

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051322\
 Data File : VX028682.D
 Acq On : 13 May 2022 16:53
 Operator : JC/MD
 Sample : N2794-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-DUP01-20220510

Quant Time: May 16 02:22:50 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)

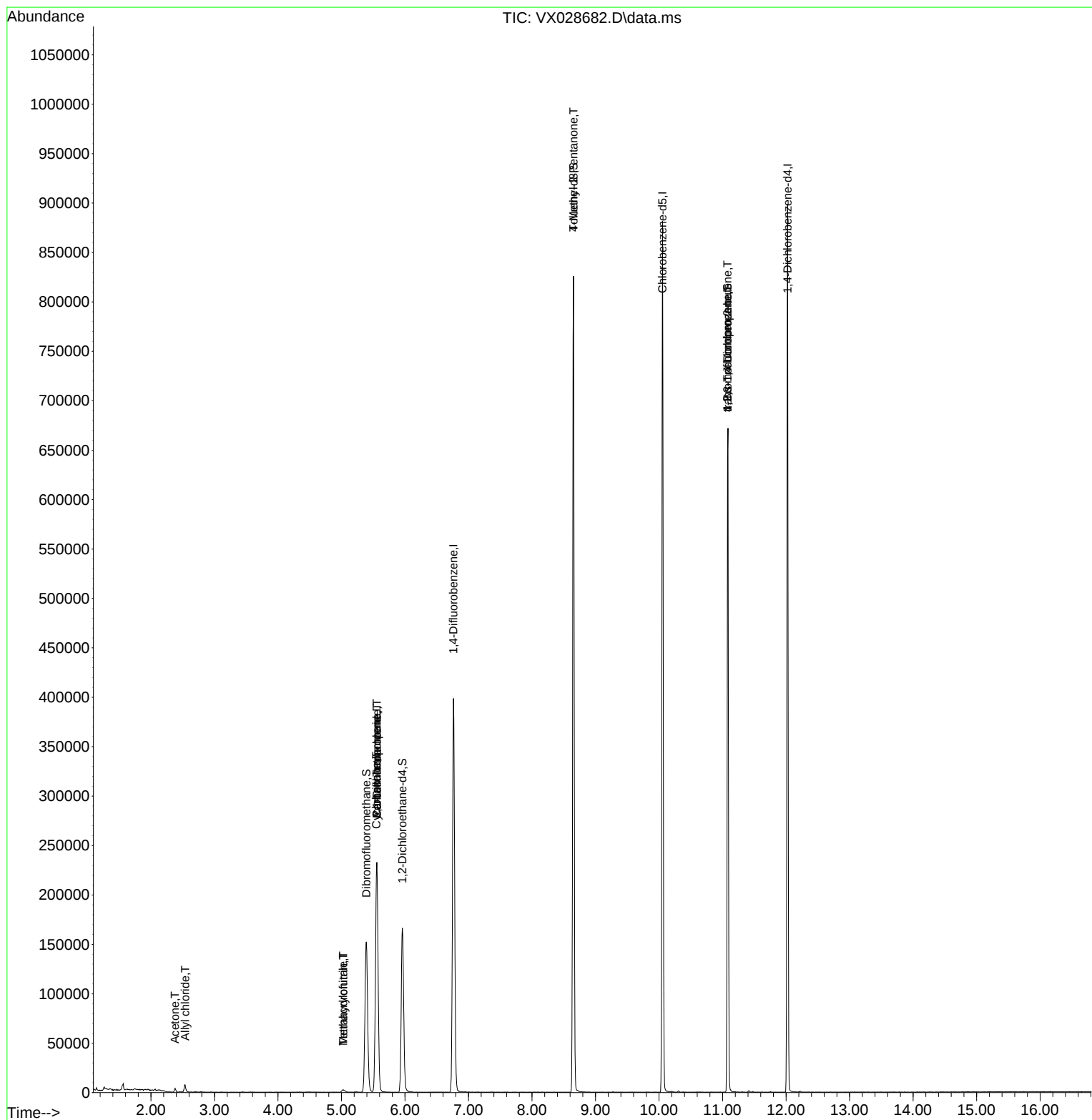
Internal Standards						
1) Pentafluorobenzene	5.556	168	210609	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	399601	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	385874	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	170889	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	159304	55.181	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 110.360%	
35) Dibromofluoromethane	5.391	113	132766	50.710	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 101.420%	
50) Toluene-d8	8.653	98	486690	49.306	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 98.620%	
62) 4-Bromofluorobenzene	11.079	95	177553	48.159	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 96.320%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.612	94	440	Below Cal		82
6) Chloroethane	1.679	64	593	Below Cal	#	72
11) Tert butyl alcohol	2.941	59	65	Below Cal	#	72
14) Allyl chloride	2.538	41	797	0.228	ug/l #	45
16) Acetone	2.380	43	3861	3.116	ug/l	96
29) Tetrahydrofuran	5.026	42	2271	1.796	ug/l	90
31) Cyclohexane	5.550	56	5122	1.278	ug/l #	32
36) 1,1-Dichloropropene	5.556	75	17948	4.564	ug/l #	49
38) Carbon Tetrachloride	5.556	117	23312	5.891	ug/l #	16
41) Methacrylonitrile	5.026	41	1161	0.527	ug/l #	30
51) 4-Methyl-2-Pentanone	8.653	43	2432	0.575	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	95584	23.884	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	95584	69.606	ug/l #	15

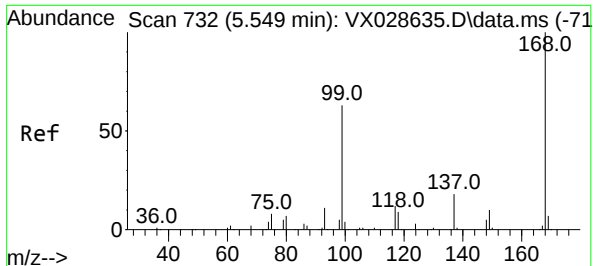
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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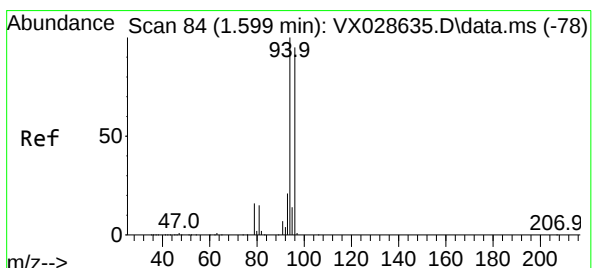
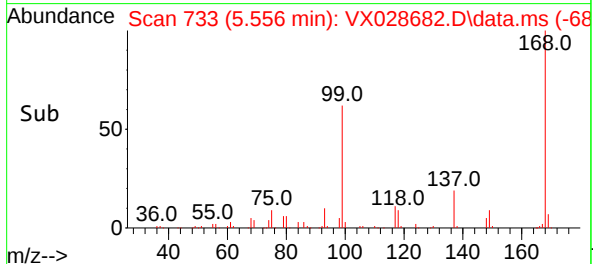
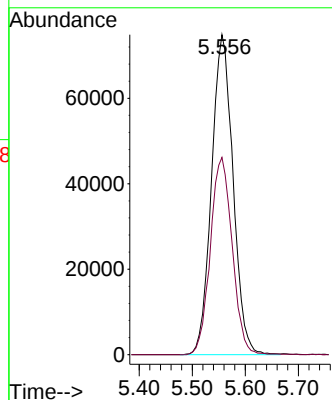
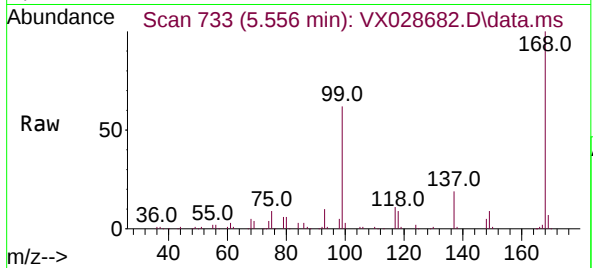




