

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060622\
 Data File : VX029259.D
 Acq On : 07 Jun 2022 00:29
 Operator : JC/MD
 Sample : N3166-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB08-20220531

Quant Time: Jun 07 06:09:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 01 04:45:42 2022
 Response via : Initial Calibration

Compound	R.T.	T.QIon	Response	Conc	Units	Dev(Min)

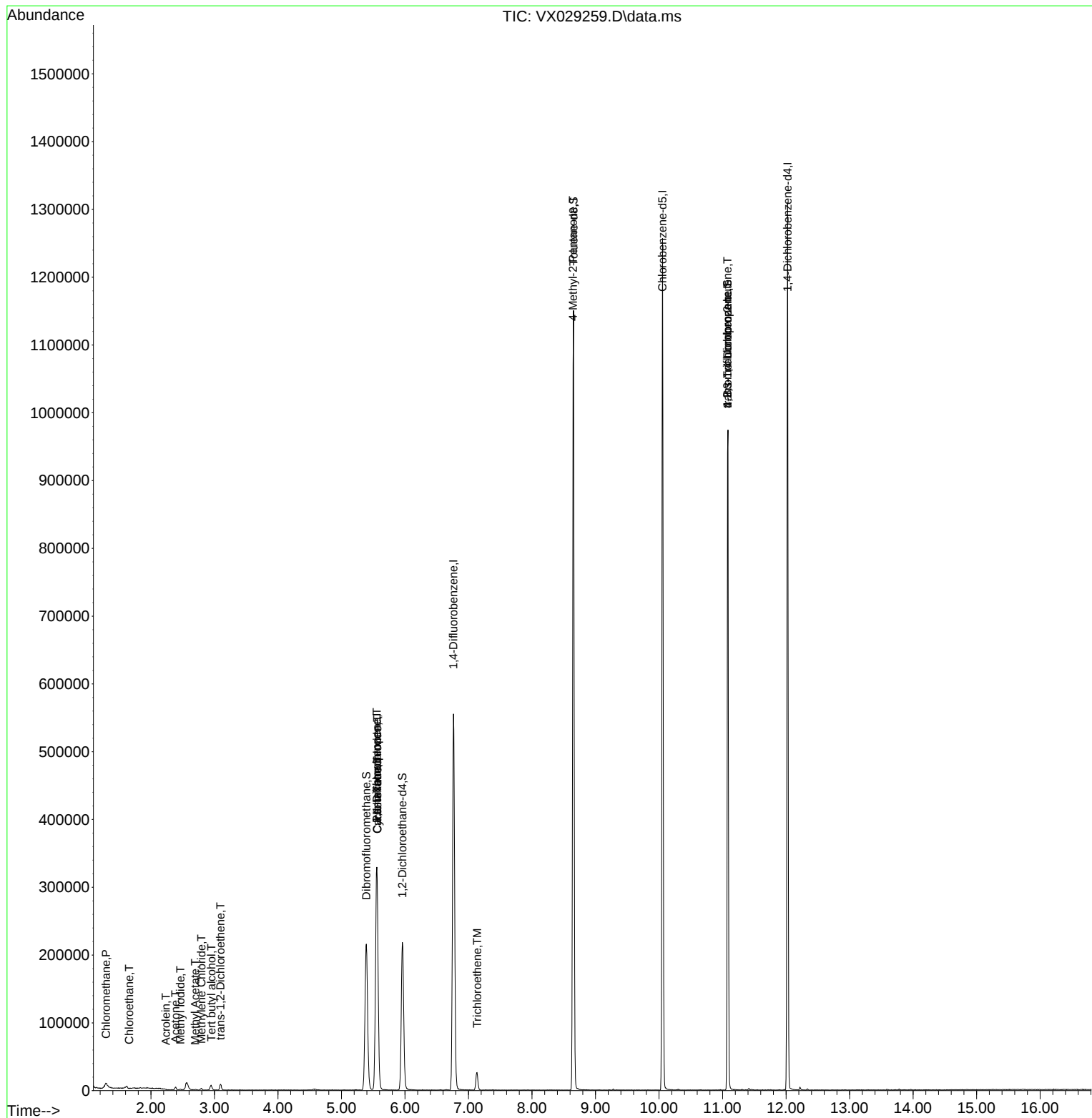
Internal Standards						
1) Pentafluorobenzene	5.556	168	307109	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	577502	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	565939	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	258251	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	210735	60.852	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 121.700%	
35) Dibromofluoromethane	5.391	113	193596	50.470	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 100.940%	
50) Toluene-d8	8.653	98	688425	49.070	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 98.140%	
62) 4-Bromofluorobenzene	11.079	95	272011	50.158	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 100.320%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	980	0.351	ug/l #	66
5) Bromomethane	1.618	94	891	Below Cal	#	67
6) Chloroethane	1.654	64	285	1.508	ug/l #	43
10) Methyl Iodide	2.465	142	1350	4.583	ug/l #	92
11) Tert butyl alcohol	2.953	59	3954	4.929	ug/l #	72
13) Acrolein	2.233	56	79	0.217	ug/l #	15
16) Acetone	2.386	43	4390	3.219	ug/l	100
18) Methyl Acetate	2.697	43	940	0.267	ug/l #	46
20) Methylene Chloride	2.794	84	1045	0.329	ug/l	87
21) trans-1,2-Dichloroethene	3.093	96	3533	1.131	ug/l	93
31) Cyclohexane	5.562	56	6168	1.370	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	23853	4.833	ug/l #	50
38) Carbon Tetrachloride	5.562	117	32875	5.828	ug/l #	15
44) Trichloroethene	7.135	130	10539	1.754	ug/l	91
51) 4-Methyl-2-Pentanone	8.647	43	2589	0.520	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	137033	26.175	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	137033	76.793	ug/l #	15
94) Hexachlorobutadiene	13.731	225	227	Below Cal	#	37

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060622\
Data File : VX029259.D
Acq On : 07 Jun 2022 00:29
Operator : JC/MD
Sample : N3166-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TB08-20220531

Quant Time: Jun 07 06:09:22 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 01 04:45:42 2022
Response via : Initial Calibration

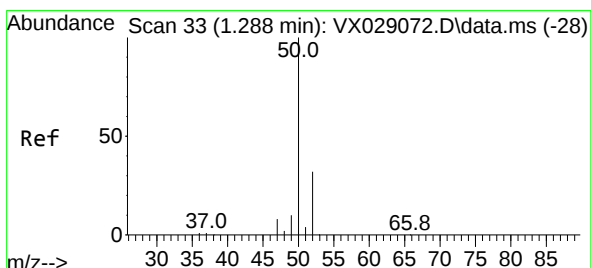
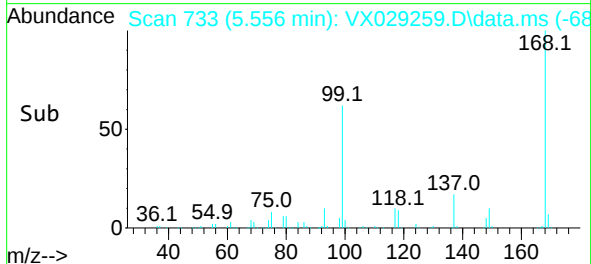
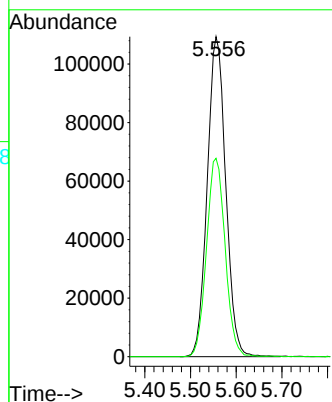
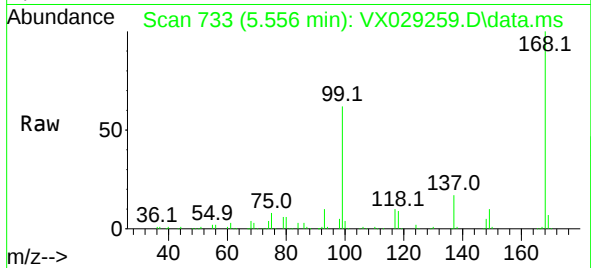




