

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052522\
 Data File : VX028958.D
 Acq On : 25 May 2022 18:11
 Operator : JC/MD
 Sample : N2981-22
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TGMP-3

Quant Time: May 26 05:46:22 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)

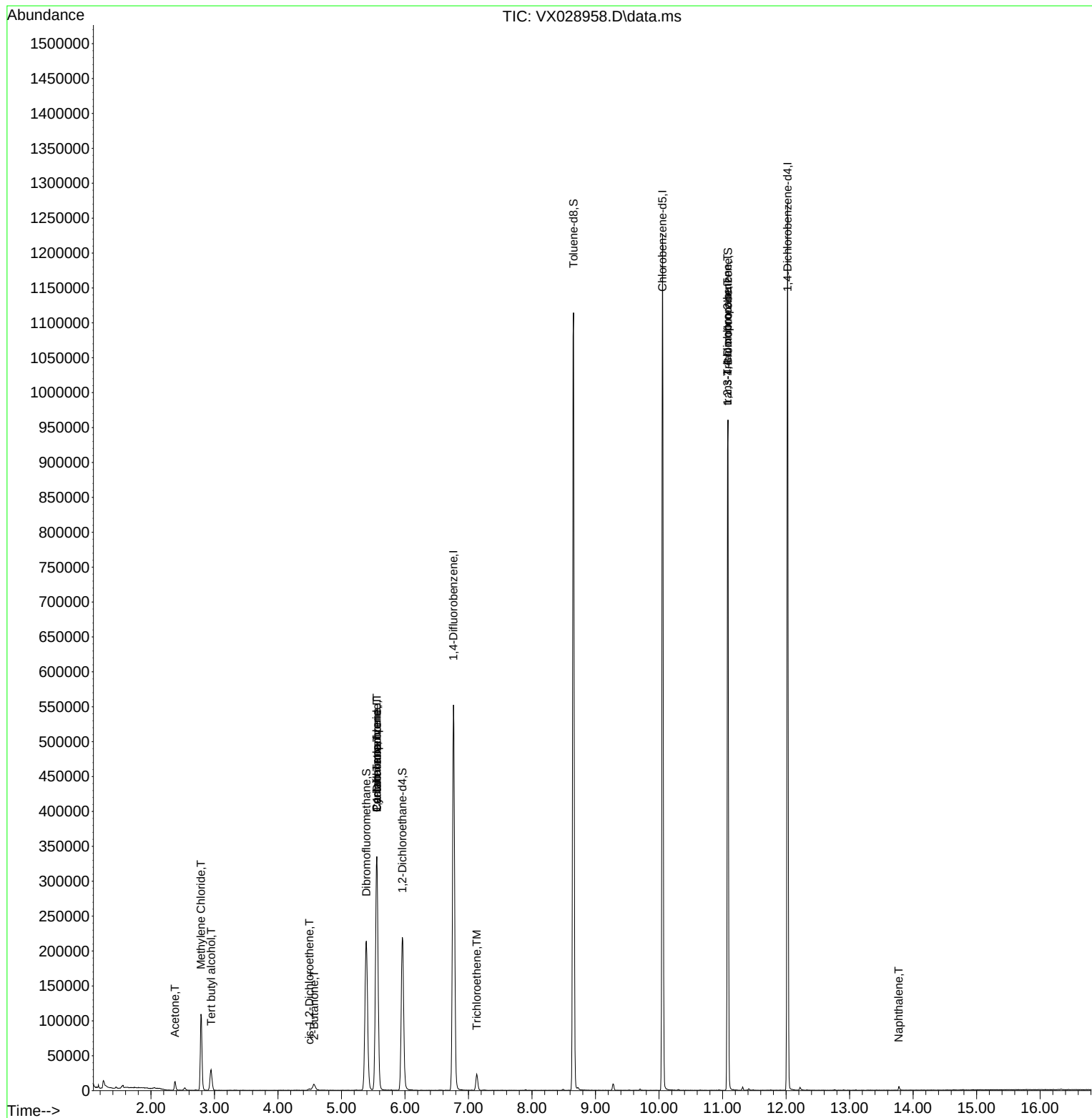
Internal Standards						
1) Pentafluorobenzene	5.556	168	312735	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	570458	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	550416	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	257407	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	221099	51.576	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.160%			
35) Dibromofluoromethane	5.391	113	191653	51.278	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.560%			
50) Toluene-d8	8.653	98	682789	48.455	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 96.900%			
62) 4-Bromofluorobenzene	11.085	95	268767	51.065	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 102.140%			
Target Compounds						
						Qvalue
5) Bromomethane	1.617	94	673	Below Cal		96
6) Chloroethane	1.660	64	180	Below Cal	#	57
11) Tert butyl alcohol	2.946	59	17080	11.151	ug/l #	74
16) Acetone	2.379	43	12775	6.944	ug/l	98
20) Methylene Chloride	2.788	84	51560	13.358	ug/l	96
25) 2-Butanone	4.568	43	1828	0.633	ug/l #	74
27) cis-1,2-Dichloroethene	4.495	96	1230	0.289	ug/l	73
31) Cyclohexane	5.556	56	6039	1.015	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	24417	4.349	ug/l #	50
38) Carbon Tetrachloride	5.556	117	33833	5.989	ug/l #	15
44) Trichloroethene	7.129	130	8861	2.025	ug/l	89
76) 1,2,3-Trichloropropane	11.079	75	135005	22.396	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	135005	65.510	ug/l #	15
95) Naphthalene	13.774	128	3704	0.203	ug/l	99

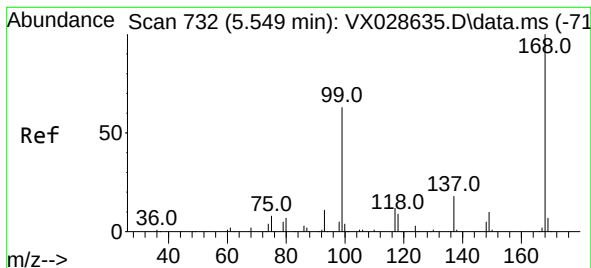
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX028958.D

Acq: 25 May 2022 18:11

Instrument :

MSVOA_X

ClientSampleId :