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028682.D
Acq: 13 May 2022 16:53

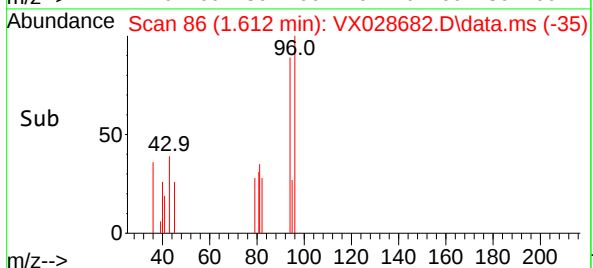
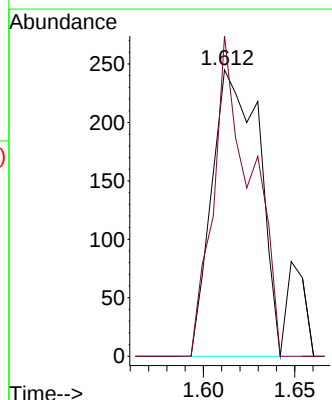
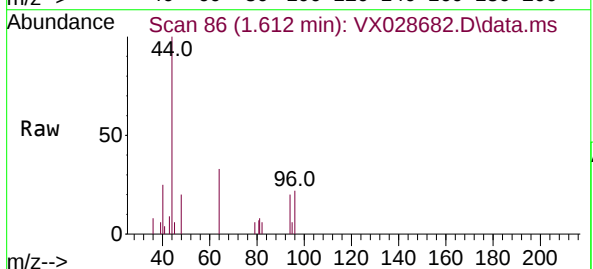
Instrument :
MSVOA_X
ClientSampleId :
BP-DUP01-20220510

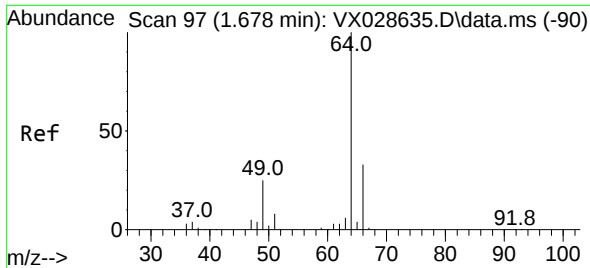
Tgt Ion:168 Resp: 210609
Ion Ratio Lower Upper
168 100
99 61.7 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.612 min Scan# 86
Delta R.T. 0.013 min
Lab File: VX028682.D
Acq: 13 May 2022 16:53

Tgt Ion: 94 Resp: 440
Ion Ratio Lower Upper
94 100
96 111.8 75.3 112.9

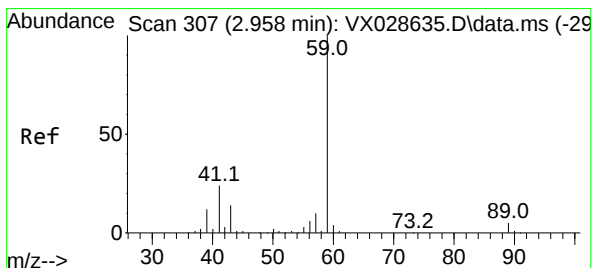
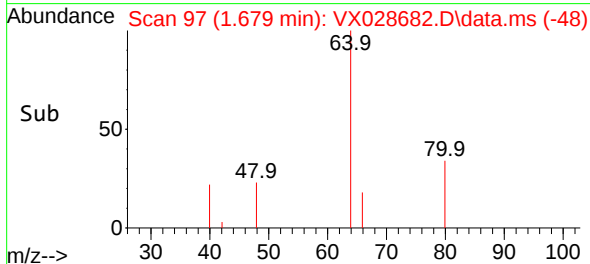
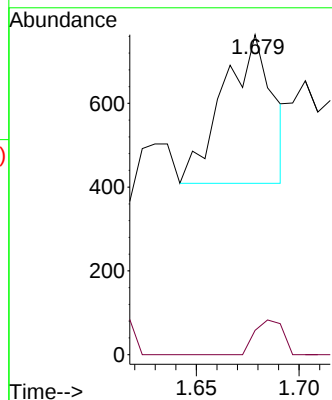
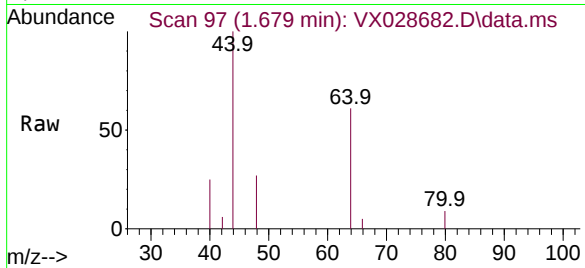




#6
Chloroethane
Concen: Below Cal
RT: 1.679 min Scan# 91
Delta R.T. 0.001 min
Lab File: VX028682.D
Acq: 13 May 2022 16:53

