

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052522\
 Data File : VX028957.D
 Acq On : 25 May 2022 17:47
 Operator : JC/MD
 Sample : N2981-21
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TGMP-1

Quant Time: May 26 05:46:10 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)

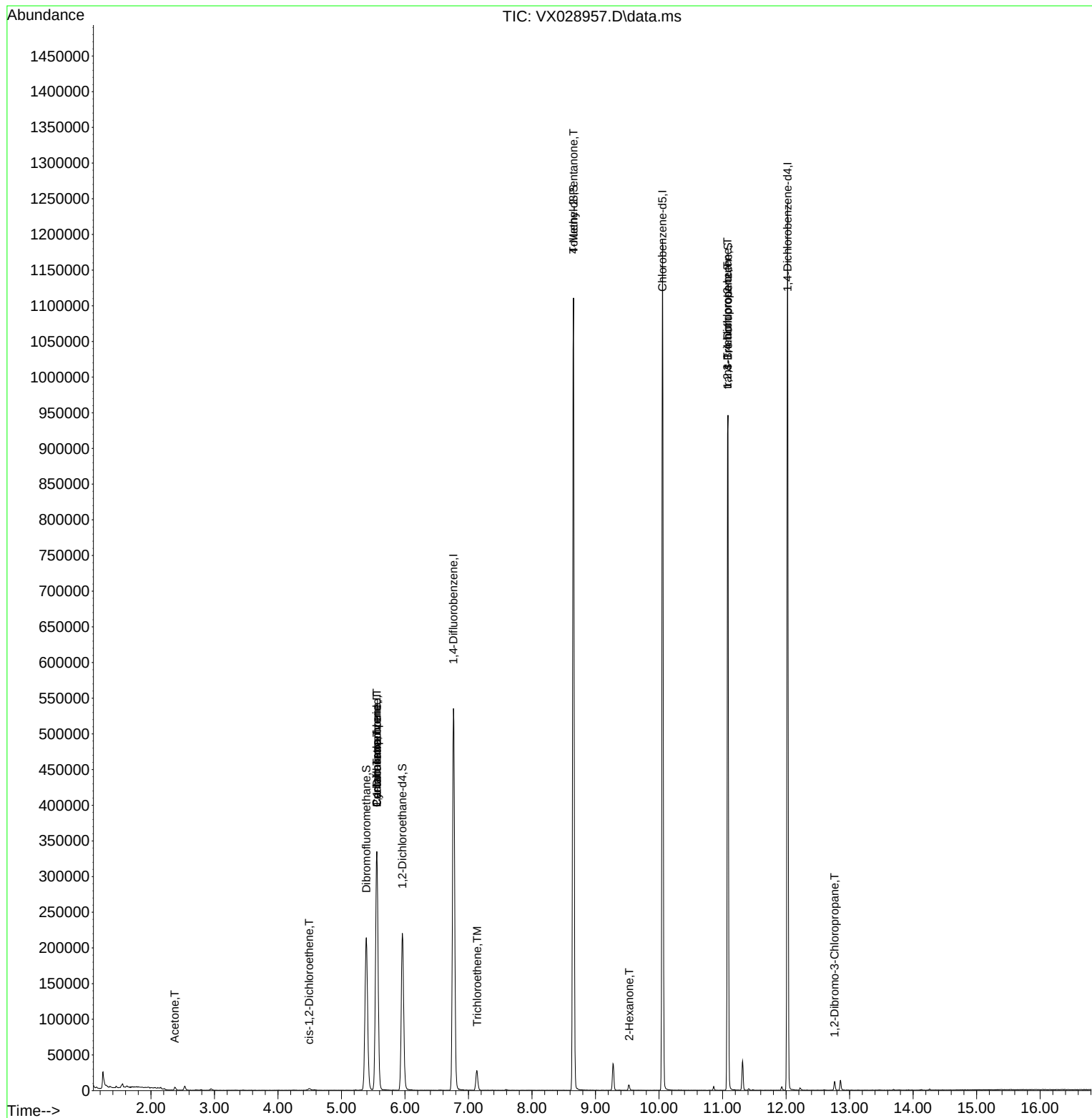
Internal Standards						
1) Pentafluorobenzene	5.556	168	314118	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	564003	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	545591	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	253802	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	218933	50.846	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 101.700%	
35) Dibromofluoromethane	5.391	113	188830	51.101	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 102.200%	
50) Toluene-d8	8.653	98	671115	48.171	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 96.340%	
62) 4-Bromofluorobenzene	11.085	95	265278	50.979	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 101.960%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.624	94	685	Below Cal	#	81
6) Chloroethane	1.636	64	340	Below Cal	#	43
11) Tert butyl alcohol	2.947	59	1315	Below Cal	#	72
16) Acetone	2.373	43	4397	2.379	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	1502	0.351	ug/l	73
31) Cyclohexane	5.556	56	6241	1.044	ug/l	# 7
36) 1,1-Dichloropropene	5.556	75	24301	4.378	ug/l	# 50
38) Carbon Tetrachloride	5.556	117	32511	5.821	ug/l	# 15
44) Trichloroethene	7.135	130	11107	2.567	ug/l	91
51) 4-Methyl-2-Pentanone	8.653	43	2632	0.441	ug/l	# 1
59) 2-Hexanone	9.531	43	1146	0.247	ug/l	# 32
76) 1,2,3-Trichloropropane	11.079	75	133211	22.412	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	133211	65.555	ug/l	# 15
92) 1,2-Dibromo-3-Chloropr...	12.762	75	357	0.253	ug/l	# 8

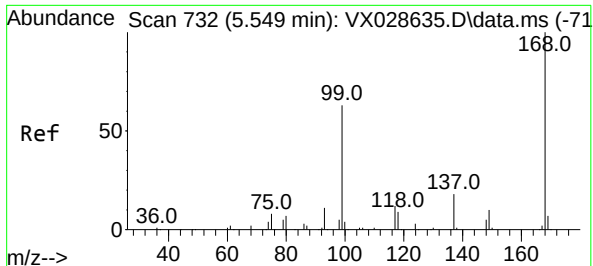
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052522\
Data File : VX028957.D
Acq On : 25 May 2022 17:47
Operator : JC/MD
Sample : N2981-21
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TGMP-1

Quant Time: May 26 05:46:10 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

