

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051222\
 Data File : VX028650.D
 Acq On : 12 May 2022 19:59
 Operator : JC/MD
 Sample : N2799-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2E

Quant Time: May 13 02:49:21 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)

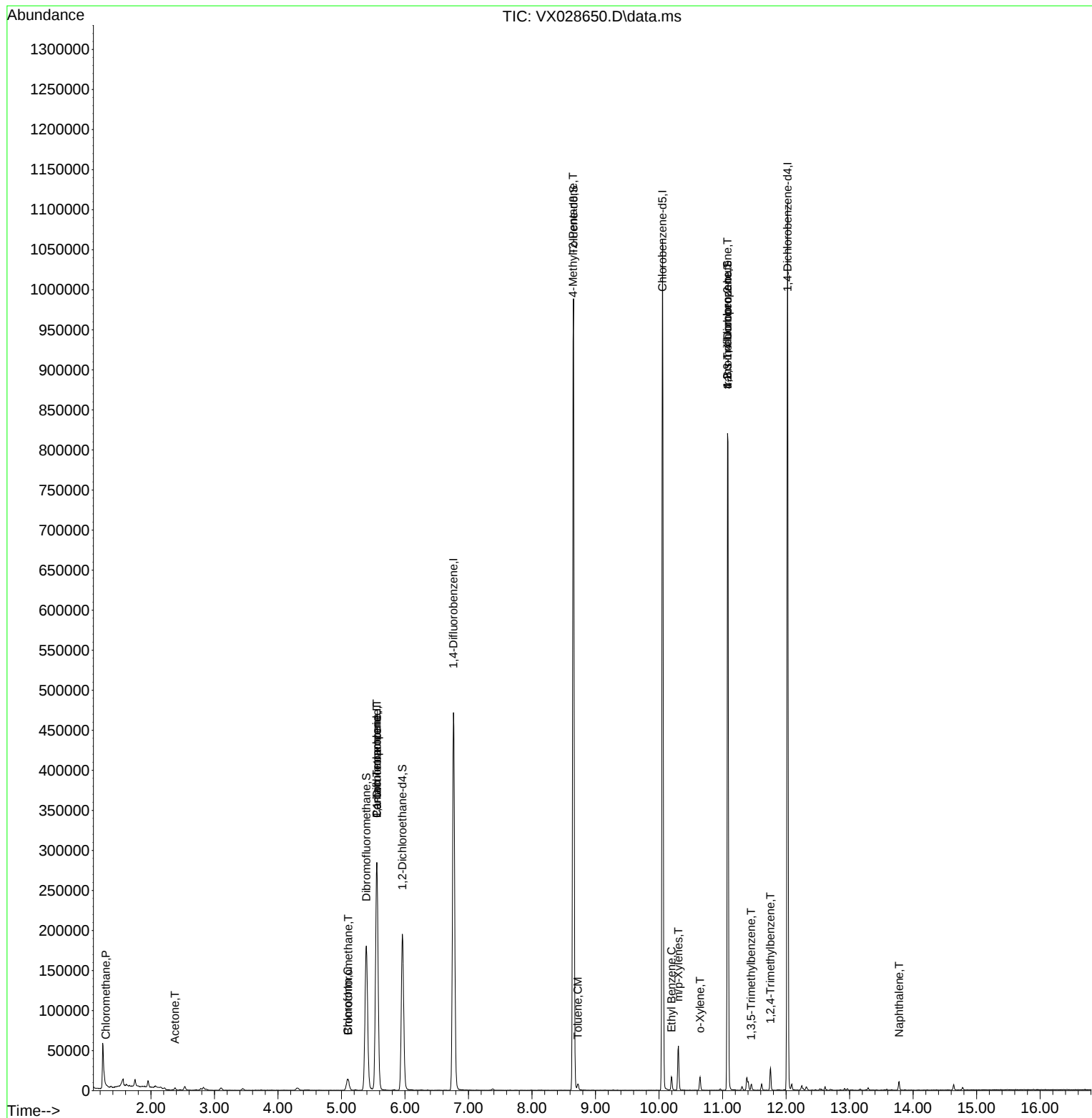
Internal Standards						
1) Pentafluorobenzene	5.556	168	260832	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	481095	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	455979	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	208075	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	185601	51.911	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	103.820%
35) Dibromofluoromethane	5.391	113	156968	49.798	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.600%
50) Toluene-d8	8.653	98	574783	48.367	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.740%
62) 4-Bromofluorobenzene	11.079	95	217460	48.992	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.980%
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	747	0.232	ug/l #	68
5) Bromomethane	1.612	94	909	Below Cal	#	69
6) Chloroethane	1.666	64	593	Below Cal	#	59
11) Tert butyl alcohol	2.959	59	85	Below Cal	#	72
16) Acetone	2.380	43	3244	2.114	ug/l	95
28) Bromochloromethane	5.105	49	1401	0.619	ug/l #	7
30) Chloroform	5.099	83	17298	2.971	ug/l	86
36) 1,1-Dichloropropene	5.556	75	21945	4.635	ug/l #	49
38) Carbon Tetrachloride	5.556	117	28734	6.031	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	2582	0.507	ug/l #	1
52) Toluene	8.720	92	2832	0.324	ug/l	97
67) Ethyl Benzene	10.195	91	9841	0.568	ug/l	99
68) m/p-Xylenes	10.305	106	13202	1.956	ug/l	98
69) o-Xylene	10.646	106	3500	0.527	ug/l	87
76) 1,2,3-Trichloropropane	11.079	75	114518	23.501	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.451	105	4112	0.313	ug/l	92
81) trans-1,4-Dichloro-2-b...	11.079	75	114518	68.552	ug/l #	15
84) 1,2,4-Trimethylbenzene	11.756	105	12735	0.966	ug/l	100
95) Naphthalene	13.780	128	7551	0.511	ug/l	99

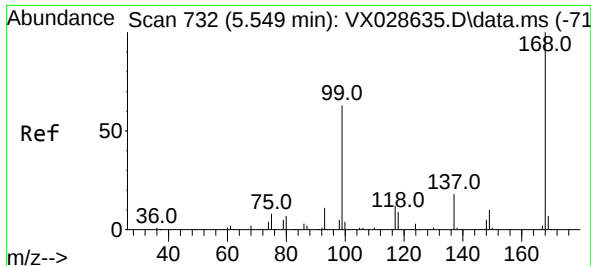
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu May 12 14:58:53 2022
Response via : Initial Calibration

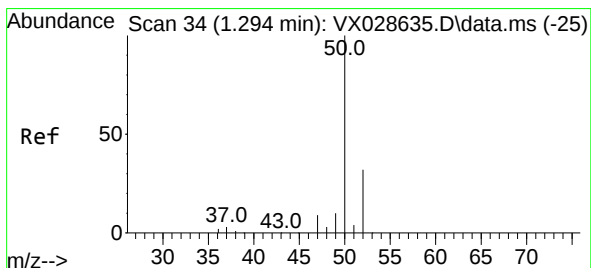
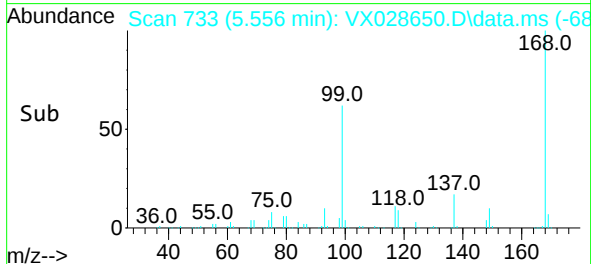
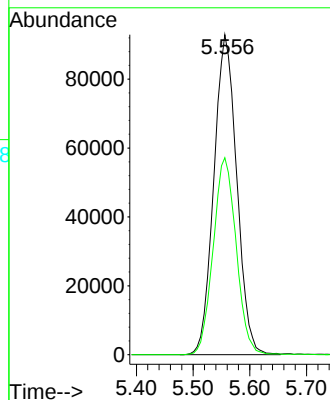
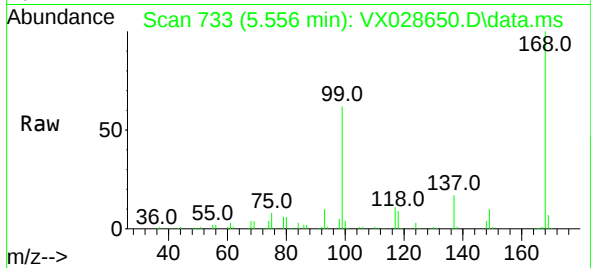




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028650.D
Acq: 12 May 2022 19:59