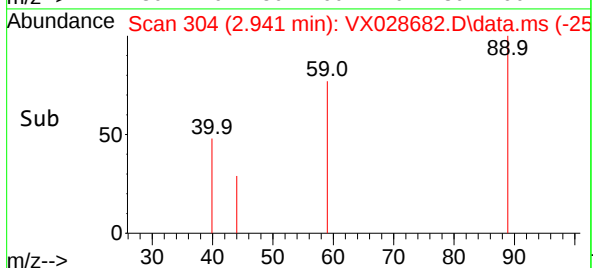
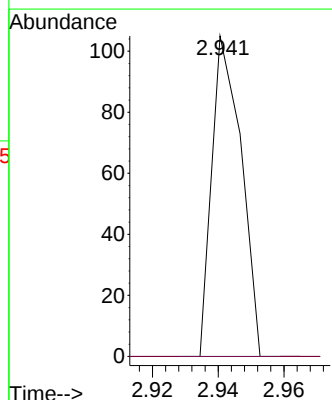
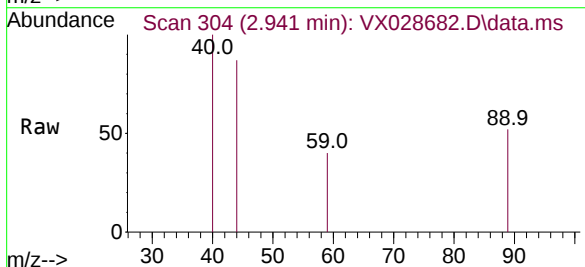
Instrument :
MSVOA_X
ClientSampleId :
BP-DUP01-20220510

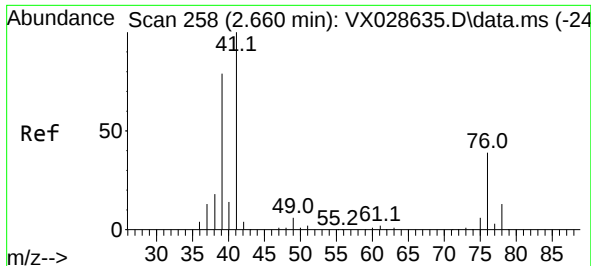
Tgt Ion: 64 Resp: 593
Ion Ratio Lower Upper
64 100
66 16.3 25.3 37.9#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.941 min Scan# 304
Delta R.T. -0.017 min
Lab File: VX028682.D
Acq: 13 May 2022 16:53

Tgt Ion: 59 Resp: 65
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

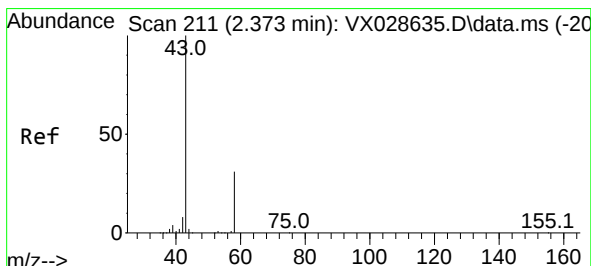
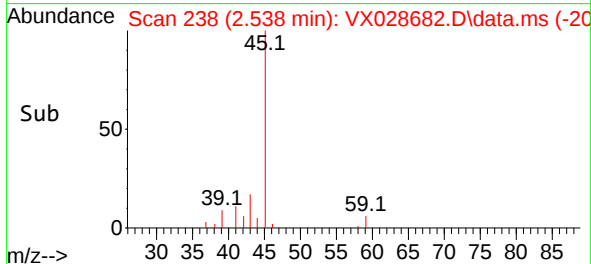
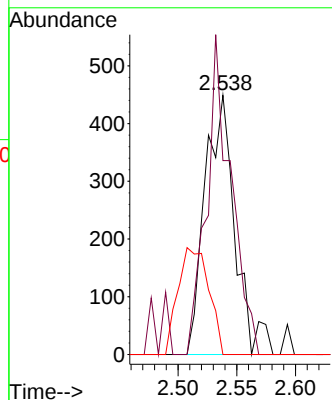
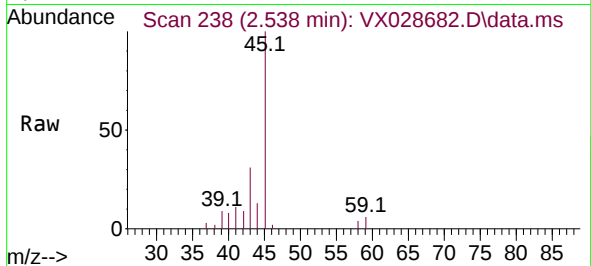




#14
 Allyl chloride
 Concen: 0.228 ug/l
 RT: 2.538 min Scan# 212
 Delta R.T. -0.122 min
 Lab File: VX028682.D
 Acq: 13 May 2022 16:53

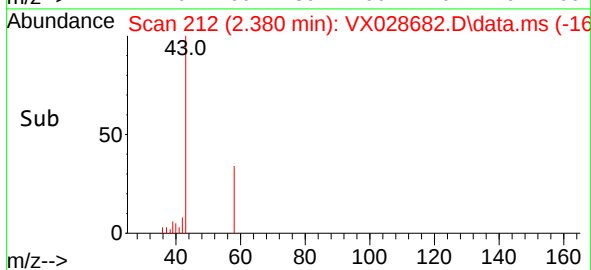
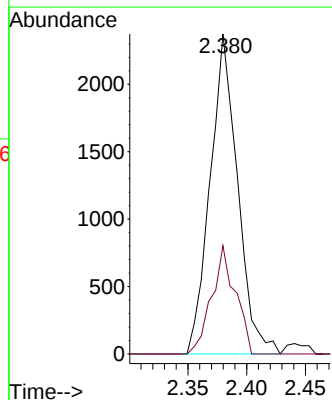
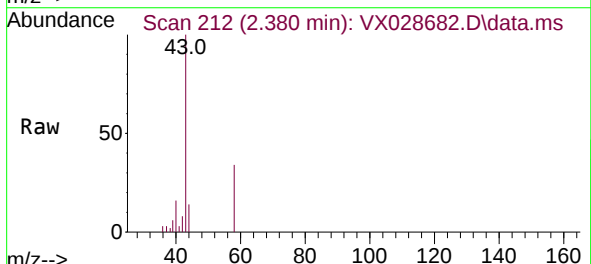
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-DUP01-20220510

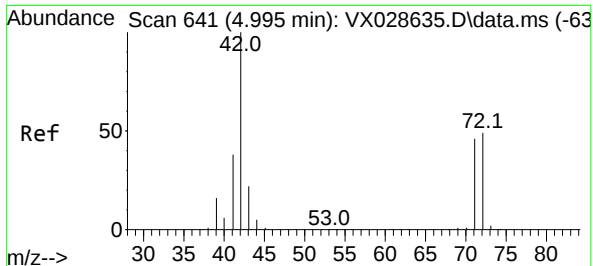
Tgt Ion: 41 Resp: 797
 Ion Ratio Lower Upper
 41 100
 39 100.3 50.4 75.6#
 76 0.0 32.7 49.1#



#16
 Acetone
 Concen: 3.116 ug/l
 RT: 2.380 min Scan# 212
 Delta R.T. 0.007 min
 Lab File: VX028682.D
 Acq: 13 May 2022 16:53

