

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052522\
 Data File : VX028960.D
 Acq On : 25 May 2022 18:57
 Operator : JC/MD
 Sample : N2981-24
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TGMP-2

Quant Time: May 26 05:46:44 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)

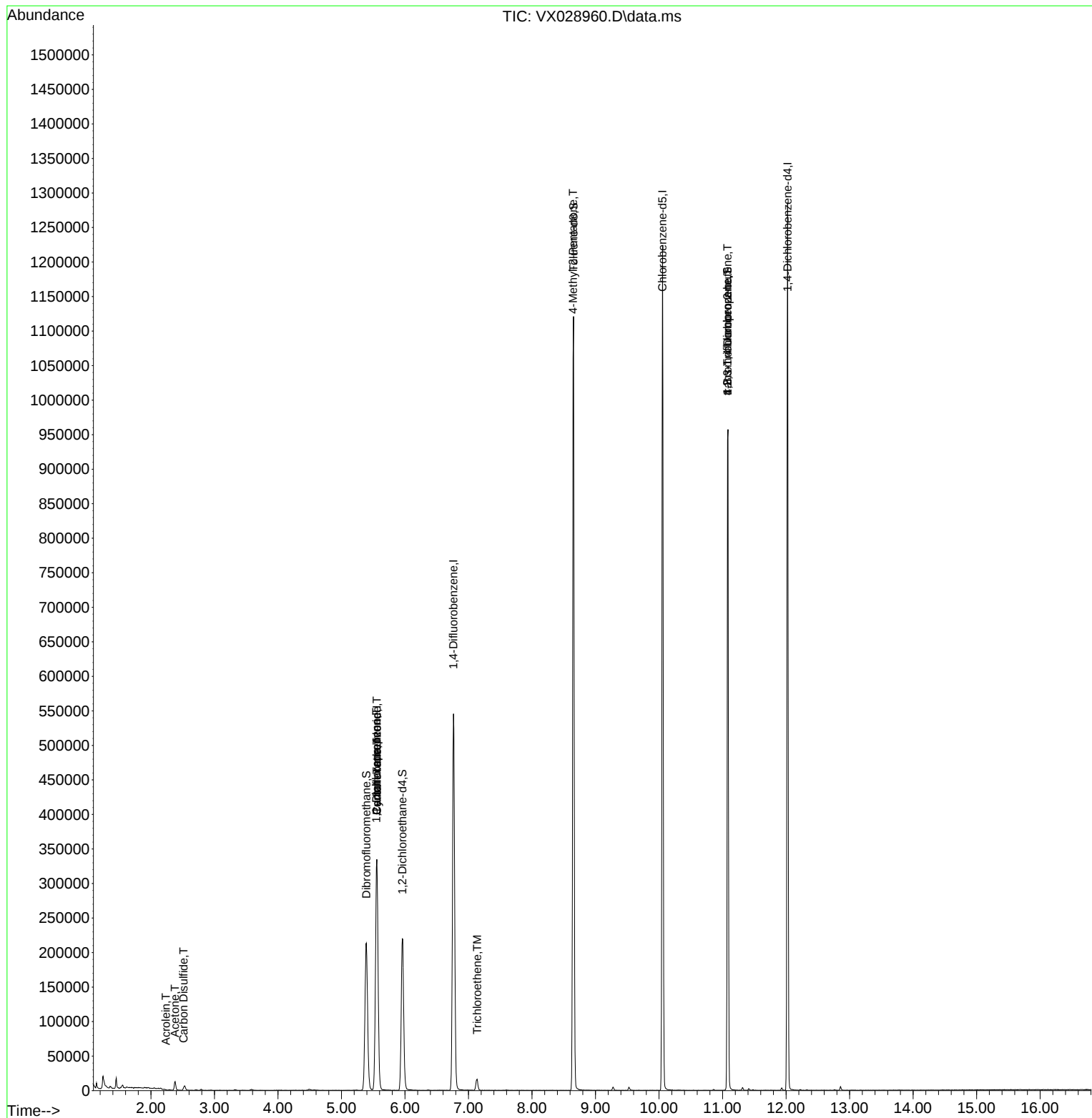
Internal Standards						
1) Pentafluorobenzene	5.556	168	313373	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	562724	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	548690	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	261097	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	219614	51.125	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 102.260%	
35) Dibromofluoromethane	5.391	113	190440	51.653	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 103.300%	
50) Toluene-d8	8.653	98	673485	48.451	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 96.900%	
62) 4-Bromofluorobenzene	11.079	95	268186	51.655	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 103.320%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	706	Below Cal		86
6) Chloroethane	1.630	64	1390	Below Cal	#	43
11) Tert butyl alcohol	2.947	59	187	Below Cal	#	72
13) Acrolein	2.233	56	235	0.333	ug/l	98
16) Acetone	2.380	43	13564	7.357	ug/l	99
17) Carbon Disulfide	2.514	76	2681	0.319	ug/l	# 94
31) Cyclohexane	5.556	56	6335	1.062	ug/l	# 20
36) 1,1-Dichloropropene	5.550	75	24180	4.366	ug/l	# 50
38) Carbon Tetrachloride	5.556	117	32995	5.921	ug/l	# 14
44) Trichloroethene	7.135	130	6783	1.571	ug/l	86
51) 4-Methyl-2-Pentanone	8.647	43	2817	0.473	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	135664	22.187	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	135664	64.935	ug/l	# 15