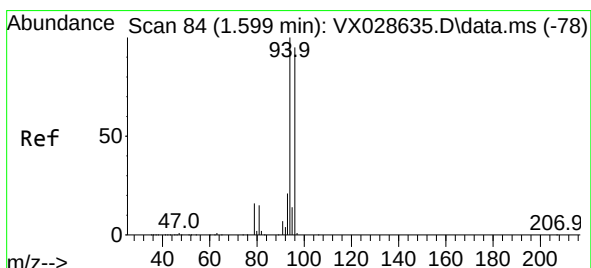
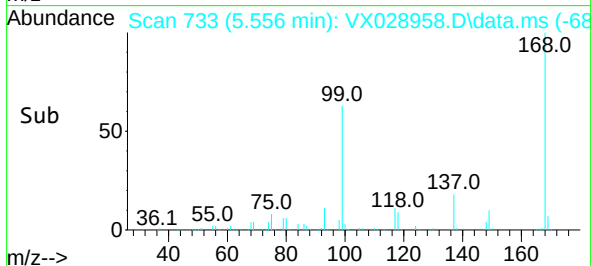
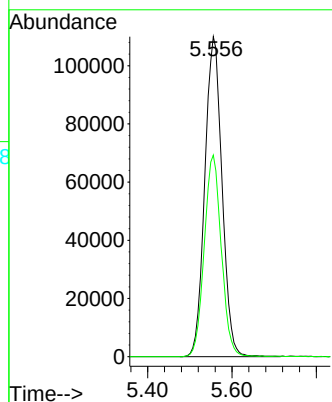
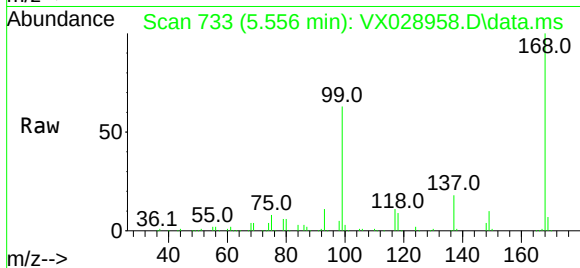
TGMP-3

Tgt Ion:168 Resp: 312735

Ion Ratio Lower Upper

168 100

99 63.0 41.7 62.5#



#5

Bromomethane

Concen: Below Cal

RT: 1.617 min Scan# 87

Delta R.T. 0.018 min

Lab File: VX028958.D

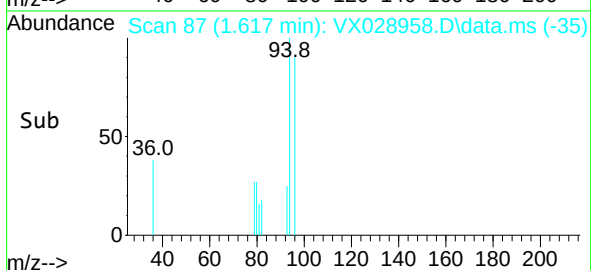
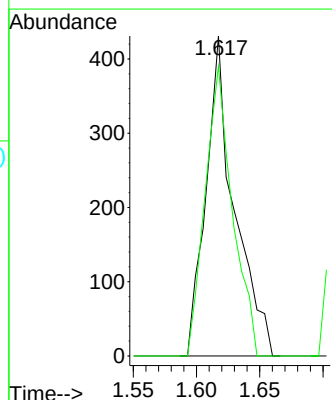
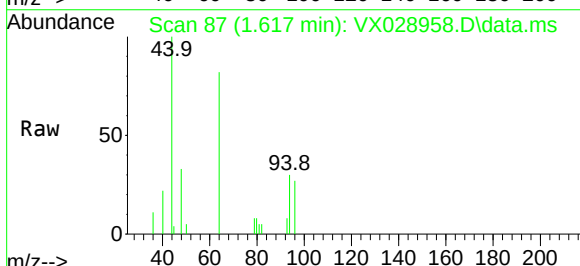
Acq: 25 May 2022 18:11

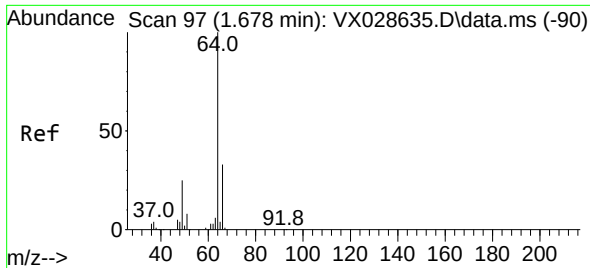
Tgt Ion: 94 Resp: 673

Ion Ratio Lower Upper

94 100

96 90.5 75.3 112.9

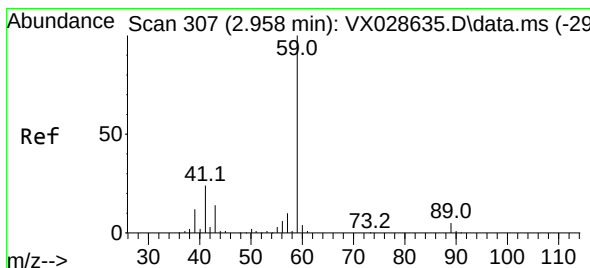
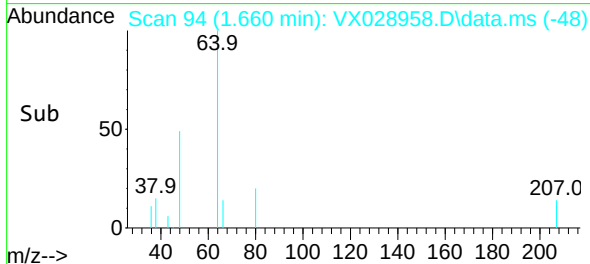
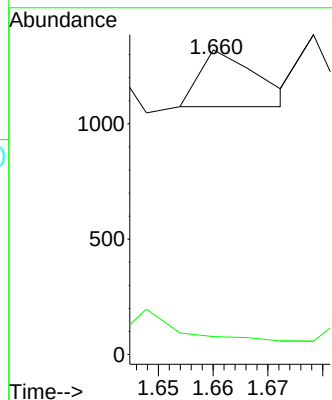
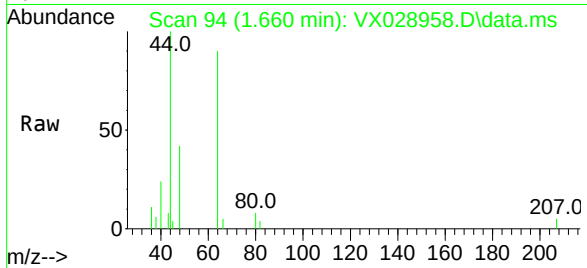




#6
Chloroethane
Concen: Below Cal
RT: 1.660 min Scan# 94
Delta R.T. -0.018 min
Lab File: VX028958.D
Acq: 25 May 2022 18:11

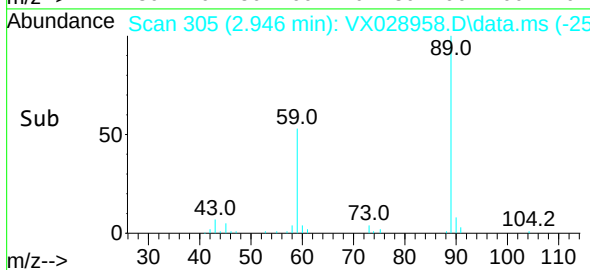
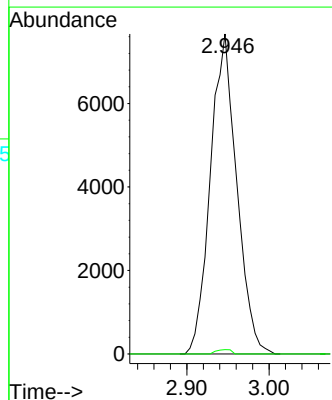
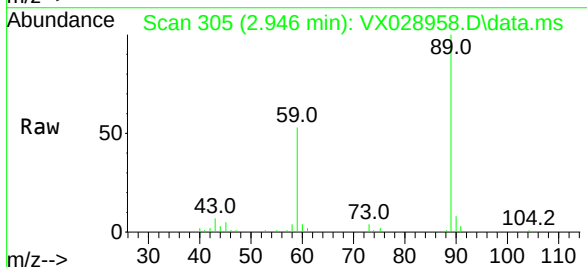
Instrument :
MSVOA_X
ClientSampleId :
TGMP-3