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029259.D
Acq: 07 Jun 2022 00:29

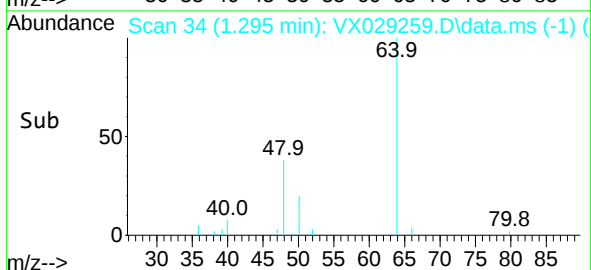
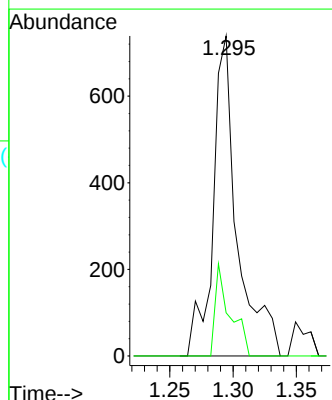
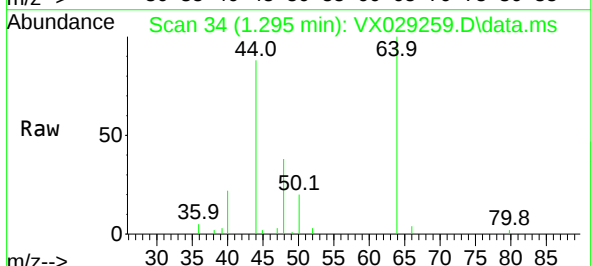
Instrument :
MSVOA_X
ClientSampleId :
TB08-20220531

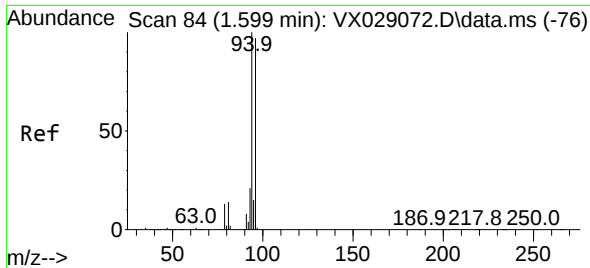
Tgt Ion:168 Resp: 307109
Ion Ratio Lower Upper
168 100
99 62.0 41.7 62.5



#3
Chloromethane
Concen: 0.351 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.007 min
Lab File: VX029259.D
Acq: 07 Jun 2022 00:29

Tgt Ion: 50 Resp: 980
Ion Ratio Lower Upper
50 100
52 13.5 26.4 39.6#

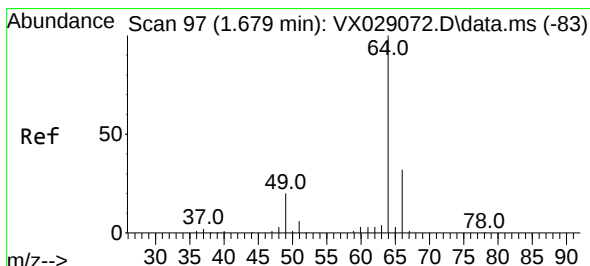
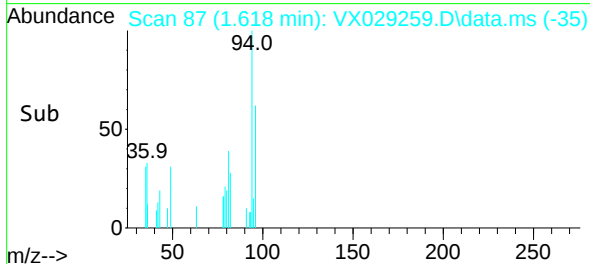
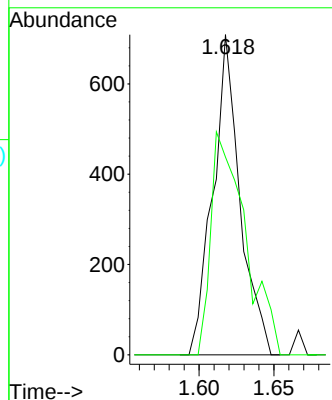
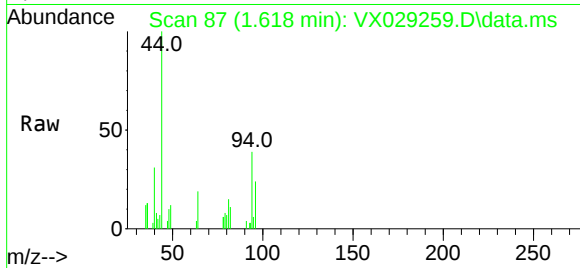




#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 81
Delta R.T. 0.019 min
Lab File: VX029259.D
Acq: 07 Jun 2022 00:29

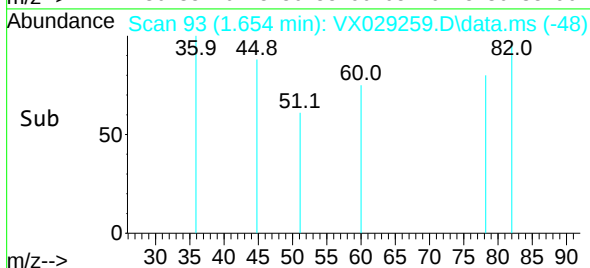
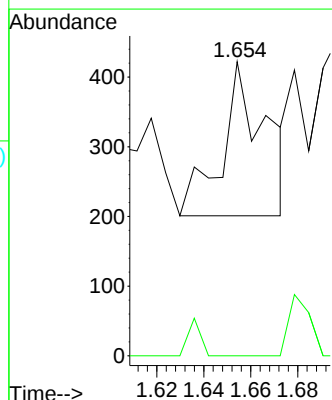
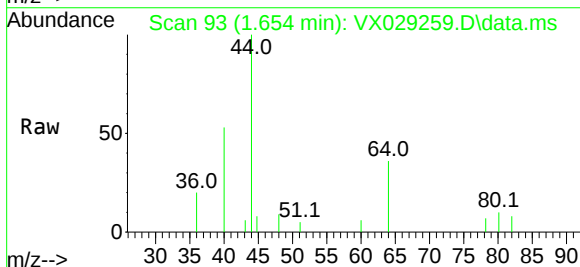
Instrument :
MSVOA_X
ClientSampleId :
TB08-20220531

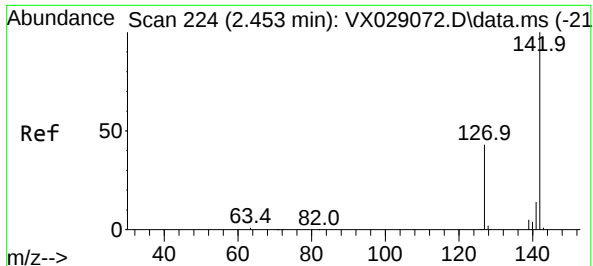
Tgt Ion: 94 Resp: 891
Ion Ratio Lower Upper
94 100
96 61.8 75.3 112.9#



