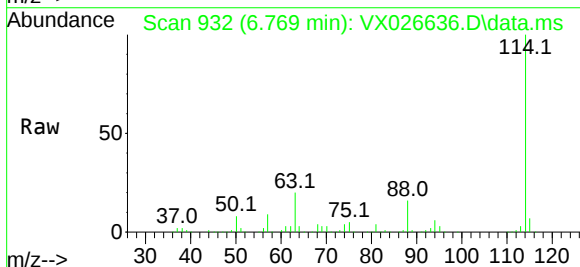
Tgt Ion: 114 Resp: 215238

Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.8

88 16.5 0.0 33.0





#35

Dibromofluoromethane

Concen: 48.922 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX026636.D

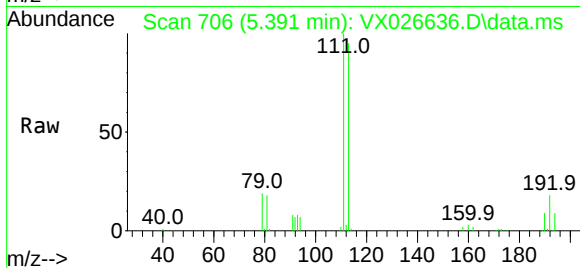
Acq: 27 Jan 2022 19:44

Instrument :

MSVOA_X

ClientSampleId :

MW-14



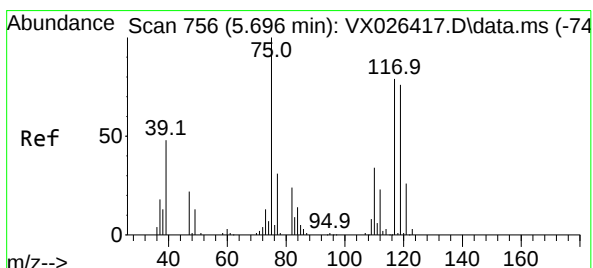
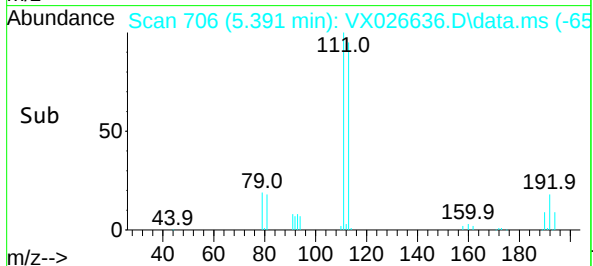
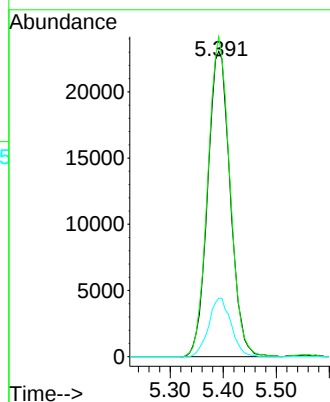
Tgt Ion:113 Resp: 67999

Ion Ratio Lower Upper

113 100

111 103.0 81.2 121.8

192 19.1 15.0 22.4



#36

1,1-Dichloropropene

Concen: 4.504 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX026636.D

Acq: 27 Jan 2022 19:44

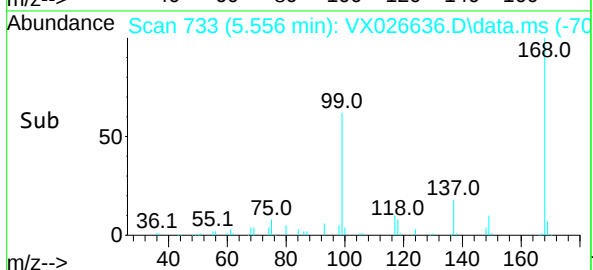
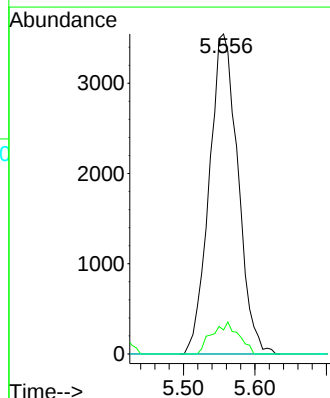
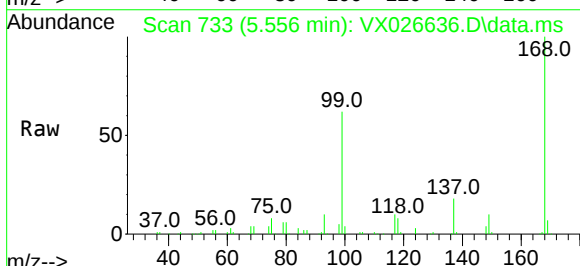
Tgt Ion: 75 Resp: 9882