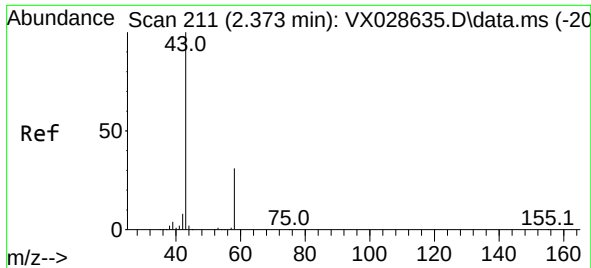
Tgt Ion: 64 Resp: 180
Ion Ratio Lower Upper
64 100
66 7.7 25.3 37.9#



#11
Tert butyl alcohol
Concen: 11.151 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.012 min
Lab File: VX028958.D
Acq: 25 May 2022 18:11

Tgt Ion: 59 Resp: 17080
Ion Ratio Lower Upper
59 100
57 0.8 8.3 12.5#

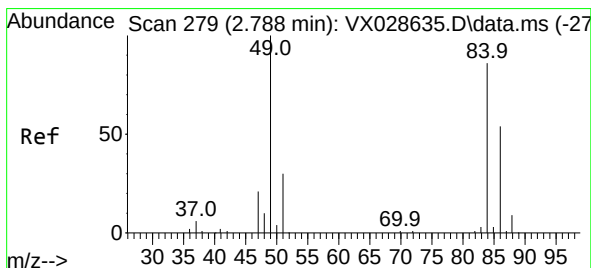
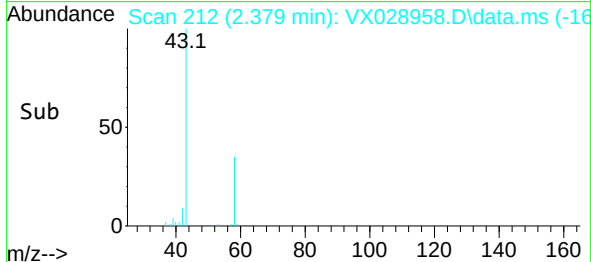
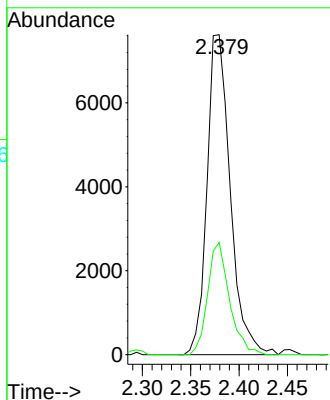
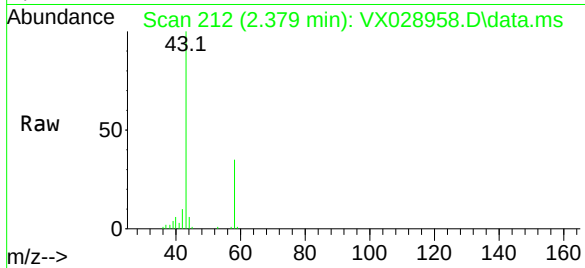




#16
Acetone
Concen: 6.944 ug/l
RT: 2.379 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX028958.D
Acq: 25 May 2022 18:11

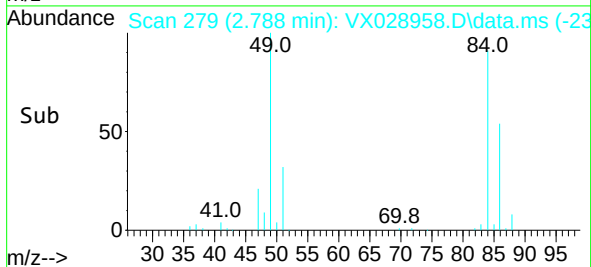
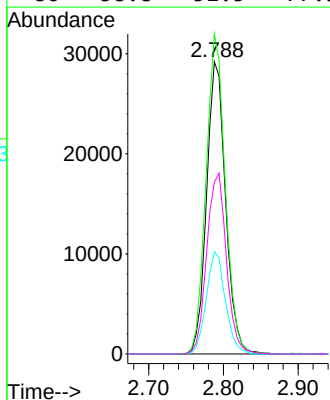
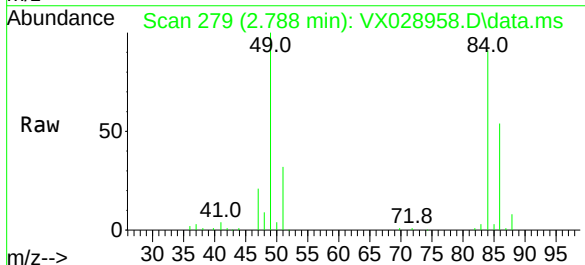
Instrument :
MSVOA_X
ClientSampleId :
TGMP-3

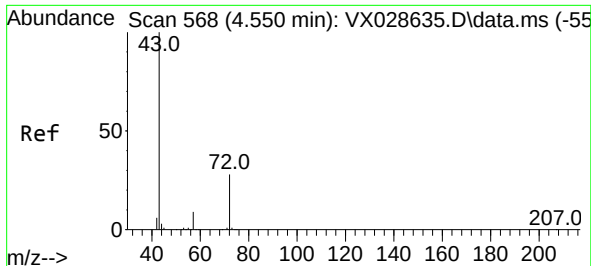
Tgt Ion: 43 Resp: 12775
Ion Ratio Lower Upper
43 100
58 35.1 28.8 43.2



#20
Methylene Chloride
Concen: 13.358 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX028958.D
Acq: 25 May 2022 18:11

Tgt Ion: 84 Resp: 51560
Ion Ratio Lower Upper
84 100
49 109.5 85.5 128.3
51 35.1 26.6 39.8
86 58.8 51.5 77.3