#6
Chloroethane
Concen: 1.508 ug/l
RT: 1.654 min Scan# 93
Delta R.T. -0.025 min
Lab File: VX029259.D
Acq: 07 Jun 2022 00:29

Tgt Ion: 64 Resp: 285
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#

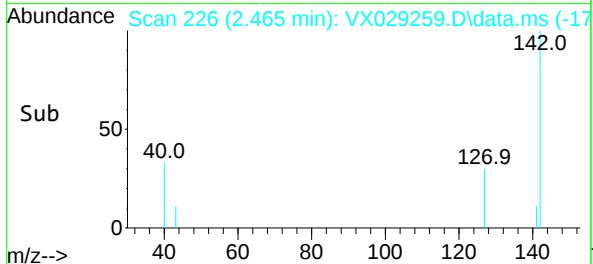
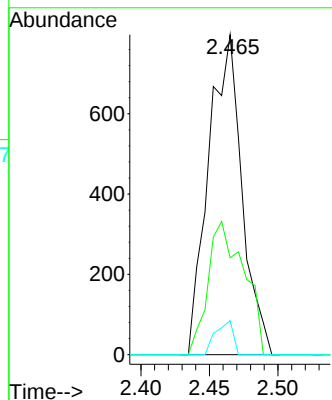
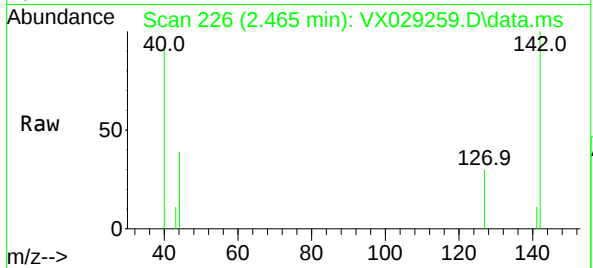




#10
Methyl Iodide
Concen: 4.583 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX029259.D
Acq: 07 Jun 2022 00:29

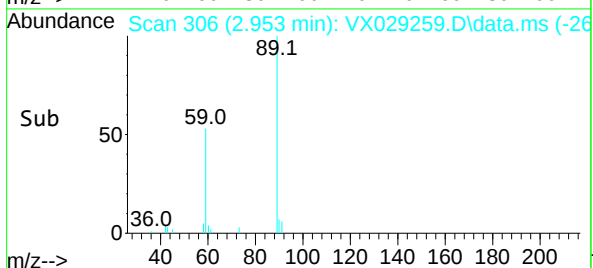
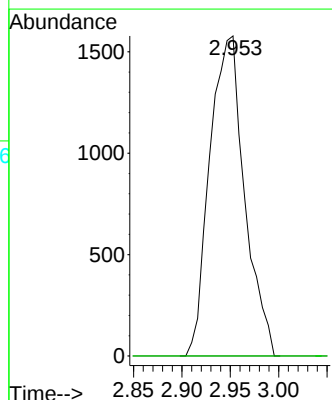
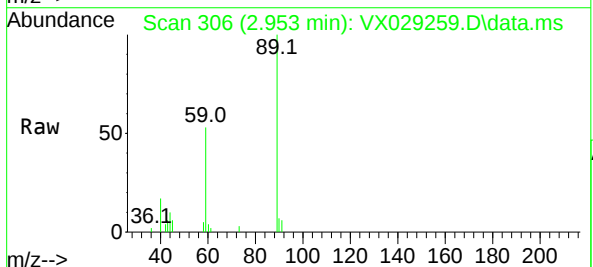
Instrument :
MSVOA_X
ClientSampleId :
TB08-20220531

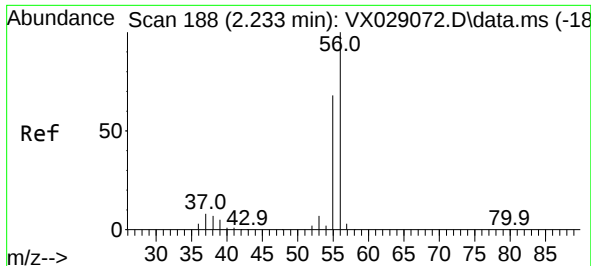
Tgt Ion:142 Resp: 1350
Ion Ratio Lower Upper
142 100
127 44.8 33.9 50.9
141 5.6 11.4 17.2#



#11
Tert butyl alcohol
Concen: 4.929 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.018 min
Lab File: VX029259.D
Acq: 07 Jun 2022 00:29

Tgt Ion: 59 Resp: 3954
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

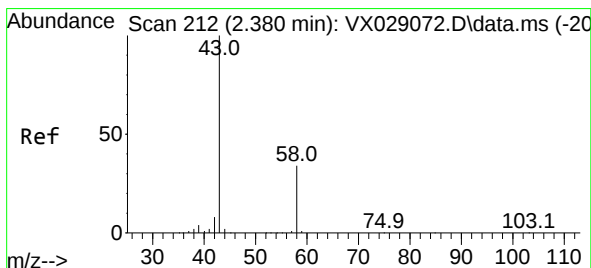
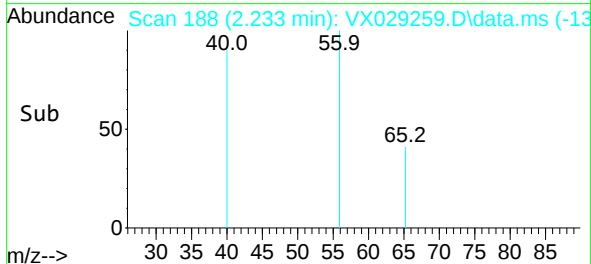
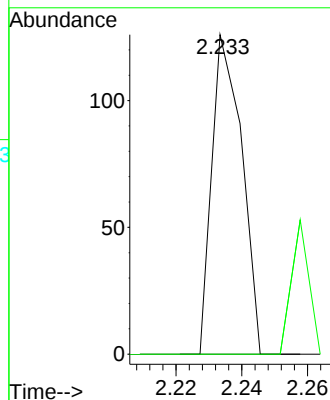
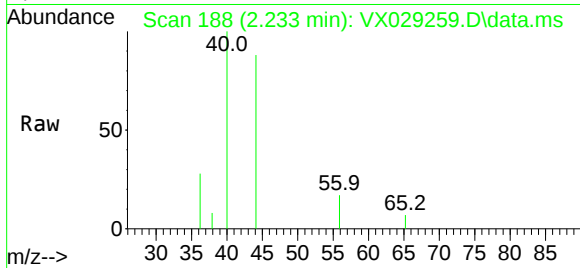




#13
Acrolein
Concen: 0.217 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029259.D
Acq: 07 Jun 2022 00:29

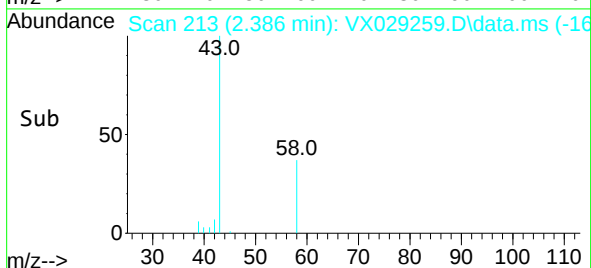
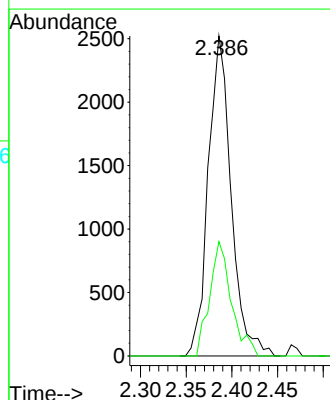
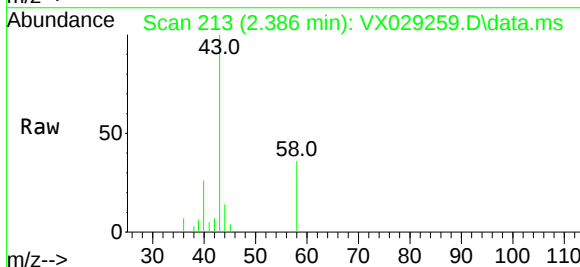
Instrument :
MSVOA_X
ClientSampleId :
TB08-20220531