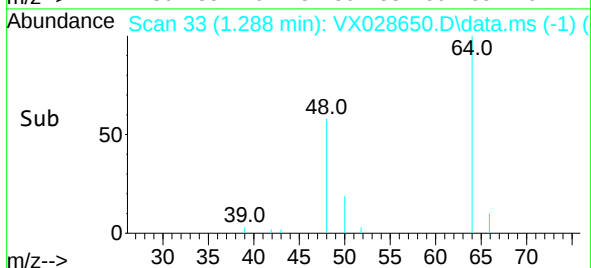
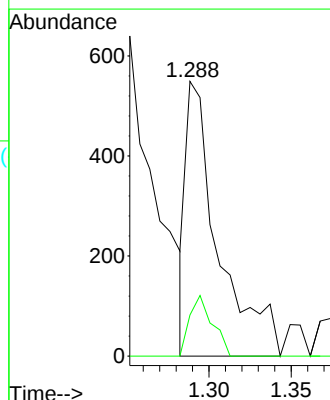
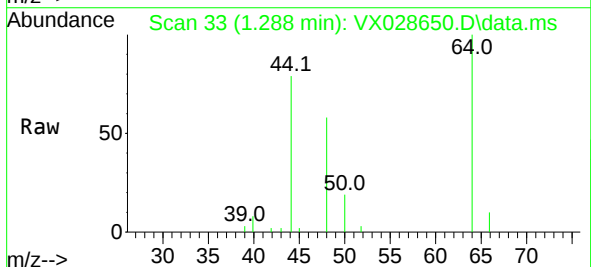
Instrument :
MSVOA_X
ClientSampleId :
MW-2E

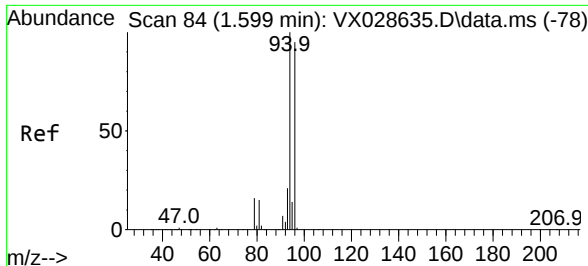
Tgt Ion:168 Resp: 260832
Ion Ratio Lower Upper
168 100
99 61.5 41.7 62.5



#3
Chloromethane
Concen: 0.232 ug/l
RT: 1.288 min Scan# 33
Delta R.T. -0.006 min
Lab File: VX028650.D
Acq: 12 May 2022 19:59

Tgt Ion: 50 Resp: 747
Ion Ratio Lower Upper
50 100
52 14.9 26.4 39.6#

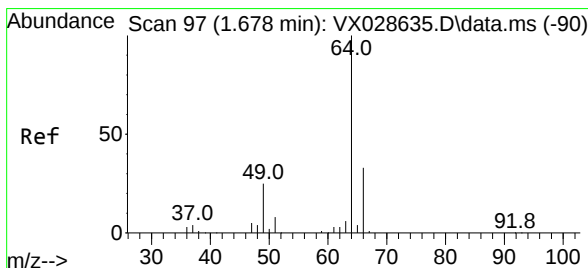
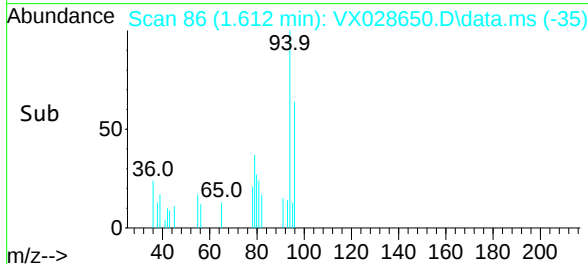
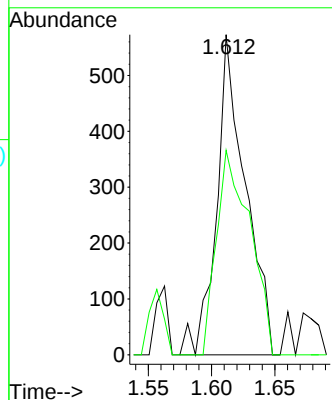
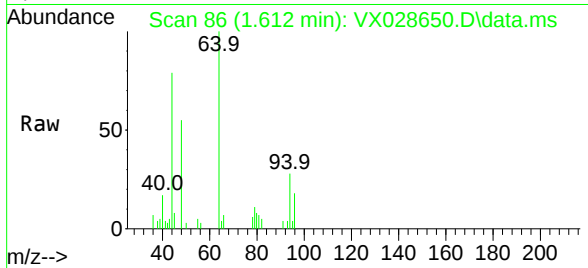




#5
Bromomethane
Concen: Below Cal
RT: 1.612 min Scan# 80
Delta R.T. 0.013 min
Lab File: VX028650.D
Acq: 12 May 2022 19:59

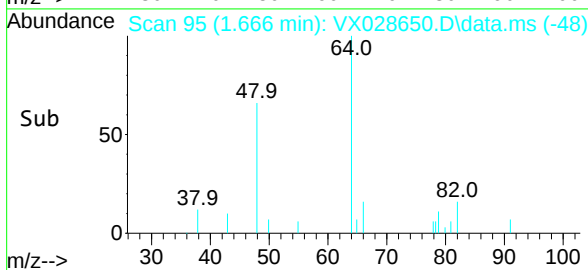
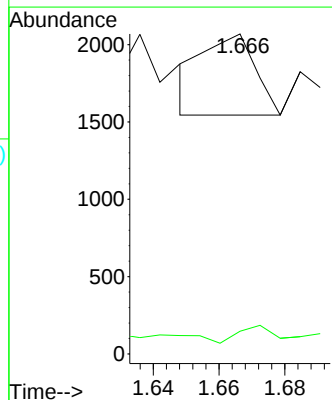
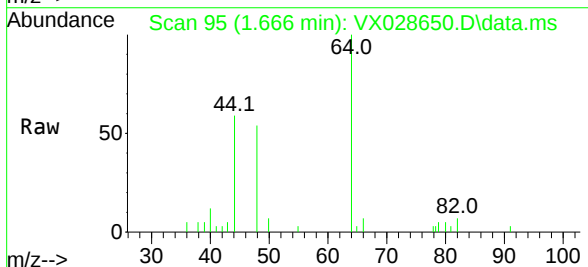
Instrument :
MSVOA_X
ClientSampleId :
MW-2E

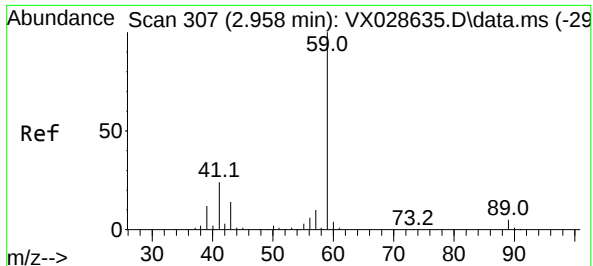
Tgt Ion: 94 Resp: 909
Ion Ratio Lower Upper
94 100
96 63.9 75.3 112.9#



#6
Chloroethane
Concen: Below Cal
RT: 1.666 min Scan# 95
Delta R.T. -0.012 min
Lab File: VX028650.D
Acq: 12 May 2022 19:59

Tgt Ion: 64 Resp: 593
Ion Ratio Lower Upper
64 100
66 8.8 25.3 37.9#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.959 min Scan# 307

Delta R.T. 0.001 min

Lab File: VX028650.D

Acq: 12 May 2022 19:59

Instrument :

MSVOA_X

ClientSampleId :

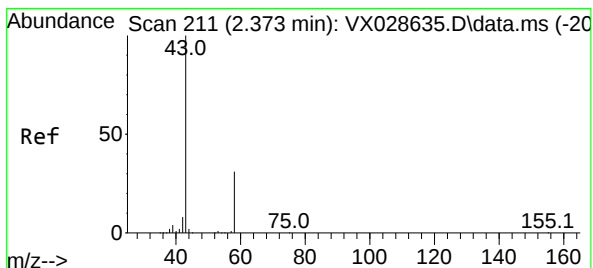
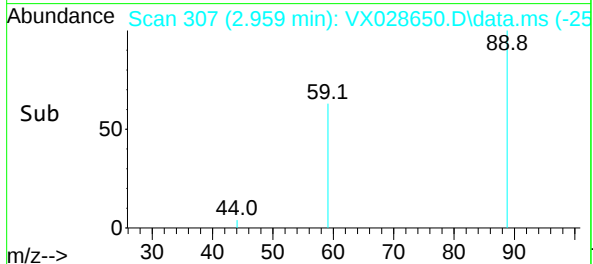
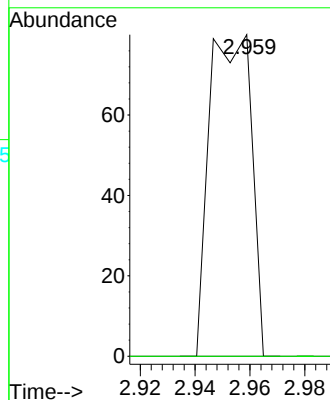
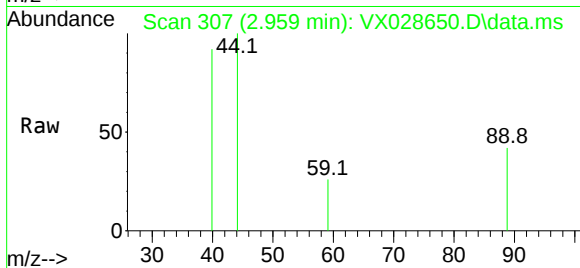
MW-2E