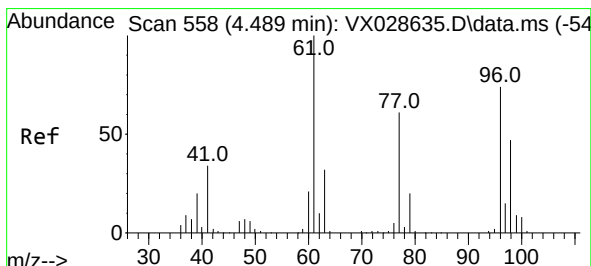
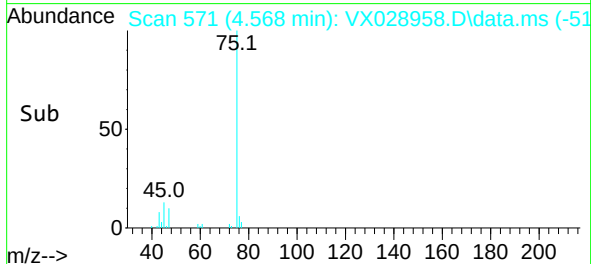
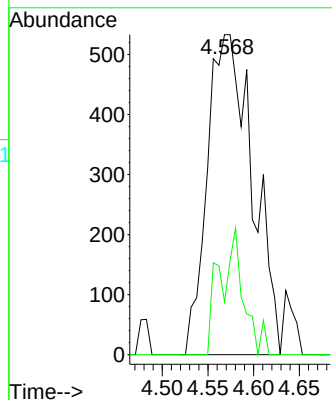
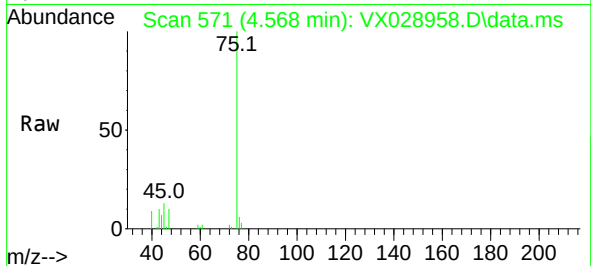




#25
2-Butanone
Concen: 0.633 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX028958.D
Acq: 25 May 2022 18:11

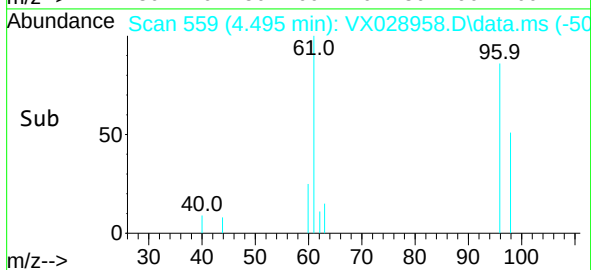
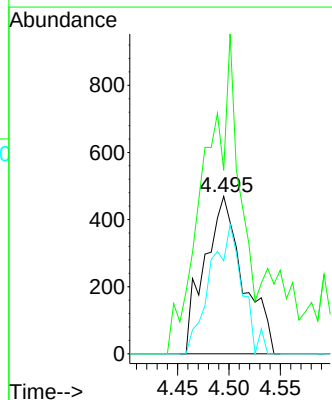
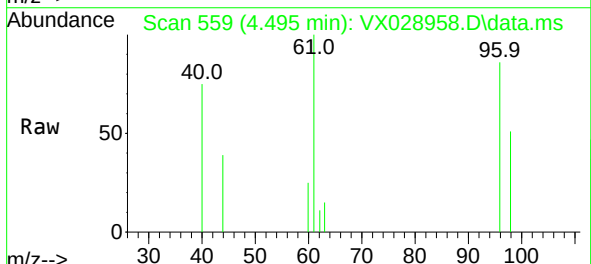
Instrument :
MSVOA_X
ClientSampleId :
TGMP-3

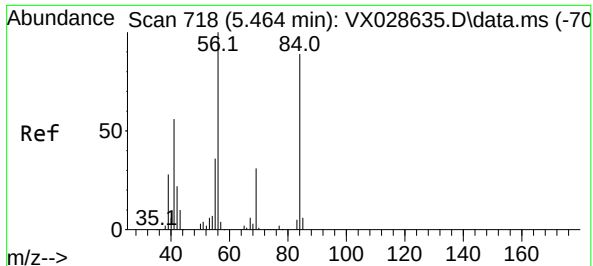
Tgt Ion: 43 Resp: 1828
Ion Ratio Lower Upper
43 100
72 16.5 24.4 36.6#



#27
cis-1,2-Dichloroethene
Concen: 0.289 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX028958.D
Acq: 25 May 2022 18:11

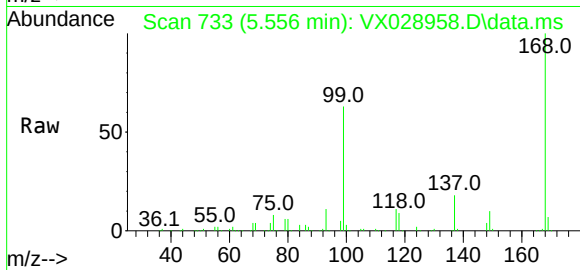
Tgt Ion: 96 Resp: 1230
Ion Ratio Lower Upper
96 100
61 188.0 0.0 283.8
98 67.7 0.0 129.8



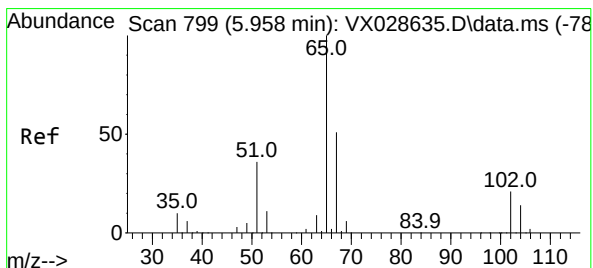
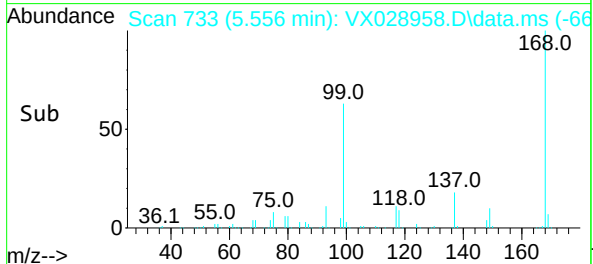
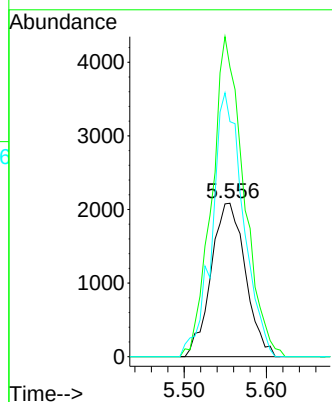


#31
Cyclohexane
Concen: 1.015 ug/l
RT: 5.556 min Scan# 718
Delta R.T. 0.092 min
Lab File: VX028958.D
Acq: 25 May 2022 18:11

