

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012822\
 Data File : VX026657.D
 Acq On : 28 Jan 2022 17:31
 Operator : JC/MD
 Sample : N1297-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2EA

Quant Time: Jan 29 02:20:06 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)

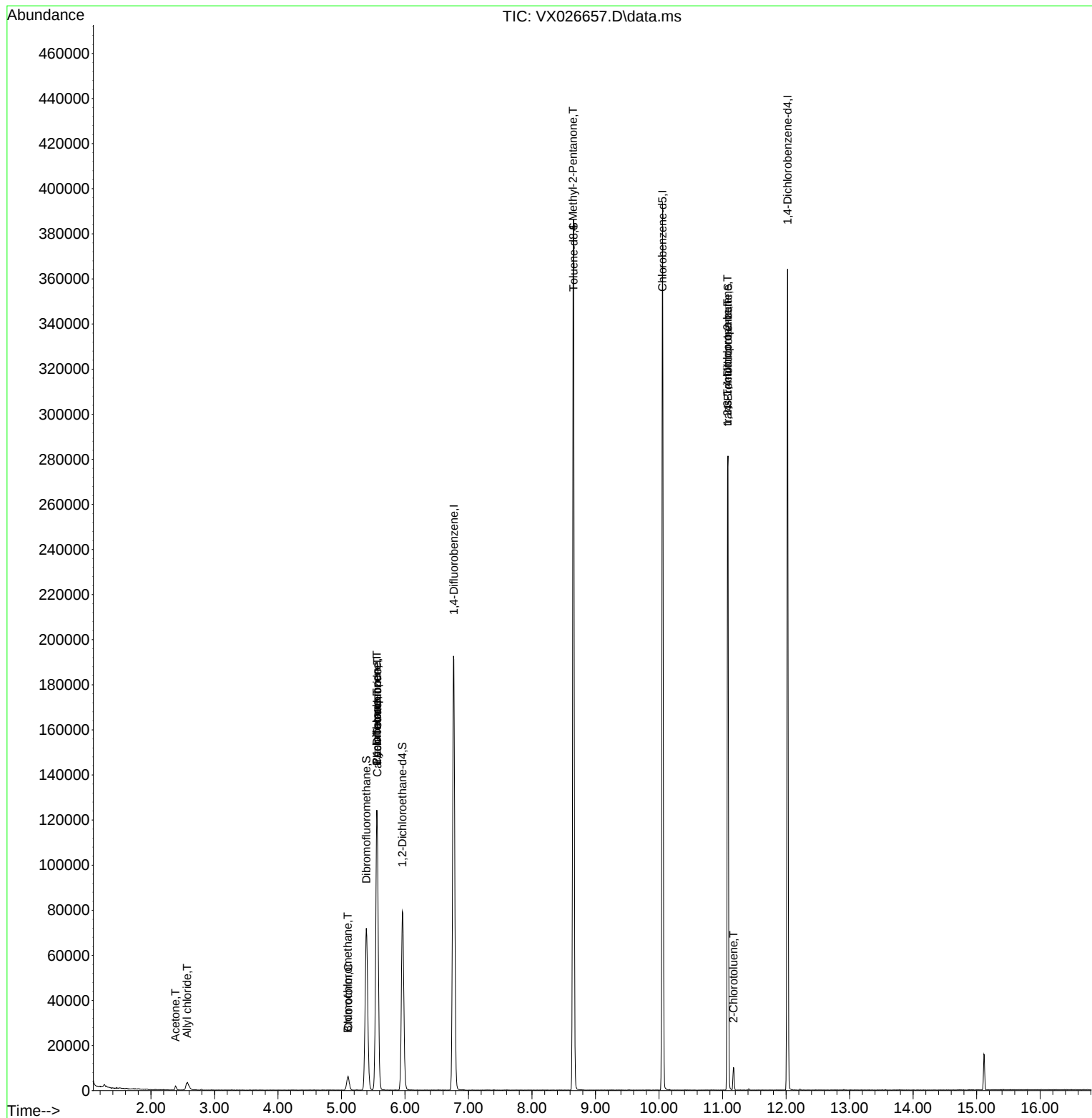
Internal Standards						
1) Pentafluorobenzene	5.556	168	116636	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	199519	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	172158	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	71822	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	77854	47.783	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.560%
35) Dibromofluoromethane	5.391	113	63056	48.940	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.880%
50) Toluene-d8	8.653	98	228210	49.152	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.300%
62) 4-Bromofluorobenzene	11.085	95	80149	48.594	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.180%
Target Compounds						
					Qvalue	
14) Allyl chloride	2.569	41	691	0.308	ug/l #	73
16) Acetone	2.386	43	2060	2.479	ug/l	96
28) Bromochloromethane	5.099	49	486	0.482	ug/l #	13
30) Chloroform	5.105	83	7516	2.944	ug/l	93
31) Cyclohexane	5.556	56	2302	0.958	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	8781	4.317	ug/l #	51
38) Carbon Tetrachloride	5.562	117	12206	5.834	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	970	0.492	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	39255	24.824	ug/l #	40
79) 2-Chlorotoluene	11.171	91	906	0.223	ug/l #	42
81) trans-1,4-Dichloro-2-b...	11.079	75	39255	75.489	ug/l #	3