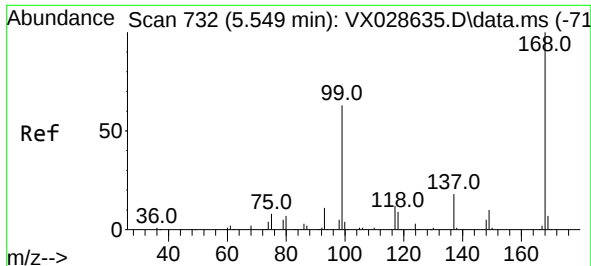
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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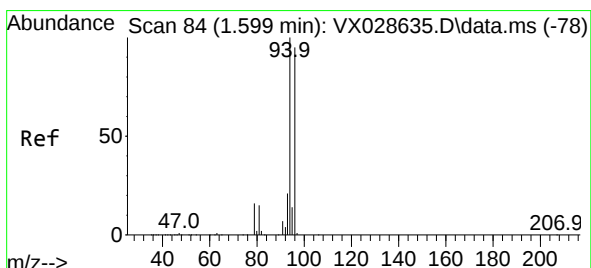
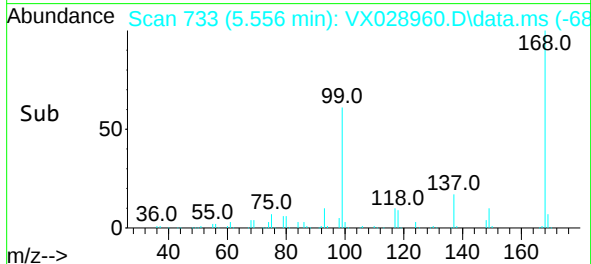
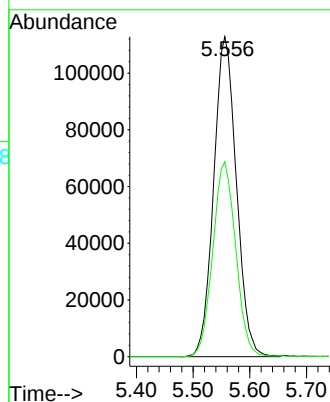
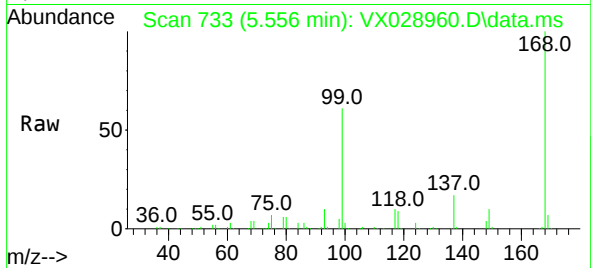




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028960.D
Acq: 25 May 2022 18:57

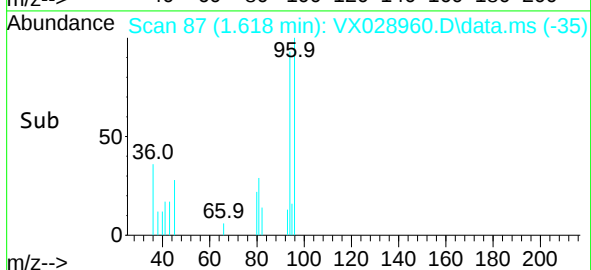
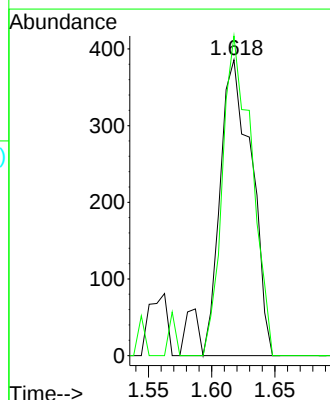
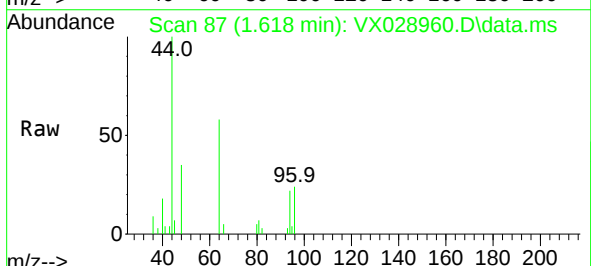
Instrument :
MSVOA_X
ClientSampleId :
TGMP-2

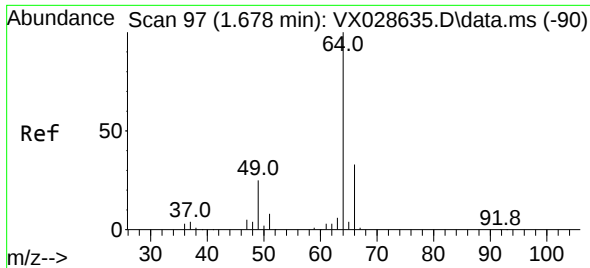
Tgt Ion:168 Resp: 313373
Ion Ratio Lower Upper
168 100
99 60.9 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX028960.D
Acq: 25 May 2022 18:57

Tgt Ion: 94 Resp: 706
Ion Ratio Lower Upper
94 100
96 108.0 75.3 112.9

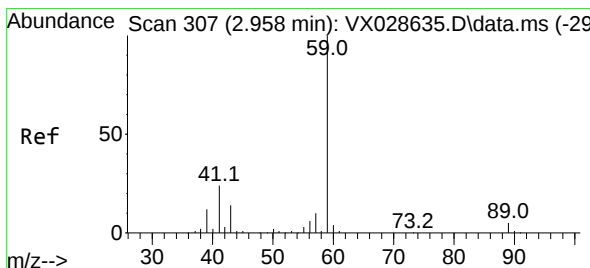
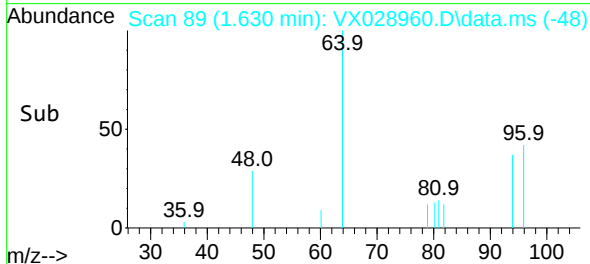
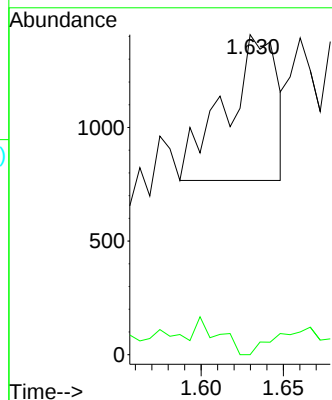
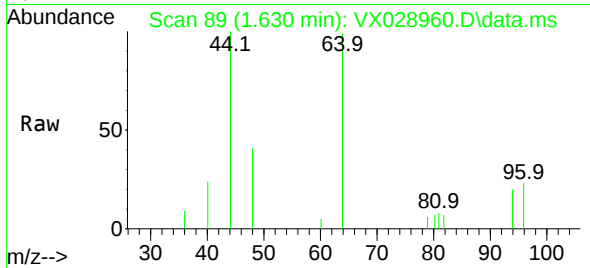




#6
Chloroethane
Concen: Below Cal
RT: 1.630 min Scan# 89
Delta R.T. -0.048 min
Lab File: VX028960.D
Acq: 25 May 2022 18:57