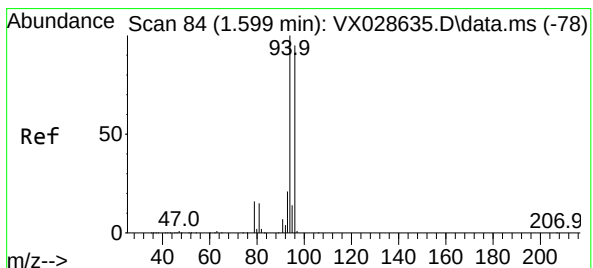
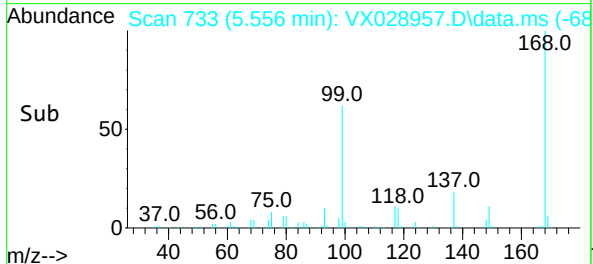
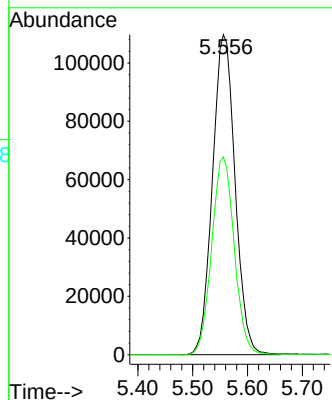
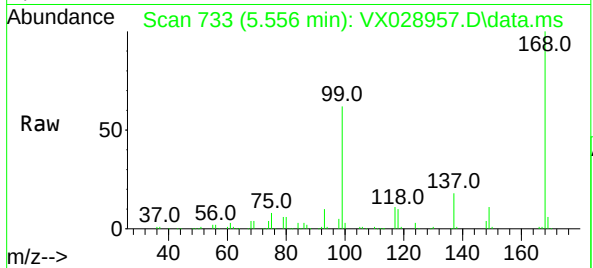




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028957.D
Acq: 25 May 2022 17:47

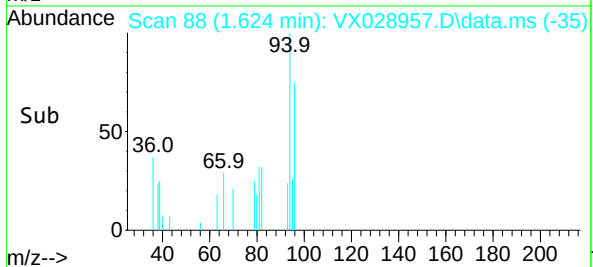
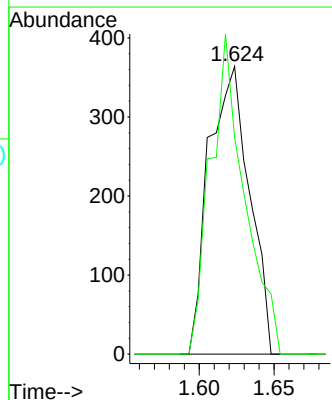
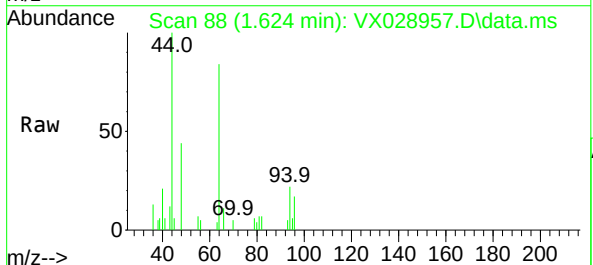
Instrument :
MSVOA_X
ClientSampleId :
TGMP-1

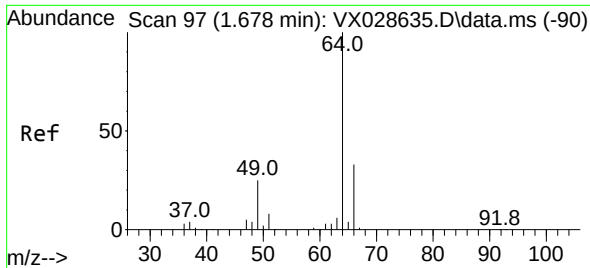
Tgt Ion:168 Resp: 314118
Ion Ratio Lower Upper
168 100
99 61.8 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX028957.D
Acq: 25 May 2022 17:47

Tgt Ion: 94 Resp: 685
Ion Ratio Lower Upper
94 100
96 75.3 75.3 112.9#

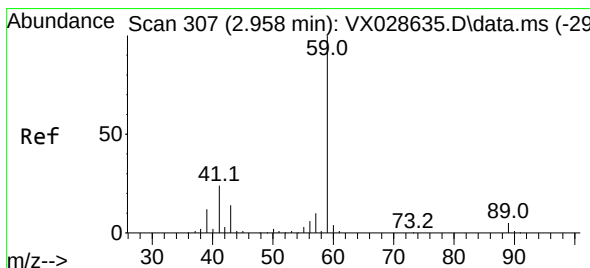
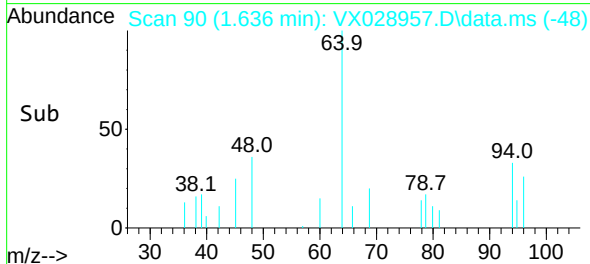
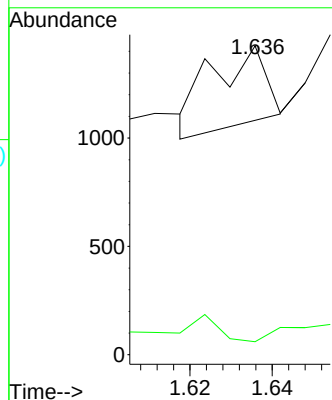
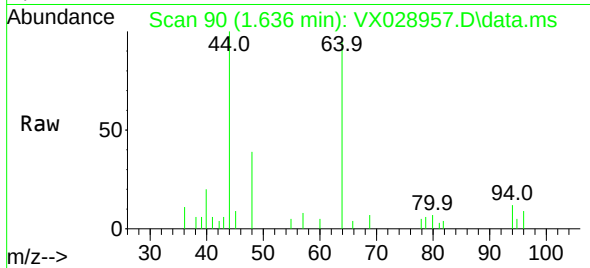




#6
Chloroethane
Concen: Below Cal
RT: 1.636 min Scan# 90
Delta R.T. -0.042 min
Lab File: VX028957.D
Acq: 25 May 2022 17:47

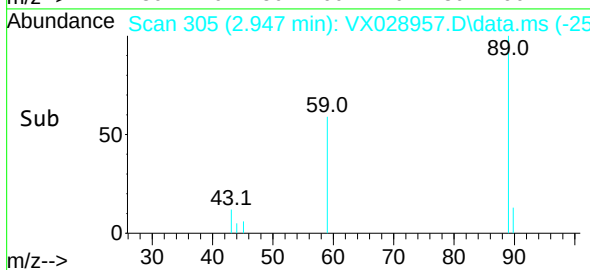
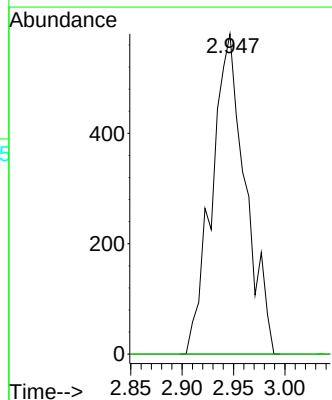
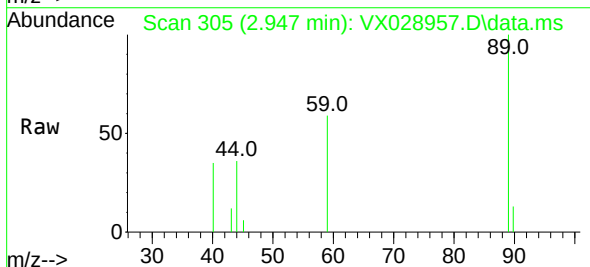
Instrument :
MSVOA_X
ClientSampleId :
TGMP-1

