

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052522\
 Data File : VX028959.D
 Acq On : 25 May 2022 18:34
 Operator : JC/MD
 Sample : N2981-23
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TGMP-4

Quant Time: May 26 05:46:33 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.	T.Q	Ion	Response	Conc	Units	Dev(Min)

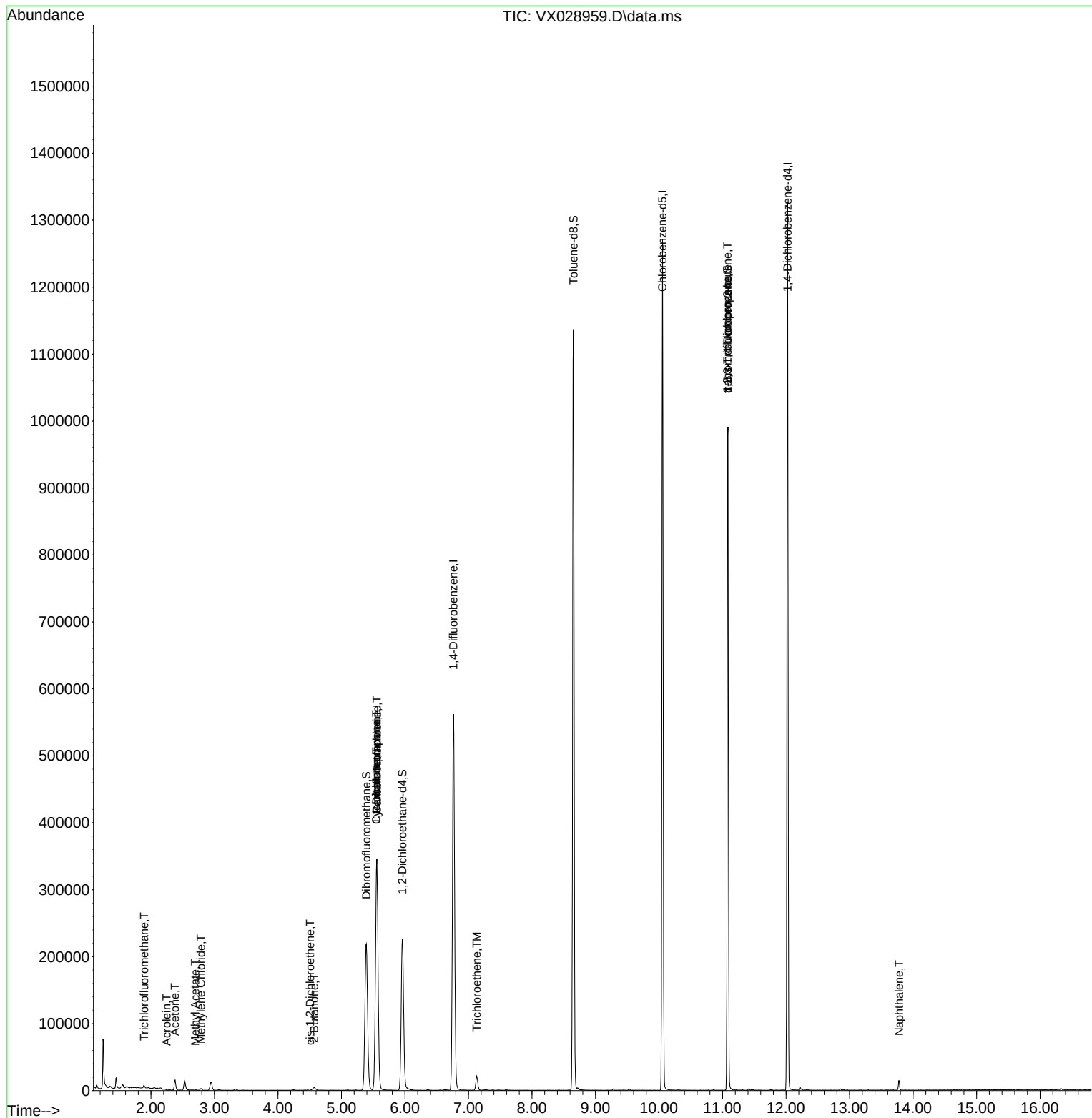
Internal Standards							
1) Pentafluorobenzene	5.556	168		322667	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114		583127	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117		567124	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152		267242	50.000	ug/l	0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.958	65		227045	51.333	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	102.660%	
35) Dibromofluoromethane	5.391	113		197081	51.584	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	103.160%	
50) Toluene-d8	8.653	98		697125	48.397	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.800%	
62) 4-Bromofluorobenzene	11.079	95		275216	51.155	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	102.300%	
Target Compounds							
							Qvalue
5) Bromomethane	1.618	94		785	Below Cal		91
6) Chloroethane	1.642	64		348	Below Cal	#	43
7) Trichlorofluoromethane	1.892	101		2474	0.362	ug/l	84
11) Tert butyl alcohol	2.947	59		7436	Below Cal	#	76
13) Acrolein	2.246	56		294	0.405	ug/l	# 57
16) Acetone	2.380	43		16550	8.719	ug/l	99
18) Methyl Acetate	2.697	43		985	0.207	ug/l	# 54
20) Methylene Chloride	2.788	84		1044	0.262	ug/l	# 88
25) 2-Butanone	4.568	43		2419	0.812	ug/l	99
27) cis-1,2-Dichloroethene	4.507	96		1118	0.254	ug/l	60
31) Cyclohexane	5.550	56		6597	1.075	ug/l	# 20
36) 1,1-Dichloropropene	5.550	75		24471	4.264	ug/l	# 50
38) Carbon Tetrachloride	5.556	117		33961	5.881	ug/l	# 15
44) Trichloroethene	7.129	130		8511	1.903	ug/l	88
76) 1,2,3-Trichloropropane	11.079	75		139861	22.347	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75		139861	65.377	ug/l	# 15
95) Naphthalene	13.780	128		9545	0.503	ug/l	99

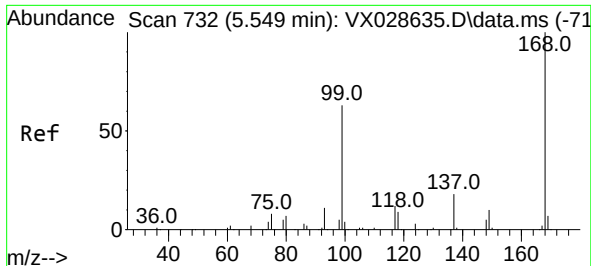
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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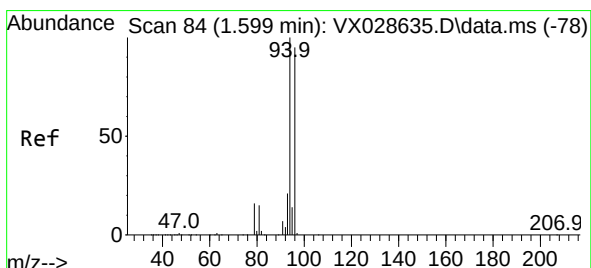
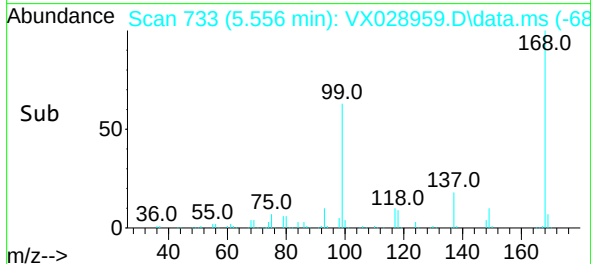
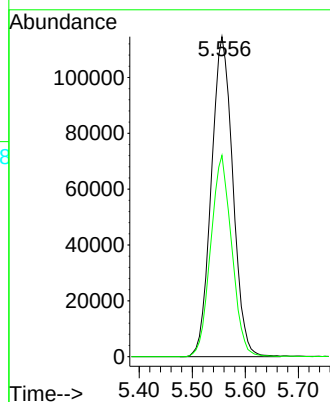
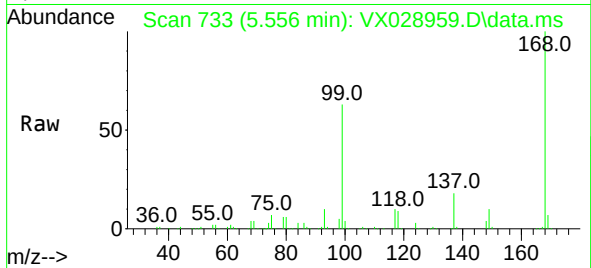