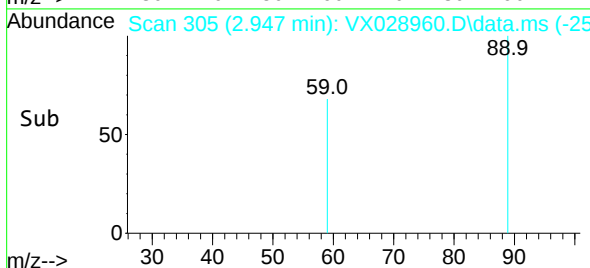
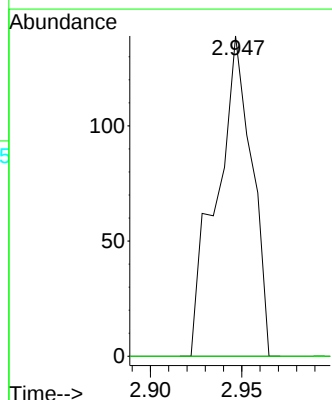
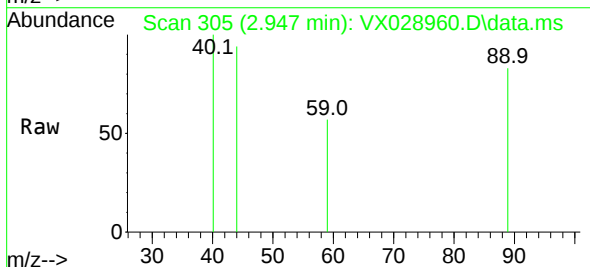
Instrument :
MSVOA_X
ClientSampleId :
TGMP-2

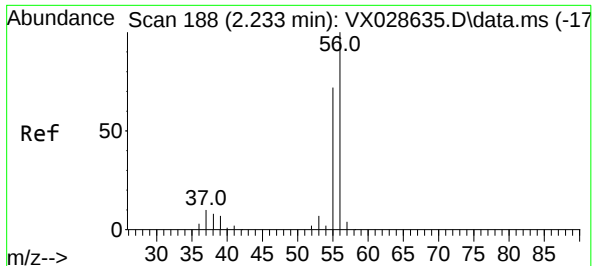
Tgt Ion: 64 Resp: 1390
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 305
Delta R.T. -0.011 min
Lab File: VX028960.D
Acq: 25 May 2022 18:57

Tgt Ion: 59 Resp: 187
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

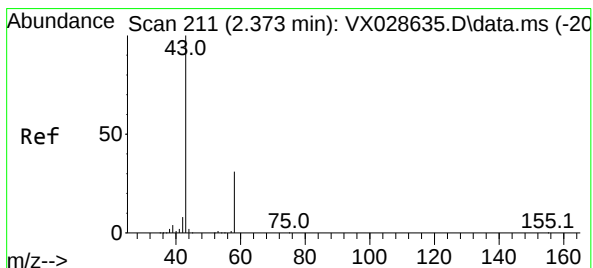
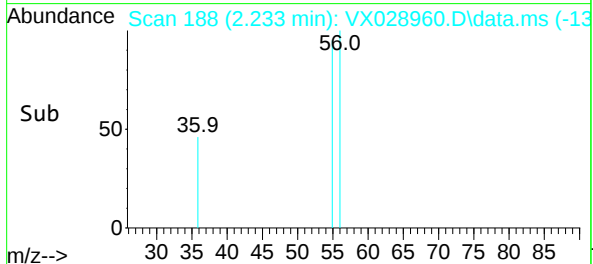
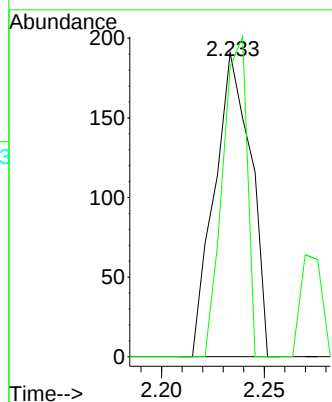
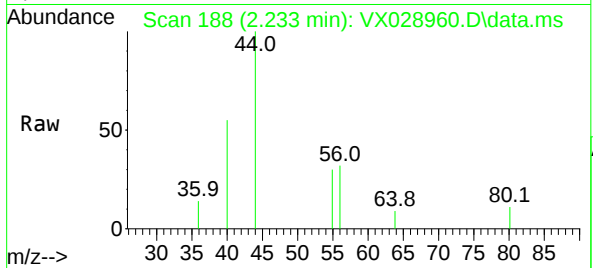




#13
Acrolein
Concen: 0.333 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028960.D
Acq: 25 May 2022 18:57

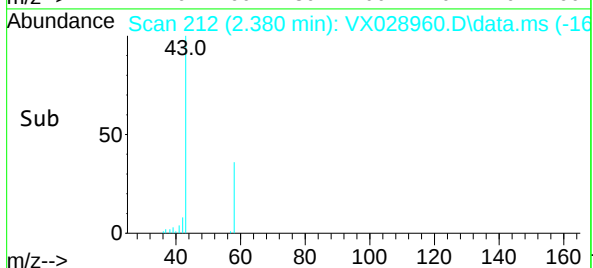
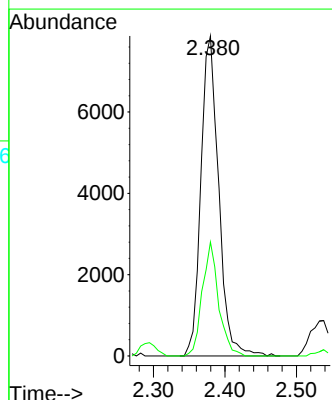
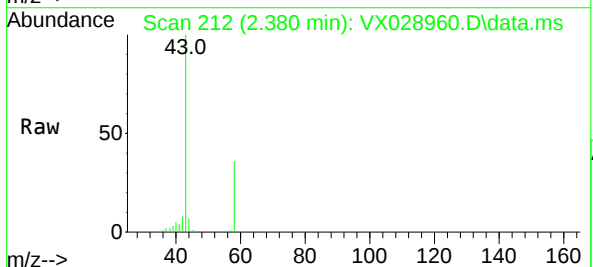
Instrument :
MSVOA_X
ClientSampleId :
TGMP-2

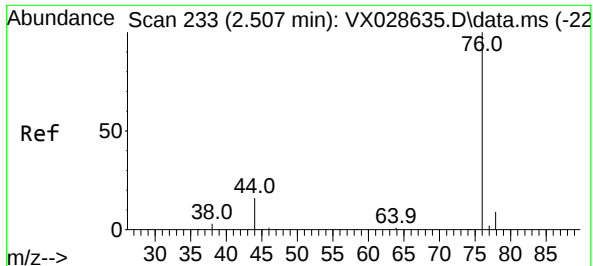
Tgt Ion: 56 Resp: 235
Ion Ratio Lower Upper
56 100
55 70.6 55.0 82.6



#16
Acetone
Concen: 7.357 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.007 min
Lab File: VX028960.D
Acq: 25 May 2022 18:57