Tgt Ion: 59 Resp: 85

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#16

Acetone

Concen: 2.114 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.007 min

Lab File: VX028650.D

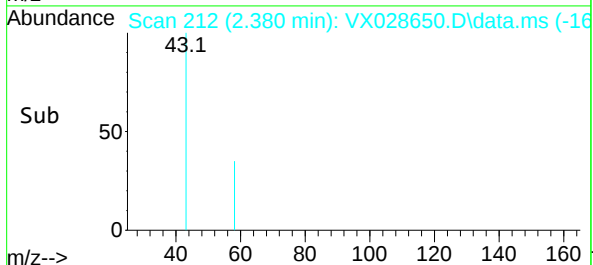
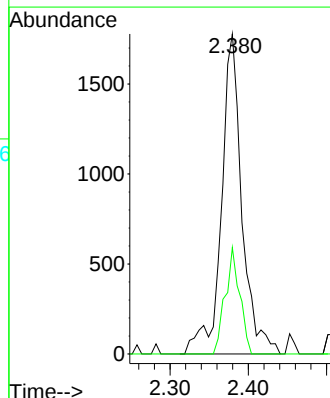
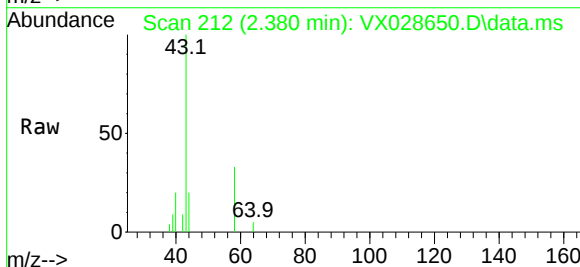
Acq: 12 May 2022 19:59

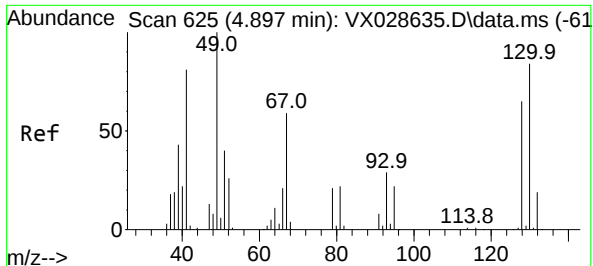
Tgt Ion: 43 Resp: 3244

Ion Ratio Lower Upper

43 100

58 33.2 28.8 43.2

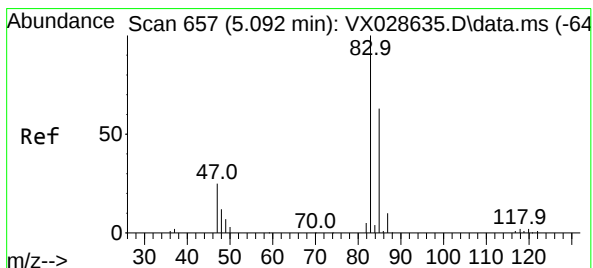
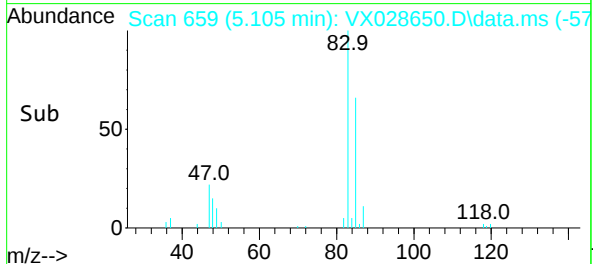
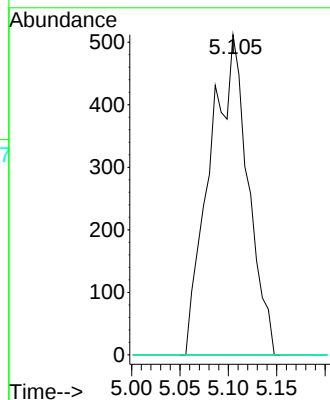
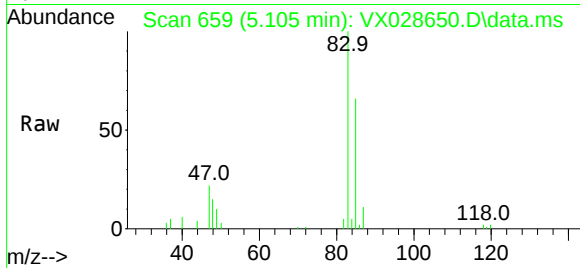




#28
Bromochloromethane
Concen: 0.619 ug/l
RT: 5.105 min Scan# 61
Delta R.T. 0.208 min
Lab File: VX028650.D
Acq: 12 May 2022 19:59

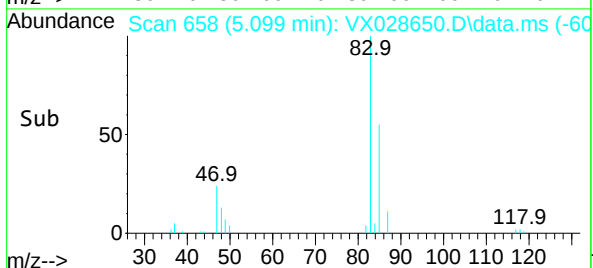
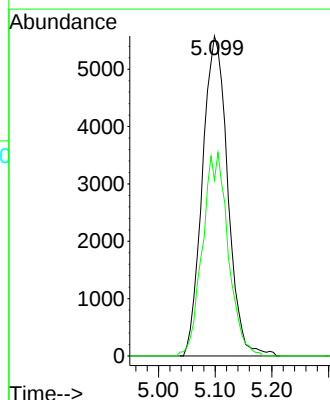
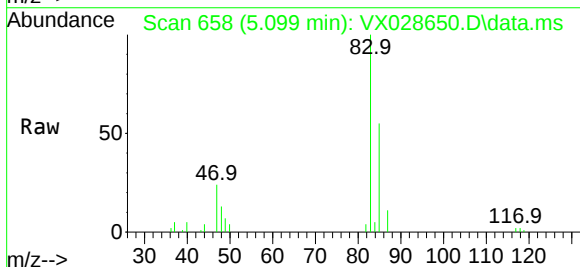
Instrument :
MSVOA_X
ClientSampleId :
MW-2E

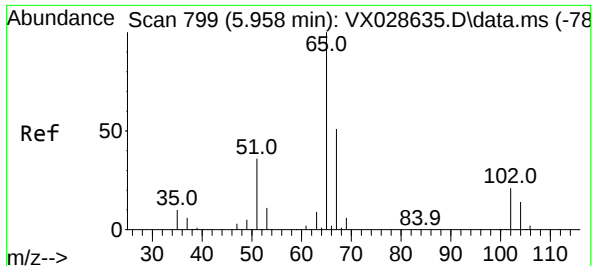
Tgt Ion: 49 Resp: 1401
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.4
130 0.0 70.7 106.1#



#30
Chloroform
Concen: 2.971 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.007 min
Lab File: VX028650.D
Acq: 12 May 2022 19:59

Tgt Ion: 83 Resp: 17298
Ion Ratio Lower Upper
83 100
85 55.0 52.7 79.1





#33

1,2-Dichloroethane-d4

Concen: 51.911 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028650.D

Acq: 12 May 2022 19:59

Instrument :

MSVOA_X

ClientSampleId :