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

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Quant Title : SW846 8260
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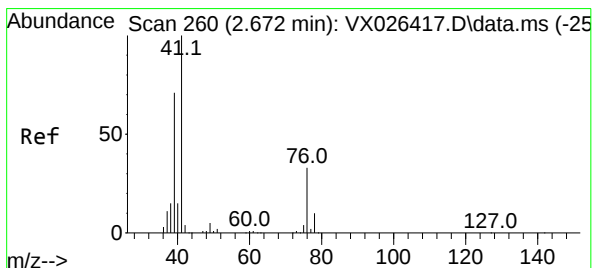
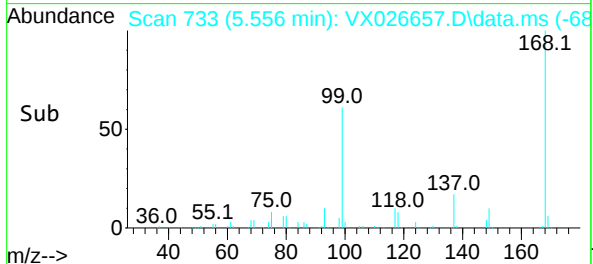
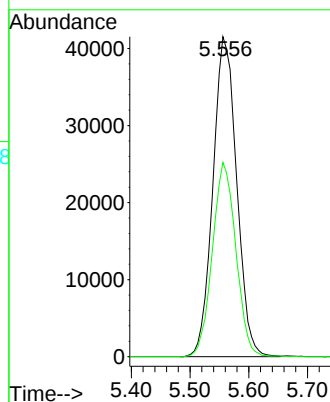
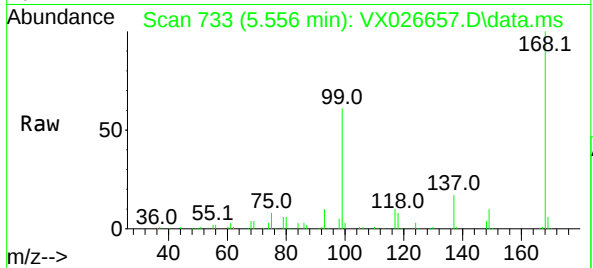




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026657.D
Acq: 28 Jan 2022 17:31

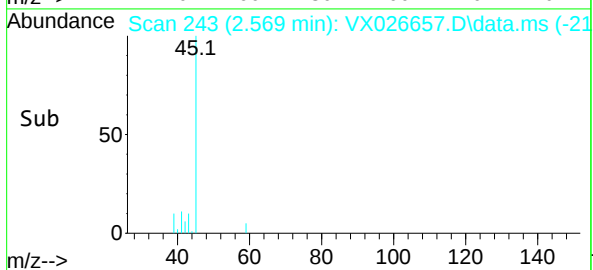
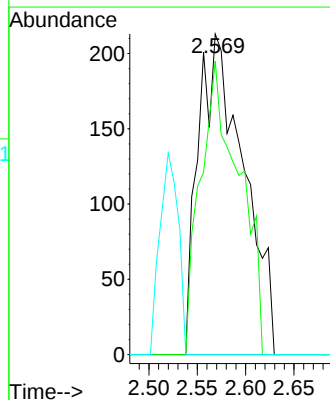
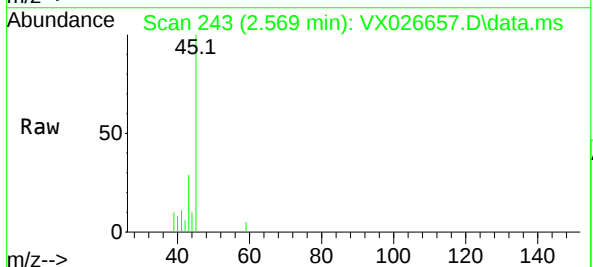
Instrument :
MSVOA_X
ClientSampleId :
MW-2EA

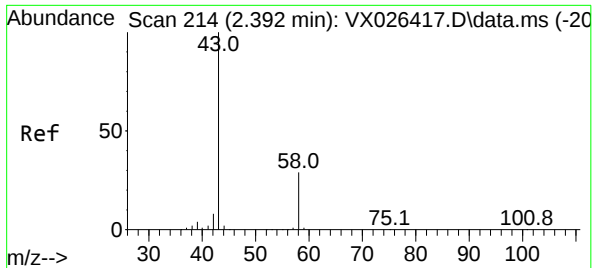
Tgt Ion:168 Resp: 116636
Ion Ratio Lower Upper
168 100
99 60.7 50.3 75.5



#14
Allyl chloride
Concen: 0.308 ug/l
RT: 2.569 min Scan# 243
Delta R.T. -0.104 min
Lab File: VX026657.D
Acq: 28 Jan 2022 17:31

Tgt Ion: 41 Resp: 691
Ion Ratio Lower Upper
41 100
39 78.9 54.2 81.4
76 0.0 25.2 37.8#

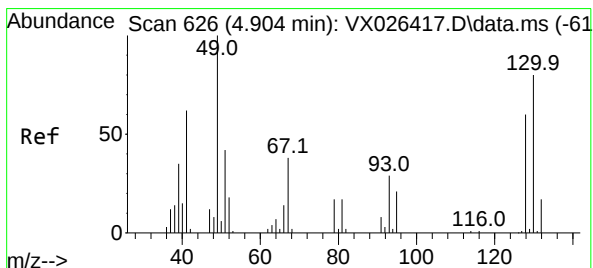
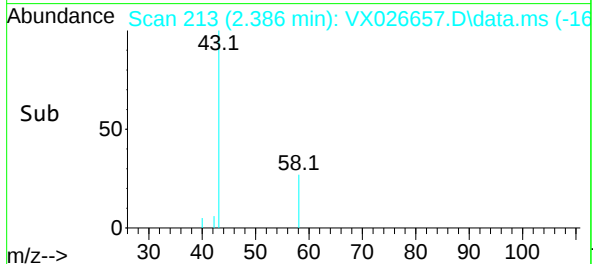
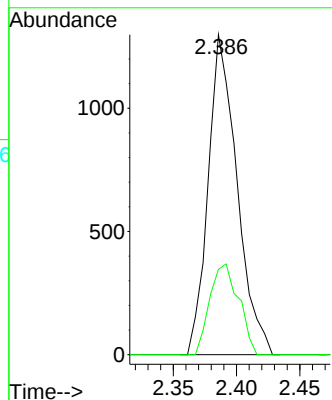
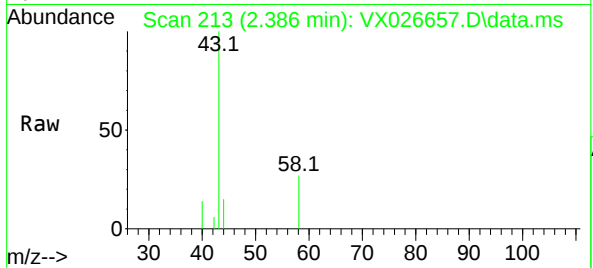