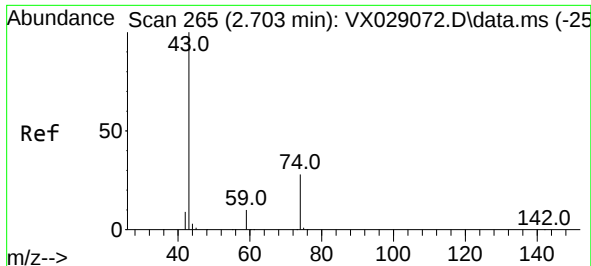
Tgt Ion: 56 Resp: 79
Ion Ratio Lower Upper
56 100
55 0.0 55.0 82.6#



#16
Acetone
Concen: 3.219 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX029259.D
Acq: 07 Jun 2022 00:29

Tgt Ion: 43 Resp: 4390
Ion Ratio Lower Upper
43 100
58 35.8 28.8 43.2

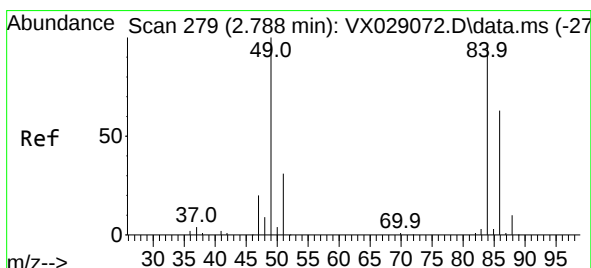
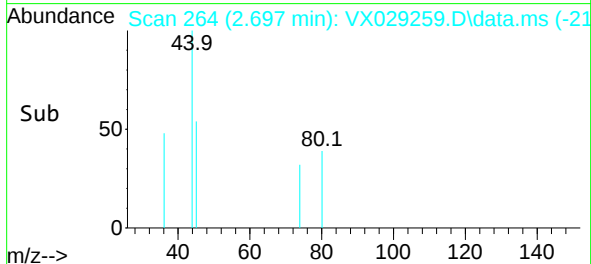
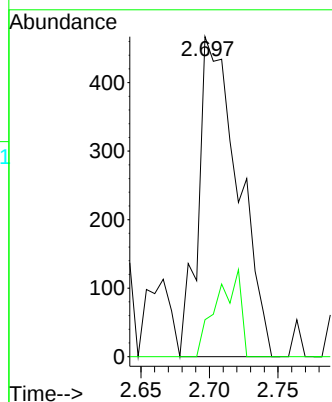
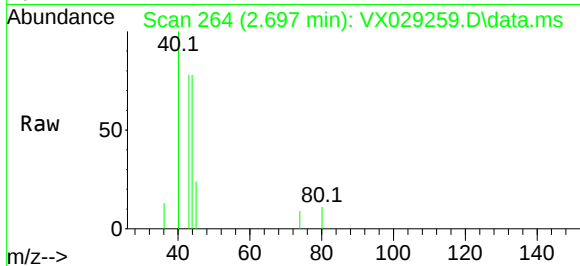




#18
Methyl Acetate
Concen: 0.267 ug/l
RT: 2.697 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX029259.D
Acq: 07 Jun 2022 00:29

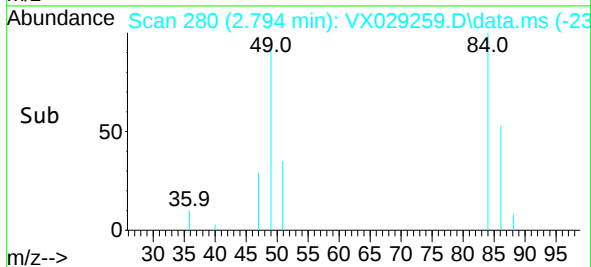
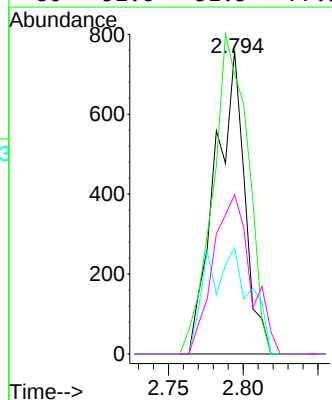
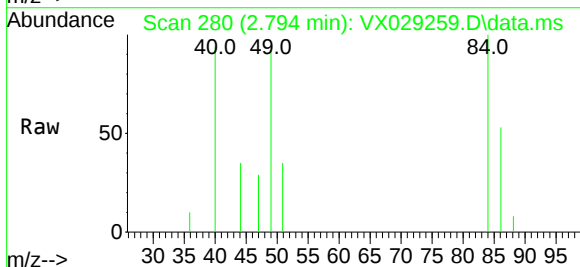
Instrument :
MSVOA_X
ClientSampleId :
TB08-20220531

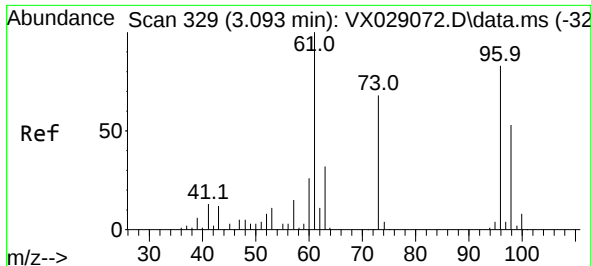
Tgt Ion: 43 Resp: 940
Ion Ratio Lower Upper
43 100
74 0.0 22.8 34.2#



#20
Methylene Chloride
Concen: 0.329 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX029259.D
Acq: 07 Jun 2022 00:29

Tgt Ion: 84 Resp: 1045
Ion Ratio Lower Upper
84 100
49 92.4 85.5 128.3
51 35.0 26.6 39.8
86 52.6 51.5 77.3

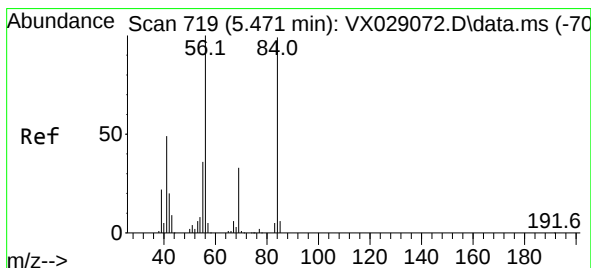
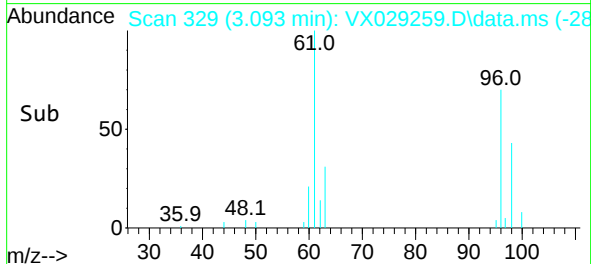
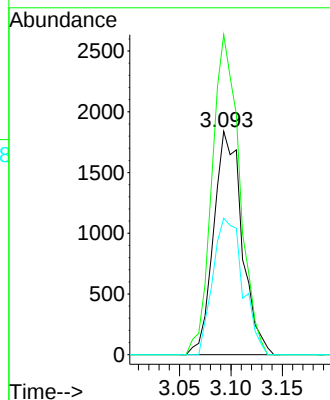
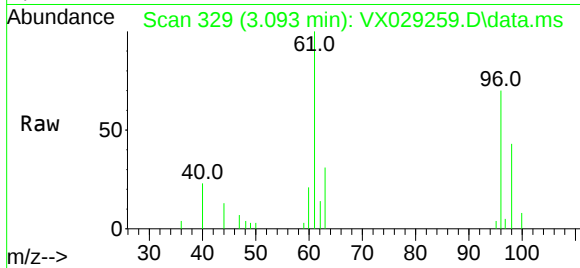