Tgt Ion: 43 Resp: 3861
 Ion Ratio Lower Upper
 43 100
 58 33.8 28.8 43.2





#29

Tetrahydrofuran

Concen: 1.796 ug/l

RT: 5.026 min Scan# 641

Delta R.T. 0.031 min

Lab File: VX028682.D

Acq: 13 May 2022 16:53

Instrument :

MSVOA_X

ClientSampleId :

BP-DUP01-20220510

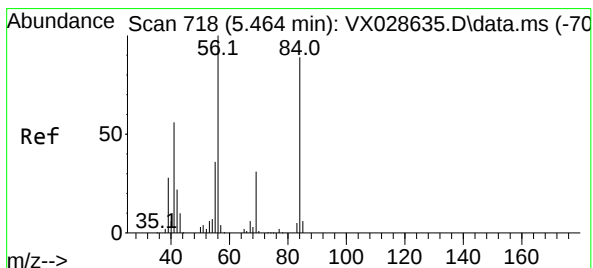
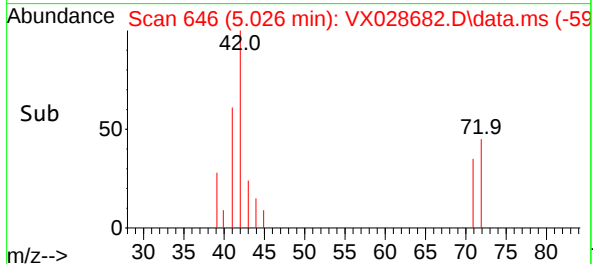
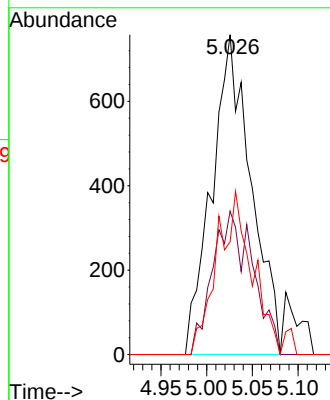
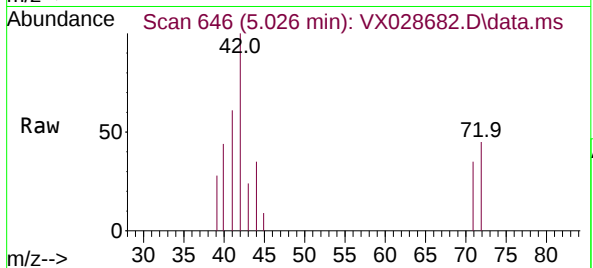
Tgt Ion: 42 Resp: 2271

Ion Ratio Lower Upper

42 100

72 45.8 44.1 66.1

71 45.3 40.5 60.7



#31

Cyclohexane

Concen: 1.278 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.086 min

Lab File: VX028682.D

Acq: 13 May 2022 16:53

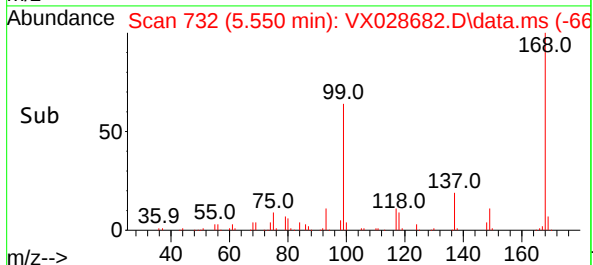
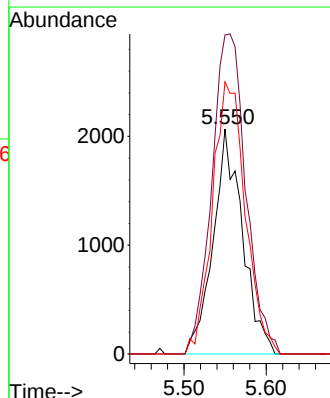
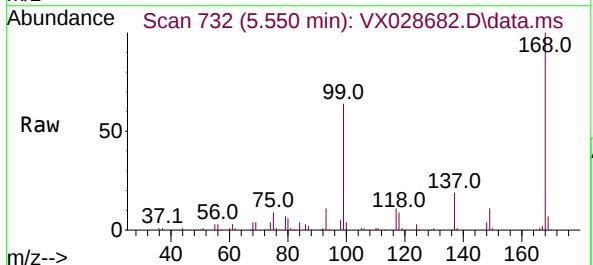
Tgt Ion: 56 Resp: 5122

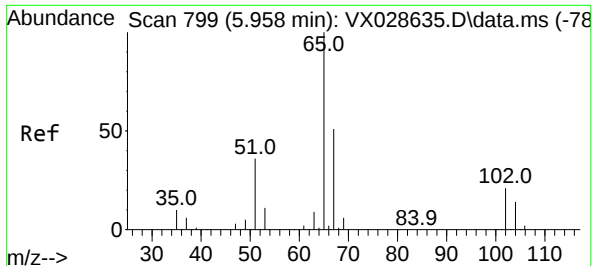
Ion Ratio Lower Upper

56 100

69 141.8 26.7 40.1#

84 120.9 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 55.181 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028682.D

Acq: 13 May 2022 16:53

Instrument :

MSVOA_X

ClientSampleId :

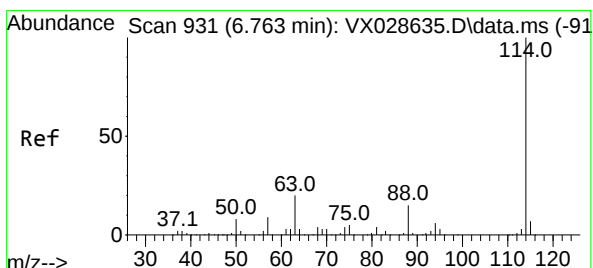
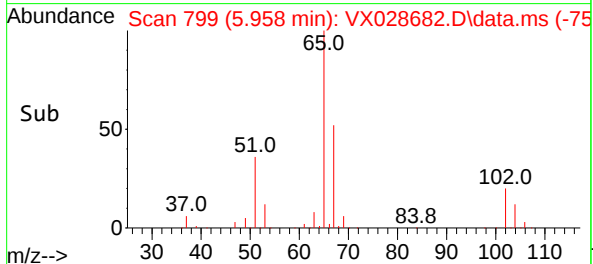
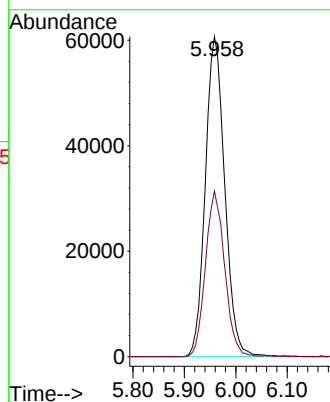
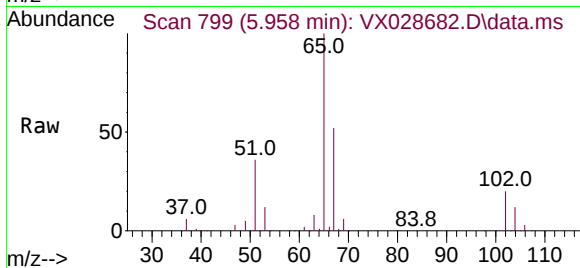
BP-DUP01-20220510