#16
Acetone
Concen: 2.479 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX026657.D
Acq: 28 Jan 2022 17:31

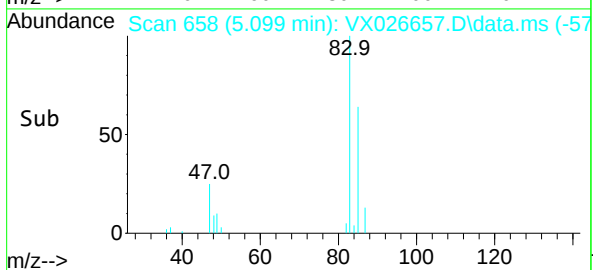
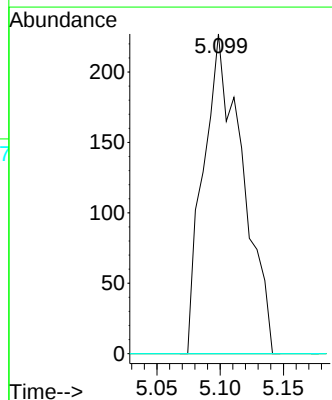
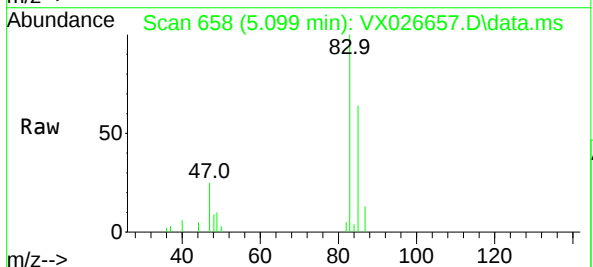
Instrument :
MSVOA_X
ClientSampleId :
MW-2EA

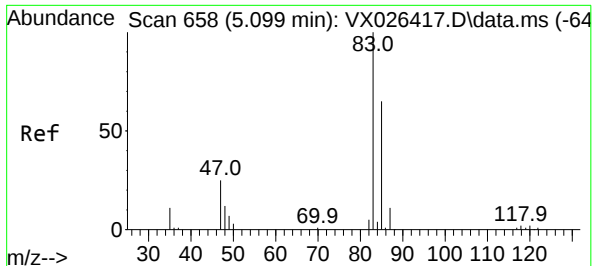
Tgt Ion: 43 Resp: 2060
Ion Ratio Lower Upper
43 100
58 26.6 23.0 34.6



#28
Bromochloromethane
Concen: 0.482 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.195 min
Lab File: VX026657.D
Acq: 28 Jan 2022 17:31

Tgt Ion: 49 Resp: 486
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.2
130 0.0 62.4 93.6#





#30

Chloroform

Concen: 2.944 ug/l

RT: 5.105 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX026657.D

Acq: 28 Jan 2022 17:31

Instrument :

MSVOA_X

ClientSampleId :

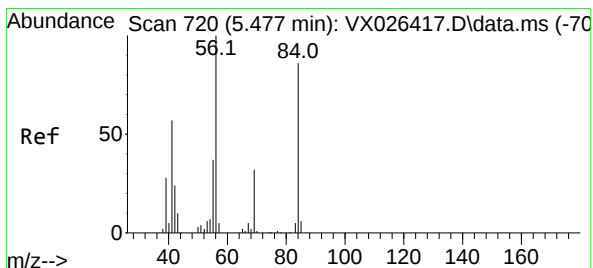
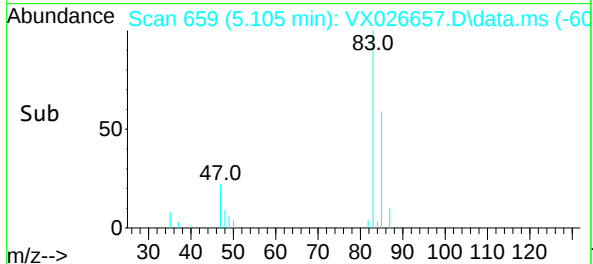
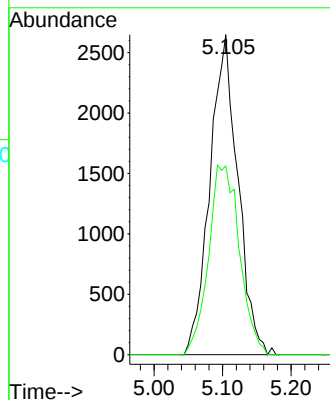
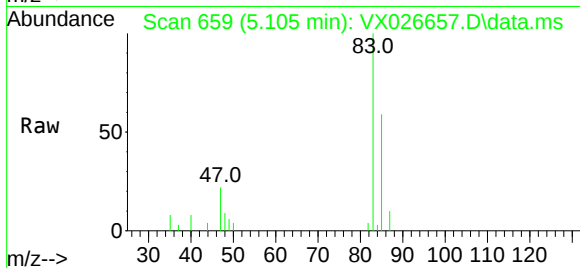
MW-2EA