#21
trans-1,2-Dichloroethene
Concen: 1.131 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX029259.D
Acq: 07 Jun 2022 00:29

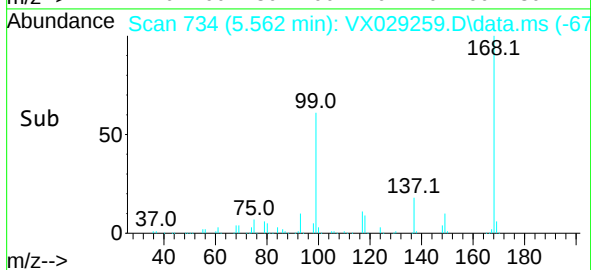
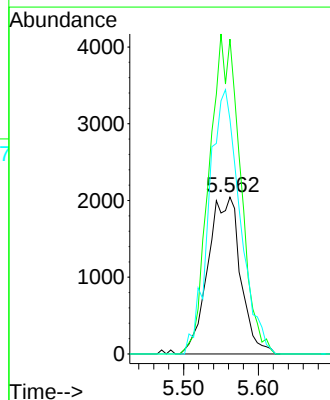
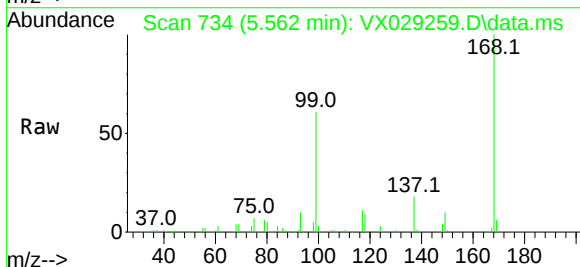
Instrument :
MSVOA_X
ClientSampleId :
TB08-20220531

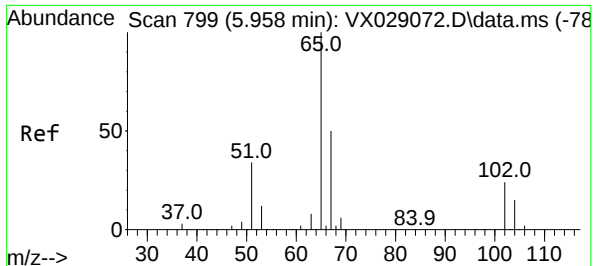
Tgt Ion: 96 Resp: 3533
Ion Ratio Lower Upper
96 100
61 143.3 105.4 158.2
98 61.1 50.0 75.0



#31
Cyclohexane
Concen: 1.370 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.091 min
Lab File: VX029259.D
Acq: 07 Jun 2022 00:29

Tgt Ion: 56 Resp: 6168
Ion Ratio Lower Upper
56 100
69 200.9 26.7 40.1#
84 149.6 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 60.852 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029259.D

Acq: 07 Jun 2022 00:29

Instrument :

MSVOA_X

ClientSampleId :

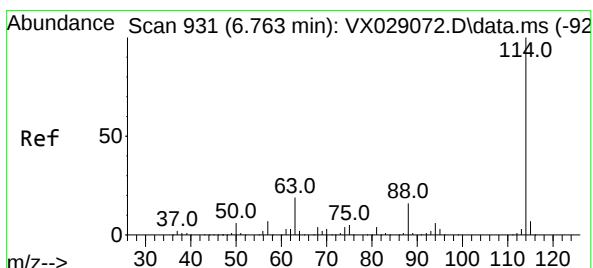
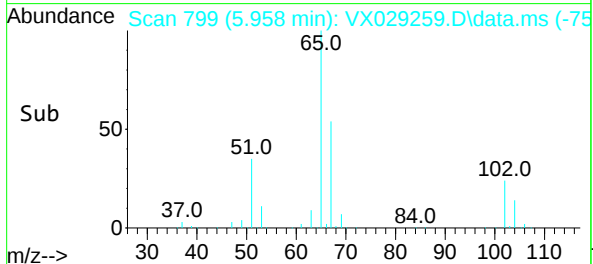
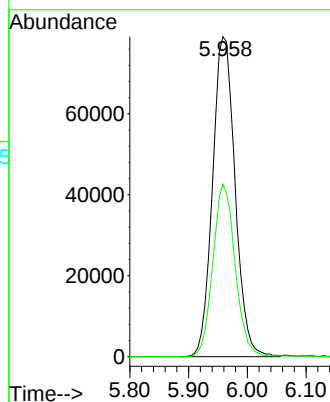
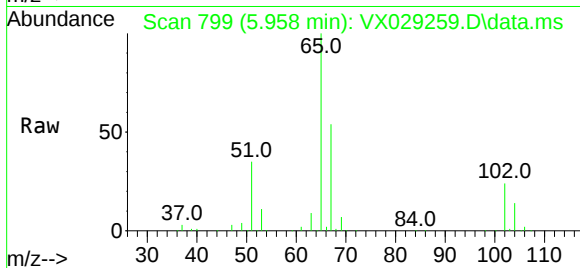
TB08-20220531

Tgt Ion: 65 Resp: 210735

Ion Ratio Lower Upper

65 100

67 53.4 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: VX029259.D

Acq: 07 Jun 2022 00:29

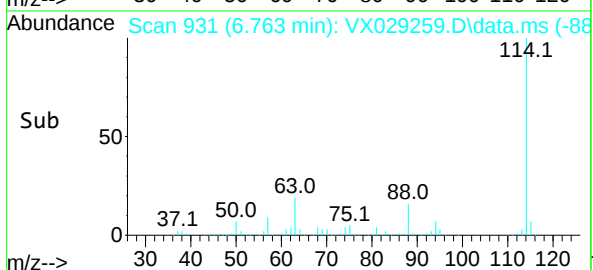
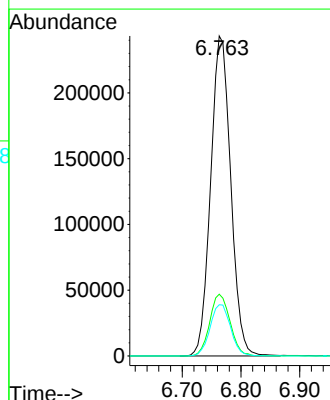
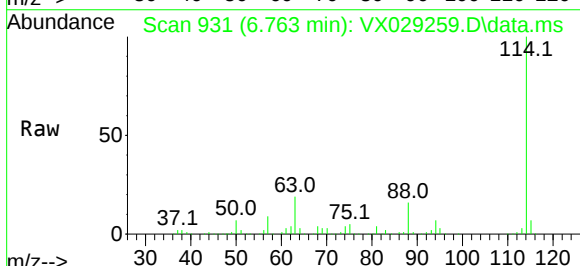
Tgt Ion: 114 Resp: 577502