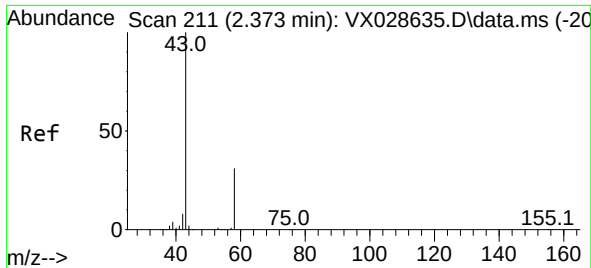
Tgt Ion: 64 Resp: 340
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 305
Delta R.T. -0.011 min
Lab File: VX028957.D
Acq: 25 May 2022 17:47

Tgt Ion: 59 Resp: 1315
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

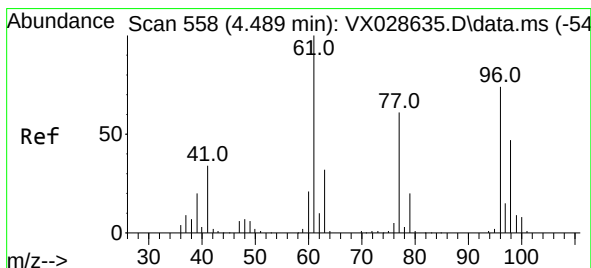
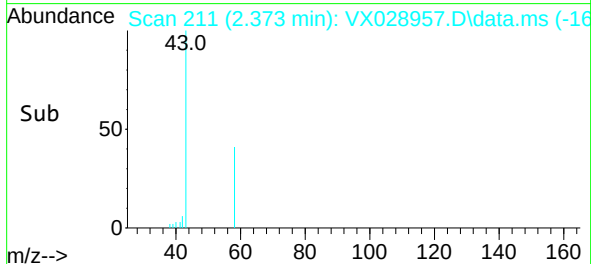
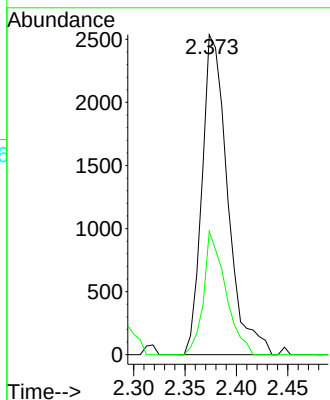
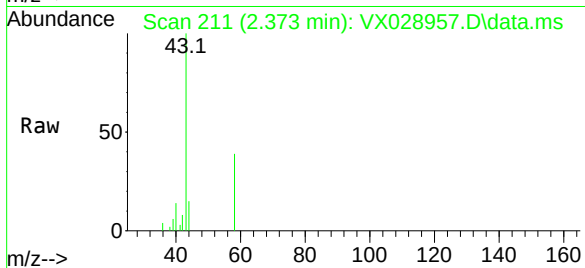




#16
Acetone
Concen: 2.379 ug/l
RT: 2.373 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX028957.D
Acq: 25 May 2022 17:47

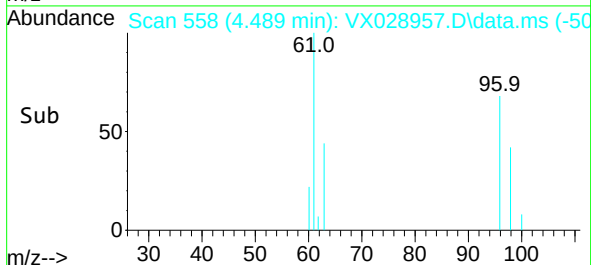
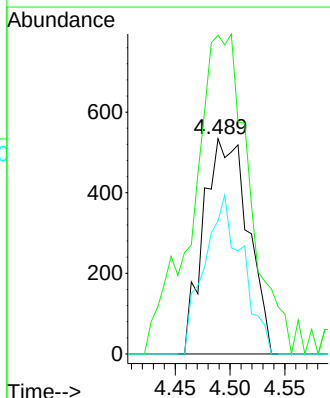
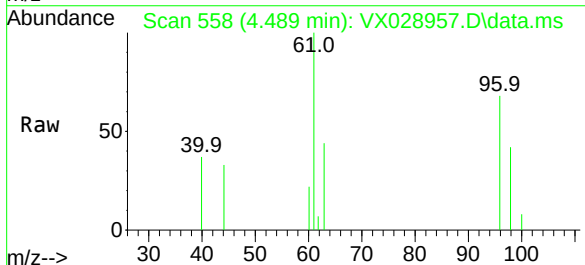
Instrument :
MSVOA_X
ClientSampleId :
TGMP-1

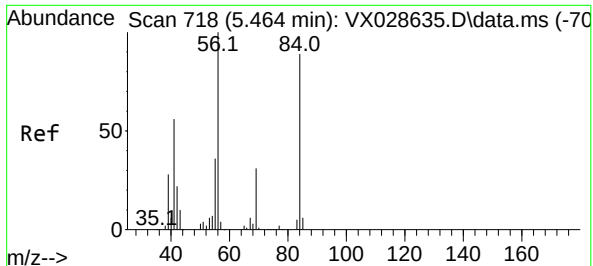
Tgt Ion: 43 Resp: 4397
Ion Ratio Lower Upper
43 100
58 38.5 28.8 43.2



#27
cis-1,2-Dichloroethene
Concen: 0.351 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX028957.D
Acq: 25 May 2022 17:47

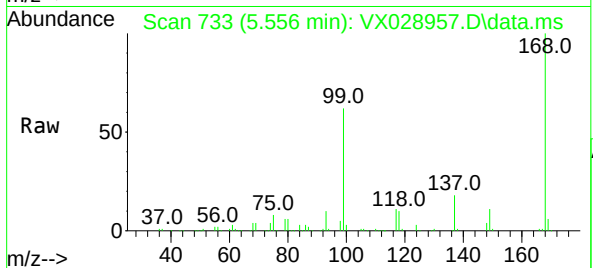
Tgt Ion: 96 Resp: 1502
Ion Ratio Lower Upper
96 100
61 189.5 0.0 283.8
98 63.6 0.0 129.8