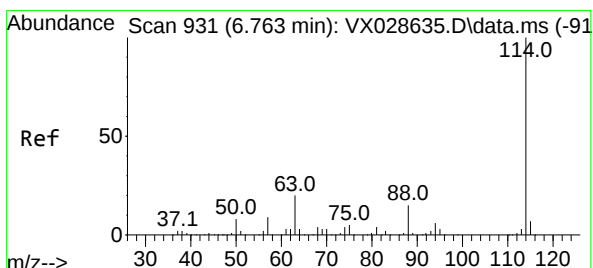
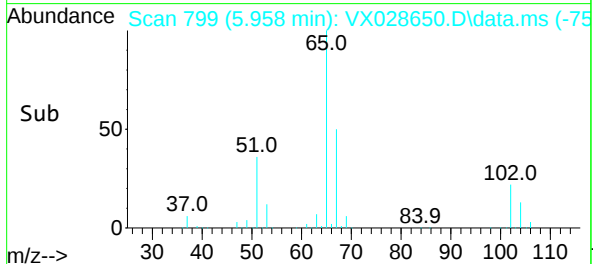
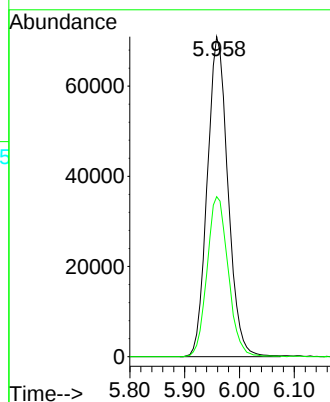
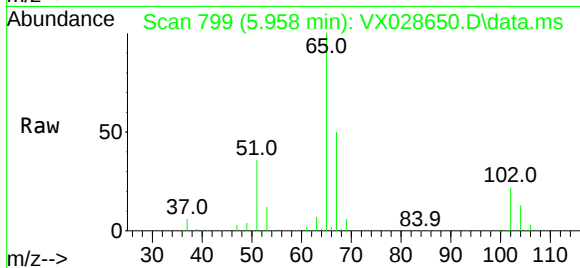
MW-2E

Tgt Ion: 65 Resp: 185601

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: VX028650.D

Acq: 12 May 2022 19:59

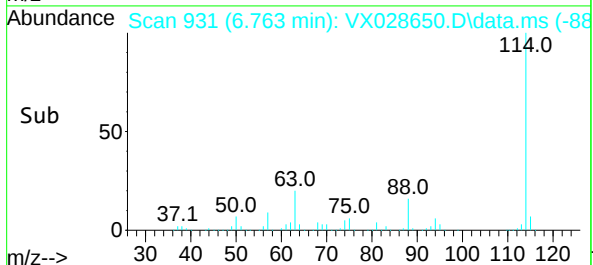
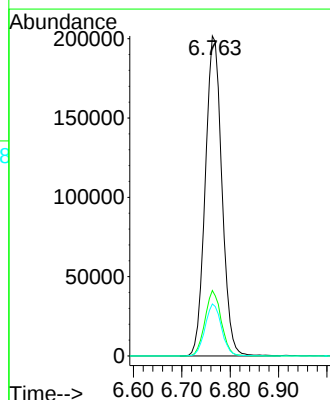
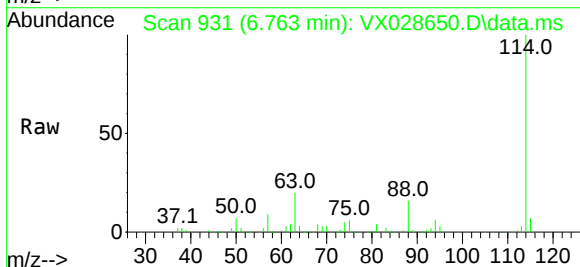
Tgt Ion: 114 Resp: 481095

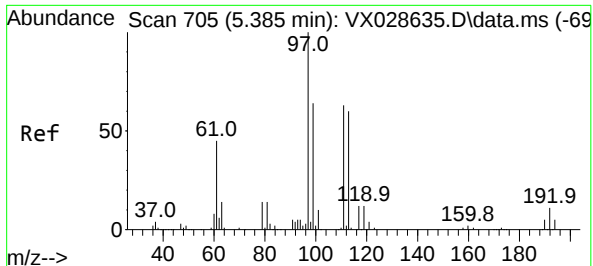
Ion Ratio Lower Upper

114 100

63 20.5 0.0 36.8

88 16.3 0.0 32.4





#35

Dibromofluoromethane

Concen: 49.798 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX028650.D

Acq: 12 May 2022 19:59

Instrument :

MSVOA_X

ClientSampleId :

MW-2E

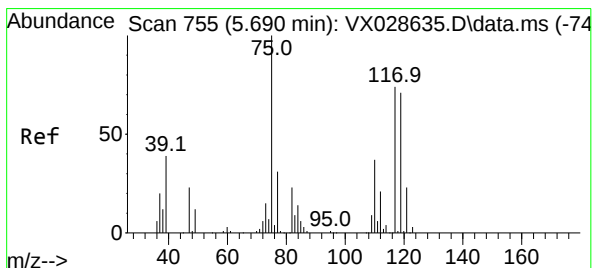
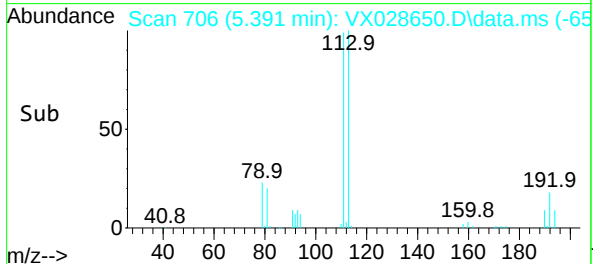
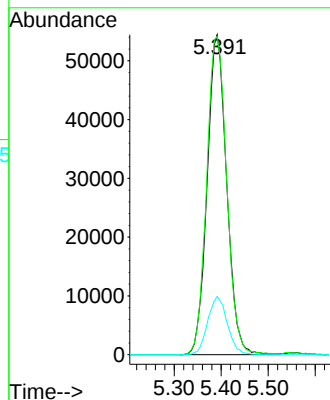
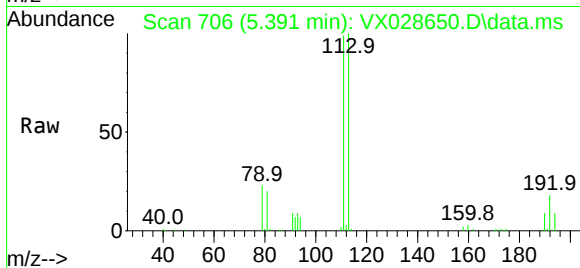
Tgt Ion:113 Resp: 156968

Ion Ratio Lower Upper

113 100

111 102.4 82.8 124.2

192 18.3 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.635 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.134 min

Lab File: VX028650.D

Acq: 12 May 2022 19:59

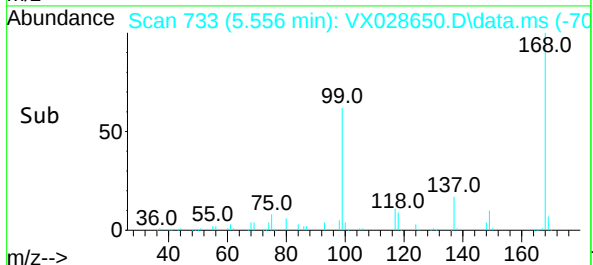
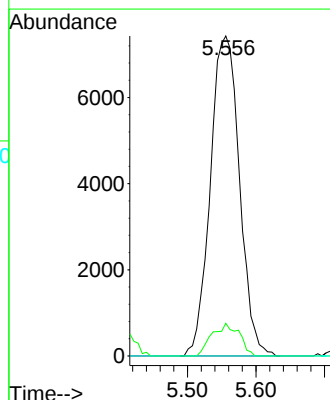
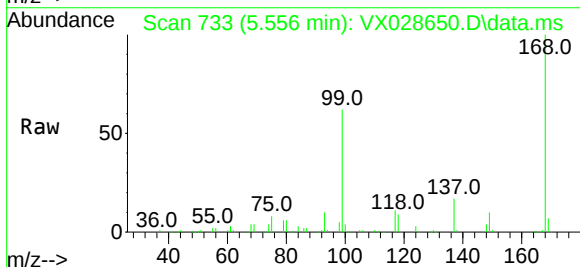
Tgt Ion: 75 Resp: 21945