Tgt Ion: 43 Resp: 13564
Ion Ratio Lower Upper
43 100
58 35.6 28.8 43.2

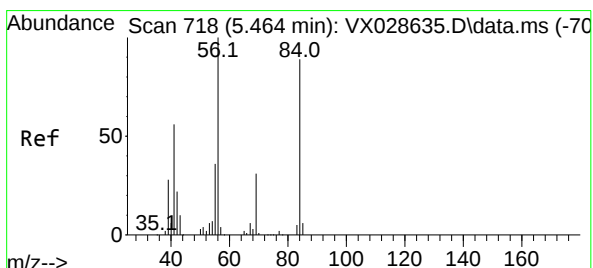
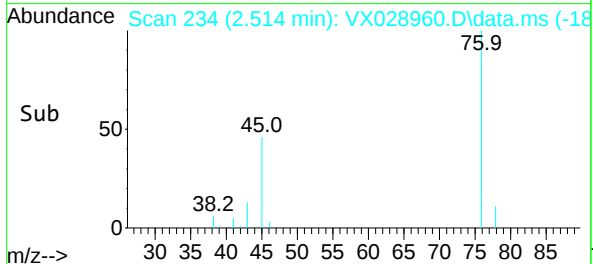
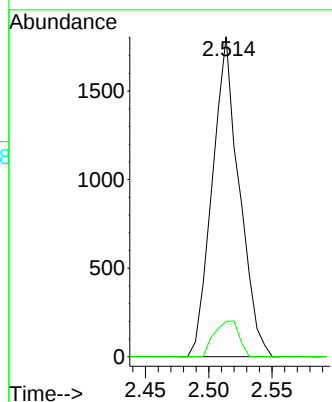
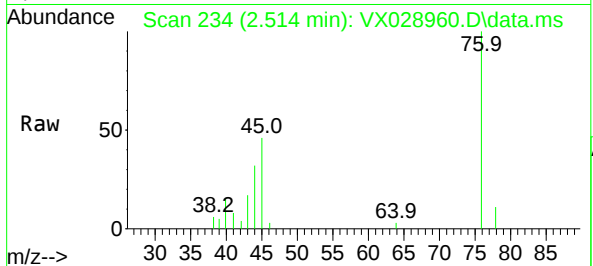




#17
Carbon Disulfide
Concen: 0.319 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.007 min
Lab File: VX028960.D
Acq: 25 May 2022 18:57

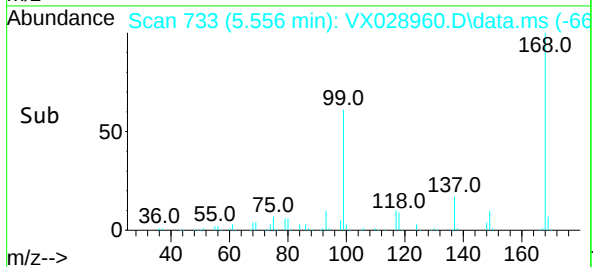
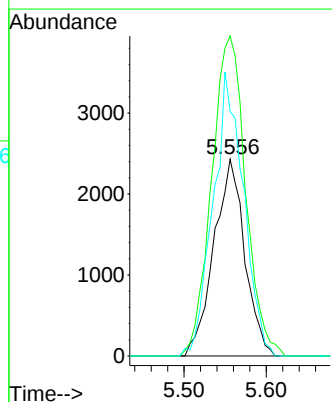
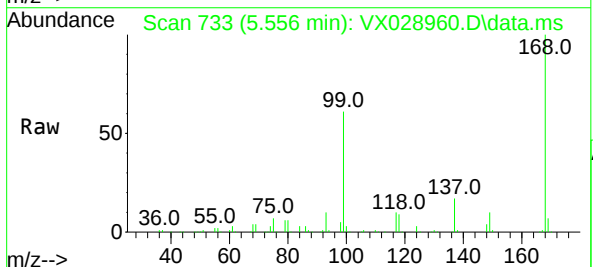
Instrument :
MSVOA_X
ClientSampleId :
TGMP-2

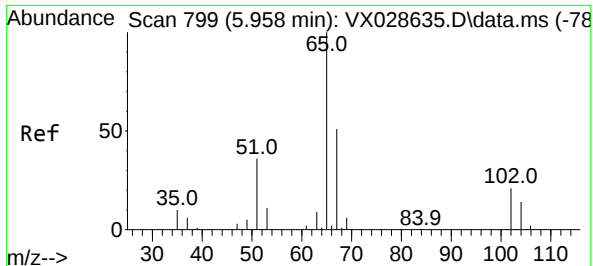
Tgt Ion: 76 Resp: 2681
Ion Ratio Lower Upper
76 100
78 11.1 7.2 10.8#



#31
Cyclohexane
Concen: 1.062 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.092 min
Lab File: VX028960.D
Acq: 25 May 2022 18:57

Tgt Ion: 56 Resp: 6335
Ion Ratio Lower Upper
56 100
69 162.7 26.7 40.1#
84 124.5 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 51.125 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028960.D

Acq: 25 May 2022 18:57

Instrument :

MSVOA_X

ClientSampleId :

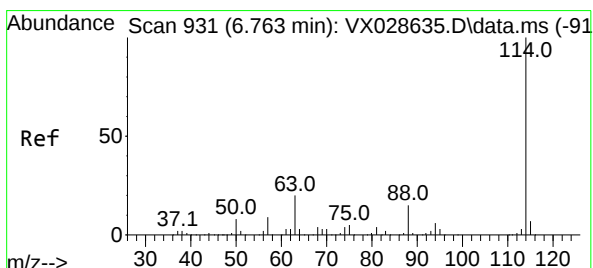
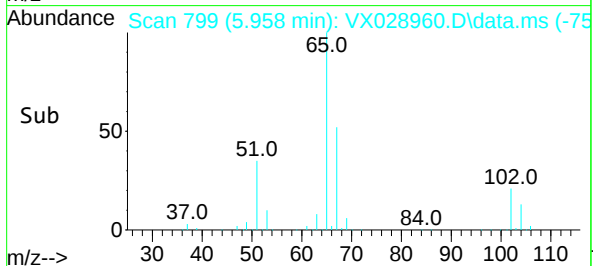
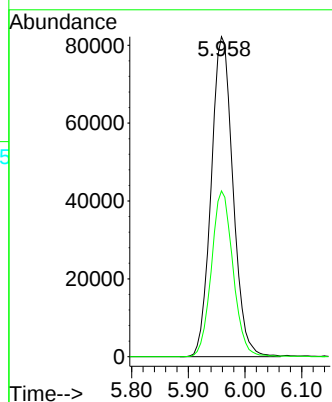
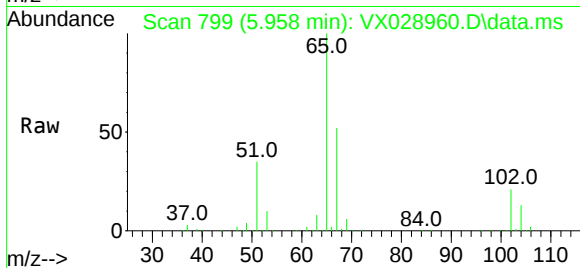
TGMP-2