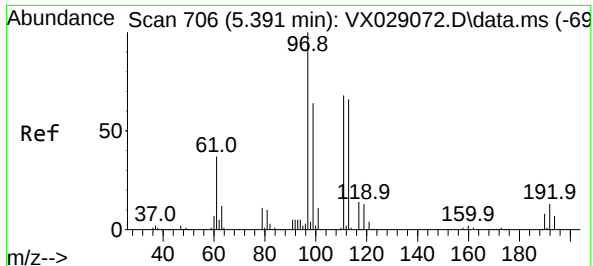
Ion Ratio Lower Upper

114 100

63 19.3 0.0 36.8

88 16.0 0.0 32.4





#35

Dibromofluoromethane

Concen: 50.470 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX029259.D

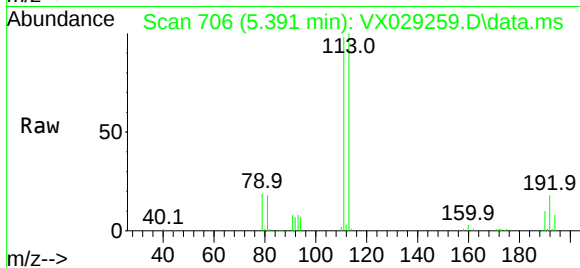
Acq: 07 Jun 2022 00:29

Instrument :

MSVOA_X

ClientSampleId :

TB08-20220531



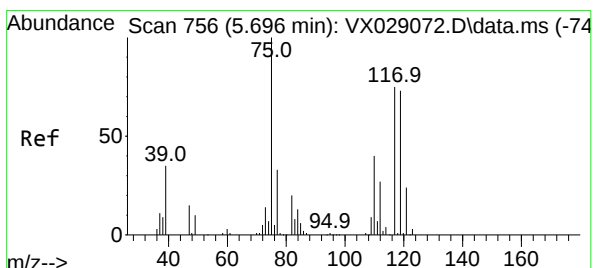
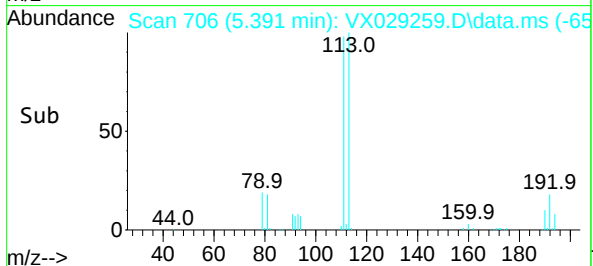
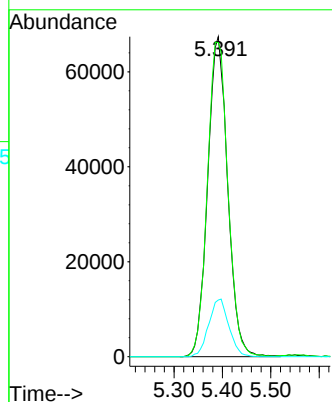
Tgt Ion:113 Resp: 193596

Ion Ratio Lower Upper

113 100

111 101.4 82.8 124.2

192 18.1 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.833 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX029259.D

Acq: 07 Jun 2022 00:29

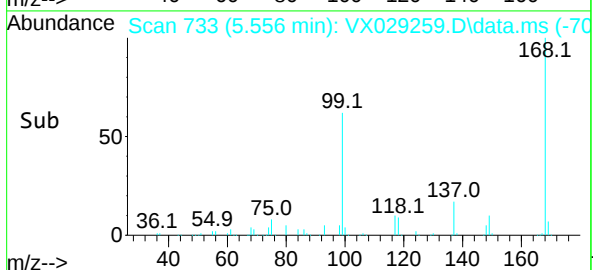
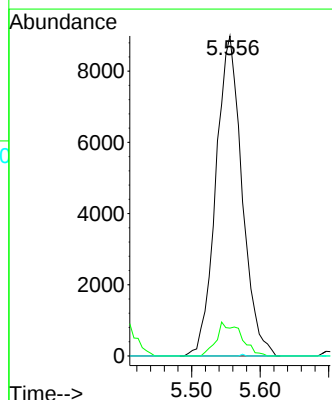
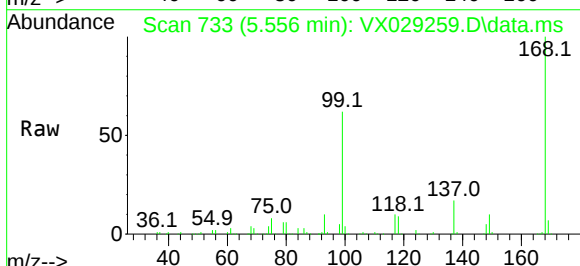
Tgt Ion: 75 Resp: 23853

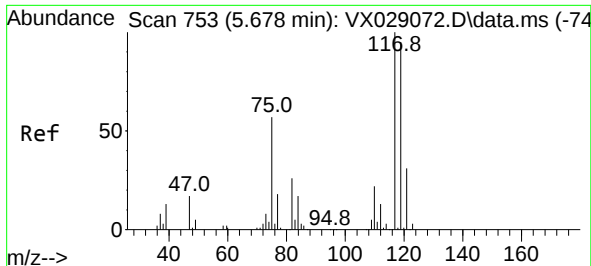
Ion Ratio Lower Upper

75 100

110 10.0 18.3 54.8#

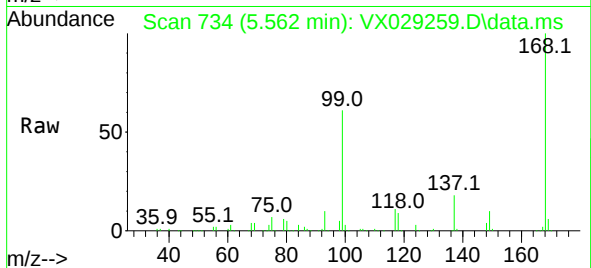
77 0.0 24.8 37.2#



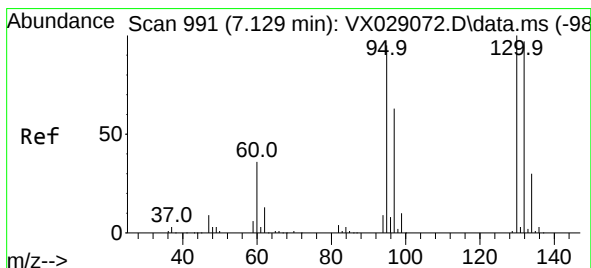
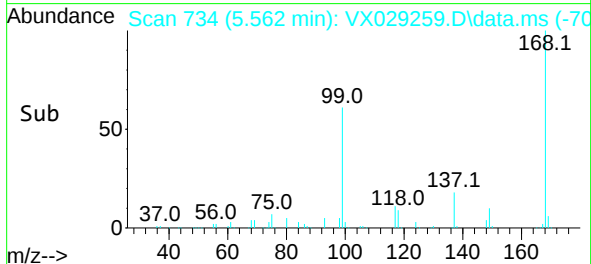
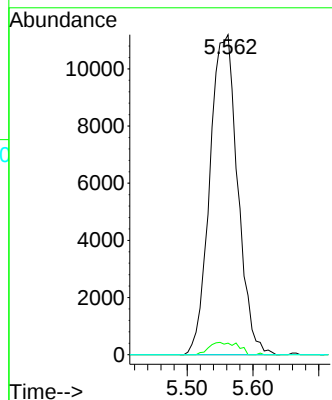


#38
Carbon Tetrachloride
Concen: 5.828 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.116 min
Lab File: VX029259.D
Acq: 07 Jun 2022 00:29