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028959.D
Acq: 25 May 2022 18:34

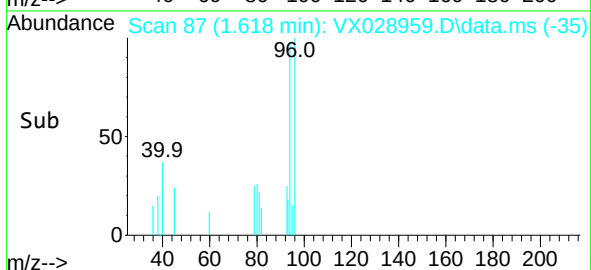
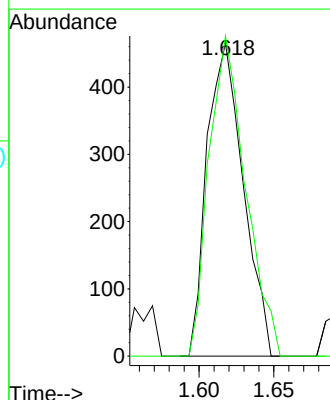
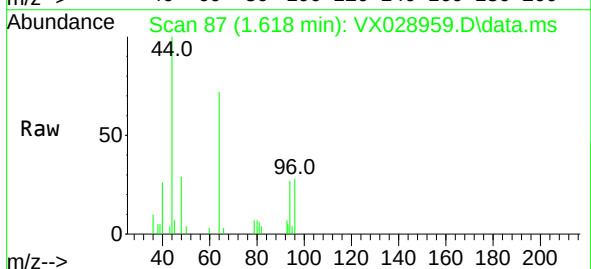
Instrument :
MSVOA_X
ClientSampleId :
TGMP-4

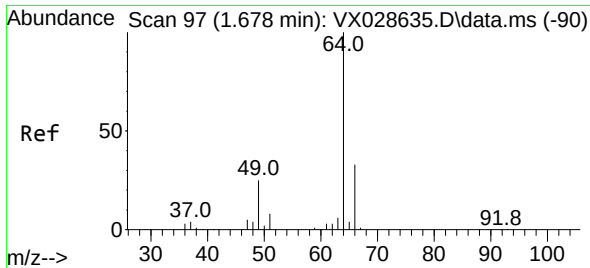
Tgt Ion:168 Resp: 322667
Ion Ratio Lower Upper
168 100
99 62.9 41.7 62.5#



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX028959.D
Acq: 25 May 2022 18:34

Tgt Ion: 94 Resp: 785
Ion Ratio Lower Upper
94 100
96 102.4 75.3 112.9

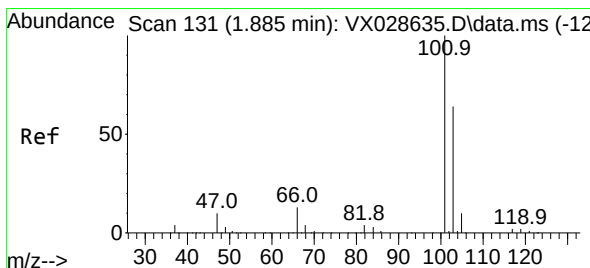
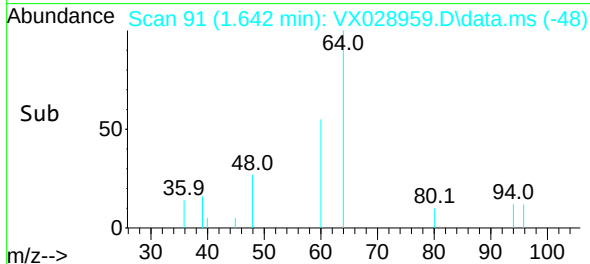
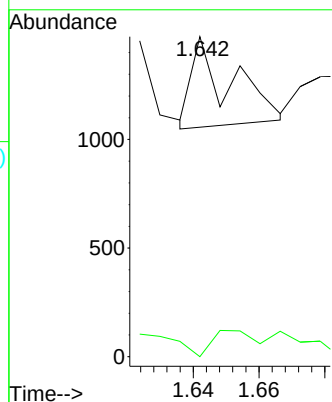
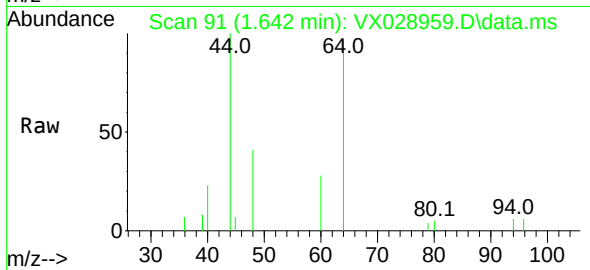




#6
Chloroethane
Concen: Below Cal
RT: 1.642 min Scan# 91
Delta R.T. -0.036 min
Lab File: VX028959.D
Acq: 25 May 2022 18:34

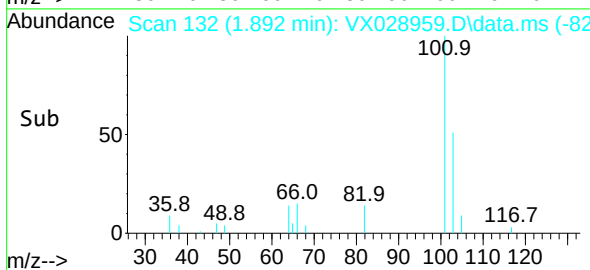
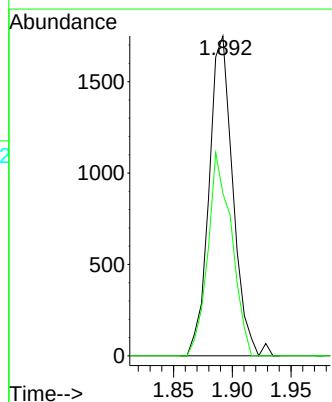
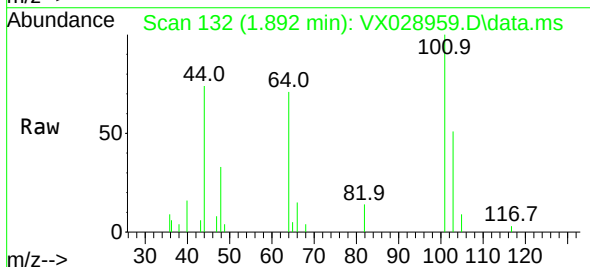
Instrument :
MSVOA_X
ClientSampleId :
TGMP-4