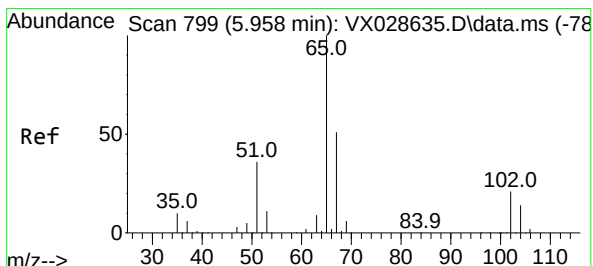
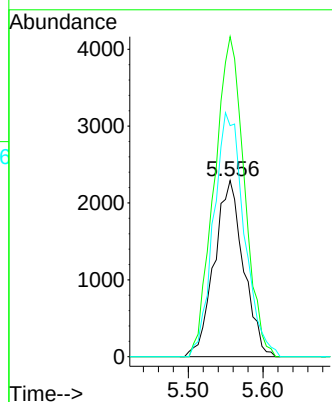
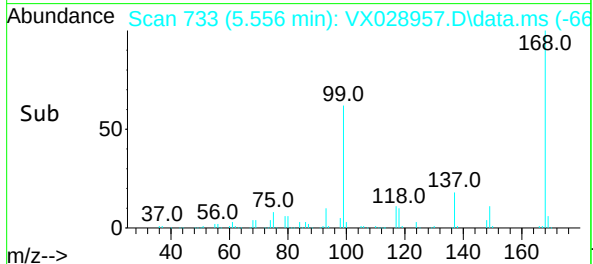


#31
Cyclohexane
Concen: 1.044 ug/l
RT: 5.556 min Scan# 718
Delta R.T. 0.092 min
Lab File: VX028957.D
Acq: 25 May 2022 17:47

Instrument :
MSVOA_X
ClientSampleId :
TGMP-1

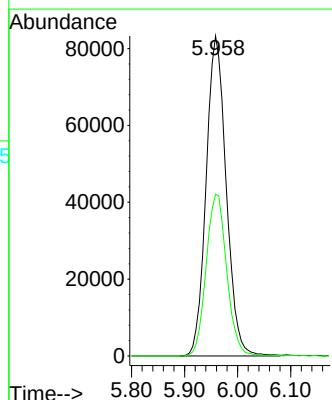
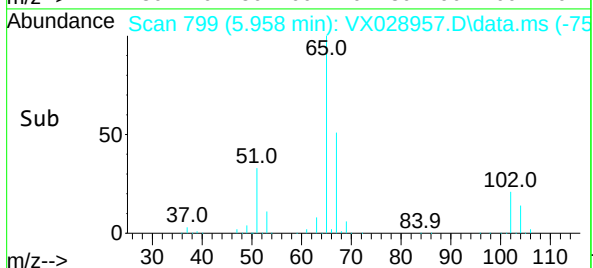
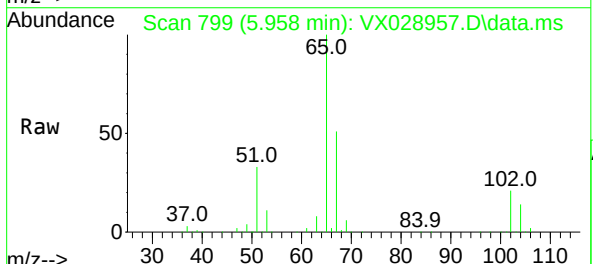


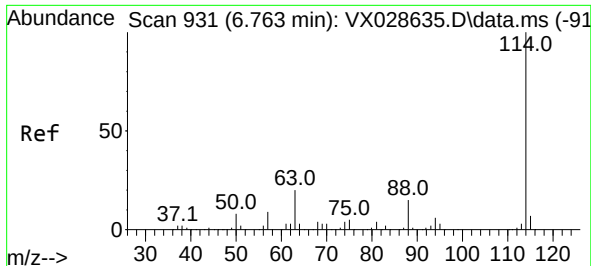
Tgt Ion: 56 Resp: 6241
Ion Ratio Lower Upper
56 100
69 181.6 26.7 40.1#
84 131.1 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 50.846 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028957.D
Acq: 25 May 2022 17:47

Tgt Ion: 65 Resp: 218933
Ion Ratio Lower Upper
65 100
67 51.7 0.0 107.4

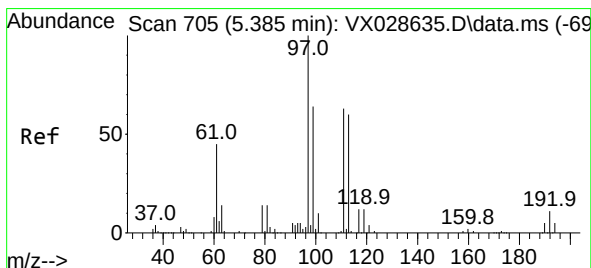
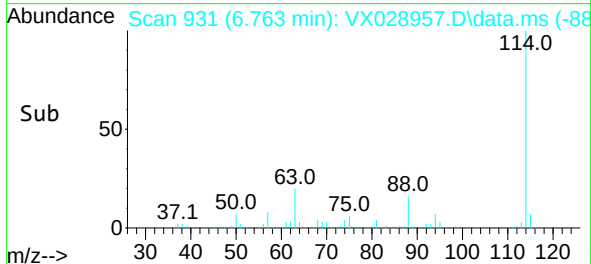
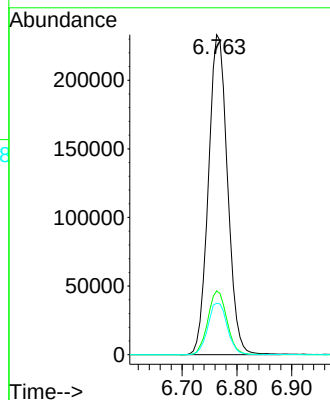
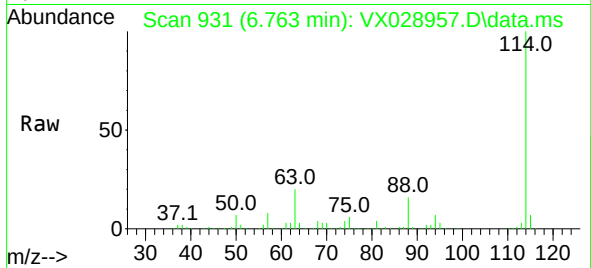




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX028957.D
Acq: 25 May 2022 17:47

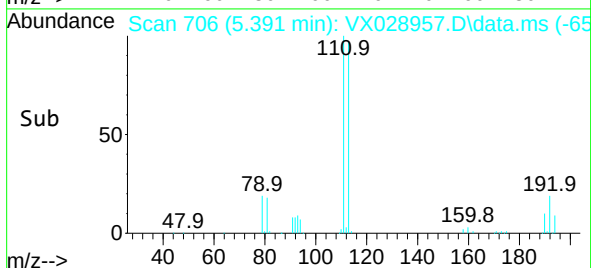
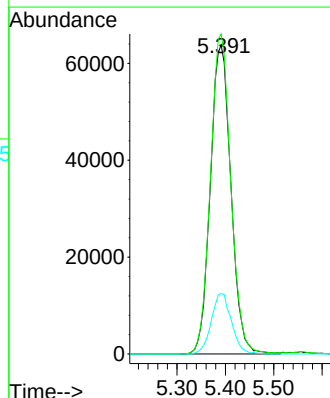
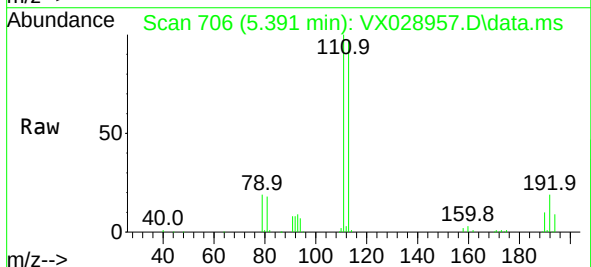
Instrument :
MSVOA_X
ClientSampleId :
TGMP-1