Tgt Ion: 65 Resp: 219614

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: VX028960.D

Acq: 25 May 2022 18:57

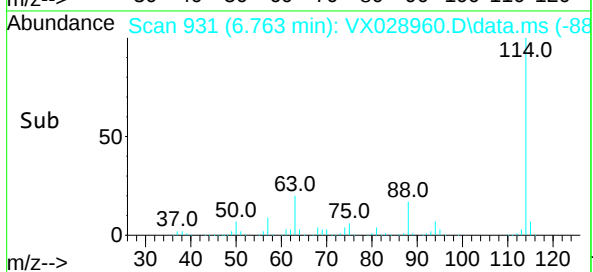
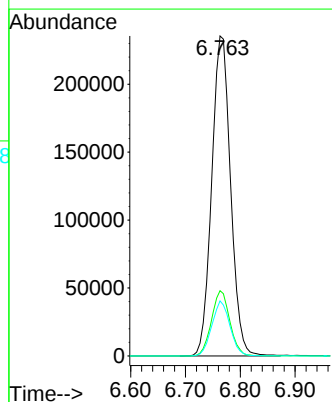
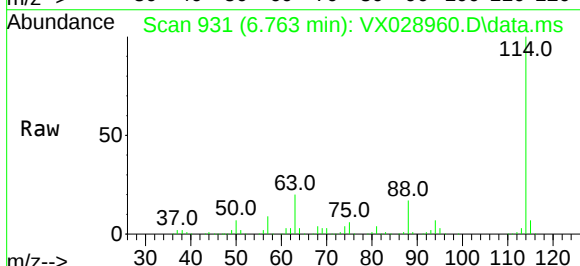
Tgt Ion: 114 Resp: 562724

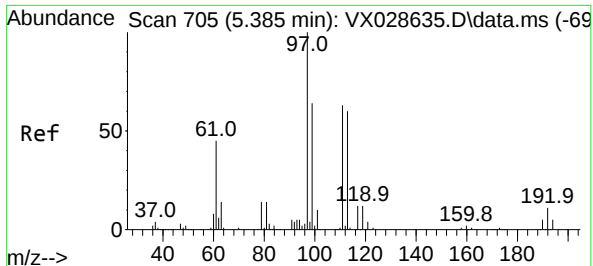
Ion Ratio Lower Upper

114 100

63 20.4 0.0 36.8

88 17.2 0.0 32.4





#35

Dibromofluoromethane

Concen: 51.653 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX028960.D

Acq: 25 May 2022 18:57

Instrument :

MSVOA_X

ClientSampleId :

TGMP-2

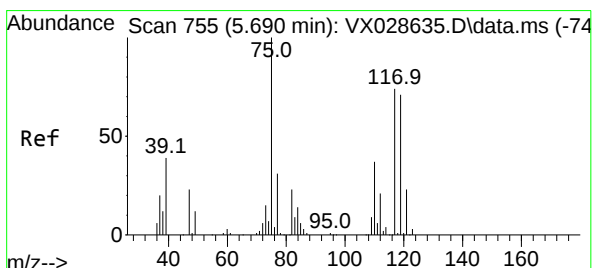
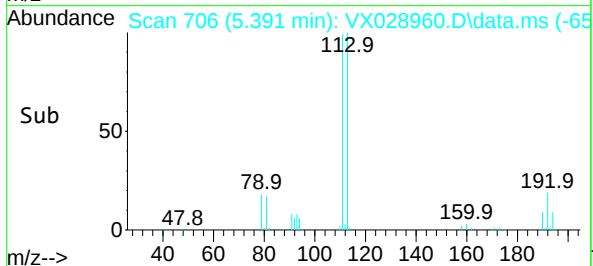
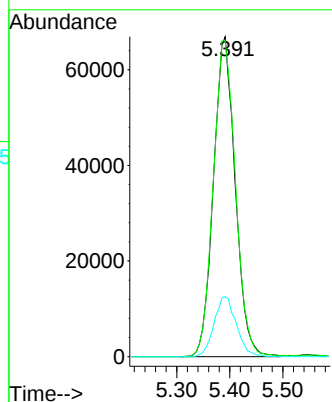
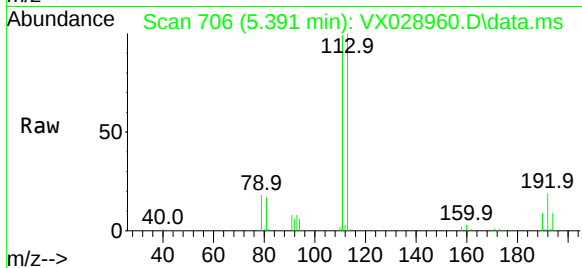
Tgt Ion:113 Resp: 190440

Ion Ratio Lower Upper

113 100

111 101.4 82.8 124.2

192 19.2 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.366 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX028960.D

Acq: 25 May 2022 18:57

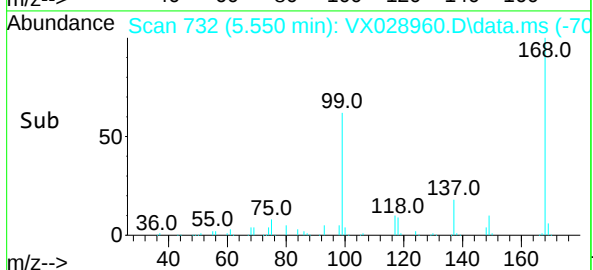
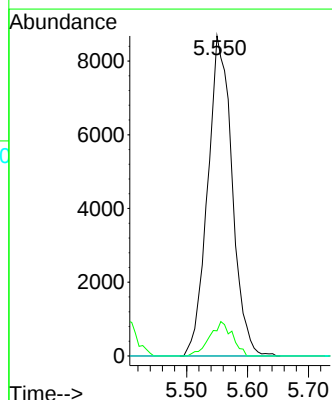
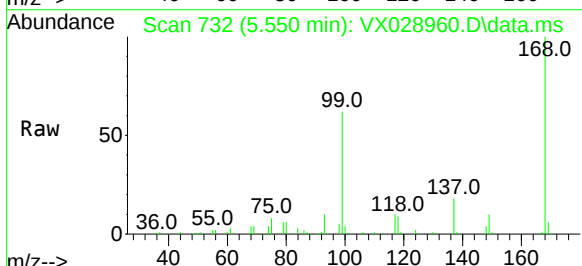
Tgt Ion: 75 Resp: 24180