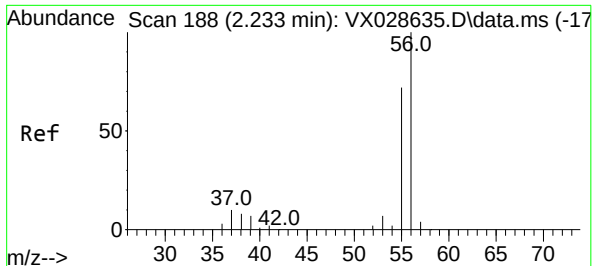
Tgt Ion: 64 Resp: 348
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#7
Trichlorofluoromethane
Concen: 0.362 ug/l
RT: 1.892 min Scan# 132
Delta R.T. 0.007 min
Lab File: VX028959.D
Acq: 25 May 2022 18:34

Tgt Ion: 101 Resp: 2474
Ion Ratio Lower Upper
101 100
103 50.7 50.5 75.7





#13

Acrolein

Concen: 0.405 ug/l

RT: 2.246 min Scan# 190

Delta R.T. 0.013 min

Lab File: VX028959.D

Acq: 25 May 2022 18:34

Instrument :

MSVOA_X

ClientSampleId :

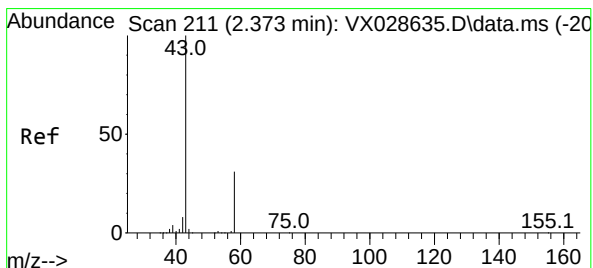
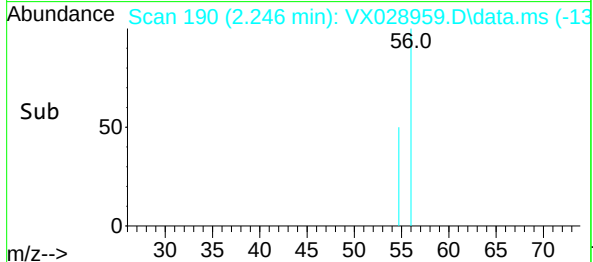
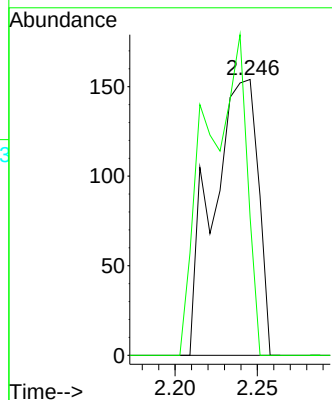
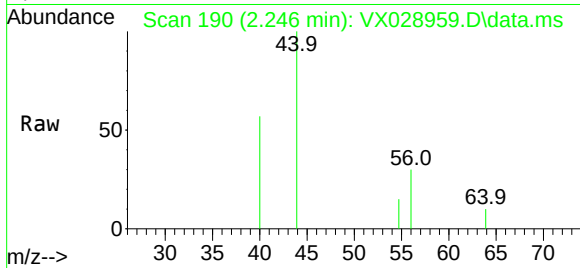
TGMP-4

Tgt Ion: 56 Resp: 294

Ion Ratio Lower Upper

56 100

55 103.7 55.0 82.6#



#16

Acetone

Concen: 8.719 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.007 min

Lab File: VX028959.D

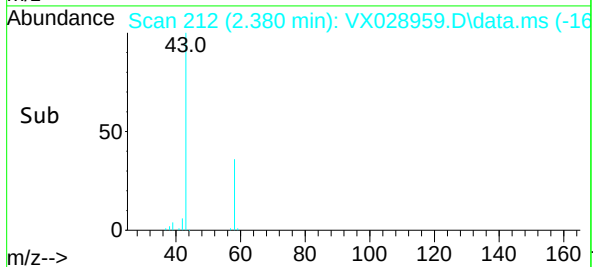
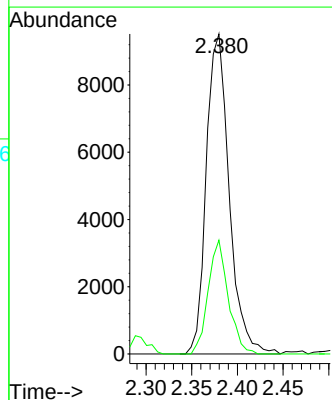
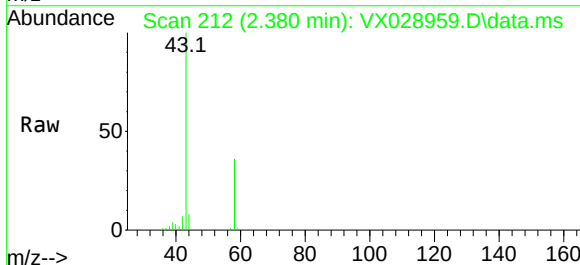
Acq: 25 May 2022 18:34

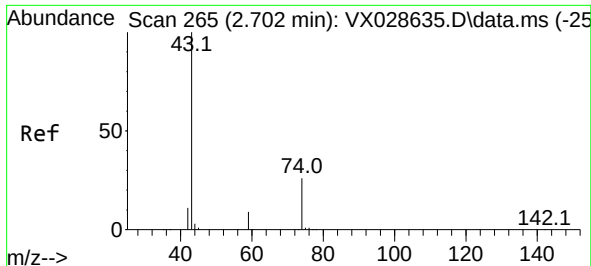
Tgt Ion: 43 Resp: 16550

Ion Ratio Lower Upper

43 100

58 35.6 28.8 43.2

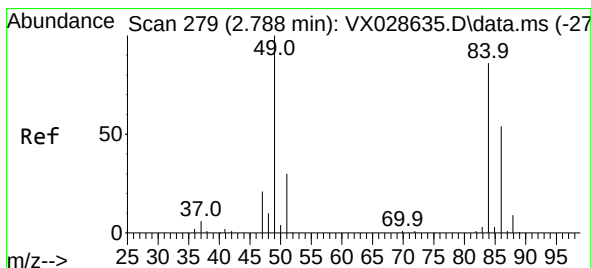
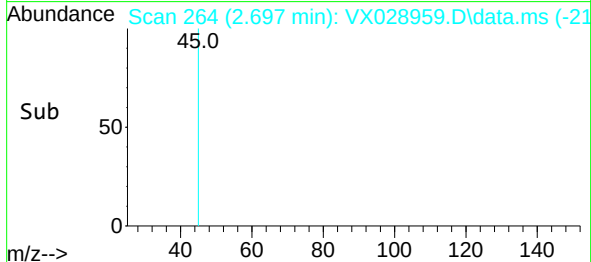
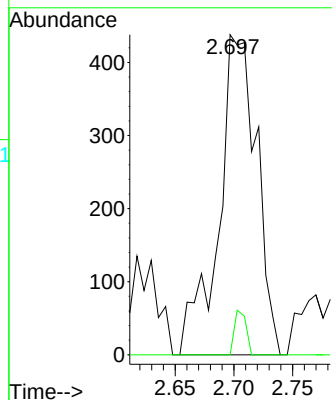
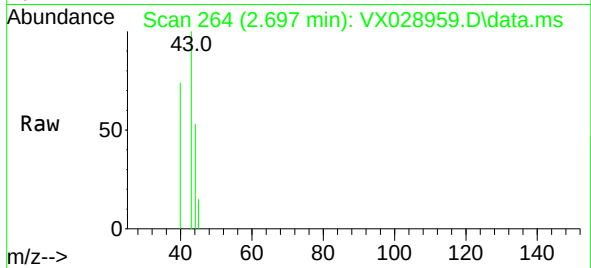




#18
Methyl Acetate
Concen: 0.207 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.005 min
Lab File: VX028959.D
Acq: 25 May 2022 18:34