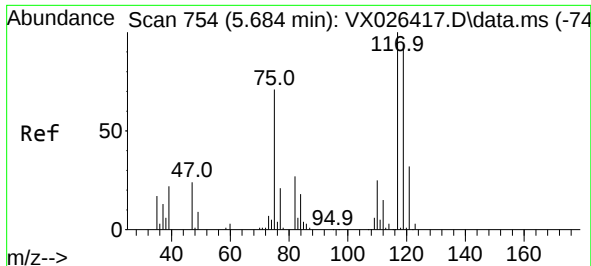
Ion Ratio Lower Upper

75 100

110 9.3 17.2 51.6#

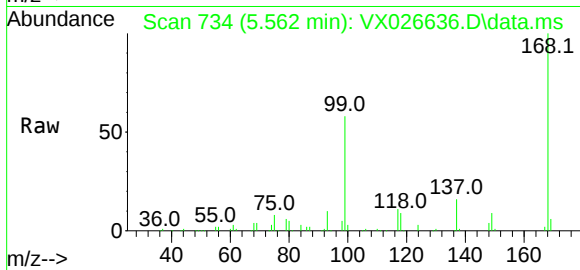
77 0.0 24.6 36.8#



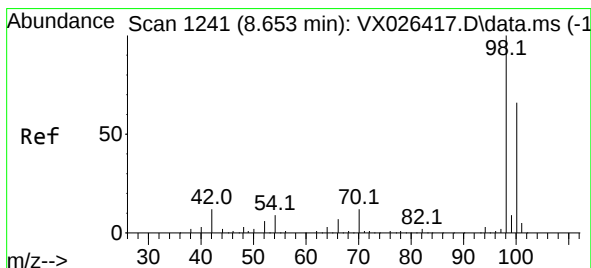
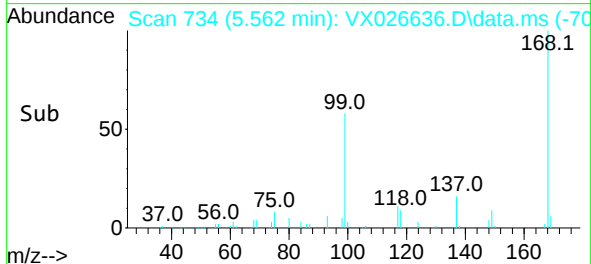
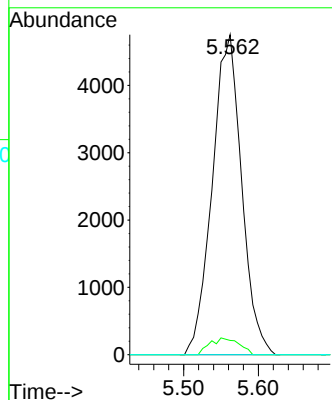


#38
Carbon Tetrachloride
Concen: 5.751 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX026636.D
Acq: 27 Jan 2022 19:44

Instrument :
MSVOA_X
ClientSampleId :
MW-14

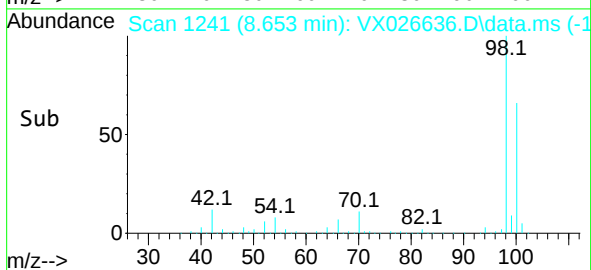
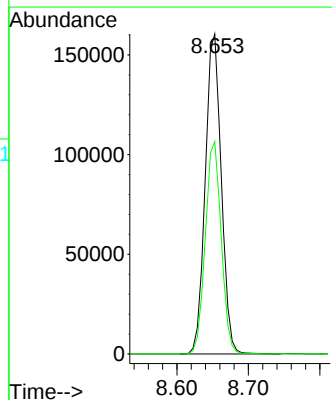
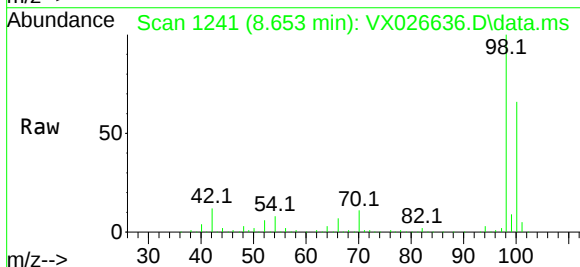