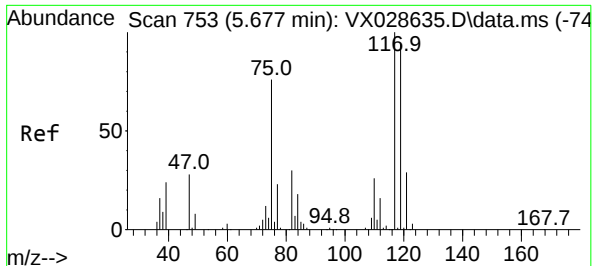
Ion Ratio Lower Upper

75 100

110 10.0 18.3 54.8#

77 0.0 24.8 37.2#

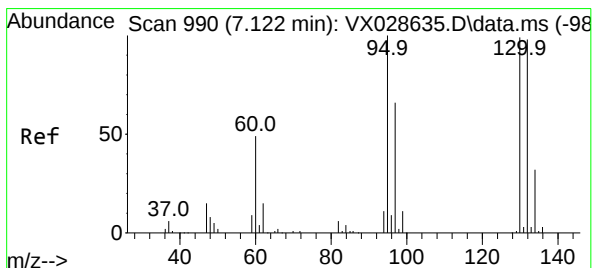
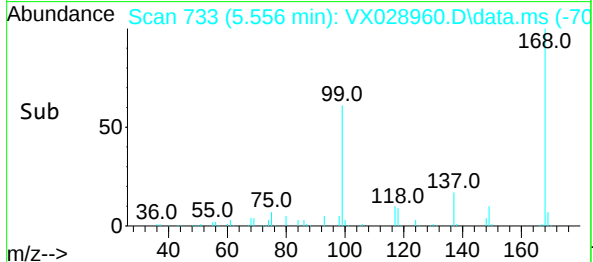
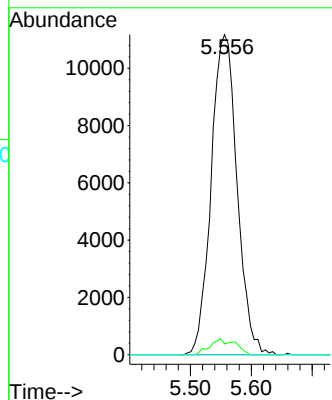
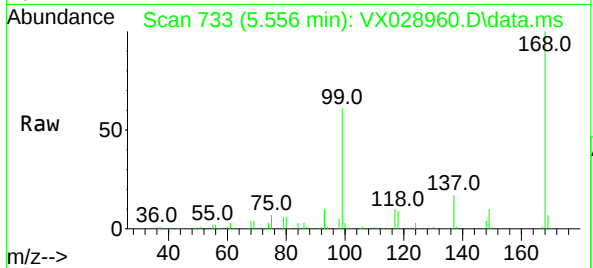




#38
Carbon Tetrachloride
Concen: 5.921 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.121 min
Lab File: VX028960.D
Acq: 25 May 2022 18:57

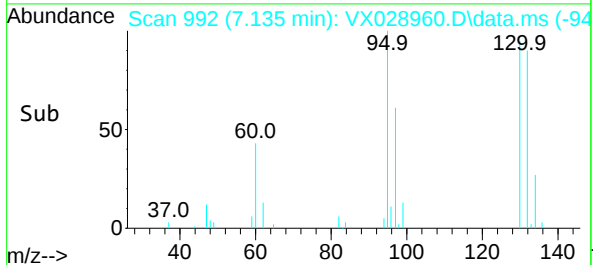
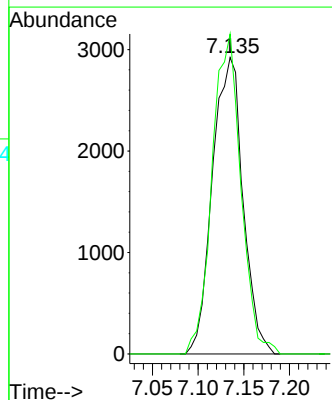
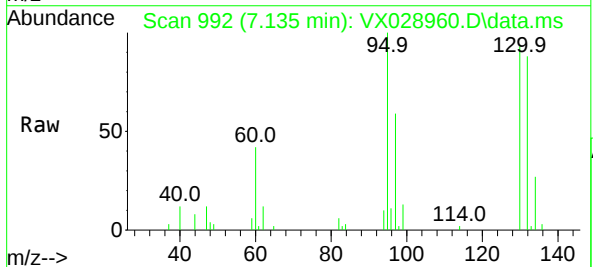
Instrument :
MSVOA_X
ClientSampleId :
TGMP-2

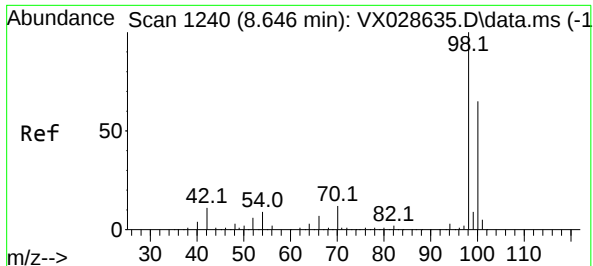
Tgt Ion:117 Resp: 32995
Ion Ratio Lower Upper
117 100
119 3.4 77.3 115.9#
121 0.0 24.2 36.2#



#44
Trichloroethene
Concen: 1.571 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.013 min
Lab File: VX028960.D
Acq: 25 May 2022 18:57

Tgt Ion:130 Resp: 6783
Ion Ratio Lower Upper
130 100
95 107.9 0.0 188.8





#50

Toluene-d8

Concen: 48.451 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.007 min

Lab File: VX028960.D

Acq: 25 May 2022 18:57

Instrument :

MSVOA_X

ClientSampleId :