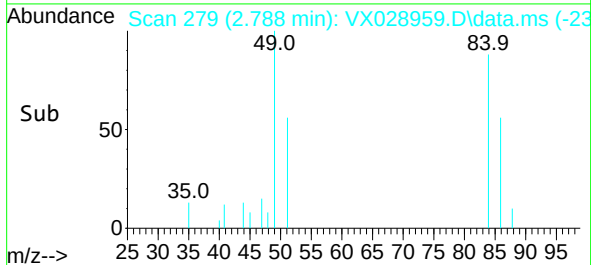
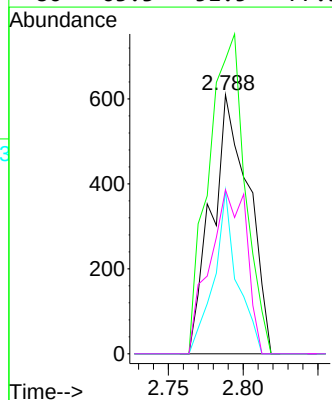
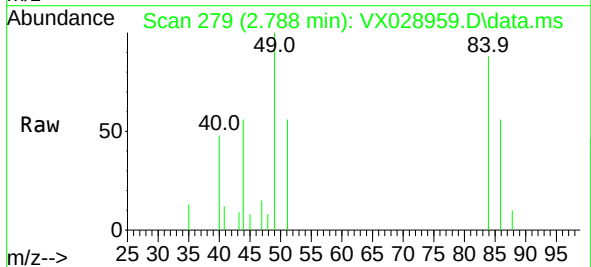
Instrument :
MSVOA_X
ClientSampleId :
TGMP-4

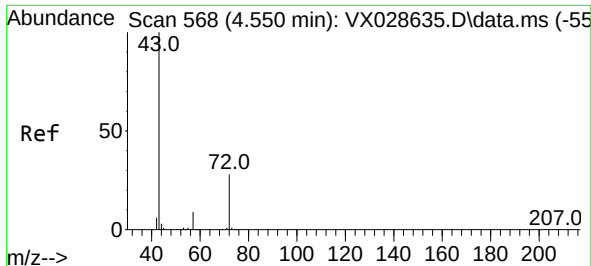
Tgt Ion: 43 Resp: 985
Ion Ratio Lower Upper
43 100
74 4.3 22.8 34.2#



#20
Methylene Chloride
Concen: 0.262 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX028959.D
Acq: 25 May 2022 18:34

Tgt Ion: 84 Resp: 1044
Ion Ratio Lower Upper
84 100
49 113.6 85.5 128.3
51 63.1 26.6 39.8#
86 63.3 51.5 77.3

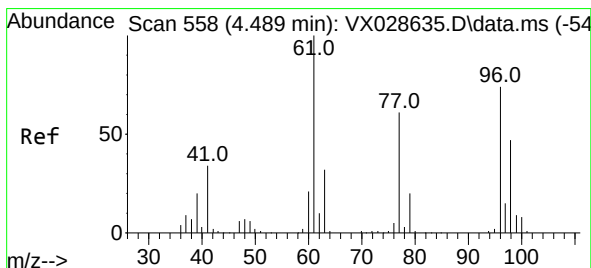
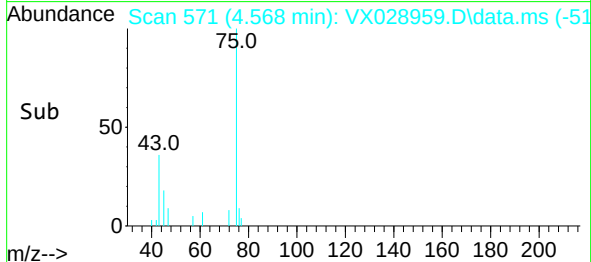
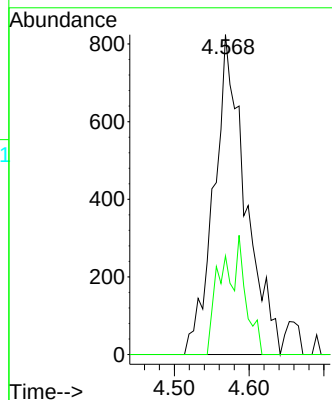
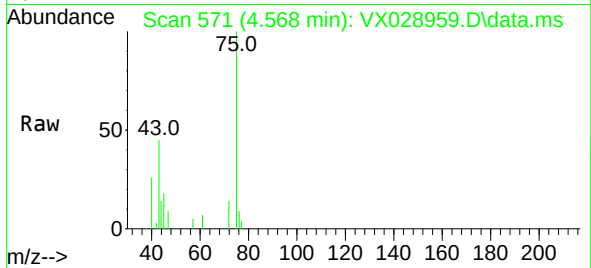




#25
2-Butanone
Concen: 0.812 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX028959.D
Acq: 25 May 2022 18:34

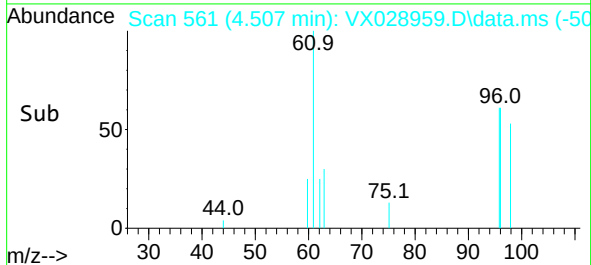
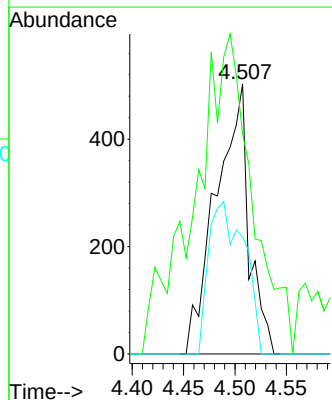
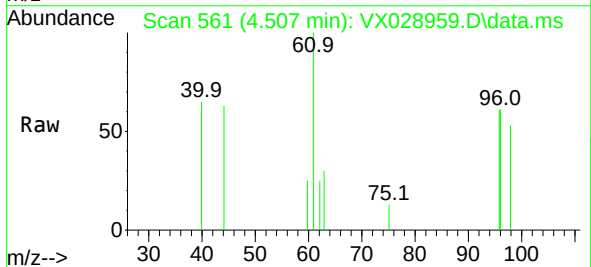
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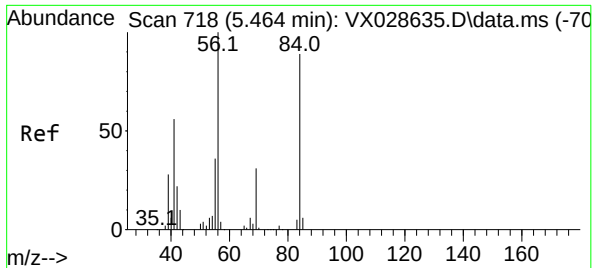
Tgt Ion: 43 Resp: 2419
Ion Ratio Lower Upper
43 100
72 30.8 24.4 36.6



#27
cis-1,2-Dichloroethene
Concen: 0.254 ug/l
RT: 4.507 min Scan# 561
Delta R.T. 0.018 min
Lab File: VX028959.D
Acq: 25 May 2022 18:34

Tgt Ion: 96 Resp: 1118
Ion Ratio Lower Upper
96 100
61 209.9 0.0 283.8
98 61.1 0.0 129.8