Tgt Ion: 65 Resp: 159304

Ion Ratio Lower Upper

65 100

67 51.1 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: VX028682.D

Acq: 13 May 2022 16:53

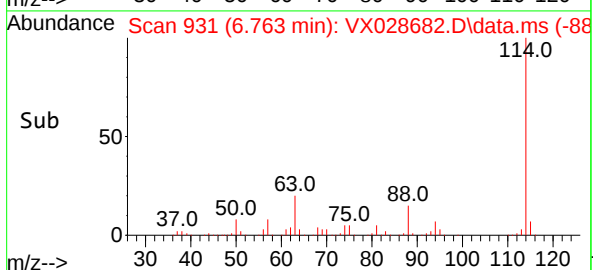
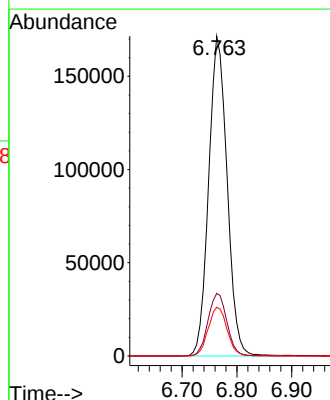
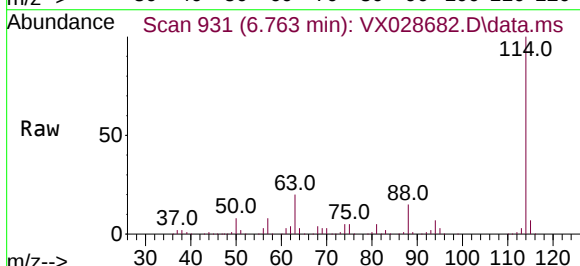
Tgt Ion: 114 Resp: 399601

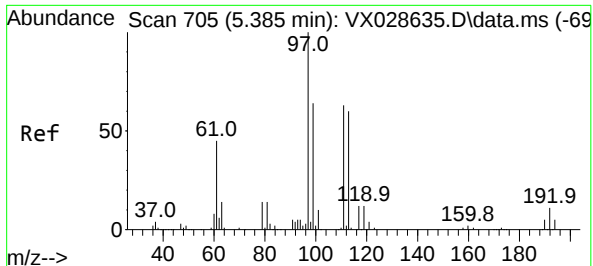
Ion Ratio Lower Upper

114 100

63 19.6 0.0 36.8

88 15.2 0.0 32.4





#35

Dibromofluoromethane

Concen: 50.710 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX028682.D

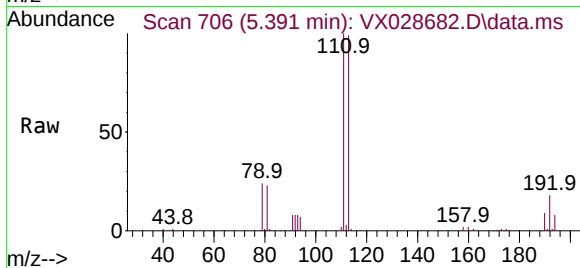
Acq: 13 May 2022 16:53

Instrument :

MSVOA_X

ClientSampleId :

BP-DUP01-20220510



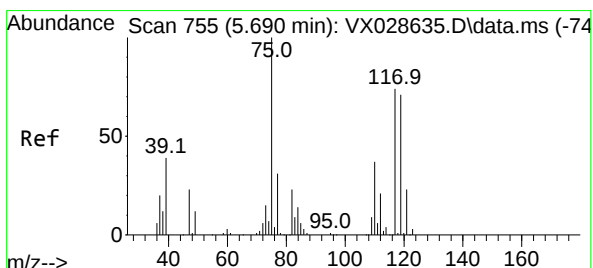
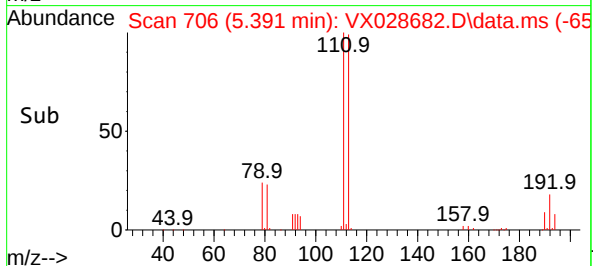
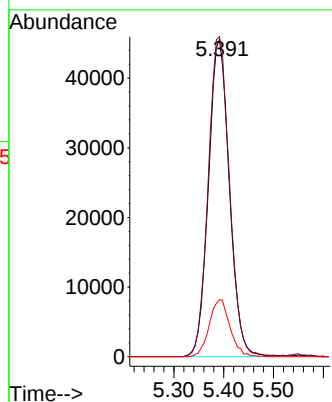
Tgt Ion:113 Resp: 132766

Ion Ratio Lower Upper

113 100

111 102.5 82.8 124.2

192 17.9 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.564 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.134 min

Lab File: VX028682.D

Acq: 13 May 2022 16:53

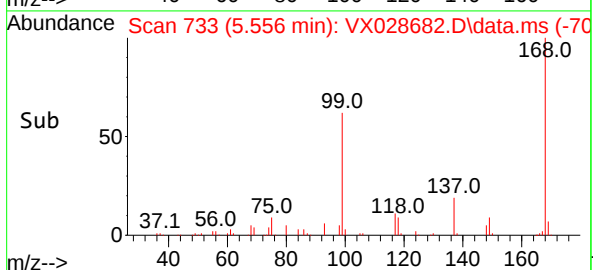
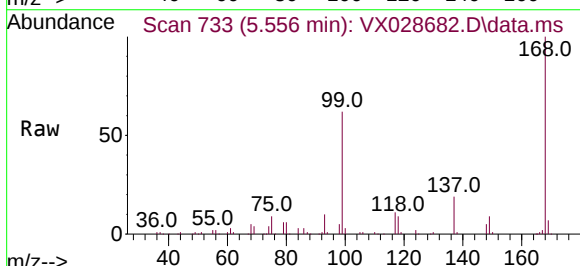
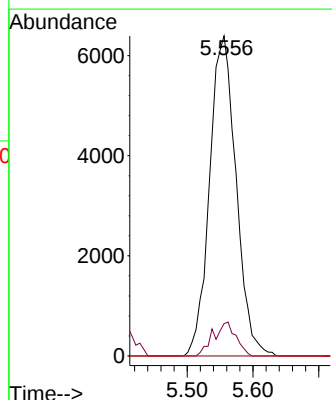
Tgt Ion: 75 Resp: 17948