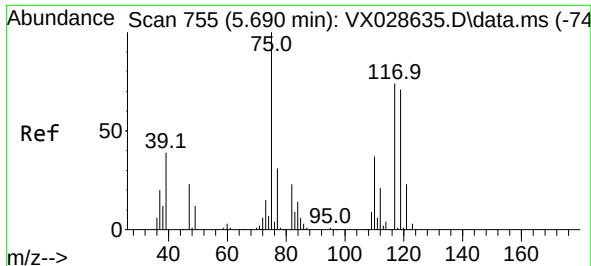
Tgt Ion:114 Resp: 564003
Ion Ratio Lower Upper
114 100
63 20.0 0.0 36.8
88 16.1 0.0 32.4



#35
Dibromofluoromethane
Concen: 51.101 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028957.D
Acq: 25 May 2022 17:47

Tgt Ion:113 Resp: 188830
Ion Ratio Lower Upper
113 100
111 102.4 82.8 124.2
192 19.1 16.9 25.3

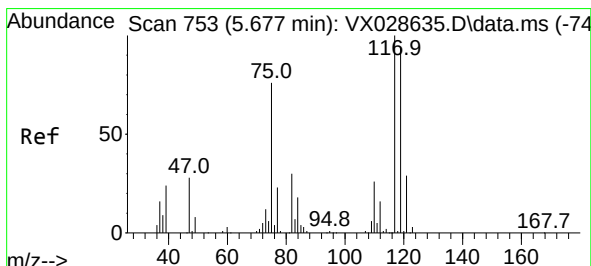
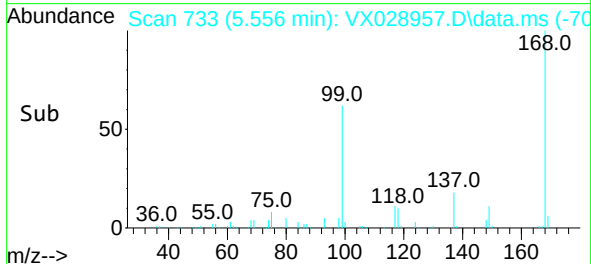
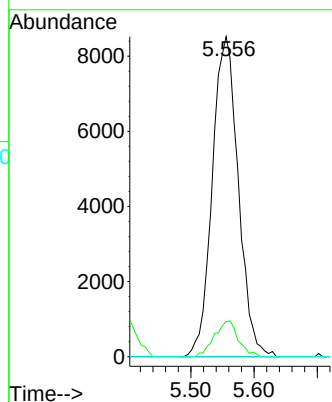
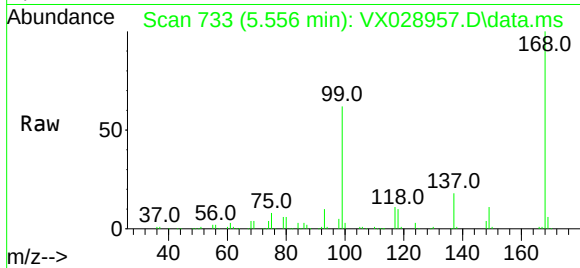




#36
1,1-Dichloropropene
Concen: 4.378 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.134 min
Lab File: VX028957.D
Acq: 25 May 2022 17:47

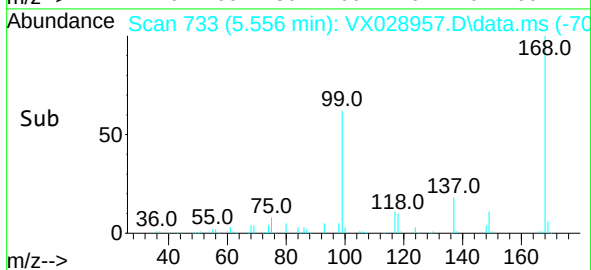
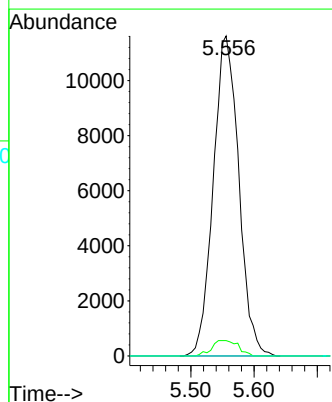
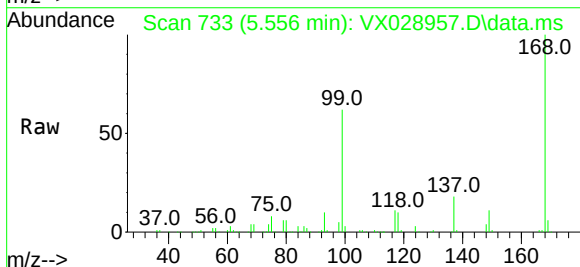
Instrument :
MSVOA_X
ClientSampleId :
TGMP-1

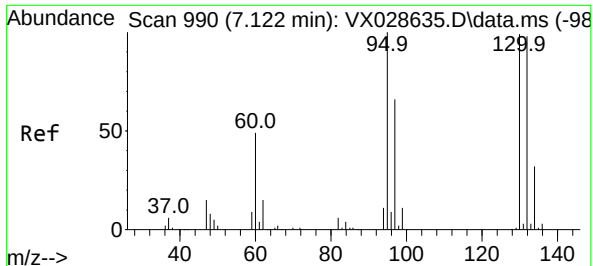
Tgt Ion: 75 Resp: 24301
Ion Ratio Lower Upper
75 100
110 10.3 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.821 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.121 min
Lab File: VX028957.D
Acq: 25 May 2022 17:47

Tgt Ion: 117 Resp: 32511
Ion Ratio Lower Upper
117 100
119 4.8 77.3 115.9#
121 0.0 24.2 36.2#