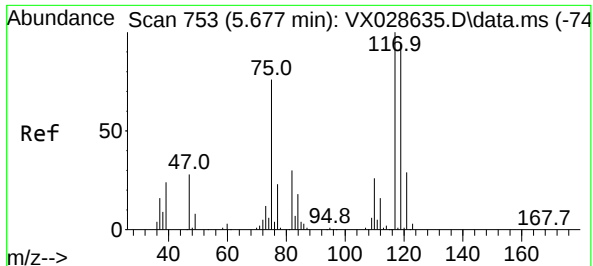
Ion Ratio Lower Upper

75 100

110 9.5 18.3 54.8#

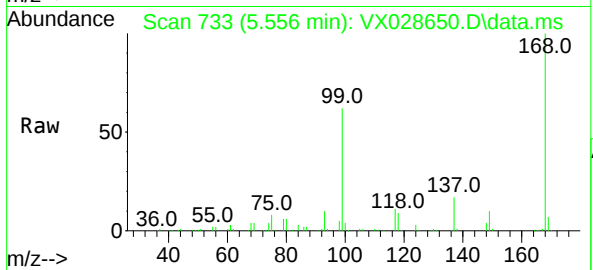
77 0.0 24.8 37.2#



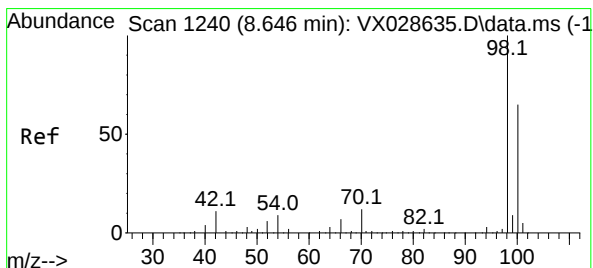
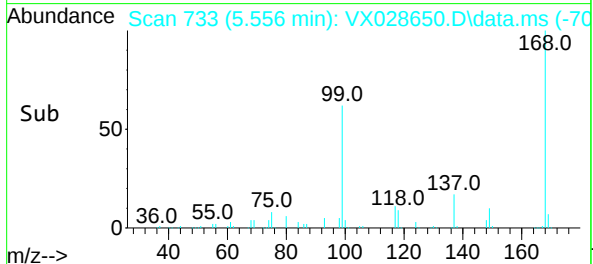
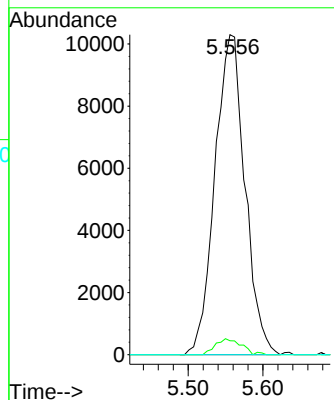


#38
Carbon Tetrachloride
Concen: 6.031 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.121 min
Lab File: VX028650.D
Acq: 12 May 2022 19:59

Instrument :
MSVOA_X
ClientSampleId :
MW-2E

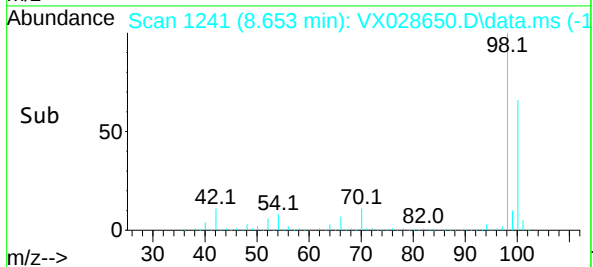
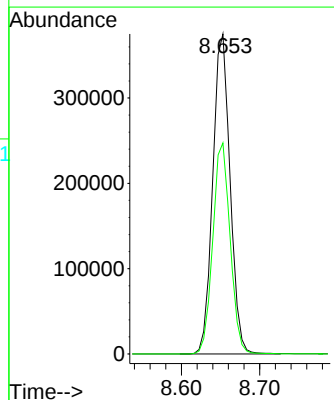
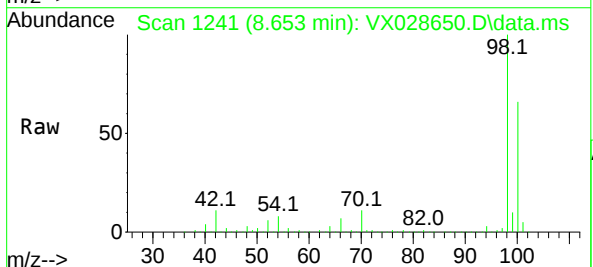


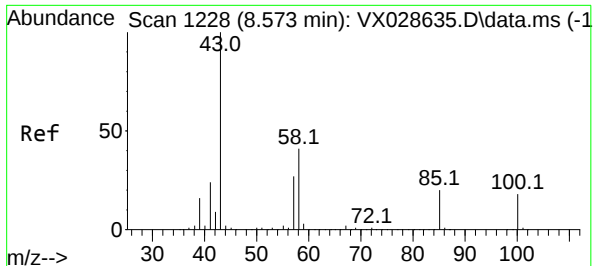
Tgt Ion:117 Resp: 28734
Ion Ratio Lower Upper
117 100
119 4.4 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 48.367 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX028650.D
Acq: 12 May 2022 19:59

Tgt Ion: 98 Resp: 574783
Ion Ratio Lower Upper
98 100
100 66.4 52.6 78.8

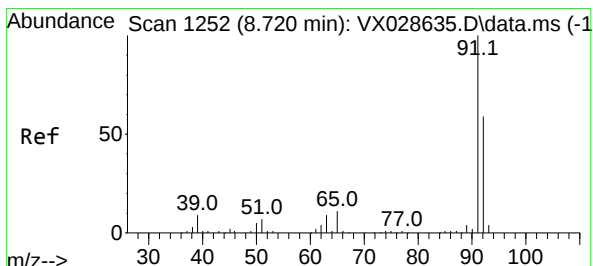
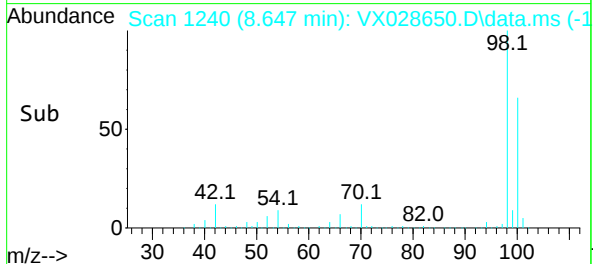
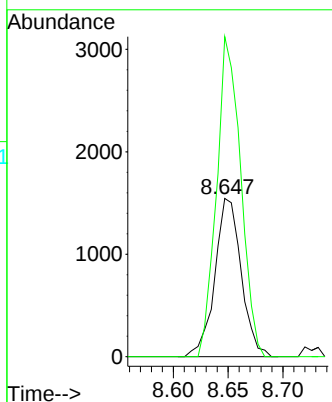
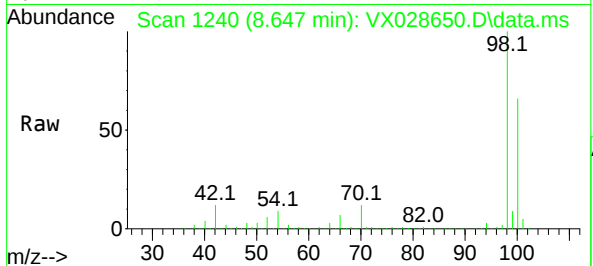




#51
 4-Methyl-2-Pentanone
 Concen: 0.507 ug/l
 RT: 8.647 min Scan# 11
 Delta R.T. 0.074 min
 Lab File: VX028650.D
 Acq: 12 May 2022 19:59

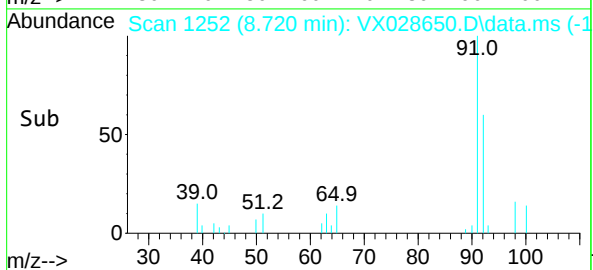
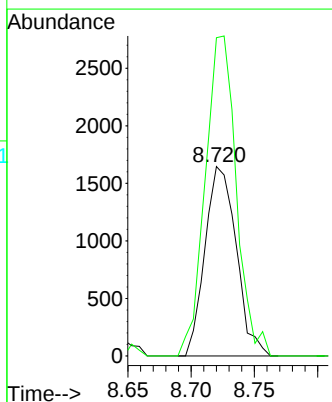
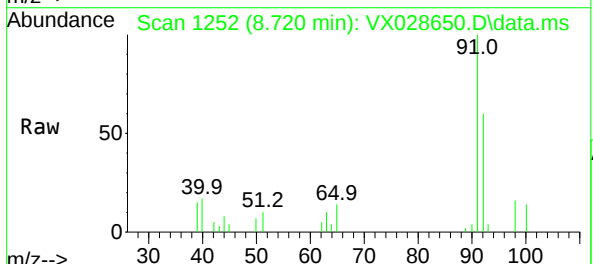
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2E