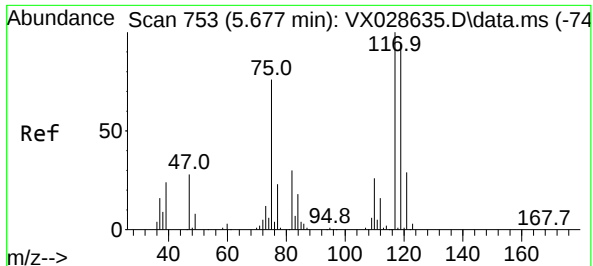
Ion Ratio Lower Upper

75 100

110 9.1 18.3 54.8#

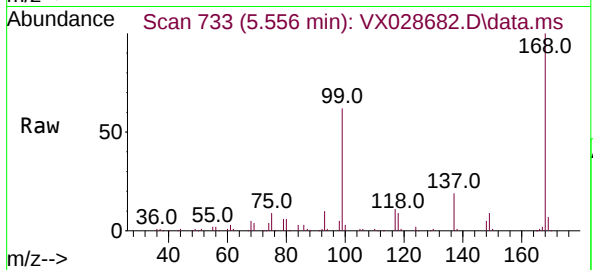
77 0.0 24.8 37.2#



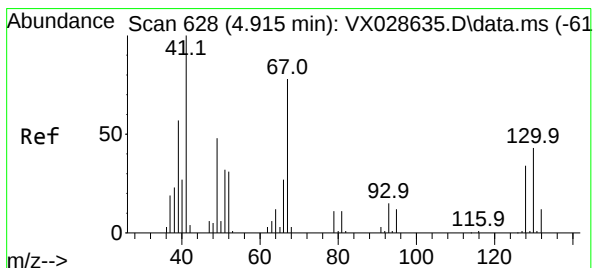
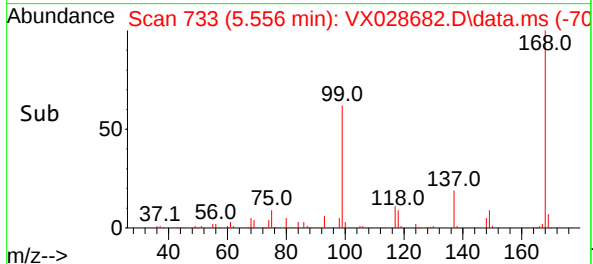
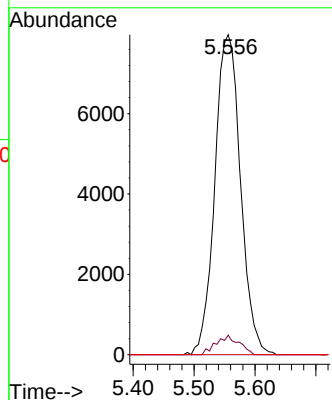


#38
Carbon Tetrachloride
Concen: 5.891 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.121 min
Lab File: VX028682.D
Acq: 13 May 2022 16:53

Instrument :
MSVOA_X
ClientSampleId :
BP-DUP01-20220510

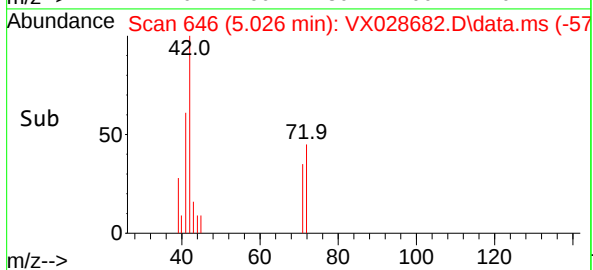
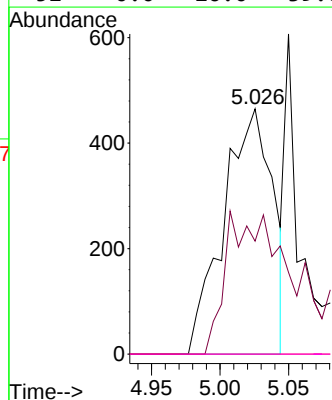
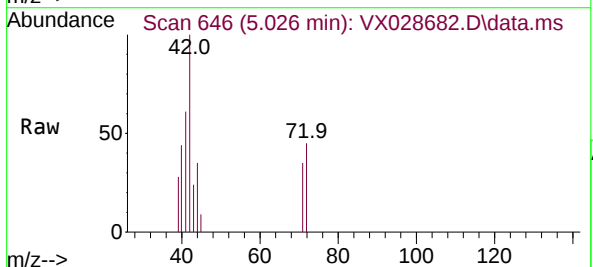


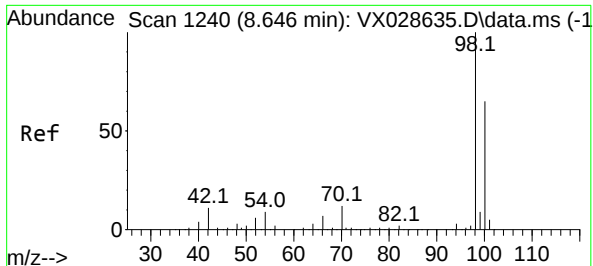
Tgt Ion:117 Resp: 23312
Ion Ratio Lower Upper
117 100
119 6.1 77.3 115.9#
121 0.0 24.2 36.2#



#41
Methacrylonitrile
Concen: 0.527 ug/l
RT: 5.026 min Scan# 646
Delta R.T. 0.111 min
Lab File: VX028682.D
Acq: 13 May 2022 16:53

Tgt Ion: 41 Resp: 1161
Ion Ratio Lower Upper
41 100
39 80.3 43.0 64.4#
67 0.0 70.2 105.4#
52 0.0 26.0 39.0#