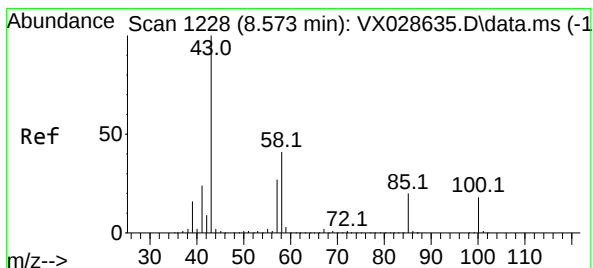
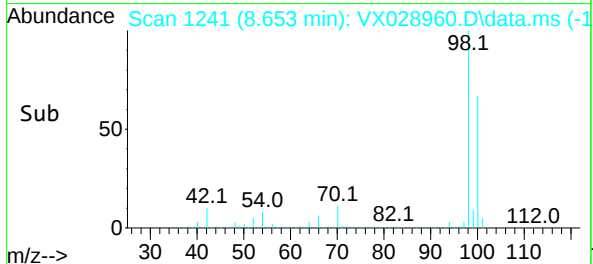
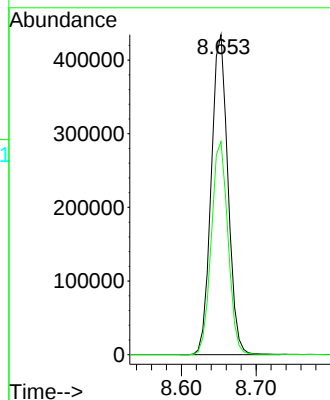
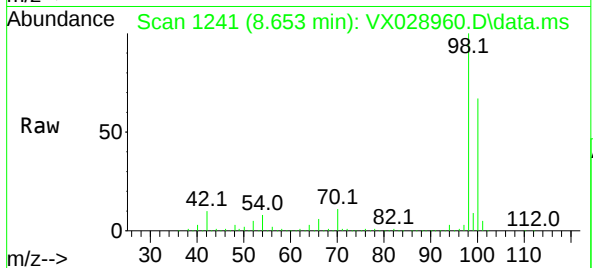
TGMP-2

Tgt Ion: 98 Resp: 673485

Ion Ratio Lower Upper

98 100

100 66.7 52.6 78.8



#51

4-Methyl-2-Pentanone

Concen: 0.473 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.074 min

Lab File: VX028960.D

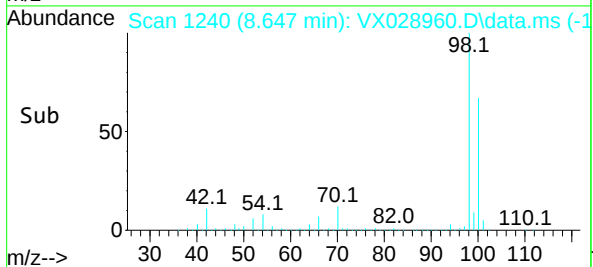
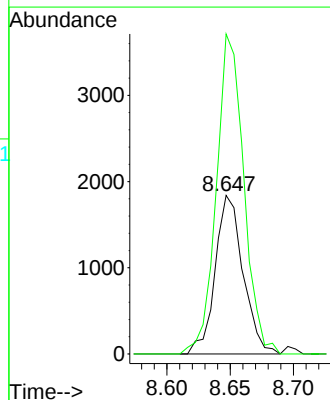
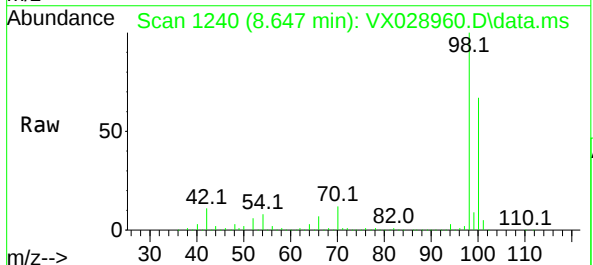
Acq: 25 May 2022 18:57

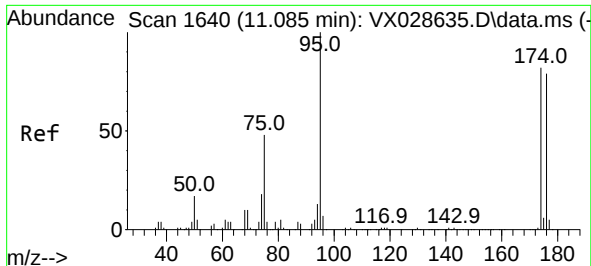
Tgt Ion: 43 Resp: 2817

Ion Ratio Lower Upper

43 100

58 198.7 36.1 54.1#

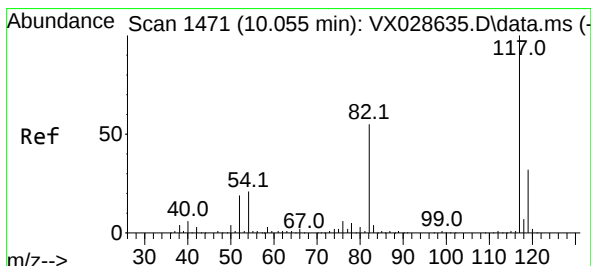
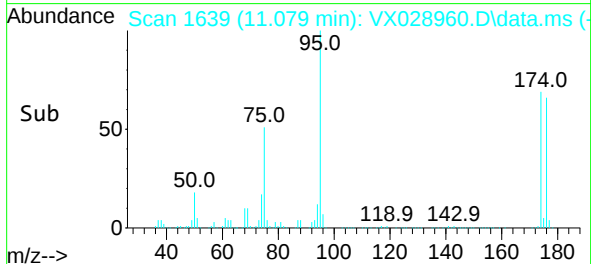
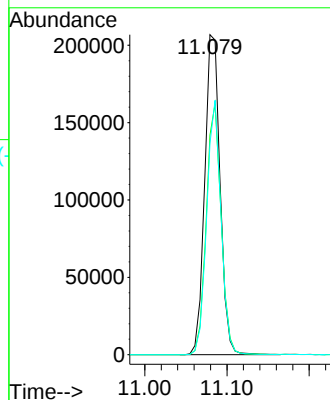
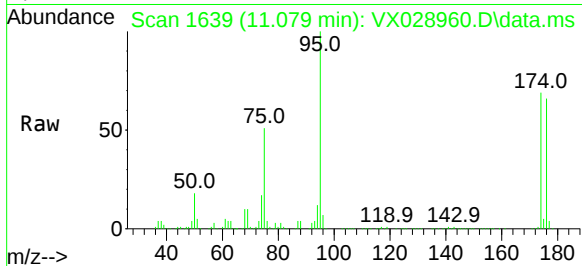




#62
4-Bromofluorobenzene
Concen: 51.655 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028960.D
Acq: 25 May 2022 18:57