Tgt Ion: 83 Resp: 7516

Ion Ratio Lower Upper

83 100

85 59.0 51.6 77.4



#31

Cyclohexane

Concen: 0.958 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.079 min

Lab File: VX026657.D

Acq: 28 Jan 2022 17:31

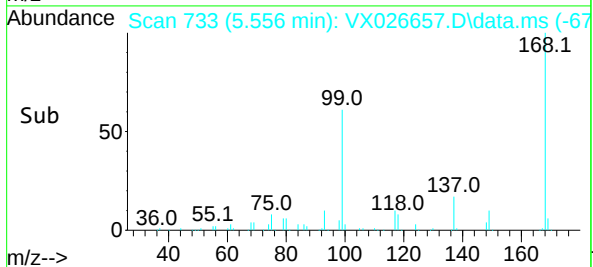
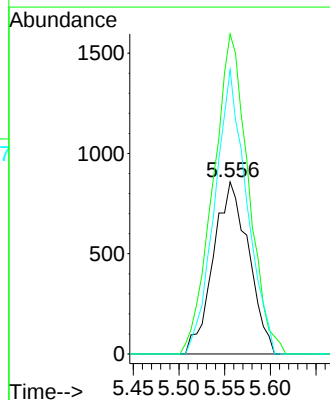
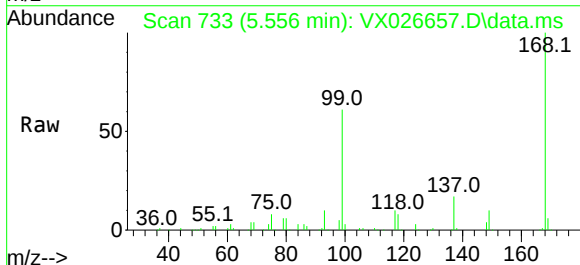
Tgt Ion: 56 Resp: 2302

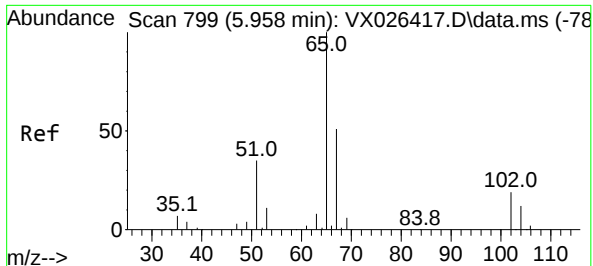
Ion Ratio Lower Upper

56 100

69 186.0 25.8 38.6#

84 165.3 68.9 103.3#

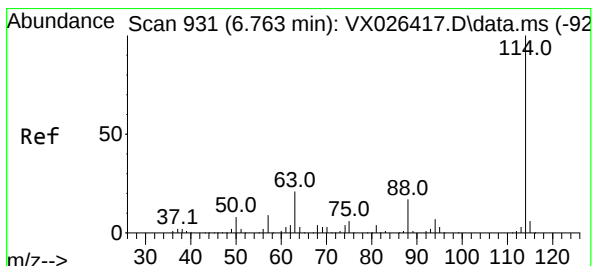
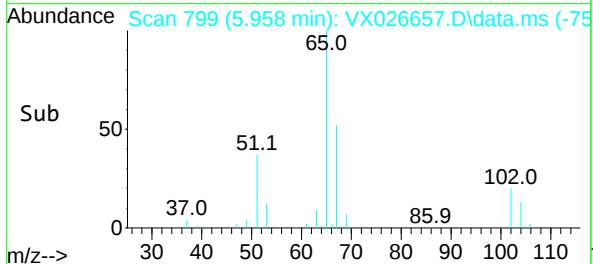
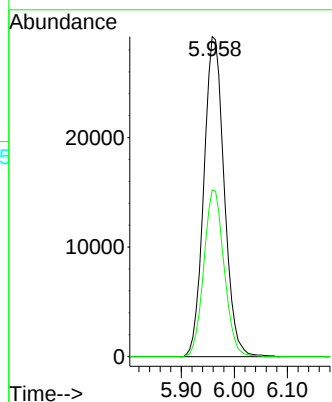
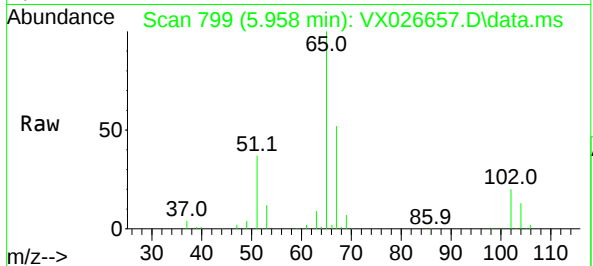




#33
 1,2-Dichloroethane-d4
 Concen: 47.783 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX026657.D
 Acq: 28 Jan 2022 17:31

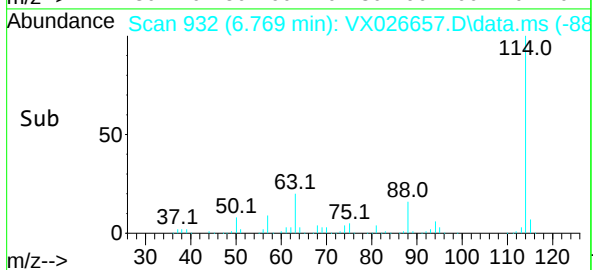
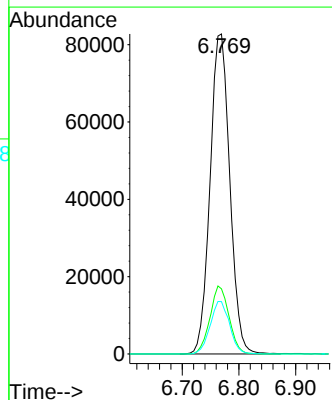
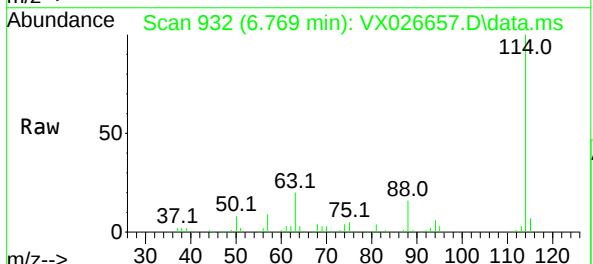
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2EA

Tgt Ion: 65 Resp: 77854
 Ion Ratio Lower Upper
 65 100
 67 52.0 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: VX026657.D
 Acq: 28 Jan 2022 17:31

Tgt Ion: 114 Resp: 199519
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 42.8
 88 16.4 0.0 33.0





#35

Dibromofluoromethane

Concen: 48.940 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX026657.D

Acq: 28 Jan 2022 17:31

Instrument :

MSVOA_X

ClientSampleId :