Instrument :
MSVOA_X
ClientSampleId :
TB08-20220531

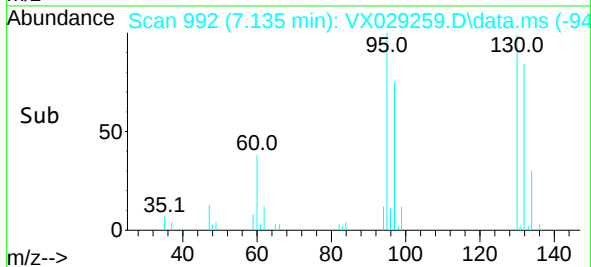
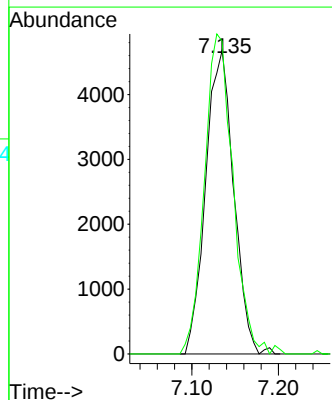
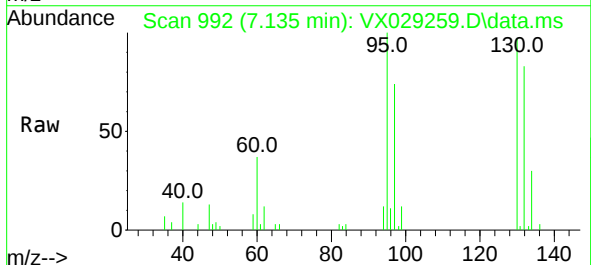


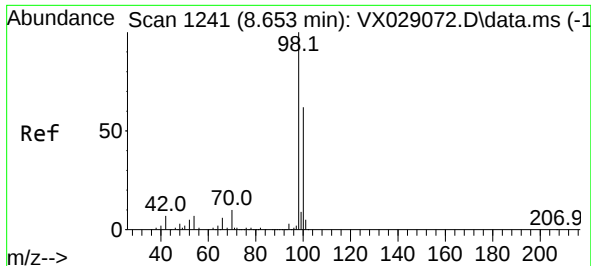
Tgt Ion:117 Resp: 32875
Ion Ratio Lower Upper
117 100
119 3.6 77.3 115.9#
121 0.0 24.2 36.2#



#44
Trichloroethene
Concen: 1.754 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX029259.D
Acq: 07 Jun 2022 00:29

Tgt Ion:130 Resp: 10539
Ion Ratio Lower Upper
130 100
95 103.1 0.0 188.8

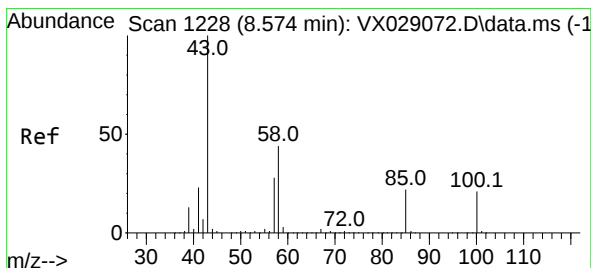
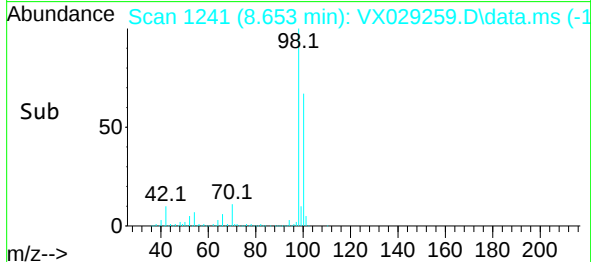
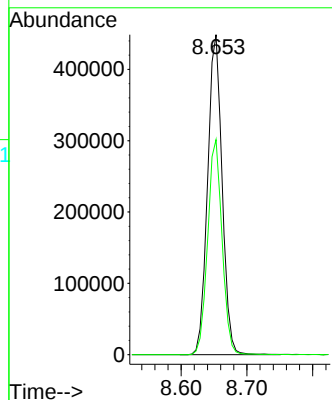
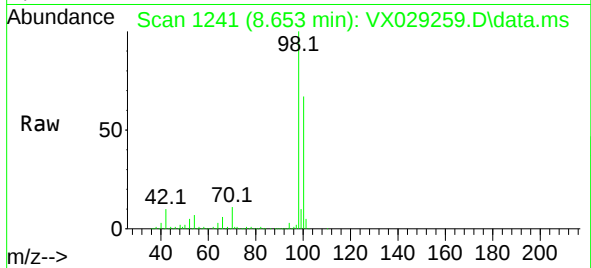




#50
Toluene-d8
Concen: 49.070 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029259.D
Acq: 07 Jun 2022 00:29

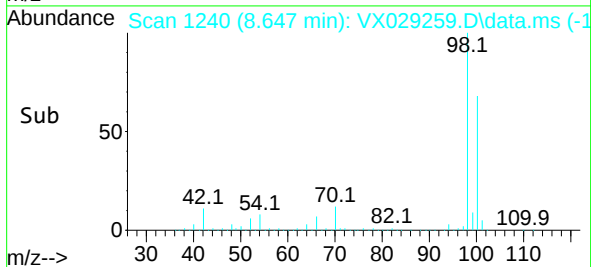
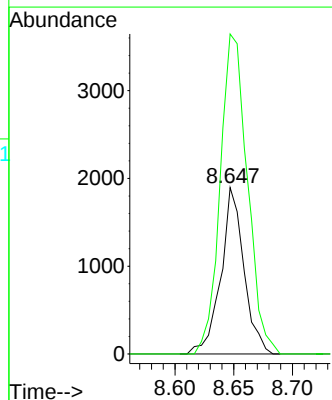
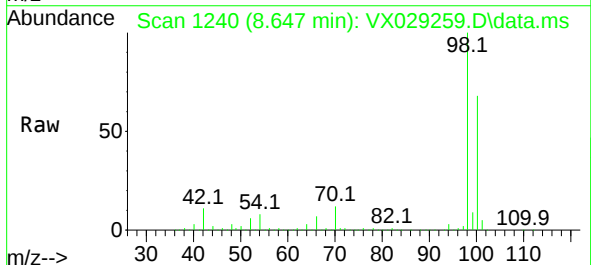
Instrument :
MSVOA_X
ClientSampleId :
TB08-20220531

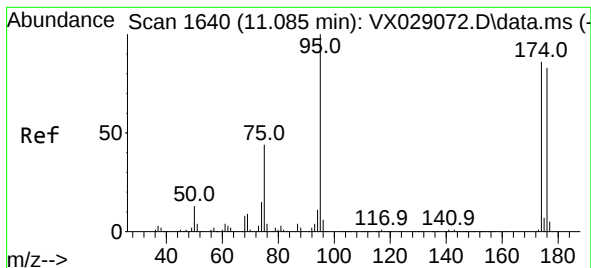
Tgt Ion: 98 Resp: 688425
Ion Ratio Lower Upper
98 100
100 66.6 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.520 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX029259.D
Acq: 07 Jun 2022 00:29