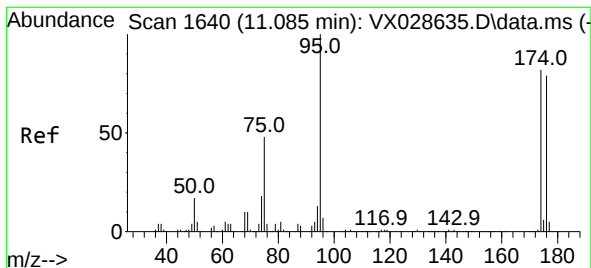
Tgt Ion: 43 Resp: 2582
 Ion Ratio Lower Upper
 43 100
 58 184.9 36.1 54.1#



#52
 Toluene
 Concen: 0.324 ug/l
 RT: 8.720 min Scan# 1252
 Delta R.T. -0.000 min
 Lab File: VX028650.D
 Acq: 12 May 2022 19:59

Tgt Ion: 92 Resp: 2832
 Ion Ratio Lower Upper
 92 100
 91 167.8 137.5 206.3

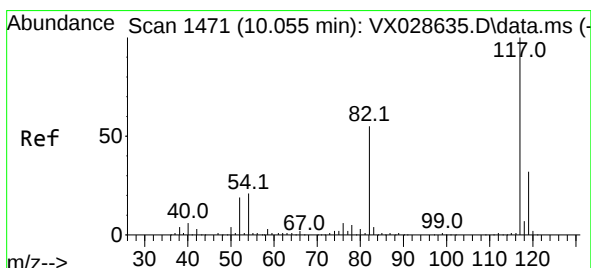
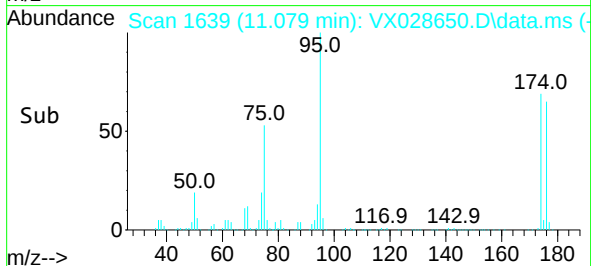
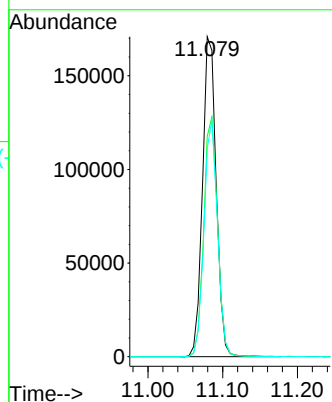
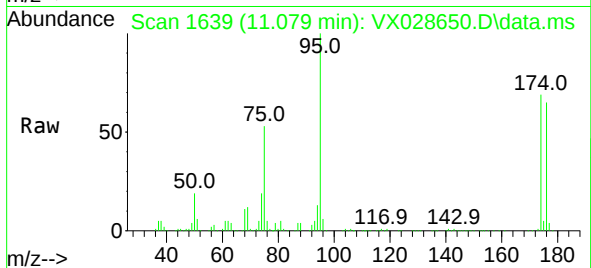




#62
4-Bromofluorobenzene
Concen: 48.992 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028650.D
Acq: 12 May 2022 19:59

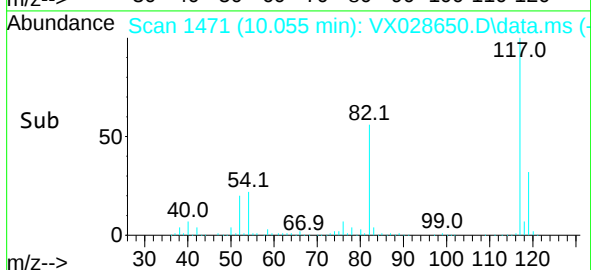
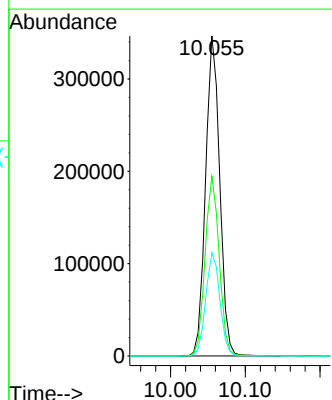
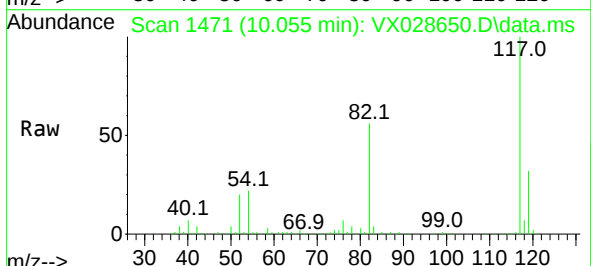
Instrument :
MSVOA_X
ClientSampleId :
MW-2E

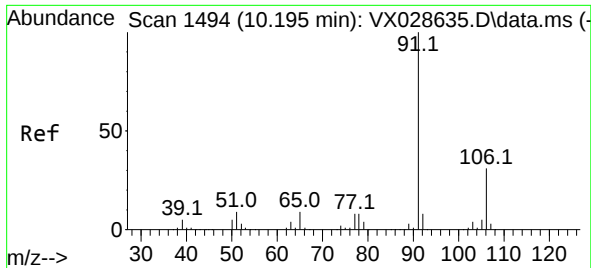
Tgt Ion: 95 Resp: 217460
Ion Ratio Lower Upper
95 100
174 75.5 0.0 163.0
176 73.0 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028650.D
Acq: 12 May 2022 19:59

Tgt Ion: 117 Resp: 455979
Ion Ratio Lower Upper
117 100
82 56.2 41.8 62.8
119 32.3 24.8 37.2

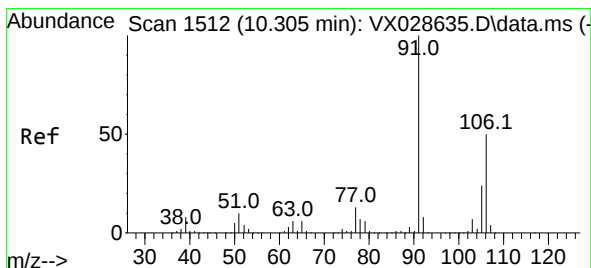
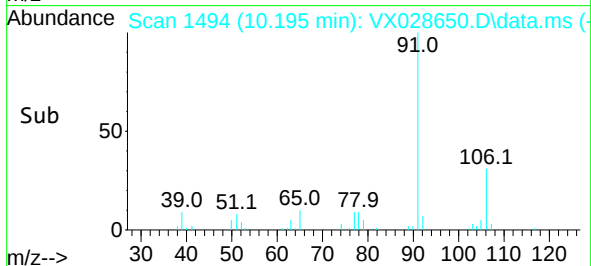
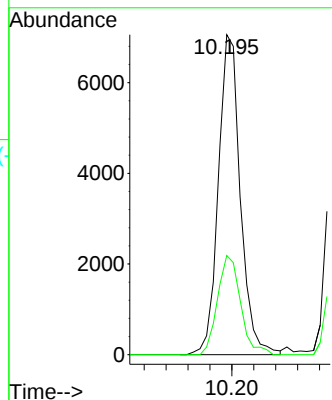
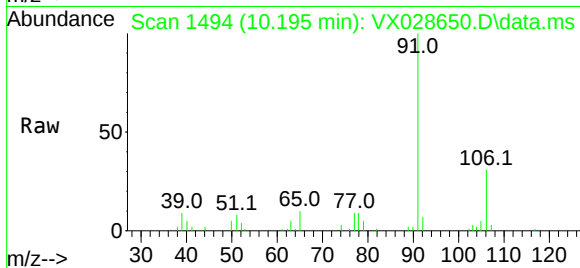




#67
Ethyl Benzene
Concen: 0.568 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX028650.D
Acq: 12 May 2022 19:59