MW-2EA

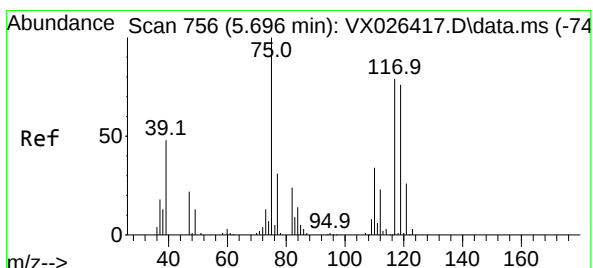
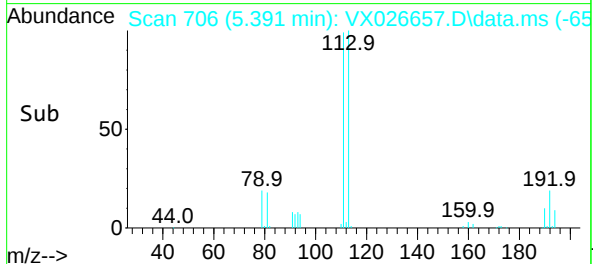
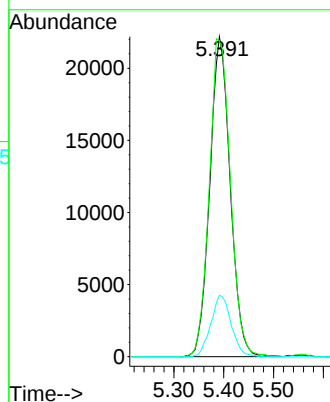
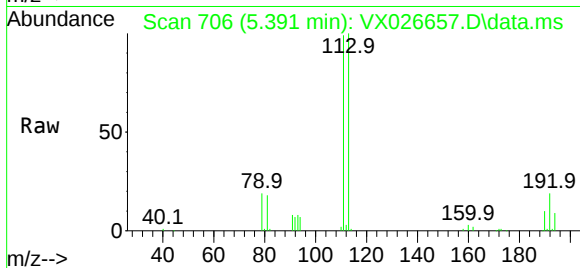
Tgt Ion:113 Resp: 63056

Ion Ratio Lower Upper

113 100

111 103.2 81.2 121.8

192 19.1 15.0 22.4



#36

1,1-Dichloropropene

Concen: 4.317 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX026657.D

Acq: 28 Jan 2022 17:31

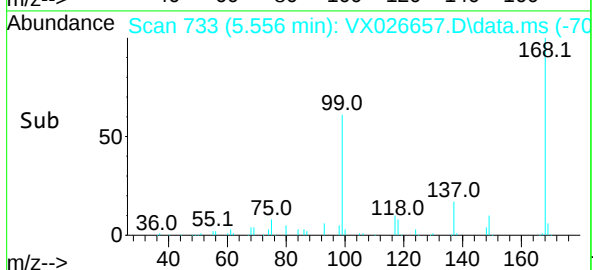
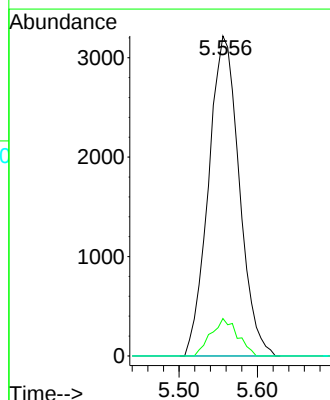
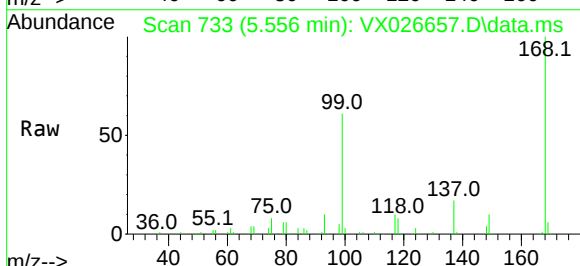
Tgt Ion: 75 Resp: 8781

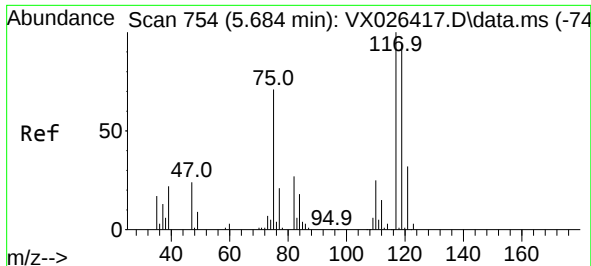
Ion Ratio Lower Upper

75 100

110 10.1 17.2 51.6#

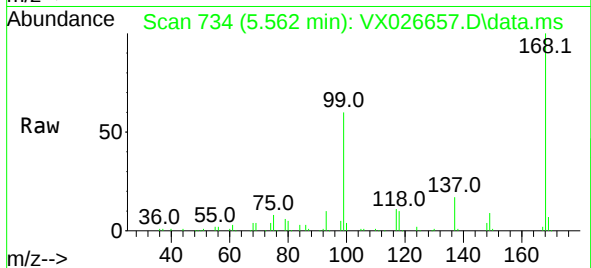
77 0.0 24.6 36.8#



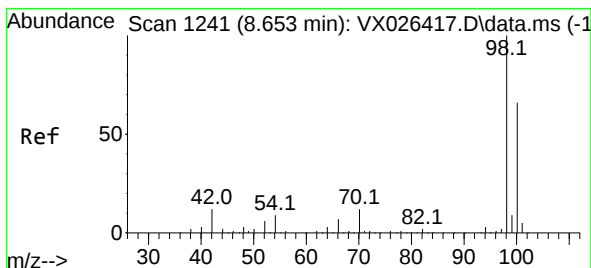
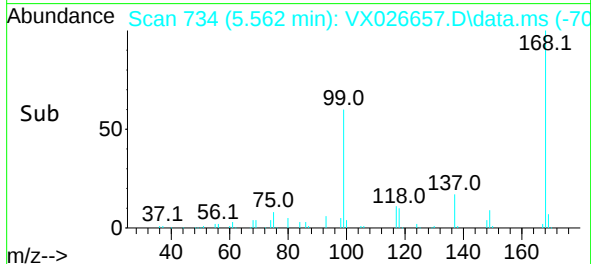
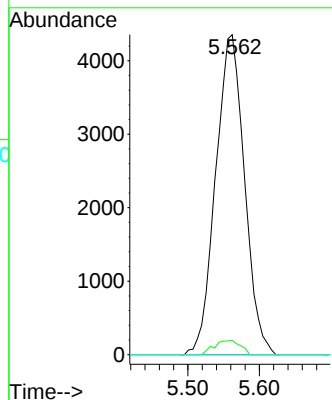