Instrument :
MSVOA_X
ClientSampleId :
TGMP-3

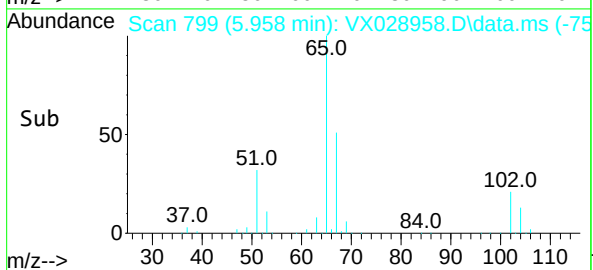
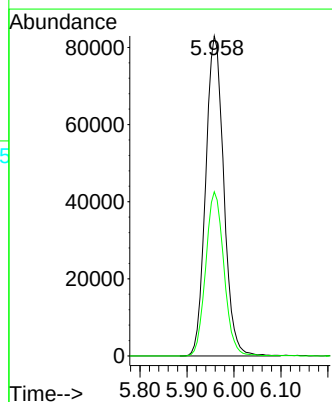
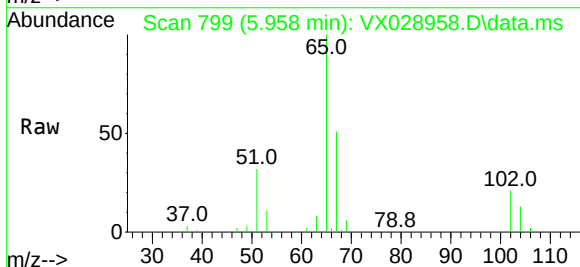


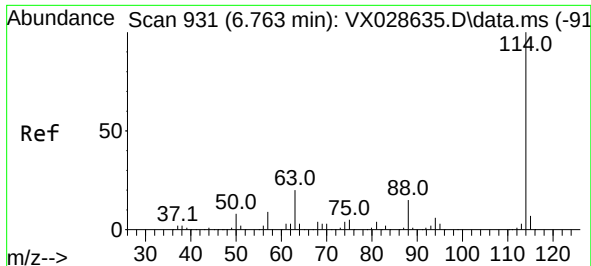
Tgt Ion: 56 Resp: 6039
Ion Ratio Lower Upper
56 100
69 188.5 26.7 40.1#
84 153.1 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 51.576 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028958.D
Acq: 25 May 2022 18:11

Tgt Ion: 65 Resp: 221099
Ion Ratio Lower Upper
65 100
67 51.7 0.0 107.4

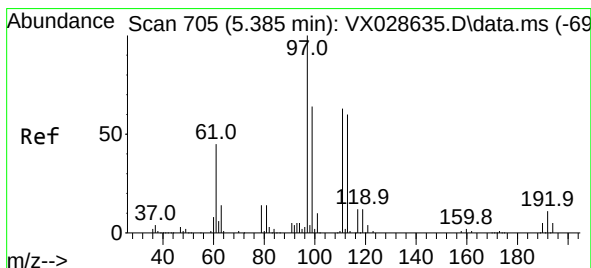
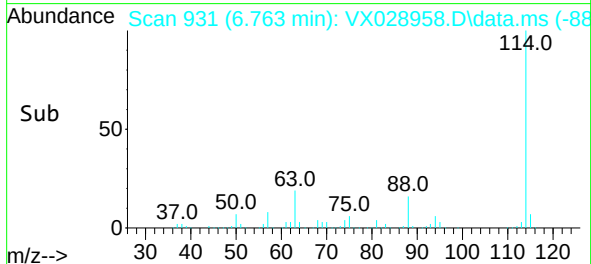
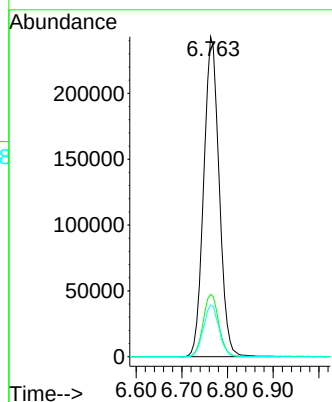
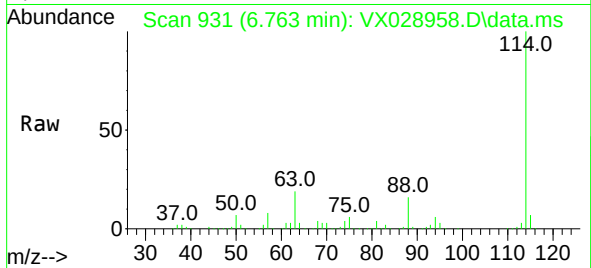




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX028958.D
Acq: 25 May 2022 18:11

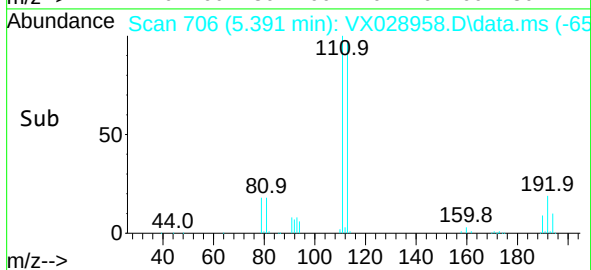
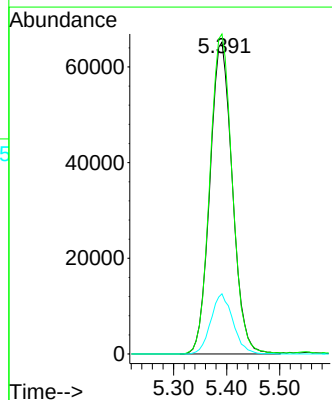
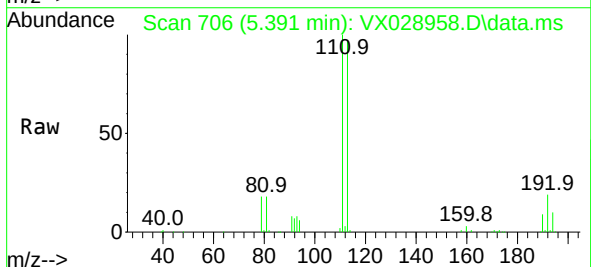
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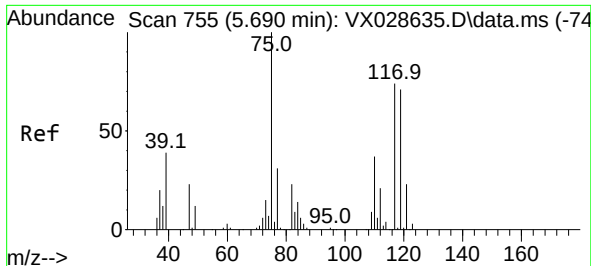
Tgt Ion:114 Resp: 570458
Ion Ratio Lower Upper
114 100
63 19.4 0.0 36.8
88 16.1 0.0 32.4



#35
Dibromofluoromethane
Concen: 51.278 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028958.D
Acq: 25 May 2022 18:11

Tgt Ion:113 Resp: 191653
Ion Ratio Lower Upper
113 100
111 102.5 82.8 124.2
192 19.0 16.9 25.3