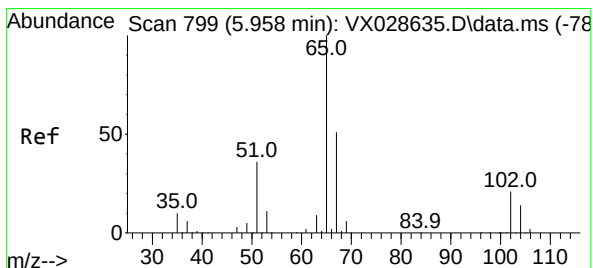
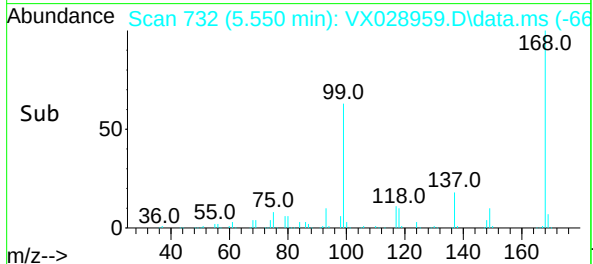
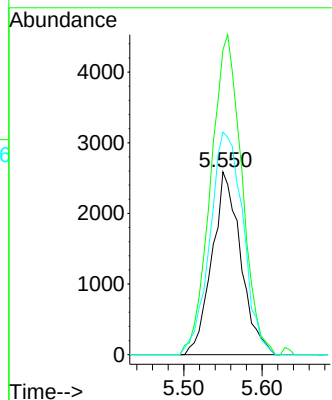
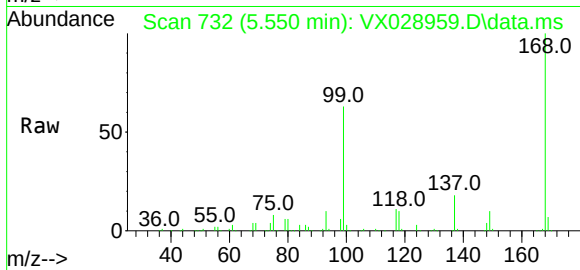




#31
Cyclohexane
Concen: 1.075 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.086 min
Lab File: VX028959.D
Acq: 25 May 2022 18:34

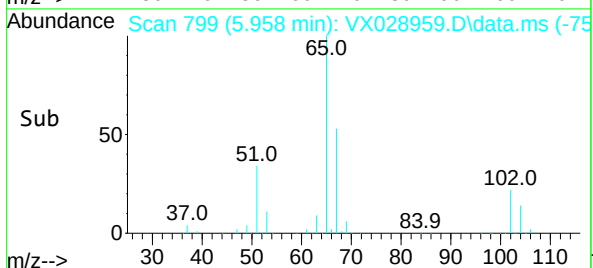
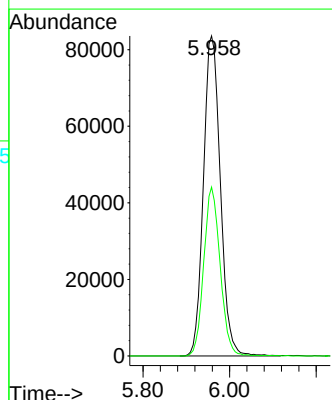
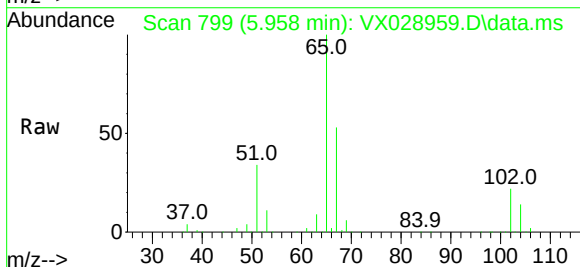
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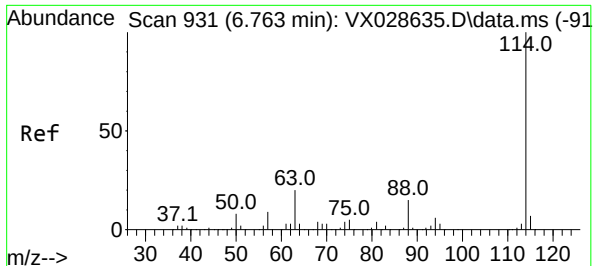
Tgt Ion: 56 Resp: 6597
Ion Ratio Lower Upper
56 100
69 166.8 26.7 40.1#
84 121.8 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 51.333 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028959.D
Acq: 25 May 2022 18:34

Tgt Ion: 65 Resp: 227045
Ion Ratio Lower Upper
65 100
67 51.0 0.0 107.4

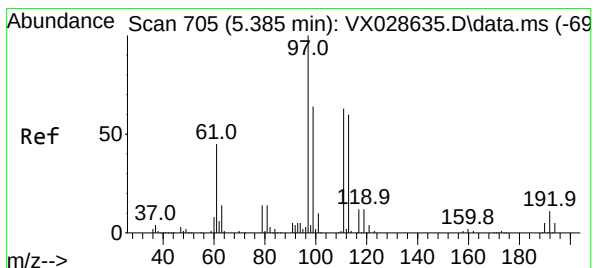
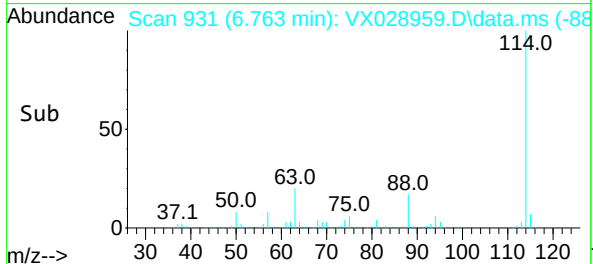
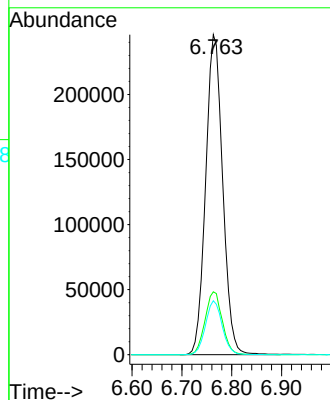
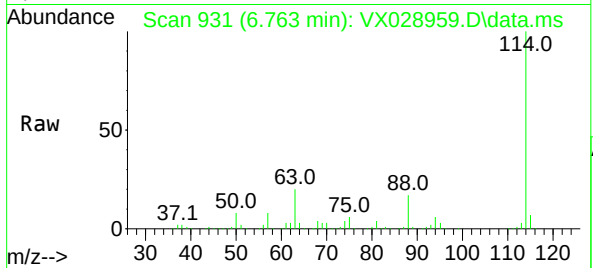




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX028959.D
Acq: 25 May 2022 18:34

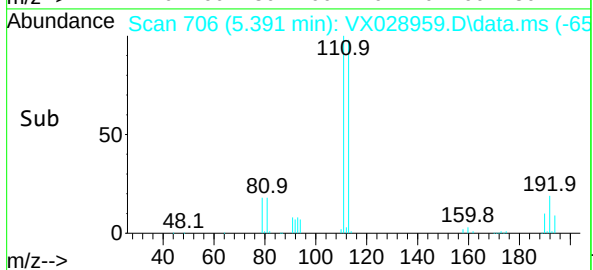
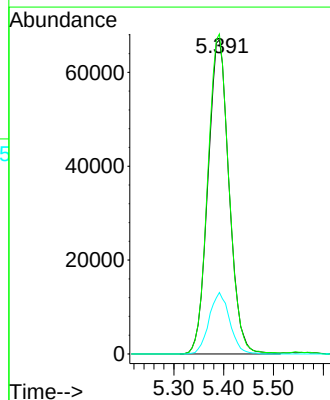
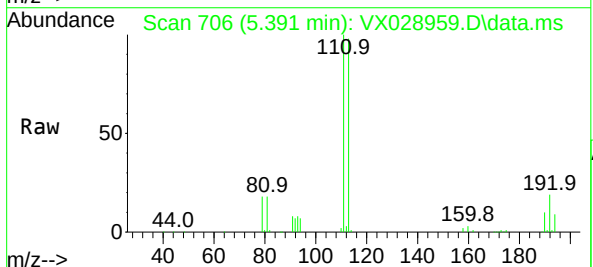
Instrument :
MSVOA_X
ClientSampleId :
TGMP-4