#38
Carbon Tetrachloride
Concen: 5.834 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX026657.D
Acq: 28 Jan 2022 17:31

Instrument :
MSVOA_X
ClientSampleId :
MW-2EA

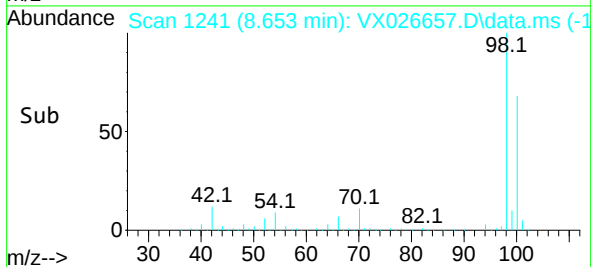
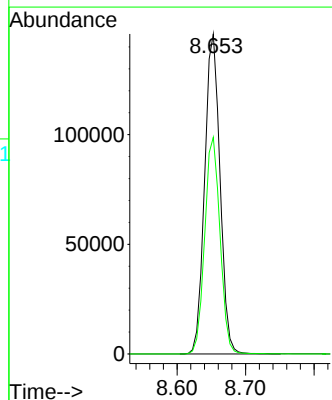
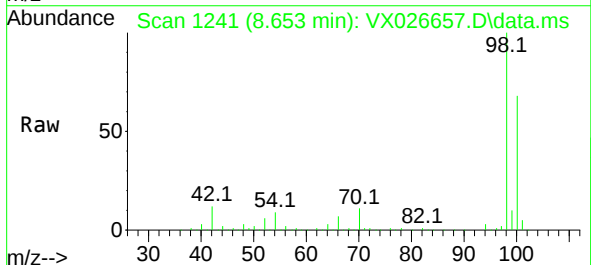


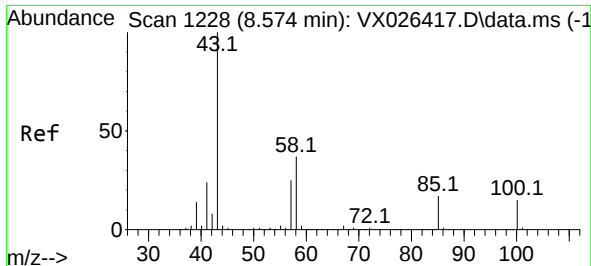
Tgt Ion:117 Resp: 12206
Ion Ratio Lower Upper
117 100
119 4.5 74.7 112.1#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 49.152 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX026657.D
Acq: 28 Jan 2022 17:31

Tgt Ion: 98 Resp: 228210
Ion Ratio Lower Upper
98 100
100 67.5 53.2 79.8





#51

4-Methyl-2-Pentanone

Concen: 0.492 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX026657.D

Acq: 28 Jan 2022 17:31

Instrument :

MSVOA_X

ClientSampleId :

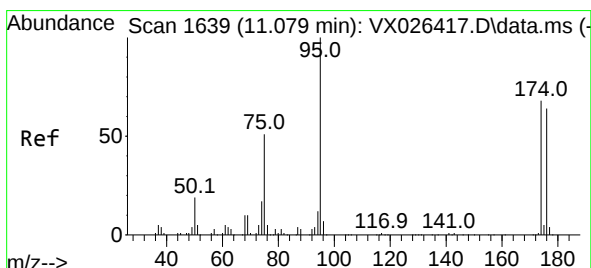
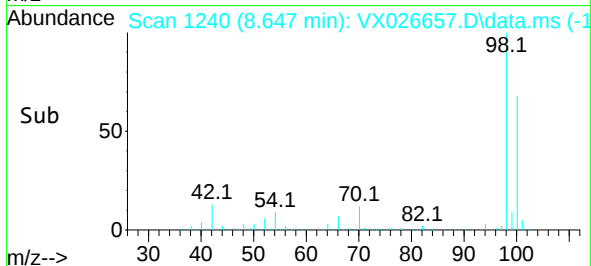
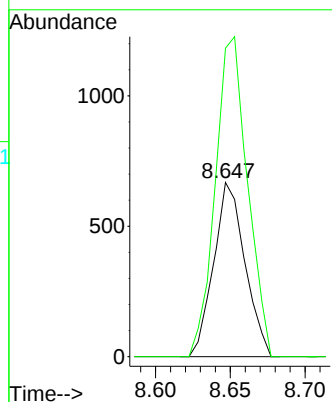
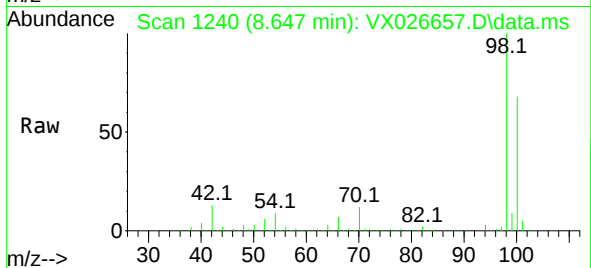
MW-2EA