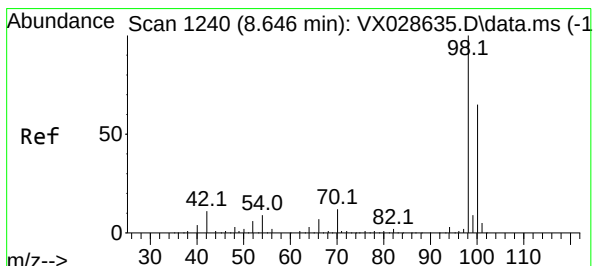
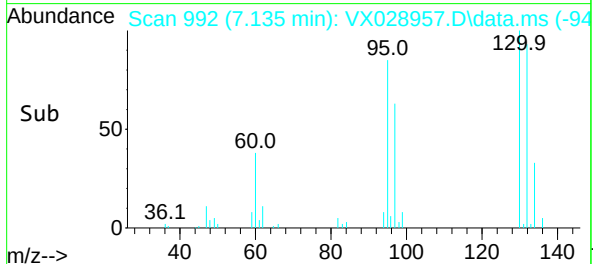
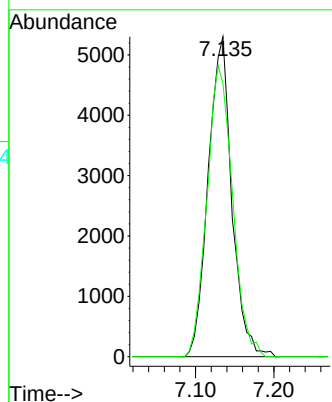
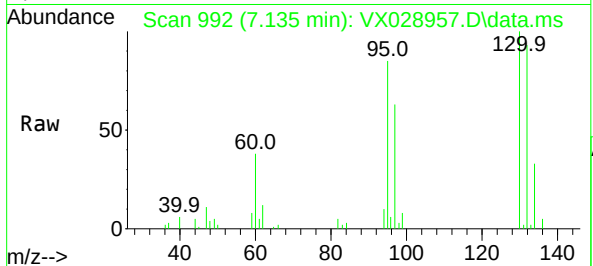




#44
Trichloroethene
Concen: 2.567 ug/l
RT: 7.135 min Scan# 99
Delta R.T. 0.013 min
Lab File: VX028957.D
Acq: 25 May 2022 17:47

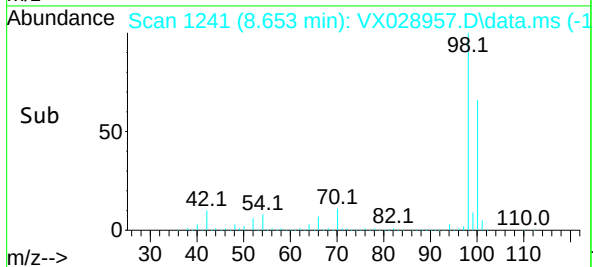
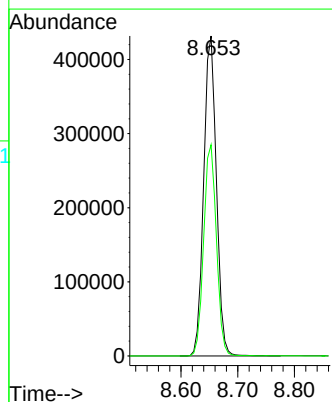
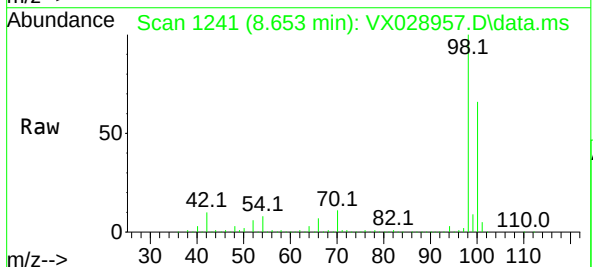
Instrument :
MSVOA_X
ClientSampleId :
TGMP-1

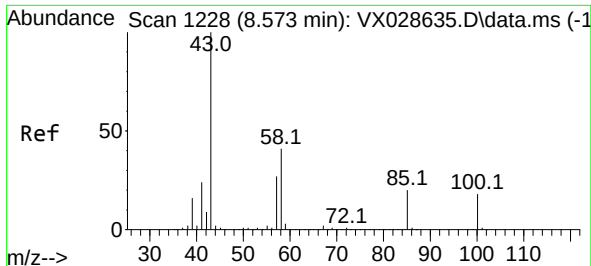
Tgt Ion:130 Resp: 11107
Ion Ratio Lower Upper
130 100
95 85.4 0.0 188.8



#50
Toluene-d8
Concen: 48.171 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX028957.D
Acq: 25 May 2022 17:47

Tgt Ion: 98 Resp: 671115
Ion Ratio Lower Upper
98 100
100 66.3 52.6 78.8

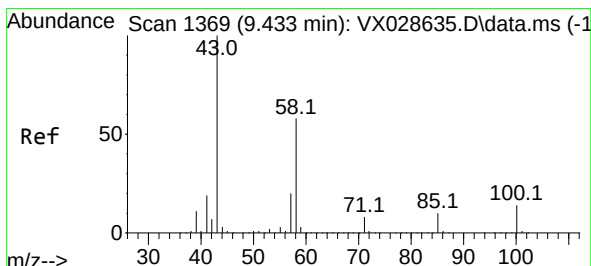
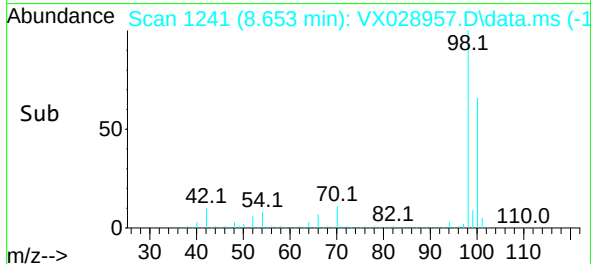
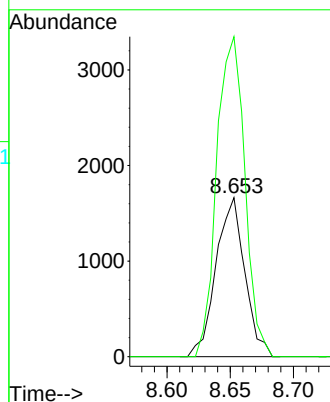
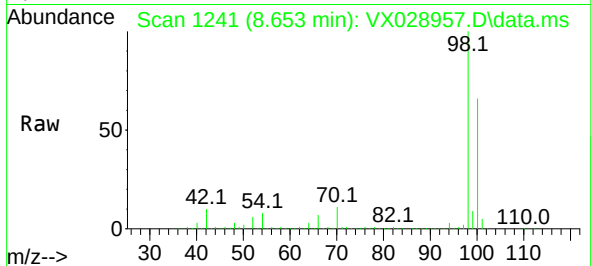




#51
4-Methyl-2-Pentanone
Concen: 0.441 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.080 min
Lab File: VX028957.D
Acq: 25 May 2022 17:47