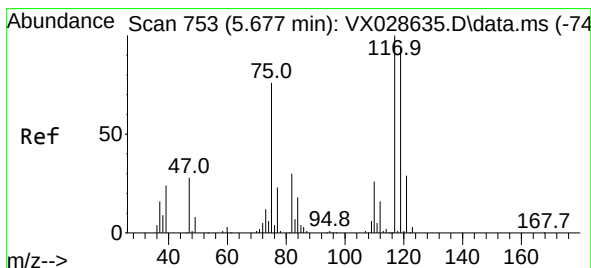
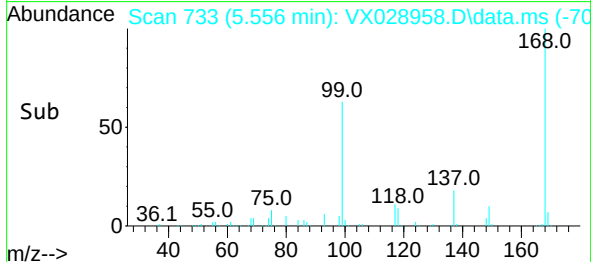
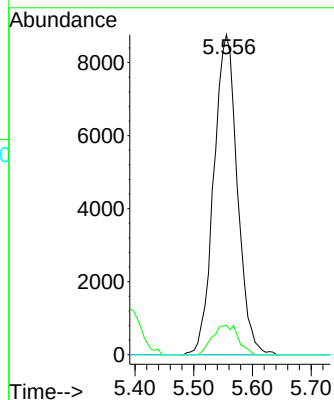
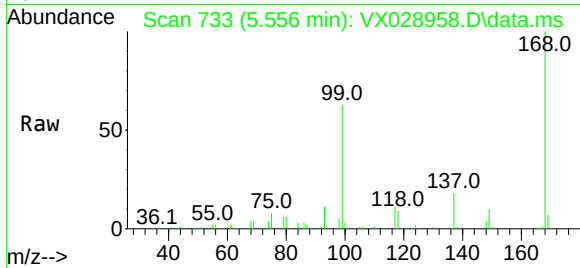




#36
1,1-Dichloropropene
Concen: 4.349 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.134 min
Lab File: VX028958.D
Acq: 25 May 2022 18:11

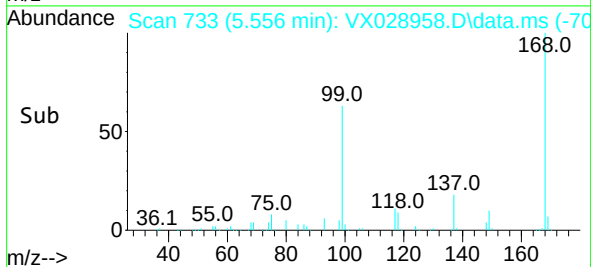
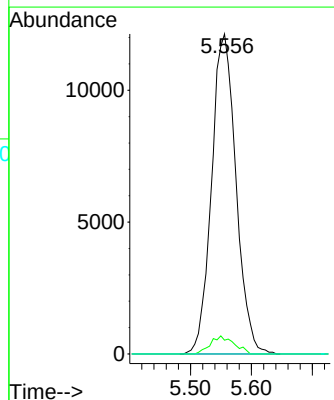
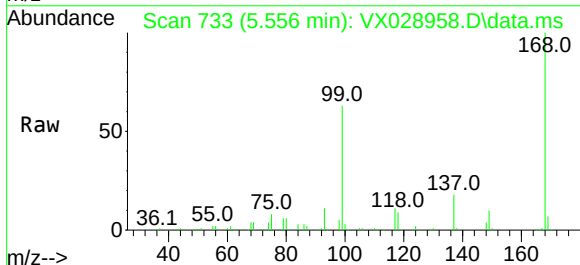
Instrument :
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TGMP-3

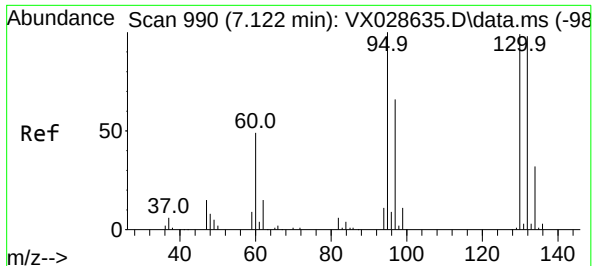
Tgt Ion: 75 Resp: 24417
Ion Ratio Lower Upper
75 100
110 10.1 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.989 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.121 min
Lab File: VX028958.D
Acq: 25 May 2022 18:11

Tgt Ion: 117 Resp: 33833
Ion Ratio Lower Upper
117 100
119 4.3 77.3 115.9#
121 0.0 24.2 36.2#

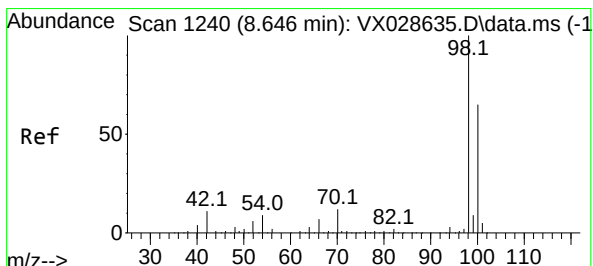
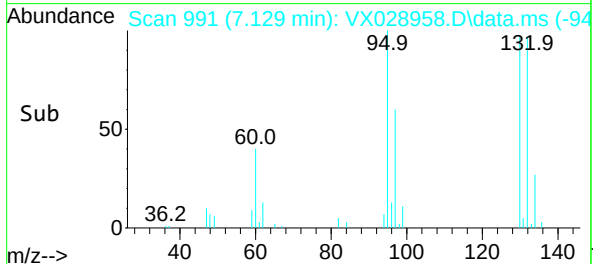
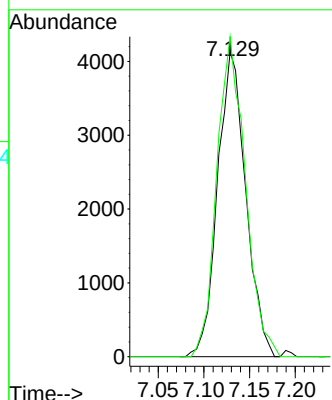
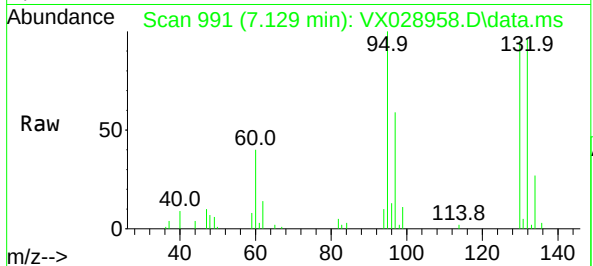




#44
Trichloroethene
Concen: 2.025 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.007 min
Lab File: VX028958.D
Acq: 25 May 2022 18:11