Tgt Ion: 43 Resp: 970

Ion Ratio Lower Upper

43 100

58 189.3 30.5 45.7#



#62

4-Bromofluorobenzene

Concen: 48.594 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.006 min

Lab File: VX026657.D

Acq: 28 Jan 2022 17:31

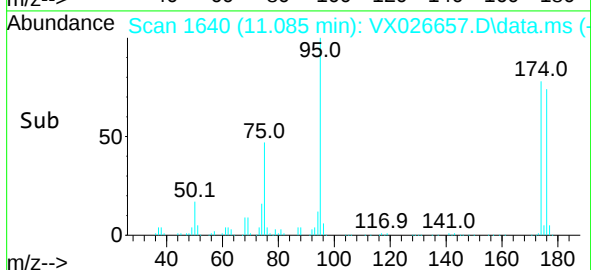
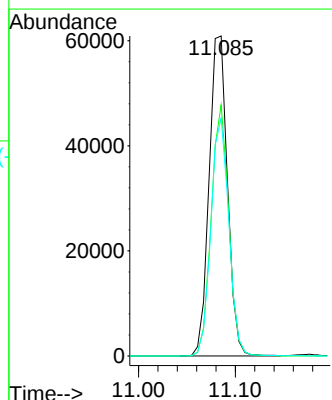
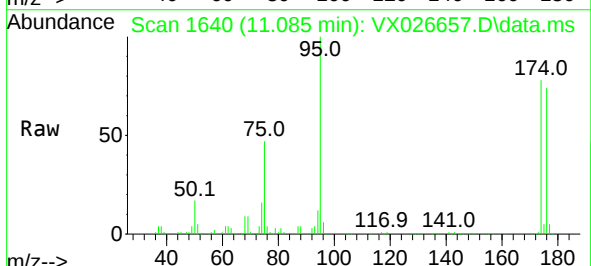
Tgt Ion: 95 Resp: 80149

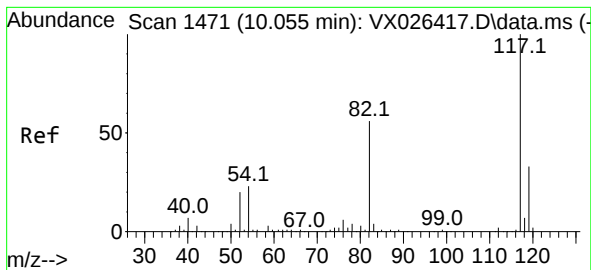
Ion Ratio Lower Upper

95 100

174 74.7 0.0 148.6

176 72.4 0.0 141.4

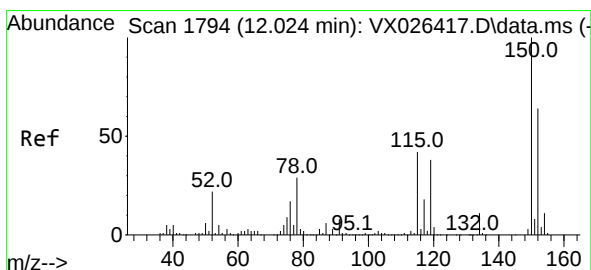
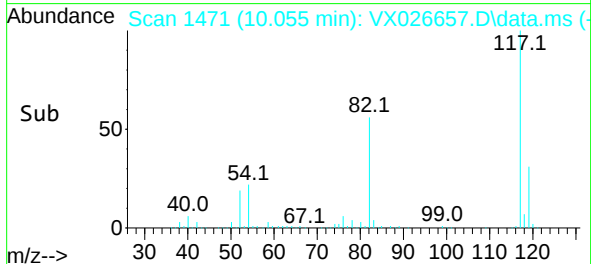
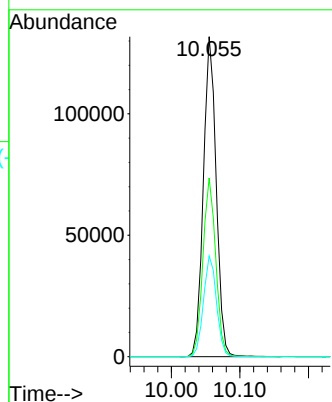
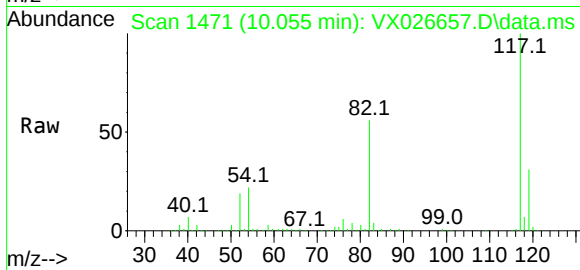




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026657.D
Acq: 28 Jan 2022 17:31

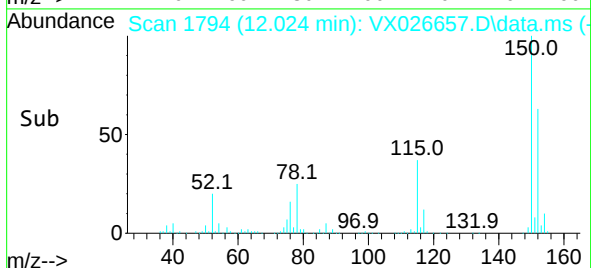
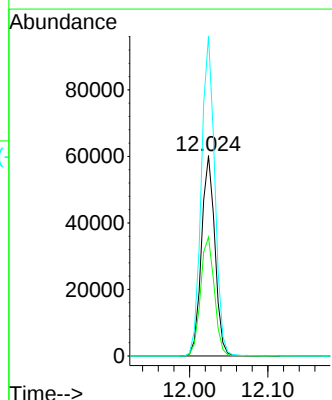
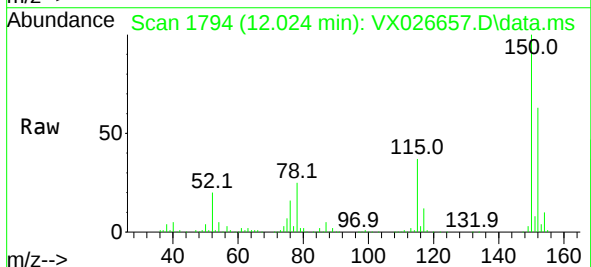
Instrument :
MSVOA_X
ClientSampleId :
MW-2EA