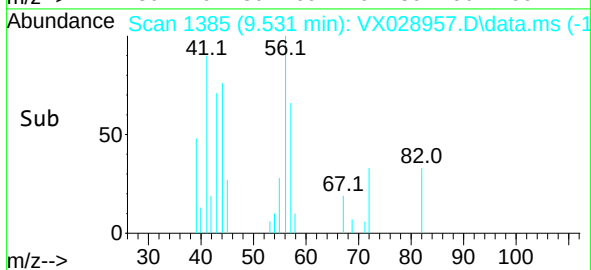
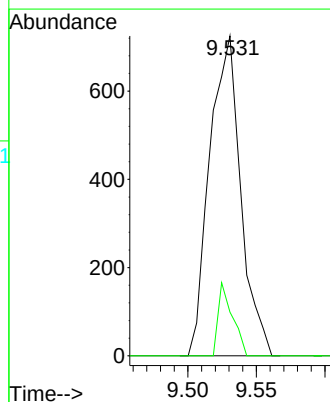
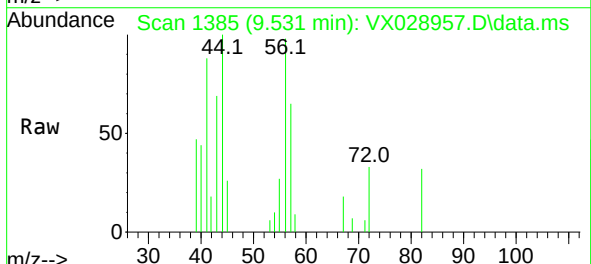
Instrument :
MSVOA_X
ClientSampleId :
TGMP-1

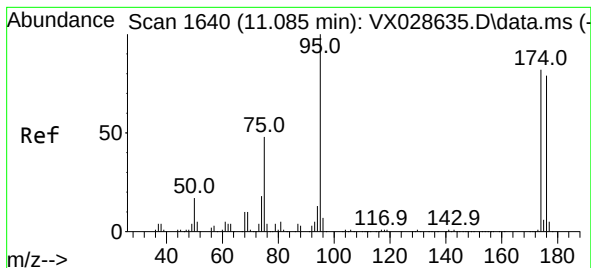
Tgt Ion: 43 Resp: 2632
Ion Ratio Lower Upper
43 100
58 196.5 36.1 54.1#



#59
2-Hexanone
Concen: 0.247 ug/l
RT: 9.531 min Scan# 1385
Delta R.T. 0.098 min
Lab File: VX028957.D
Acq: 25 May 2022 17:47

Tgt Ion: 43 Resp: 1146
Ion Ratio Lower Upper
43 100
58 10.5 31.9 95.7#

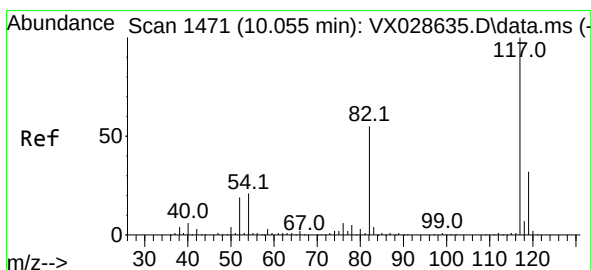
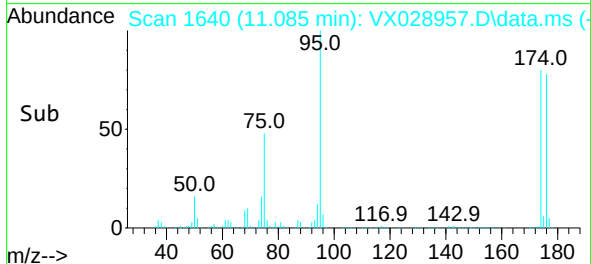
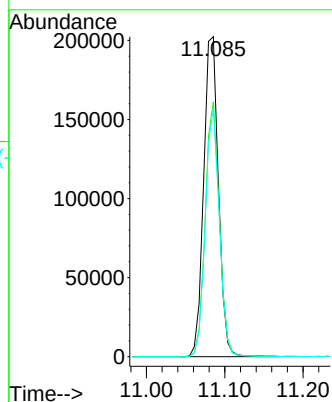
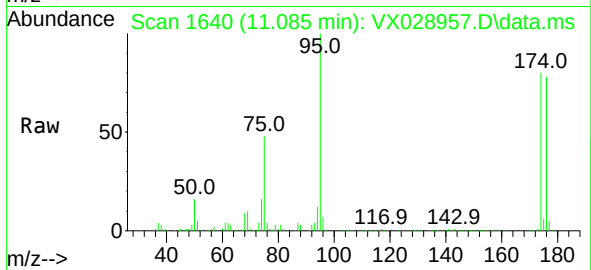




#62
4-Bromofluorobenzene
Concen: 50.979 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX028957.D
Acq: 25 May 2022 17:47

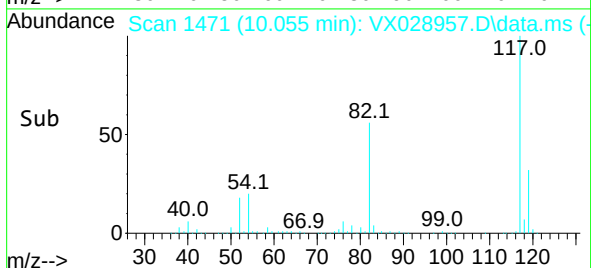
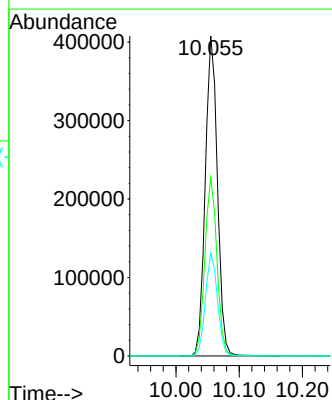
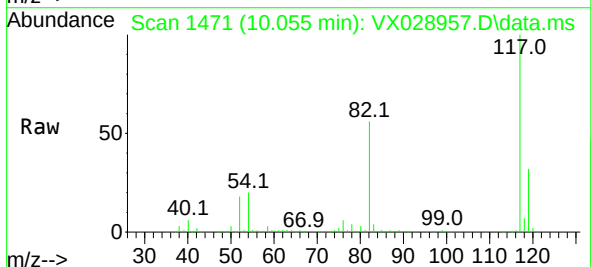
Instrument :
MSVOA_X
ClientSampleId :
TGMP-1

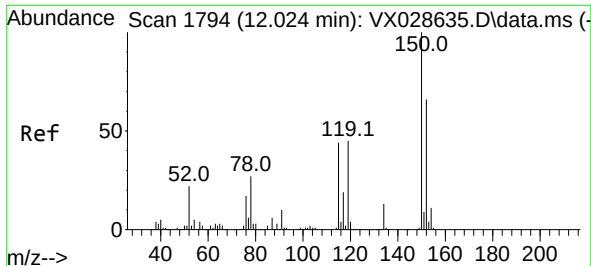
Tgt Ion: 95 Resp: 265278
Ion Ratio Lower Upper
95 100
174 76.2 0.0 163.0
176 73.7 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028957.D
Acq: 25 May 2022 17:47

Tgt Ion: 117 Resp: 545591
Ion Ratio Lower Upper
117 100
82 55.7 41.8 62.8
119 32.1 24.8 37.2