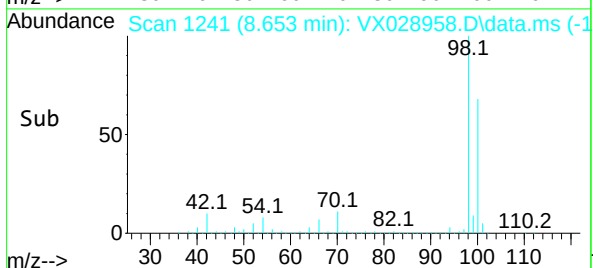
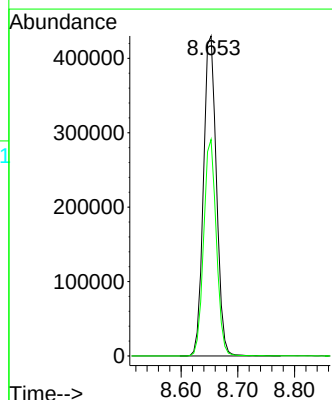
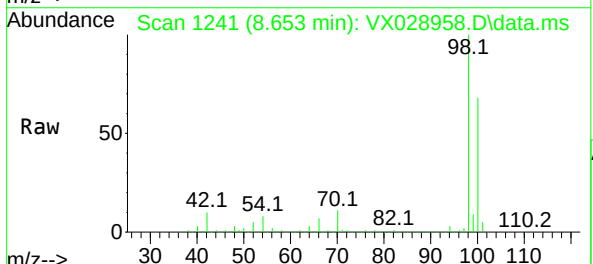
Instrument :
MSVOA_X
ClientSampleId :
TGMP-3

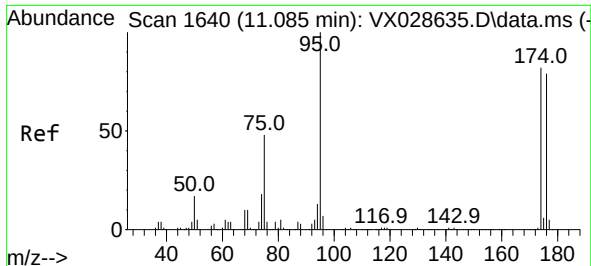
Tgt Ion:130 Resp: 8861
Ion Ratio Lower Upper
130 100
95 104.9 0.0 188.8



#50
Toluene-d8
Concen: 48.455 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX028958.D
Acq: 25 May 2022 18:11

Tgt Ion: 98 Resp: 682789
Ion Ratio Lower Upper
98 100
100 66.1 52.6 78.8

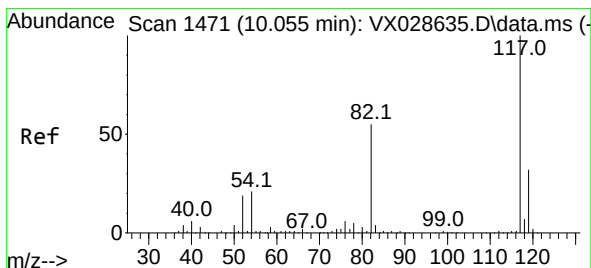
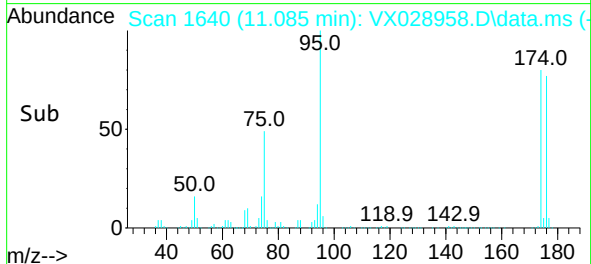
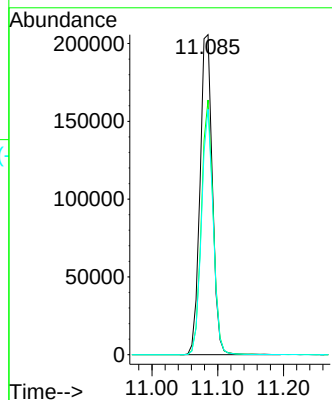
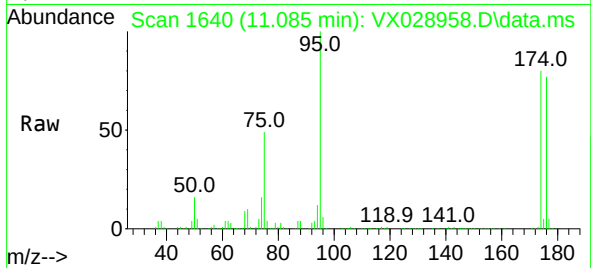




#62
4-Bromofluorobenzene
Concen: 51.065 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX028958.D
Acq: 25 May 2022 18:11

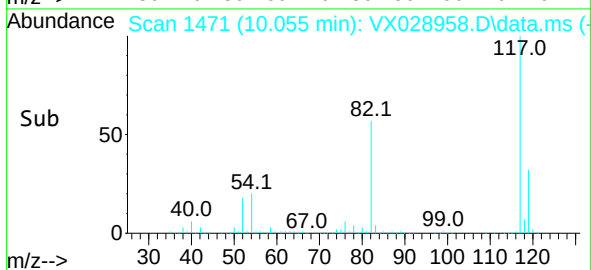
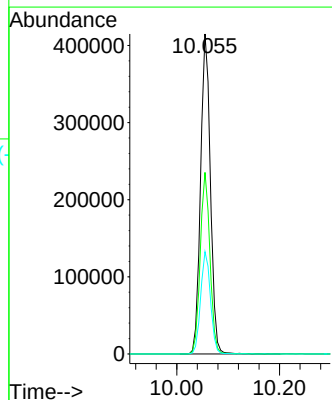
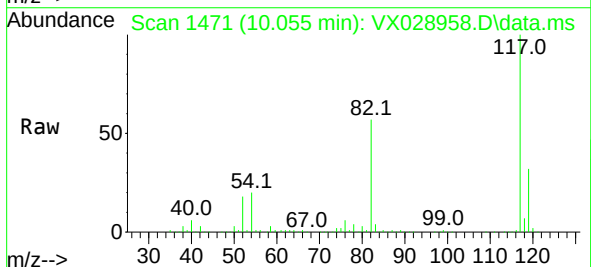
Instrument :
MSVOA_X
ClientSampleId :
TGMP-3

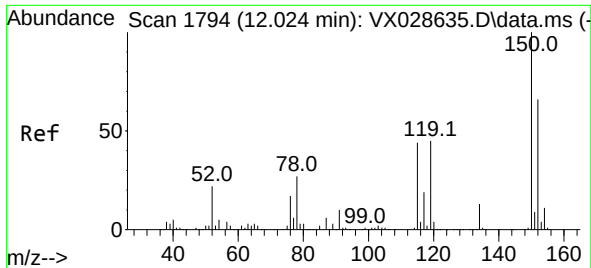
Tgt Ion: 95 Resp: 268767
Ion Ratio Lower Upper
95 100
174 75.9 0.0 163.0
176 72.8 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028958.D
Acq: 25 May 2022 18:11

Tgt Ion: 117 Resp: 550416
Ion Ratio Lower Upper
117 100
82 56.8 41.8 62.8
119 32.0 24.8 37.2