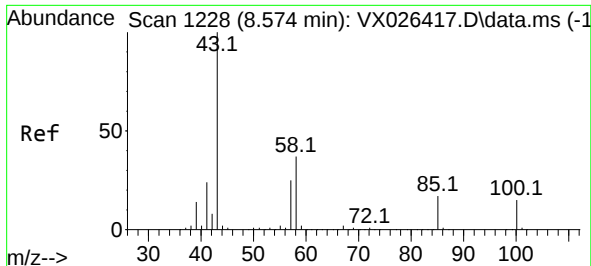
Tgt Ion:117 Resp: 12981
Ion Ratio Lower Upper
117 100
119 4.4 74.7 112.1#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 49.995 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX026636.D
Acq: 27 Jan 2022 19:44

Tgt Ion: 98 Resp: 250414
Ion Ratio Lower Upper
98 100
100 65.8 53.2 79.8





#51

4-Methyl-2-Pentanone

Concen: 0.511 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX026636.D

Acq: 27 Jan 2022 19:44

Instrument :

MSVOA_X

ClientSampleId :

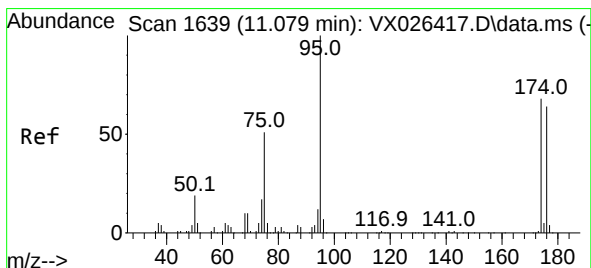
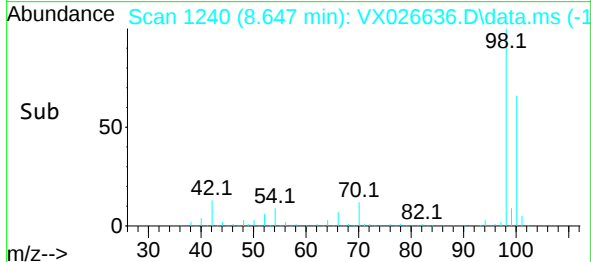
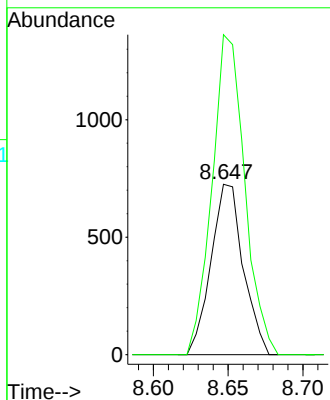
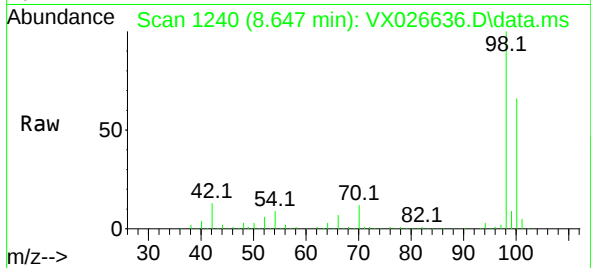
MW-14