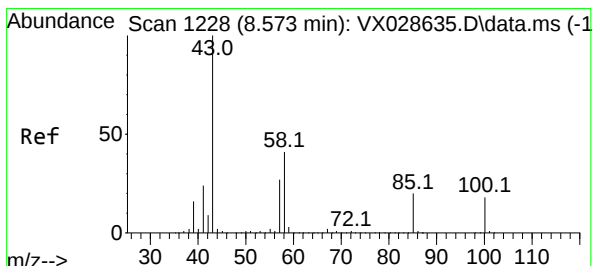
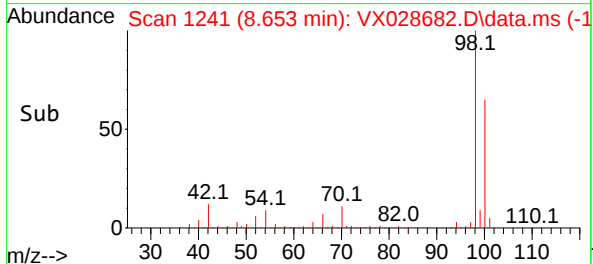
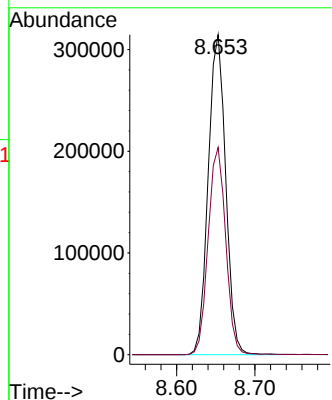
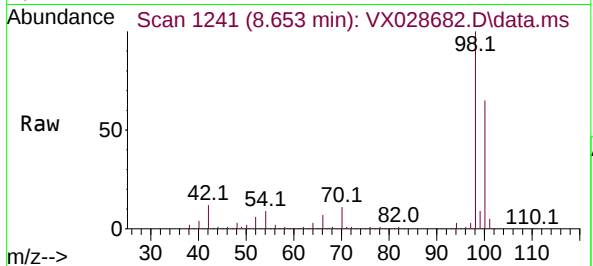




#50
Toluene-d8
Concen: 49.306 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX028682.D
Acq: 13 May 2022 16:53

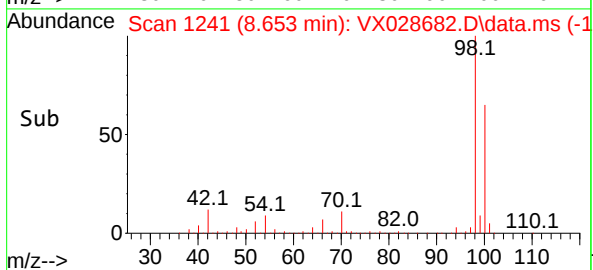
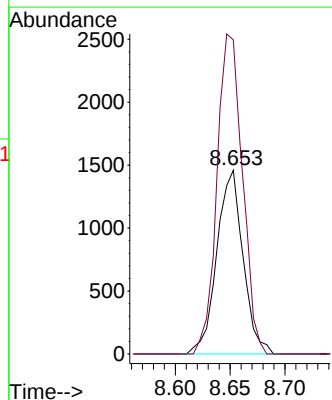
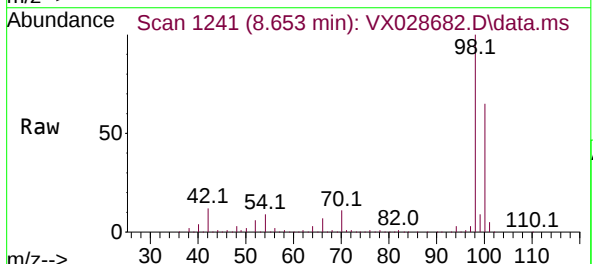
Instrument :
MSVOA_X
ClientSampleId :
BP-DUP01-20220510

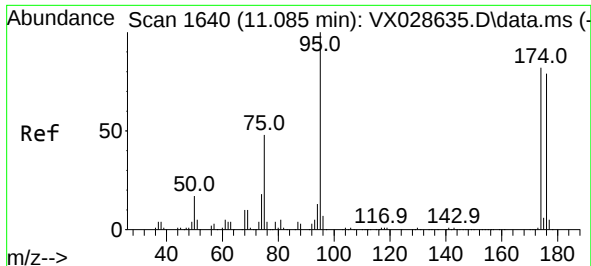
Tgt Ion: 98 Resp: 486690
Ion Ratio Lower Upper
98 100
100 65.1 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.575 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.080 min
Lab File: VX028682.D
Acq: 13 May 2022 16:53

Tgt Ion: 43 Resp: 2432
Ion Ratio Lower Upper
43 100
58 169.1 36.1 54.1#

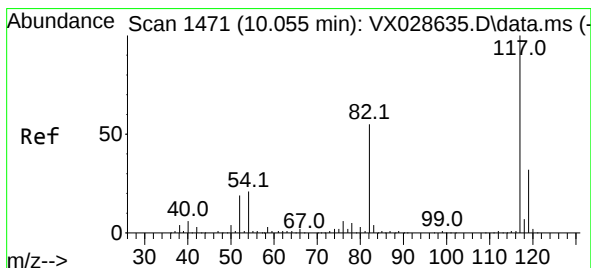
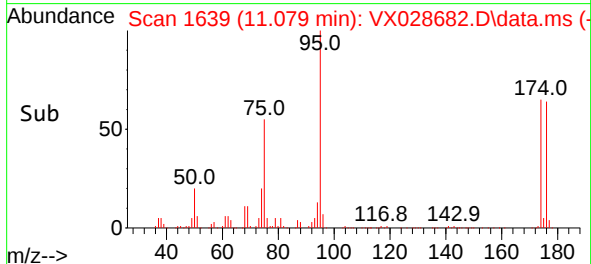
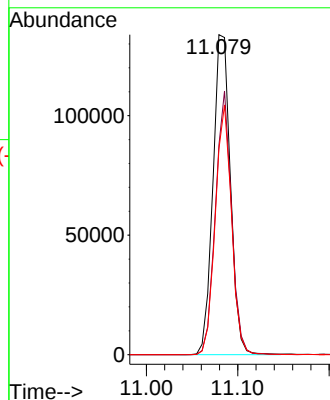
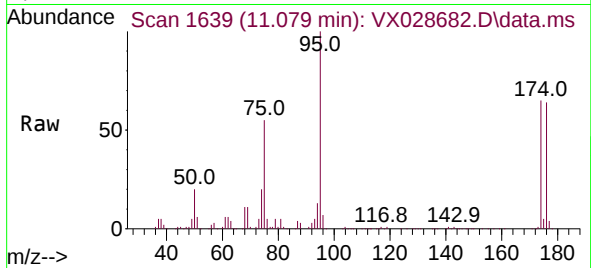




#62
4-Bromofluorobenzene
Concen: 48.159 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX028682.D
Acq: 13 May 2022 16:53