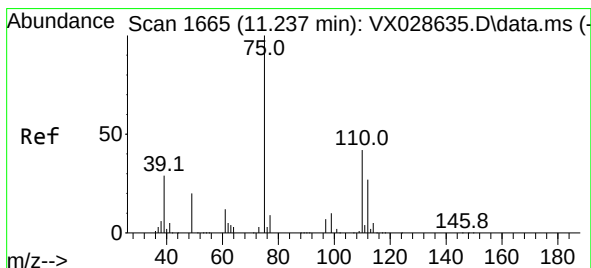
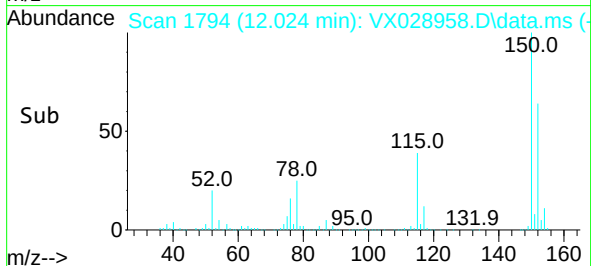
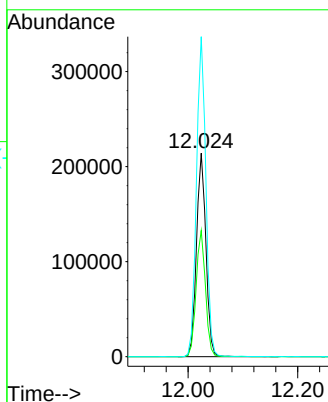
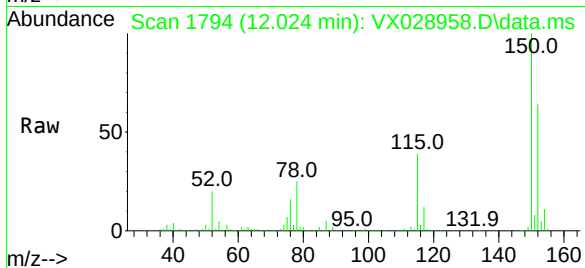




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028958.D
Acq: 25 May 2022 18:11

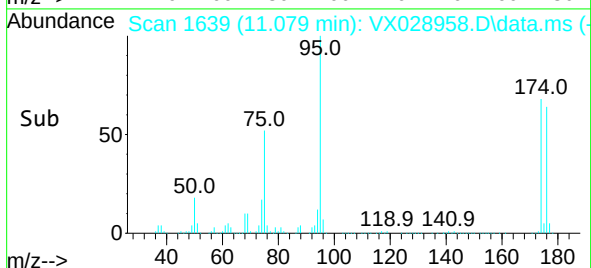
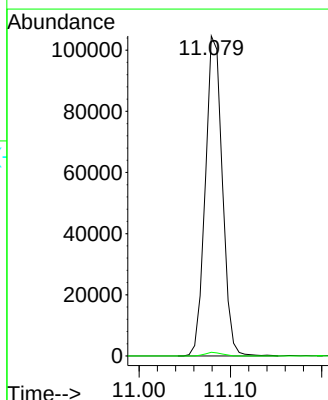
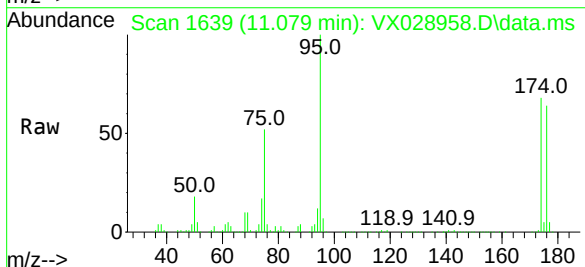
Instrument :
MSVOA_X
ClientSampleId :
TGMP-3

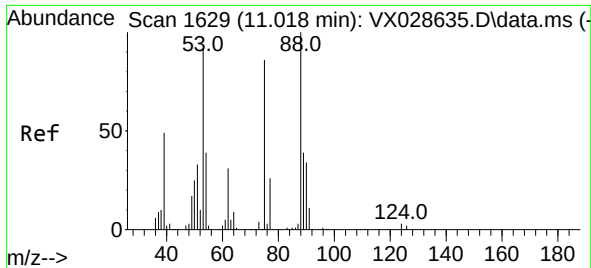
Tgt Ion:152 Resp: 257407
Ion Ratio Lower Upper
152 100
115 61.5 37.5 112.7
150 156.9 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 22.396 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX028958.D
Acq: 25 May 2022 18:11

Tgt Ion: 75 Resp: 135005
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#

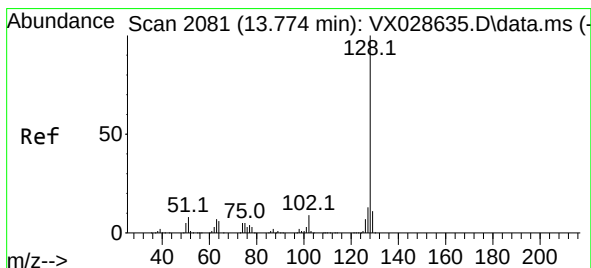
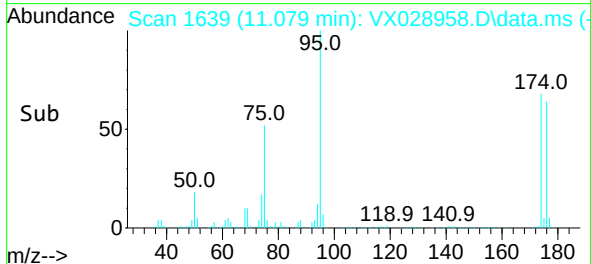
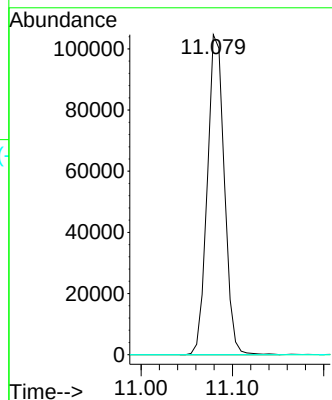
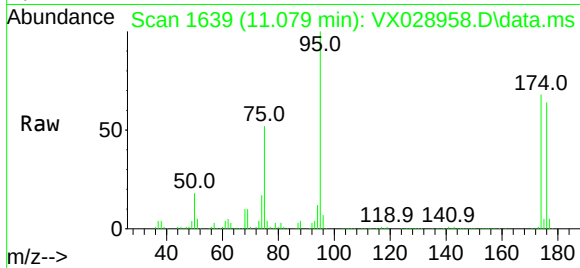




#81
trans-1,4-Dichloro-2-butene
Concen: 65.510 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028958.D
Acq: 25 May 2022 18:11

Instrument :
MSVOA_X
ClientSampleId :
TGMP-3

Tgt Ion: 75 Resp: 135005
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#



#95
Naphthalene
Concen: 0.203 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX028958.D
Acq: 25 May 2022 18:11

Tgt Ion:128 Resp: 3704
Ion Ratio Lower Upper
128 100
127 13.3 10.2 15.4
129 10.6 8.7 13.1