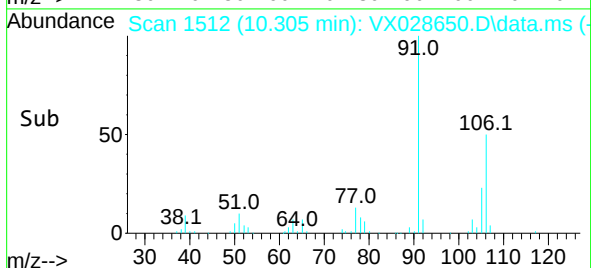
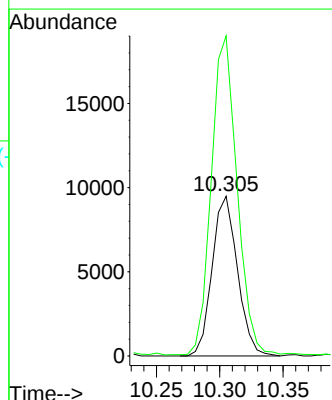
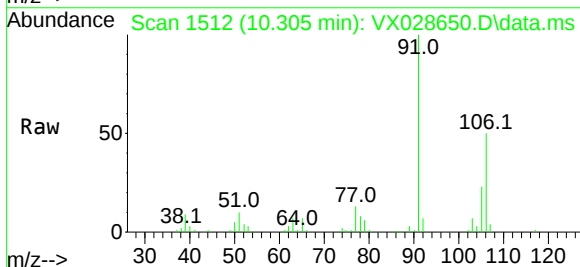
Instrument :
MSVOA_X
ClientSampleId :
MW-2E

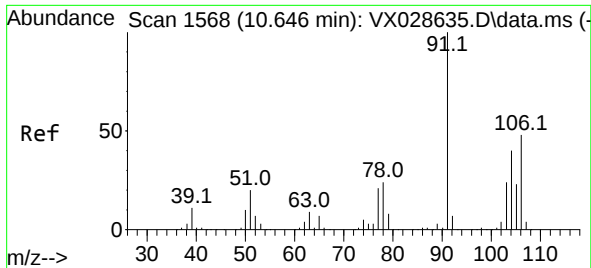
Tgt Ion: 91 Resp: 9841
Ion Ratio Lower Upper
91 100
106 31.0 24.6 36.8



#68
m/p-Xylenes
Concen: 1.956 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX028650.D
Acq: 12 May 2022 19:59

Tgt Ion: 106 Resp: 13202
Ion Ratio Lower Upper
106 100
91 203.1 160.4 240.6

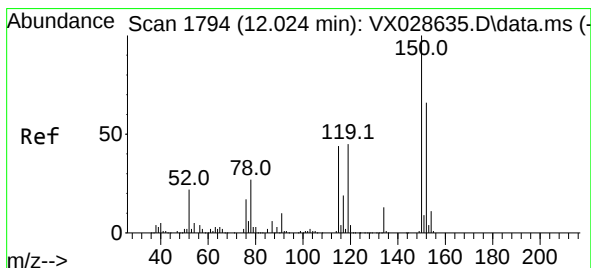
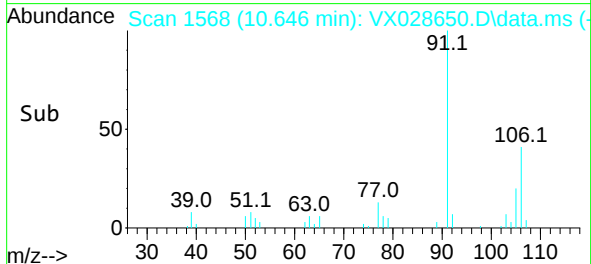
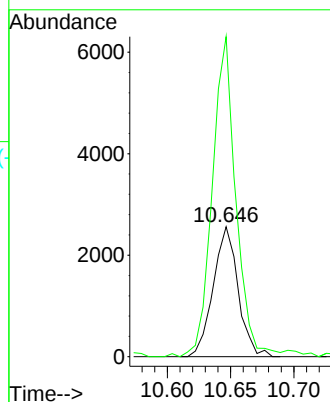
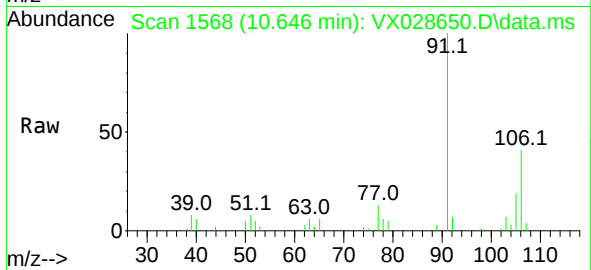




#69
o-Xylene
Concen: 0.527 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028650.D
Acq: 12 May 2022 19:59

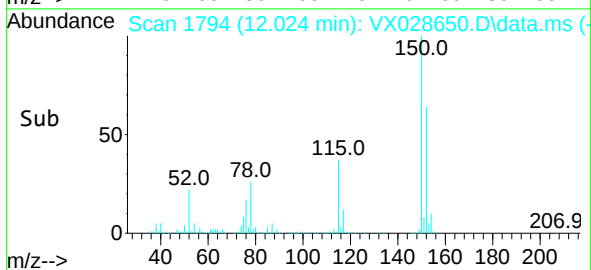
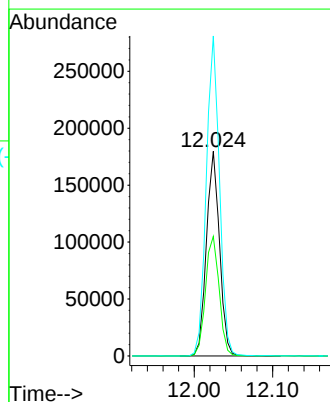
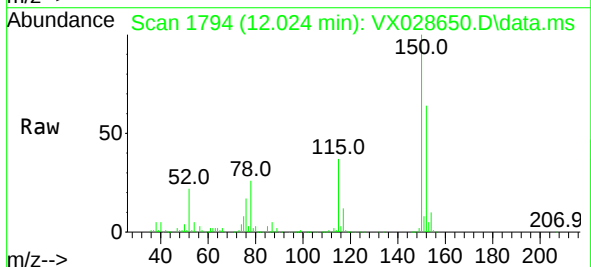
Instrument :
MSVOA_X
ClientSampleId :
MW-2E

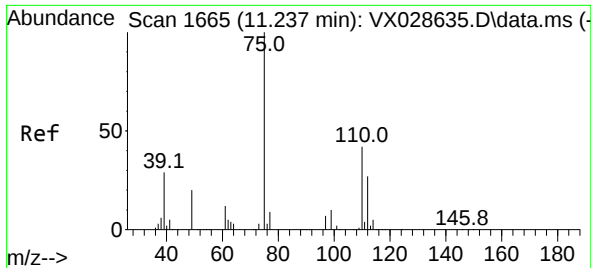
Tgt Ion:106 Resp: 3500
Ion Ratio Lower Upper
106 100
91 233.1 106.1 318.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028650.D
Acq: 12 May 2022 19:59

Tgt Ion:152 Resp: 208075
Ion Ratio Lower Upper
152 100
115 60.9 37.5 112.7
150 157.1 0.0 338.2

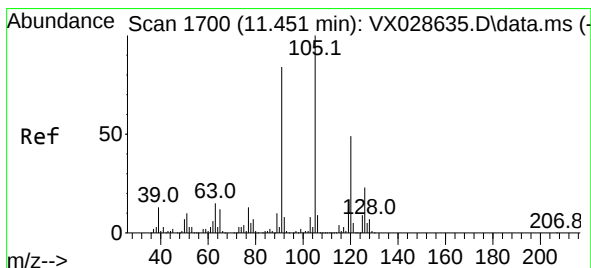
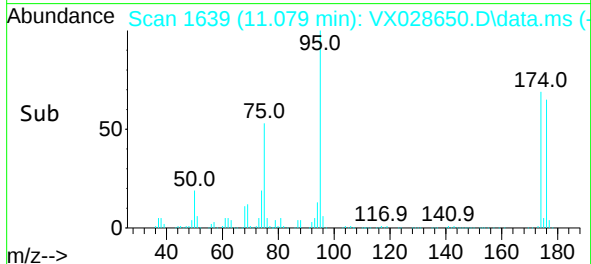
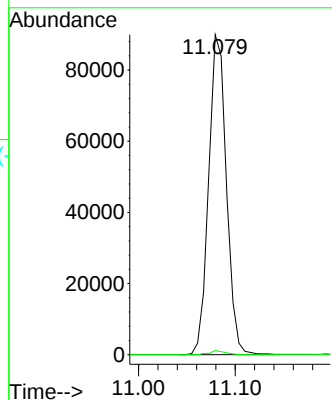
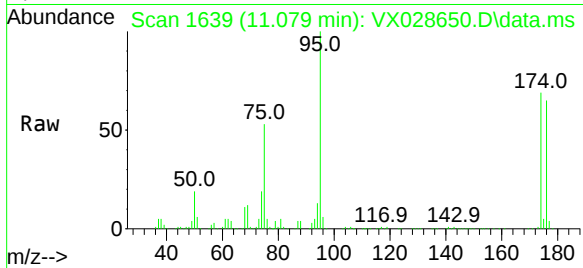