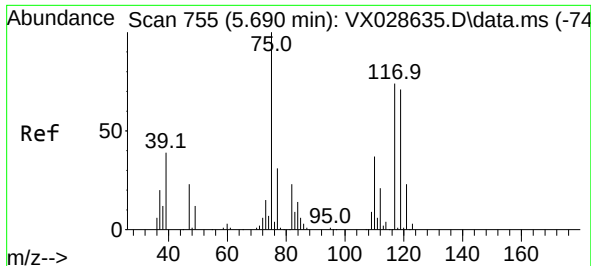
Tgt Ion:114 Resp: 583127
Ion Ratio Lower Upper
114 100
63 19.6 0.0 36.8
88 16.9 0.0 32.4



#35
Dibromofluoromethane
Concen: 51.584 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028959.D
Acq: 25 May 2022 18:34

Tgt Ion:113 Resp: 197081
Ion Ratio Lower Upper
113 100
111 101.4 82.8 124.2
192 19.0 16.9 25.3

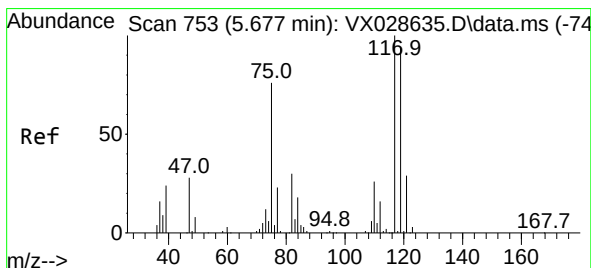
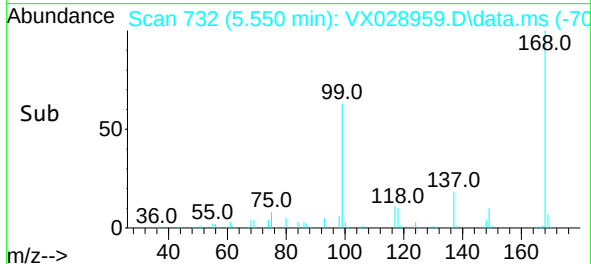
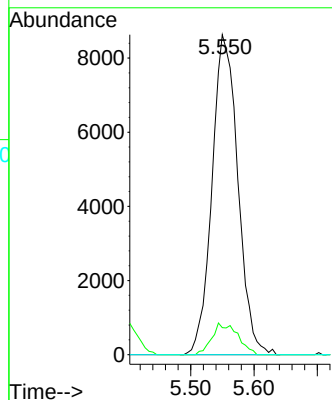
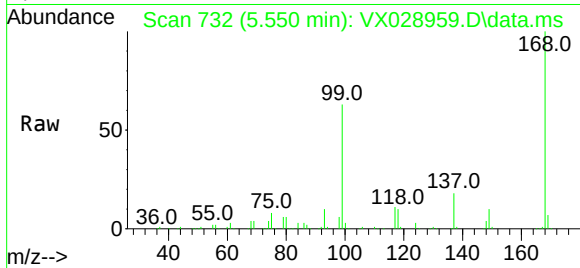




#36
1,1-Dichloropropene
Concen: 4.264 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX028959.D
Acq: 25 May 2022 18:34

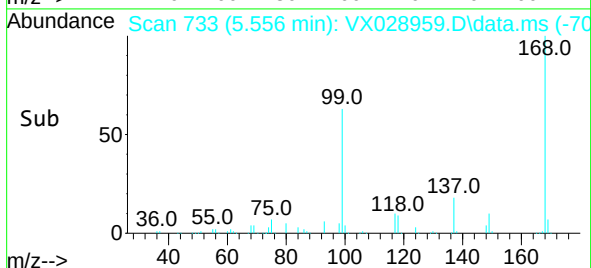
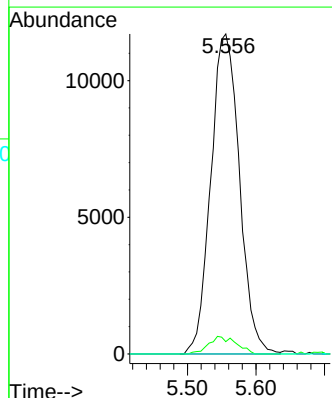
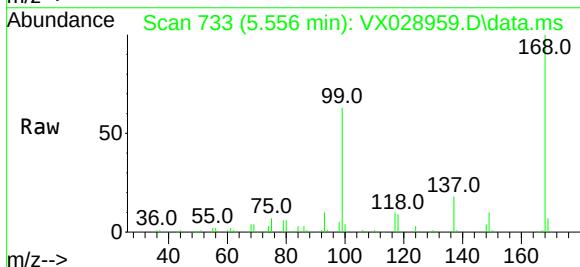
Instrument :
MSVOA_X
ClientSampleId :
TGMP-4

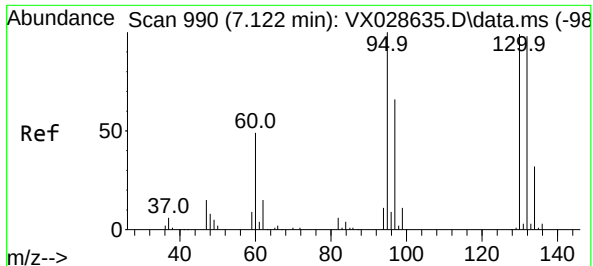
Tgt Ion: 75 Resp: 24471
Ion Ratio Lower Upper
75 100
110 9.8 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.881 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.121 min
Lab File: VX028959.D
Acq: 25 May 2022 18:34

Tgt Ion: 117 Resp: 33961
Ion Ratio Lower Upper
117 100
119 3.8 77.3 115.9#
121 0.0 24.2 36.2#

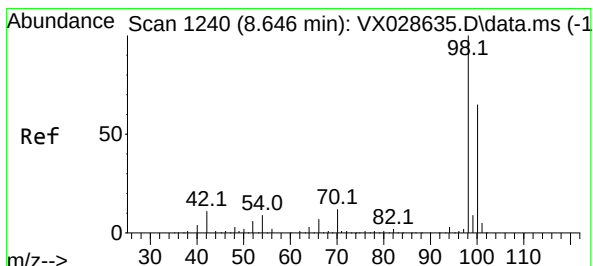
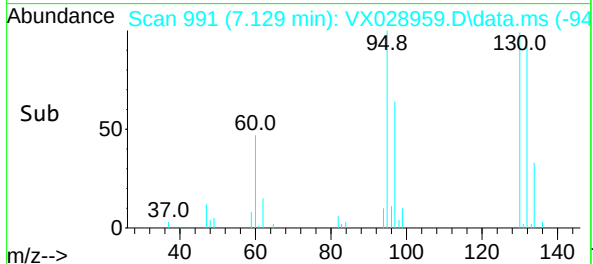
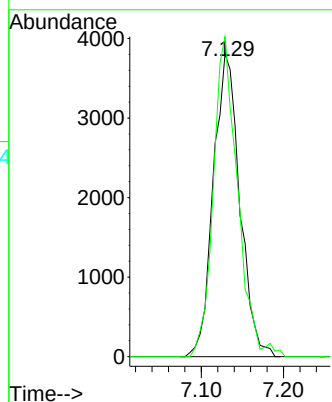
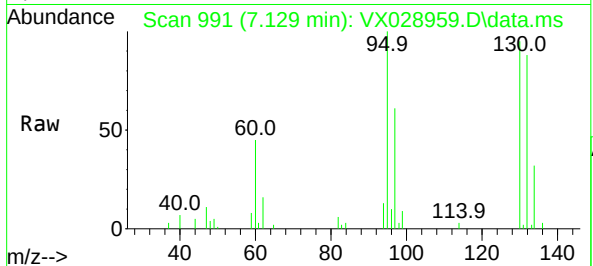