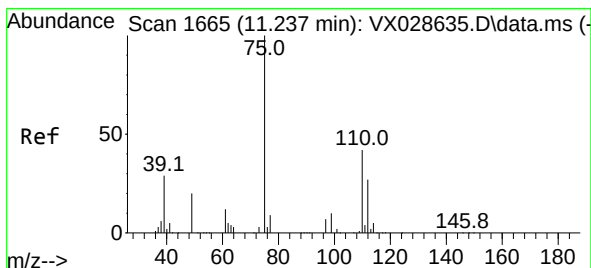
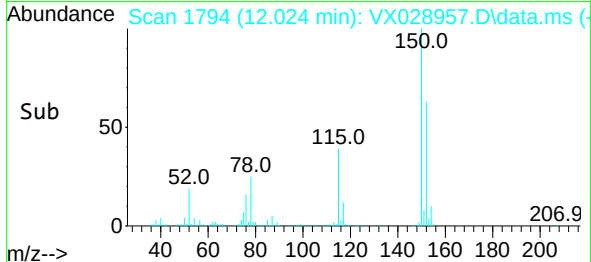
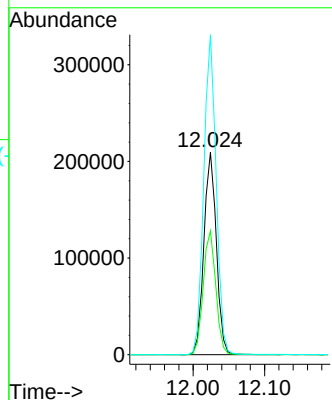
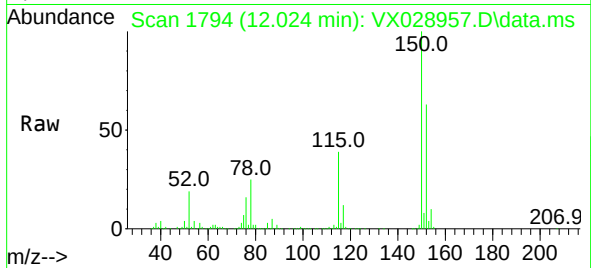




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX028957.D
 Acq: 25 May 2022 17:47

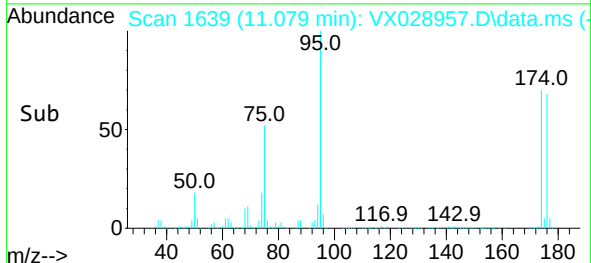
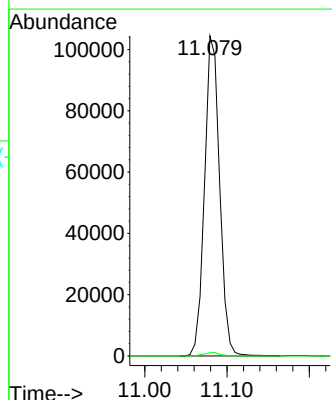
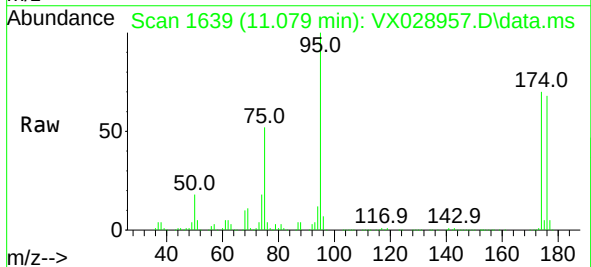
Instrument :
 MSVOA_X
 ClientSampleId :
 TGMP-1

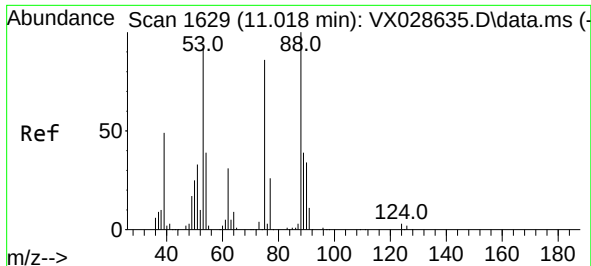
Tgt Ion:152 Resp: 253802
 Ion Ratio Lower Upper
 152 100
 115 61.8 37.5 112.7
 150 156.9 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 22.412 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX028957.D
 Acq: 25 May 2022 17:47

Tgt Ion: 75 Resp: 133211
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.4 58.2#

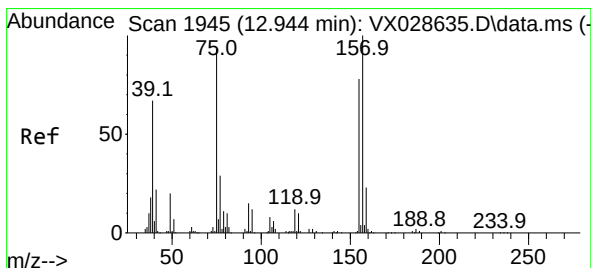
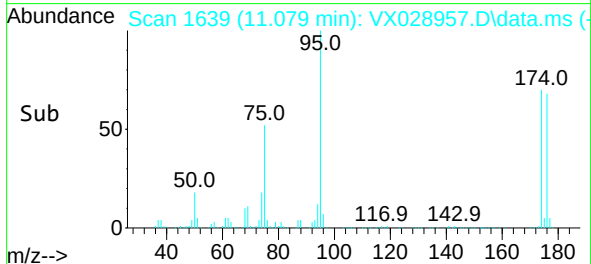
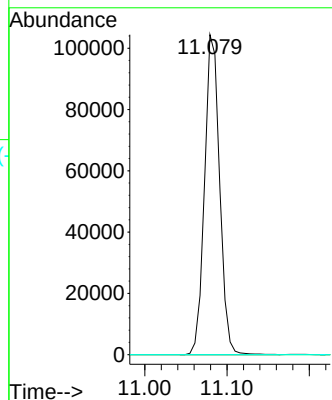
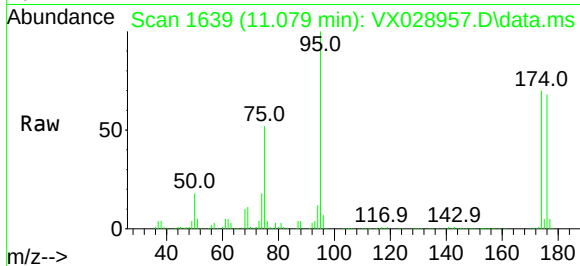




#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.555 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX028957.D
 Acq: 25 May 2022 17:47

Instrument :
 MSVOA_X
 ClientSampleId :
 TGMP-1

Tgt Ion: 75 Resp: 133211
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.253 ug/l
 RT: 12.762 min Scan# 1915
 Delta R.T. -0.182 min
 Lab File: VX028957.D
 Acq: 25 May 2022 17:47

Tgt Ion: 75 Resp: 357
 Ion Ratio Lower Upper
 75 100
 155 21.8 47.0 141.2#
 157 0.0 57.9 173.6#