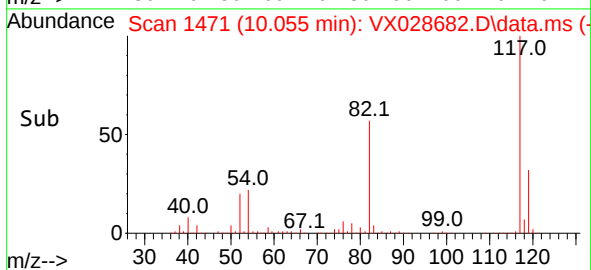
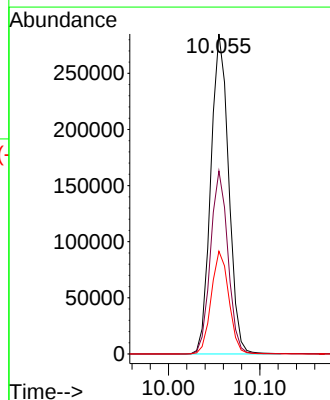
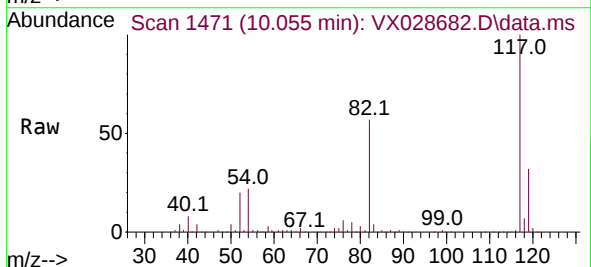
Instrument :
MSVOA_X
ClientSampleId :
BP-DUP01-20220510

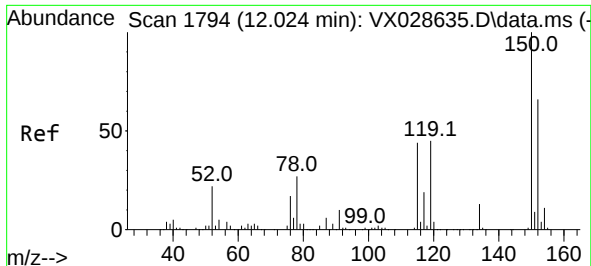
Tgt Ion: 95 Resp: 177553
Ion Ratio Lower Upper
95 100
174 75.9 0.0 163.0
176 72.9 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028682.D
Acq: 13 May 2022 16:53

Tgt Ion: 117 Resp: 385874
Ion Ratio Lower Upper
117 100
82 57.2 41.8 62.8
119 32.1 24.8 37.2

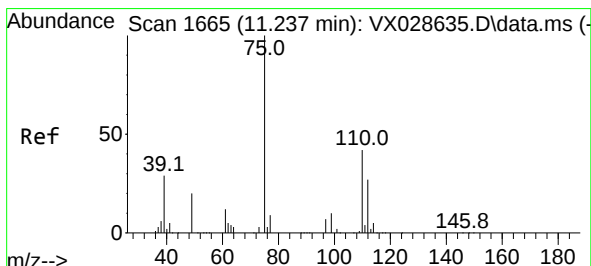
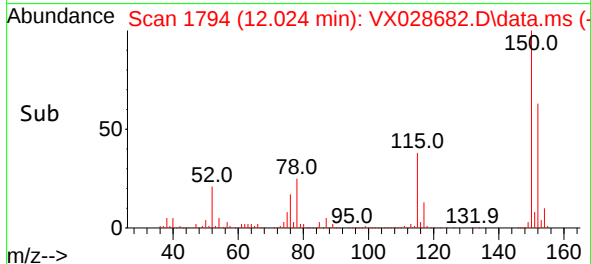
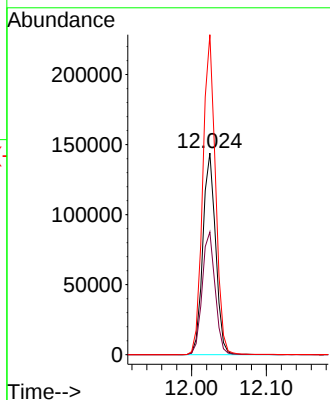
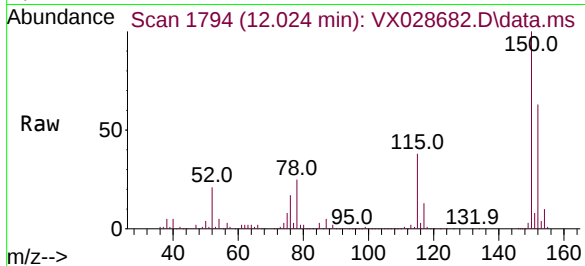




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX028682.D
 Acq: 13 May 2022 16:53

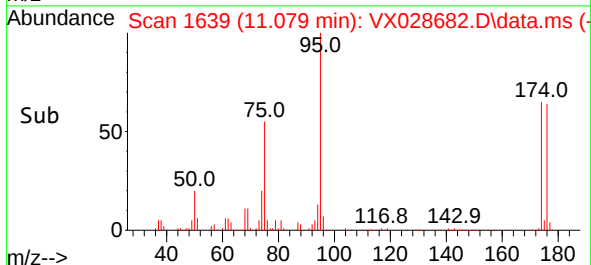
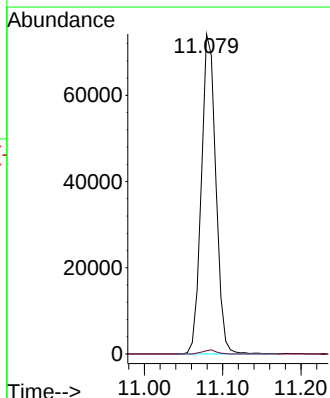
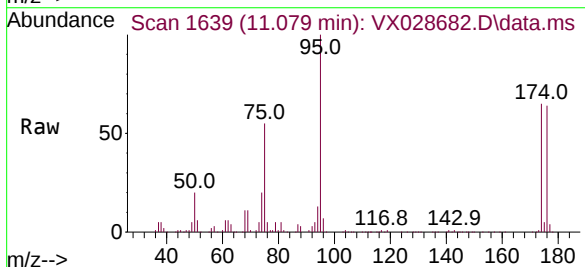
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-DUP01-20220510

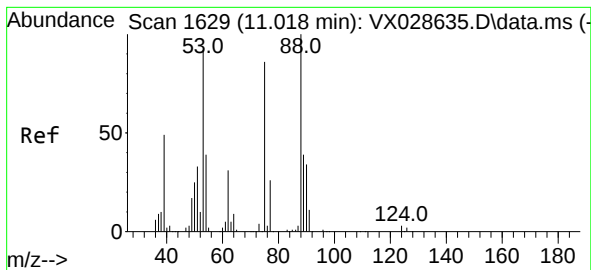
Tgt Ion:152 Resp: 170889
 Ion Ratio Lower Upper
 152 100
 115 61.7 37.5 112.7
 150 157.9 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 23.884 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX028682.D
 Acq: 13 May 2022 16:53

Tgt Ion: 75 Resp: 95584
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.606 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX028682.D
 Acq: 13 May 2022 16:53

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-DUP01-20220510

Tgt Ion: 75 Resp: 95584
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