#44
 Trichloroethene
 Concen: 1.903 ug/l
 RT: 7.129 min Scan# 991
 Delta R.T. 0.007 min
 Lab File: VX028959.D
 Acq: 25 May 2022 18:34

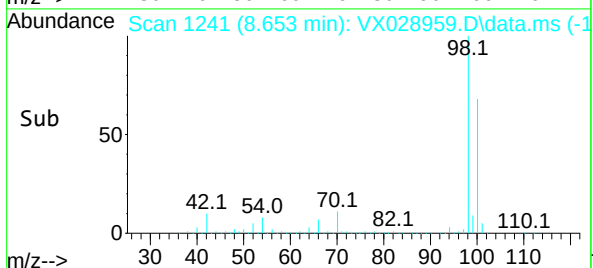
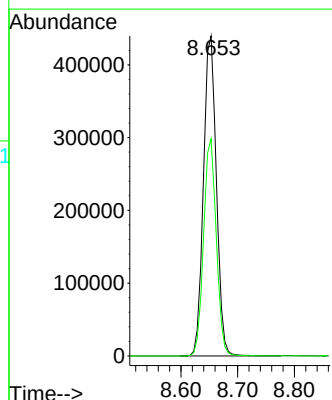
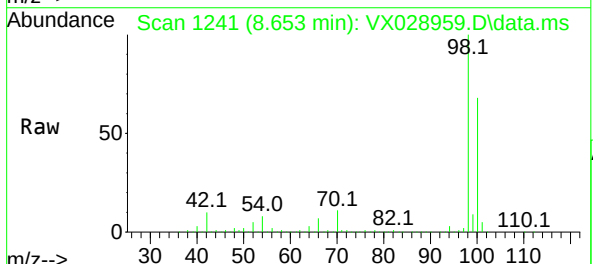
Instrument :
 MSVOA_X
 ClientSampleId :
 TGMP-4

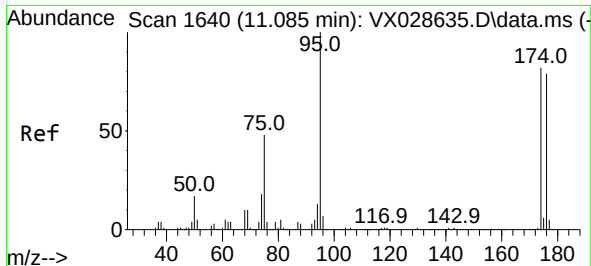
Tgt Ion:130 Resp: 8511
 Ion Ratio Lower Upper
 130 100
 95 105.6 0.0 188.8



#50
 Toluene-d8
 Concen: 48.397 ug/l
 RT: 8.653 min Scan# 1241
 Delta R.T. 0.007 min
 Lab File: VX028959.D
 Acq: 25 May 2022 18:34

Tgt Ion: 98 Resp: 697125
 Ion Ratio Lower Upper
 98 100
 100 66.6 52.6 78.8

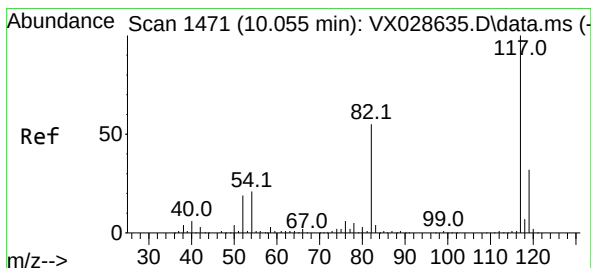
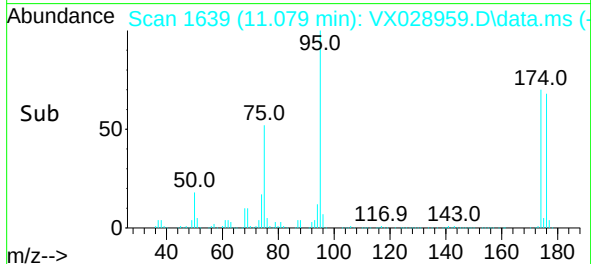
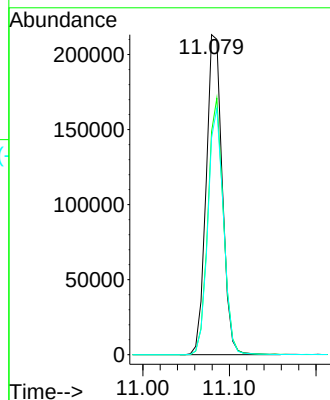
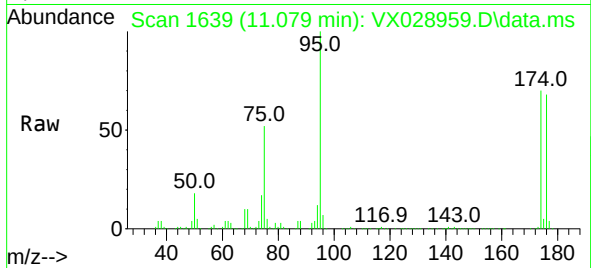




#62
4-Bromofluorobenzene
Concen: 51.155 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028959.D
Acq: 25 May 2022 18:34

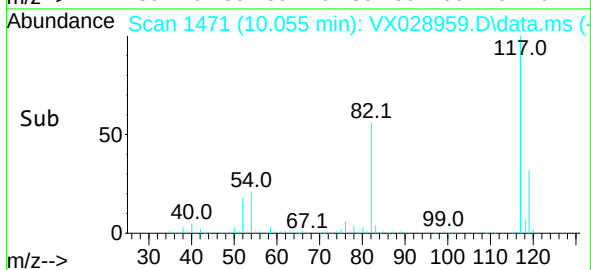
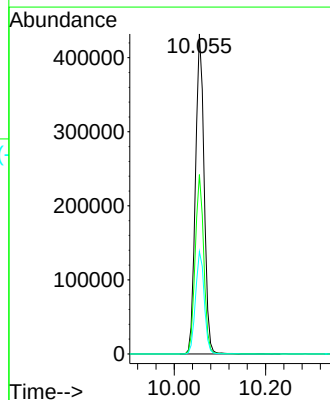
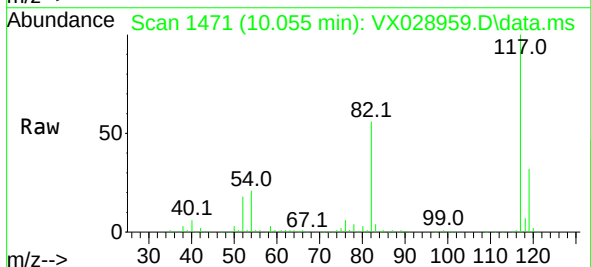
Instrument :
MSVOA_X
ClientSampleId :
TGMP-4