Tgt Ion: 43 Resp: 1087

Ion Ratio Lower Upper

43 100

58 190.4 30.5 45.7#



#62

4-Bromofluorobenzene

Concen: 48.771 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX026636.D

Acq: 27 Jan 2022 19:44

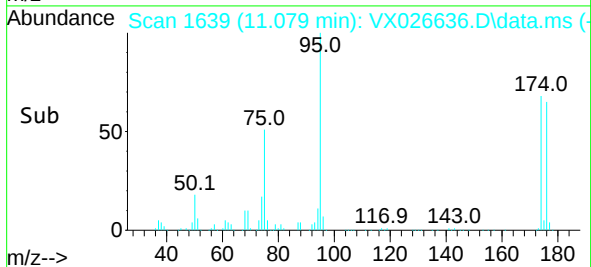
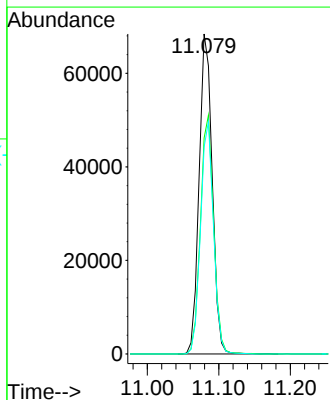
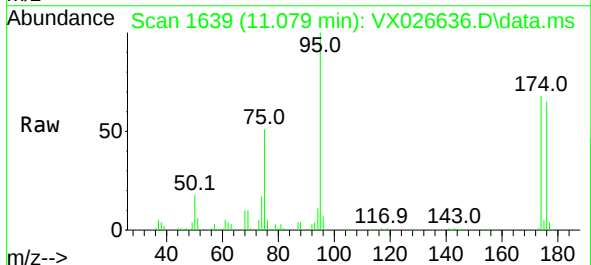
Tgt Ion: 95 Resp: 86778

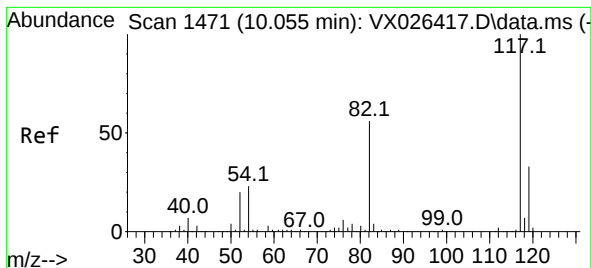
Ion Ratio Lower Upper

95 100

174 75.0 0.0 148.6

176 71.9 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: VX026636.D

Acq: 27 Jan 2022 19:44

Instrument :

MSVOA_X

ClientSampleId :

MW-14

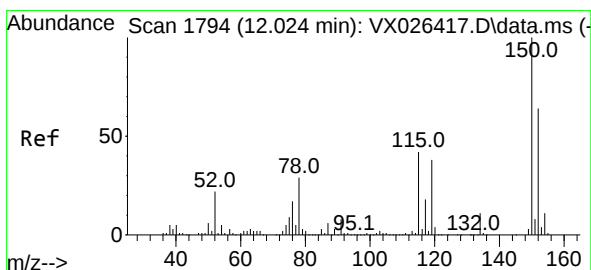
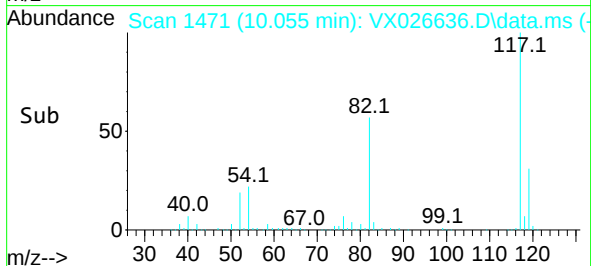
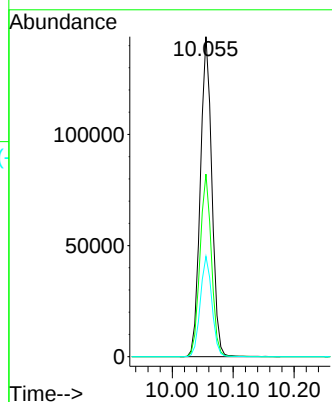
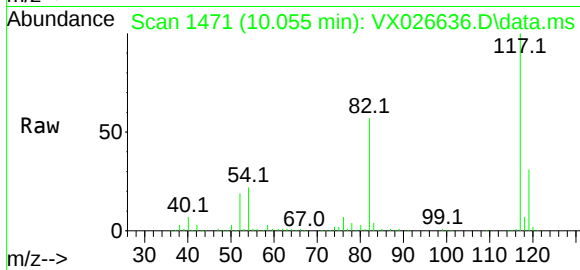
Tgt Ion:117 Resp: 189482