#76
1,2,3-Trichloropropane
Concen: 23.501 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.158 min
Lab File: VX028650.D
Acq: 12 May 2022 19:59

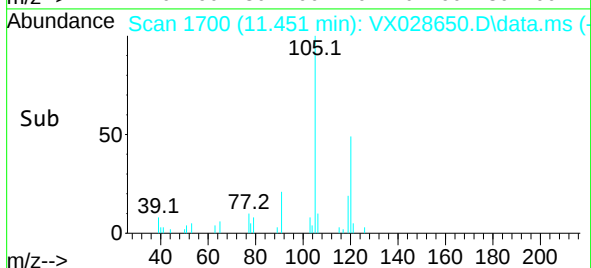
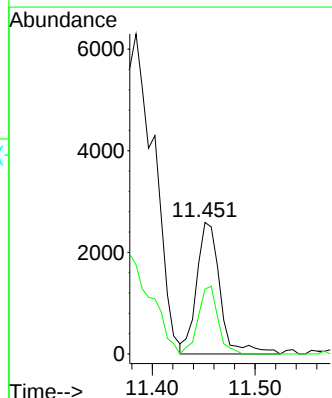
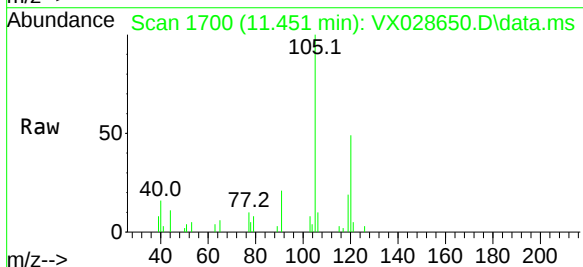
Instrument :
MSVOA_X
ClientSampleId :
MW-2E

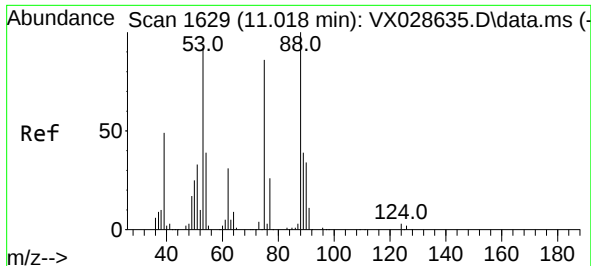
Tgt Ion: 75 Resp: 114518
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#



#80
1,3,5-Trimethylbenzene
Concen: 0.313 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX028650.D
Acq: 12 May 2022 19:59

Tgt Ion: 105 Resp: 4112
Ion Ratio Lower Upper
105 100
120 43.2 24.3 72.9

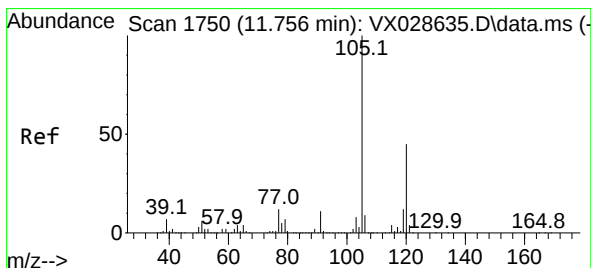
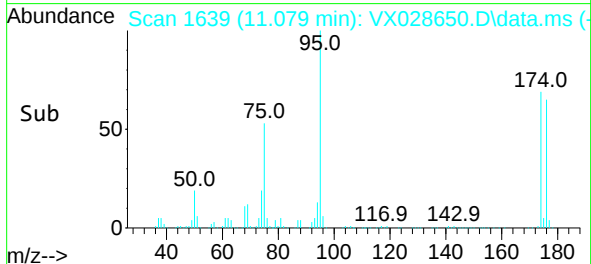
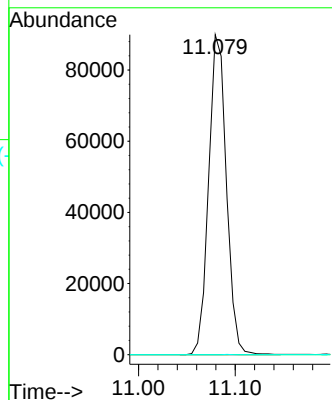
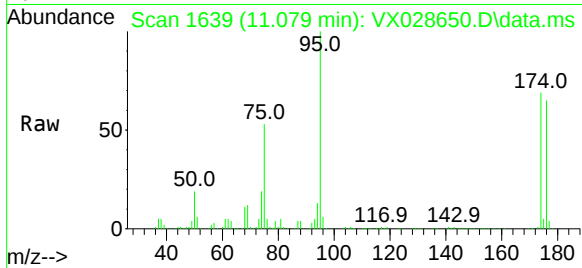




#81
trans-1,4-Dichloro-2-butene
Concen: 68.552 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028650.D
Acq: 12 May 2022 19:59

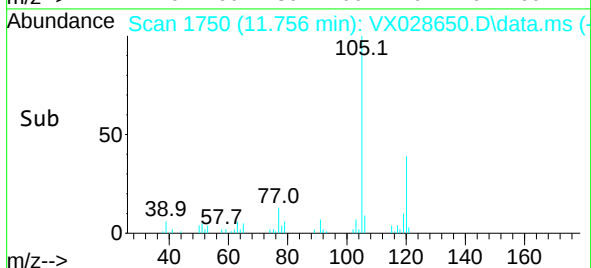
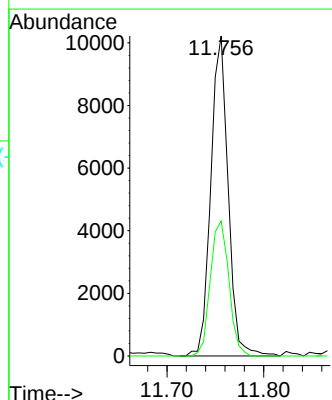
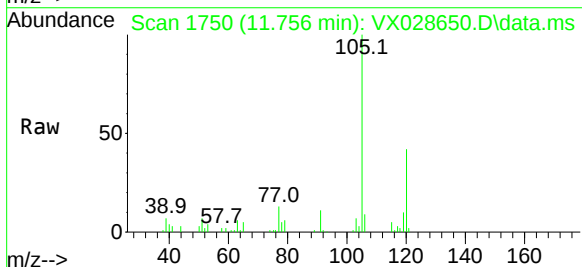
Instrument :
MSVOA_X
ClientSampleId :
MW-2E

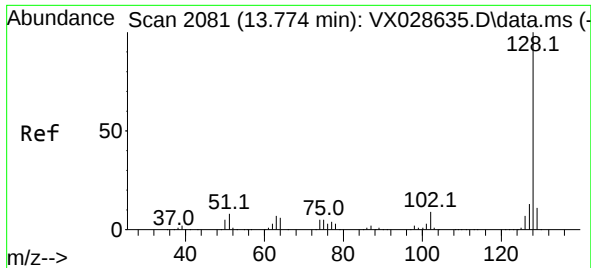
Tgt Ion: 75 Resp: 114518
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#



#84
1,2,4-Trimethylbenzene
Concen: 0.966 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX028650.D
Acq: 12 May 2022 19:59

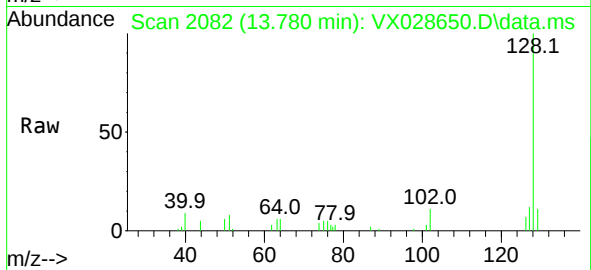
Tgt Ion: 105 Resp: 12735
Ion Ratio Lower Upper
105 100
120 45.0 22.6 67.8





#95
Naphthalene
Concen: 0.511 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX028650.D
Acq: 12 May 2022 19:59

Instrument :
MSVOA_X
ClientSampleId :
MW-2E



Tgt Ion:	128	Resp:	7551
Ion	Ratio	Lower	Upper
128	100		
127	12.2	10.2	15.4
129	11.3	8.7	13.1