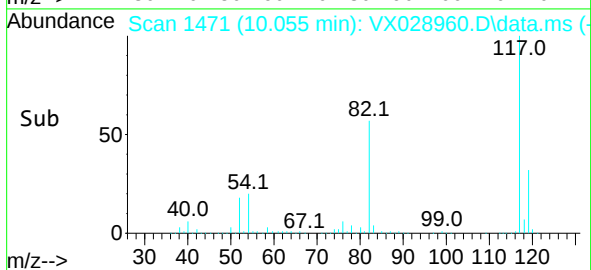
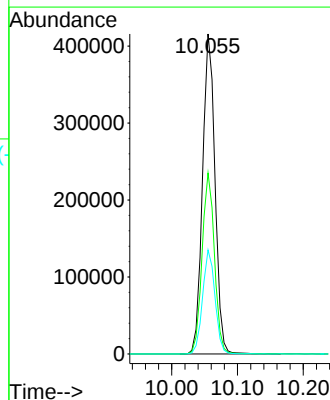
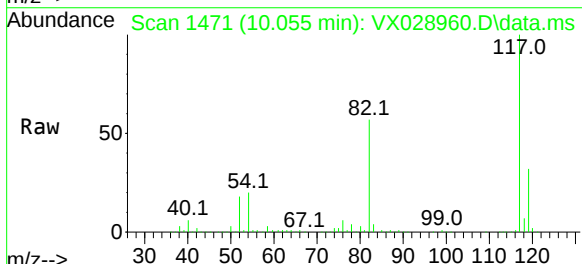
Instrument :
MSVOA_X
ClientSampleId :
TGMP-2

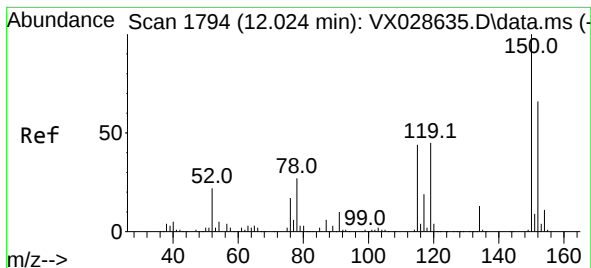
Tgt Ion: 95 Resp: 268186
Ion Ratio Lower Upper
95 100
174 75.7 0.0 163.0
176 74.2 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028960.D
Acq: 25 May 2022 18:57

Tgt Ion: 117 Resp: 548690
Ion Ratio Lower Upper
117 100
82 56.6 41.8 62.8
119 32.5 24.8 37.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX028960.D

Acq: 25 May 2022 18:57

Instrument :

MSVOA_X

ClientSampleId :

TGMP-2

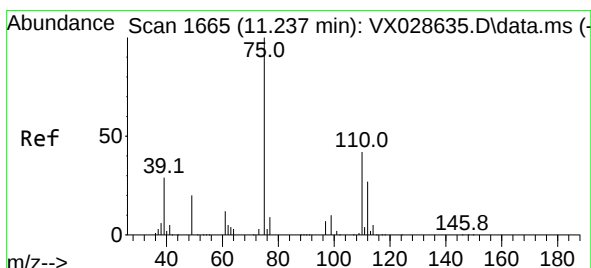
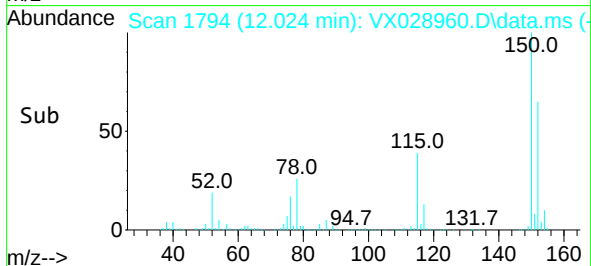
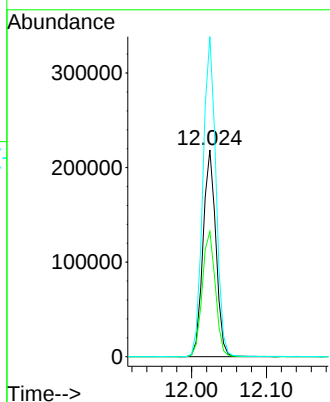
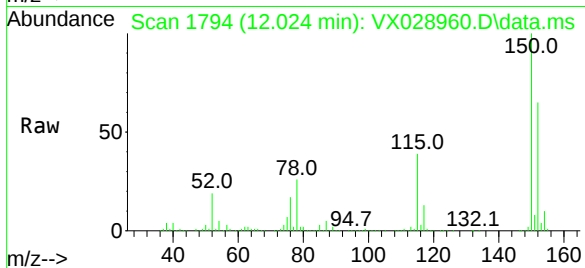
Tgt Ion:152 Resp: 261097

Ion Ratio Lower Upper

152 100

115 61.9 37.5 112.7

150 156.4 0.0 338.2



#76

1,2,3-Trichloropropane

Concen: 22.187 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX028960.D

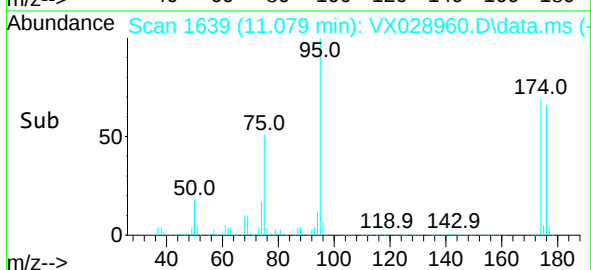
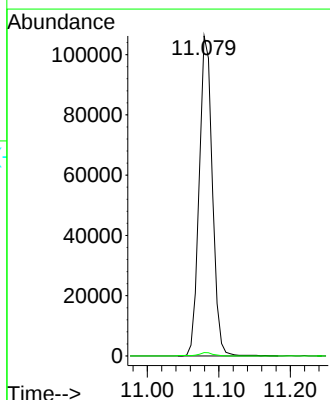
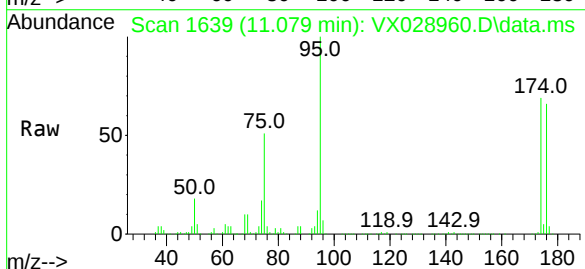
Acq: 25 May 2022 18:57

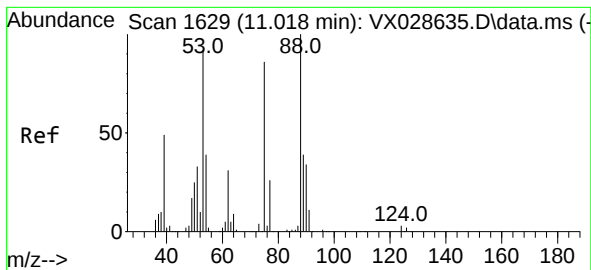
Tgt Ion: 75 Resp: 135664

Ion Ratio Lower Upper

75 100

77 1.2 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.935 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX028960.D
 Acq: 25 May 2022 18:57

Instrument :
 MSVOA_X
 ClientSampleId :
 TGMP-2

Tgt Ion: 75 Resp: 135664
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.1 37.0 55.6#