Ion Ratio Lower Upper

117 100

82 57.0 45.2 67.8

119 31.3 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: VX026636.D

Acq: 27 Jan 2022 19:44

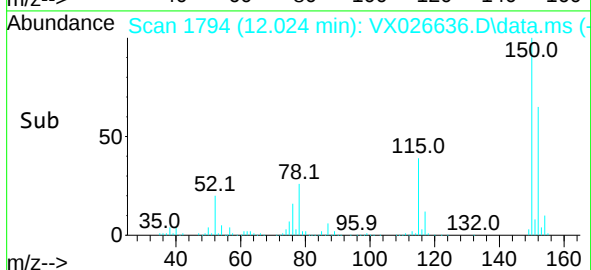
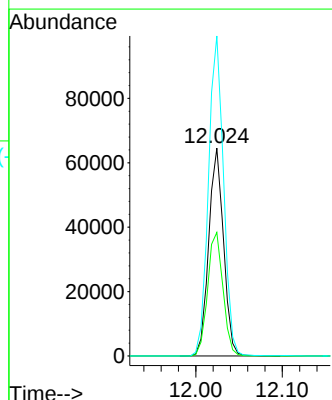
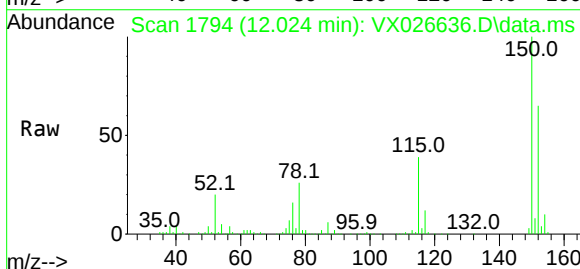
Tgt Ion:152 Resp: 76755

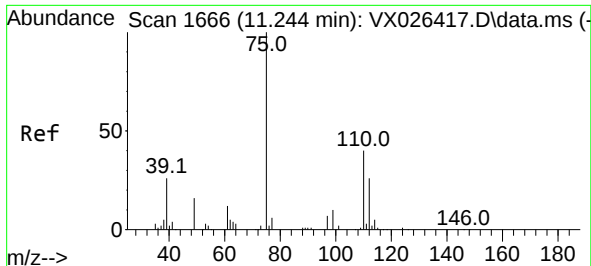
Ion Ratio Lower Upper

152 100

115 61.5 44.2 132.6

150 156.7 0.0 348.2

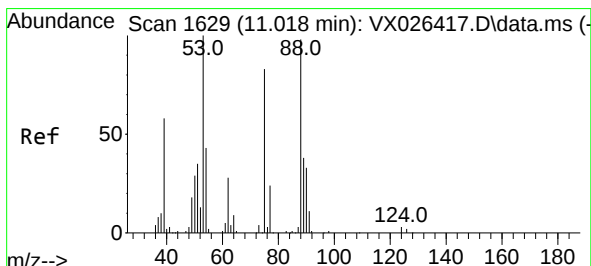
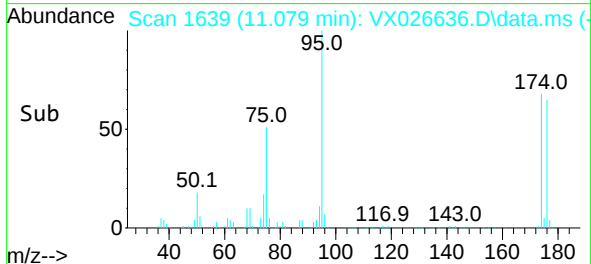
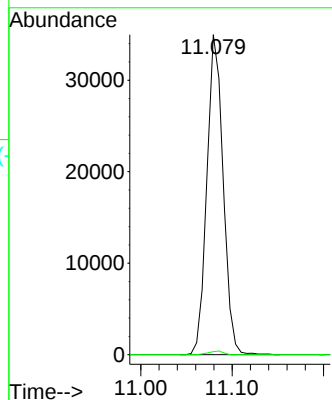
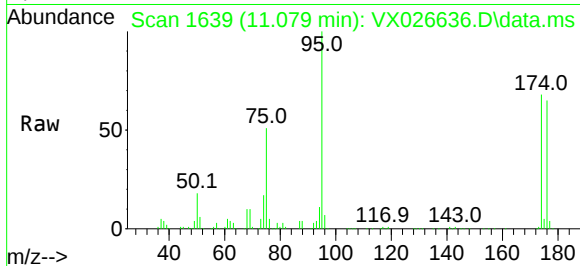




#76
1,2,3-Trichloropropane
Concen: 25.539 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX026636.D
Acq: 27 Jan 2022 19:44

Instrument :
MSVOA_X
ClientSampleId :
MW-14

Tgt Ion: 75 Resp: 43160
Ion Ratio Lower Upper
75 100
77 1.0 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.521 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026636.D
Acq: 27 Jan 2022 19:44

Tgt Ion: 75 Resp: 43160
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