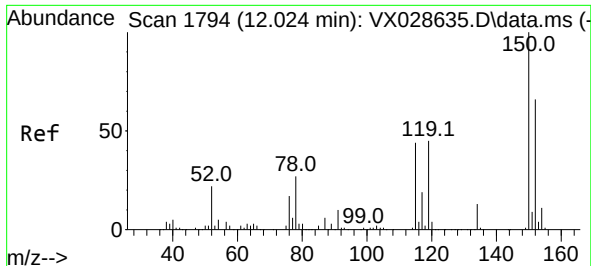
Tgt Ion: 95 Resp: 275216
Ion Ratio Lower Upper
95 100
174 76.8 0.0 163.0
176 74.6 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028959.D
Acq: 25 May 2022 18:34

Tgt Ion: 117 Resp: 567124
Ion Ratio Lower Upper
117 100
82 56.0 41.8 62.8
119 32.0 24.8 37.2

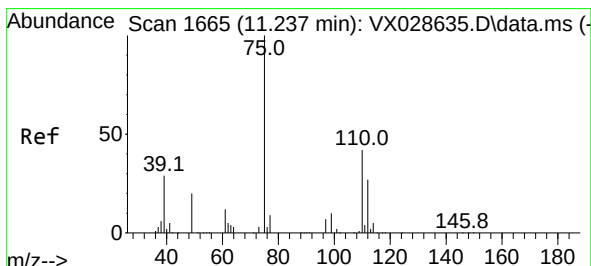
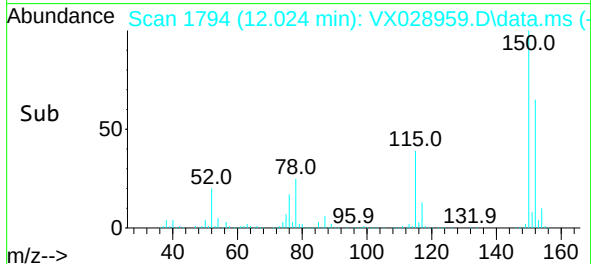
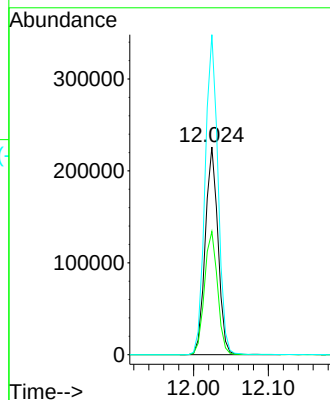
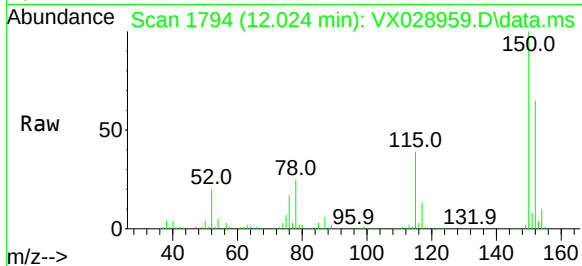




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028959.D
Acq: 25 May 2022 18:34

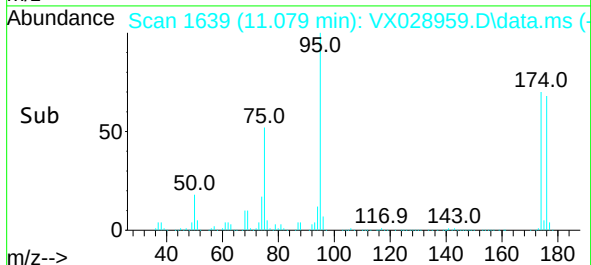
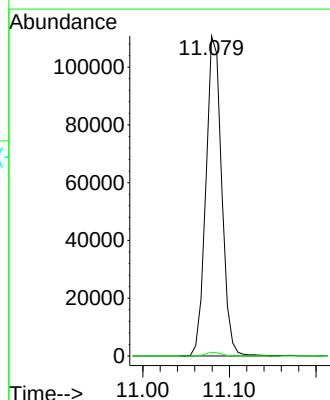
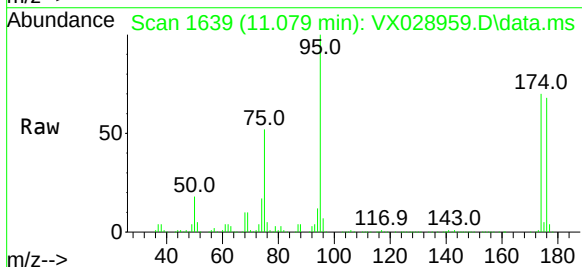
Instrument :
MSVOA_X
ClientSampleId :
TGMP-4

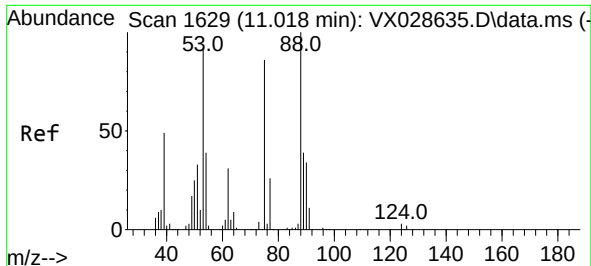
Tgt Ion:152 Resp: 267242
Ion Ratio Lower Upper
152 100
115 60.9 37.5 112.7
150 156.4 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 22.347 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX028959.D
Acq: 25 May 2022 18:34

Tgt Ion: 75 Resp: 139861
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#

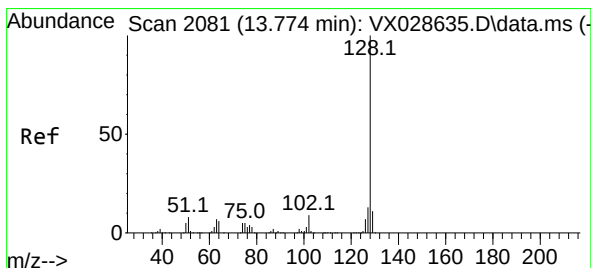
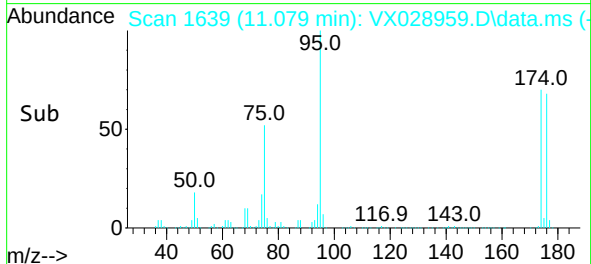
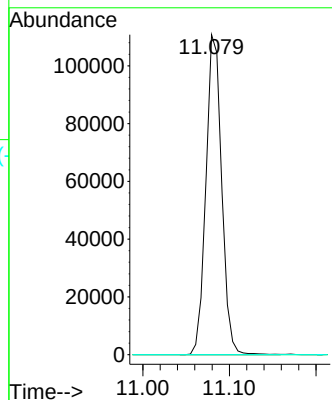
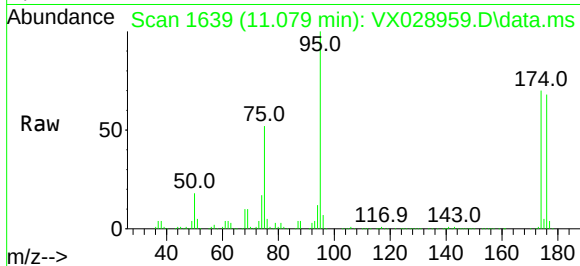




#81
trans-1,4-Dichloro-2-butene
Concen: 65.377 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028959.D
Acq: 25 May 2022 18:34

Instrument :
MSVOA_X
ClientSampleId :
TGMP-4

Tgt Ion: 75 Resp: 139861
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#



#95
Naphthalene
Concen: 0.503 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX028959.D
Acq: 25 May 2022 18:34

Tgt Ion:128 Resp: 9545
Ion Ratio Lower Upper
128 100
127 12.3 10.2 15.4
129 10.6 8.7 13.1