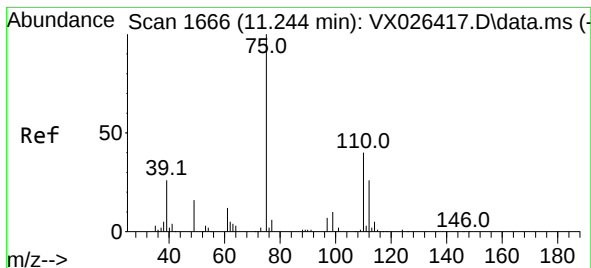
Tgt Ion:117 Resp: 172158
Ion Ratio Lower Upper
117 100
82 55.9 45.2 67.8
119 31.5 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026657.D
Acq: 28 Jan 2022 17:31

Tgt Ion:152 Resp: 71822
Ion Ratio Lower Upper
152 100
115 61.0 44.2 132.6
150 159.5 0.0 348.2





#76

1,2,3-Trichloropropane

Concen: 24.824 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.165 min

Lab File: VX026657.D

Acq: 28 Jan 2022 17:31

Instrument :

MSVOA_X

ClientSampleId :

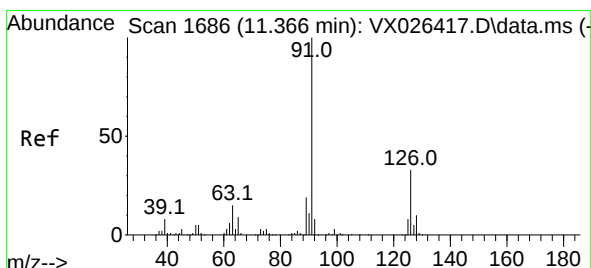
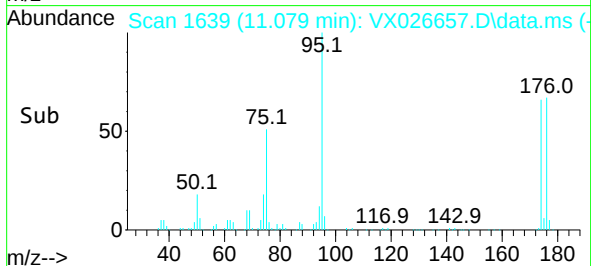
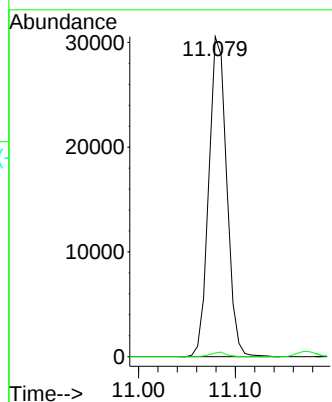
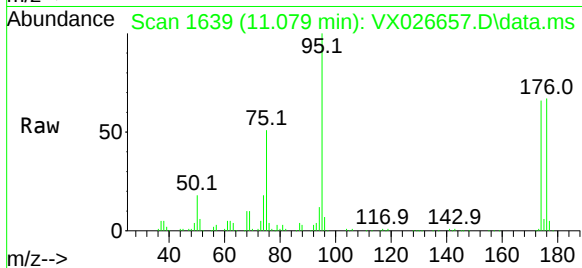
MW-2EA

Tgt Ion: 75 Resp: 39255

Ion Ratio Lower Upper

75 100

77 1.2 18.3 54.8#



#79

2-Chlorotoluene

Concen: 0.223 ug/l

RT: 11.171 min Scan# 1654

Delta R.T. -0.195 min

Lab File: VX026657.D

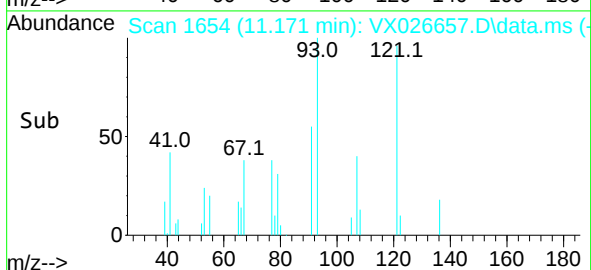
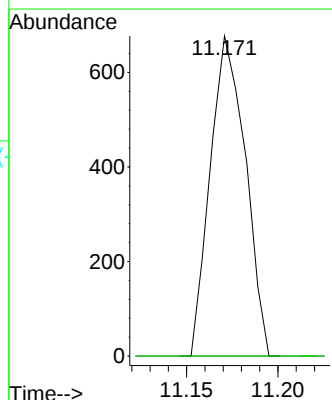
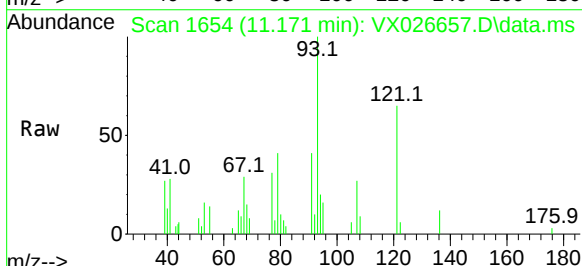
Acq: 28 Jan 2022 17:31

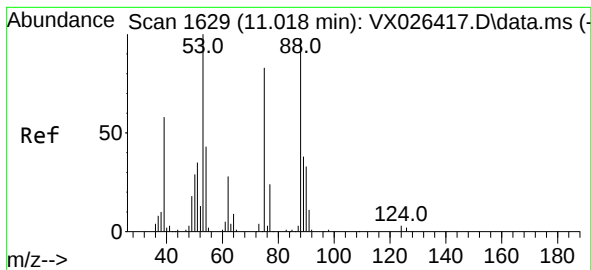
Tgt Ion: 91 Resp: 906

Ion Ratio Lower Upper

91 100

126 0.0 16.4 49.2#





#81
trans-1,4-Dichloro-2-butene
Concen: 75.489 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX026657.D
Acq: 28 Jan 2022 17:31

Instrument :
MSVOA_X
ClientSampleId :
MW-2EA

Tgt Ion: 75 Resp: 39255
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