Tgt Ion: 43 Resp: 2589
Ion Ratio Lower Upper
43 100
58 227.0 36.1 54.1#

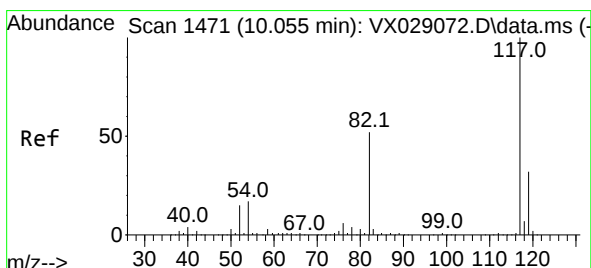
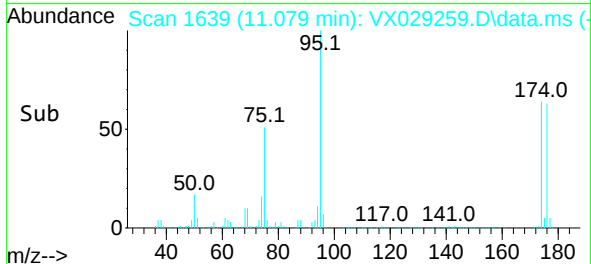
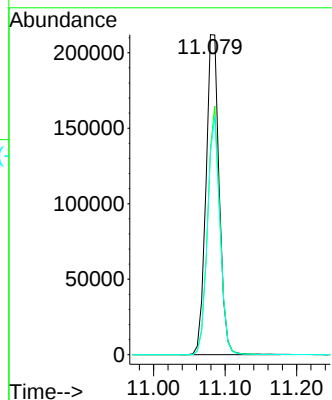
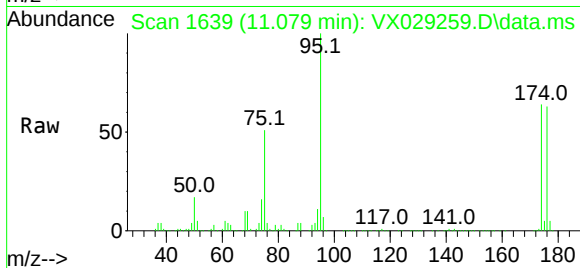




#62
4-Bromofluorobenzene
Concen: 50.158 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029259.D
Acq: 07 Jun 2022 00:29

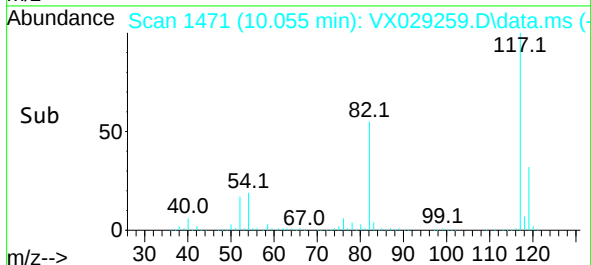
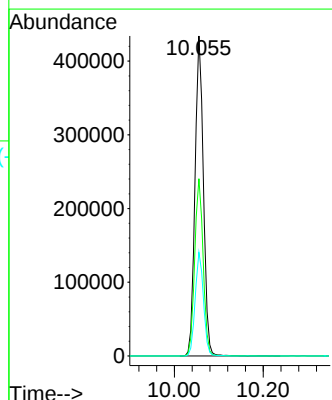
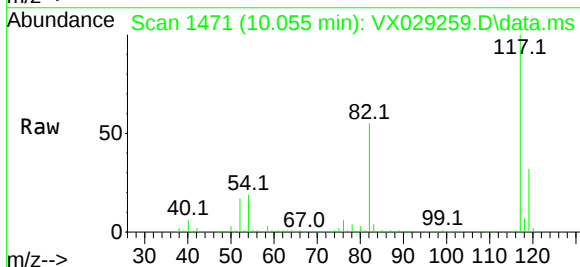
Instrument :
MSVOA_X
ClientSampleId :
TB08-20220531

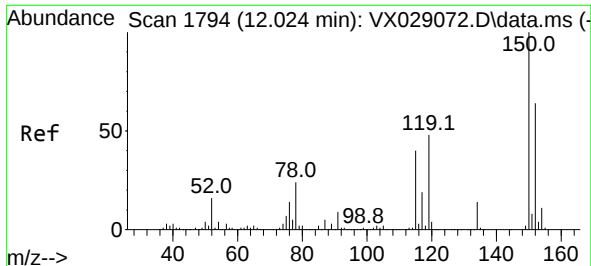
Tgt Ion: 95 Resp: 272011
Ion Ratio Lower Upper
95 100
174 72.5 0.0 163.0
176 70.1 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029259.D
Acq: 07 Jun 2022 00:29

Tgt Ion: 117 Resp: 565939
Ion Ratio Lower Upper
117 100
82 55.4 41.8 62.8
119 32.4 24.8 37.2

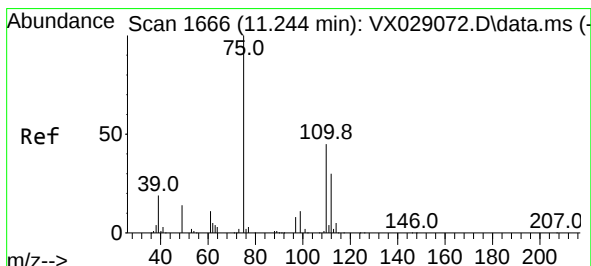
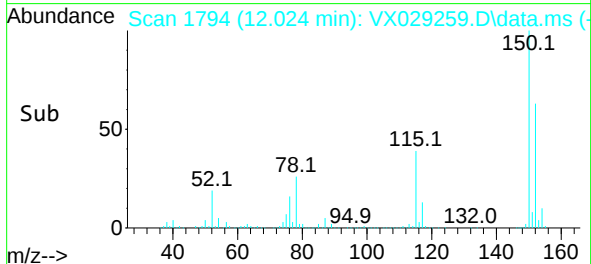
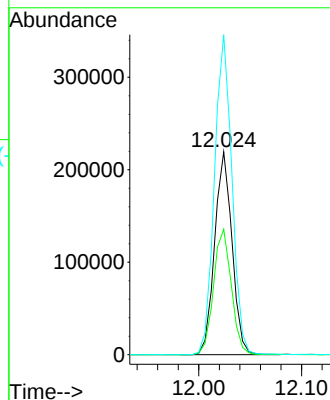
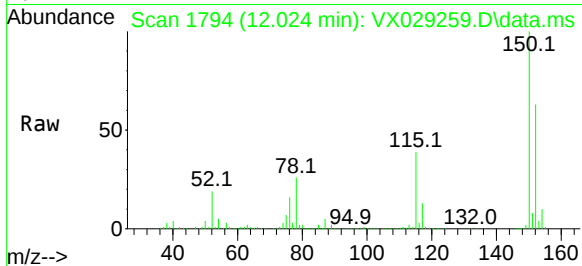




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029259.D
Acq: 07 Jun 2022 00:29

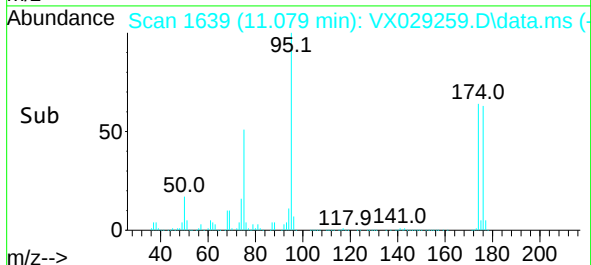
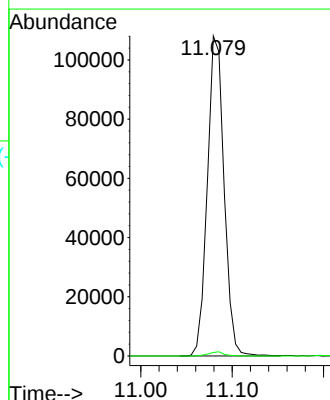
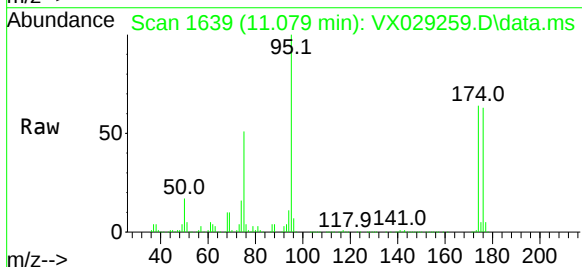
Instrument :
MSVOA_X
ClientSampleId :
TB08-20220531

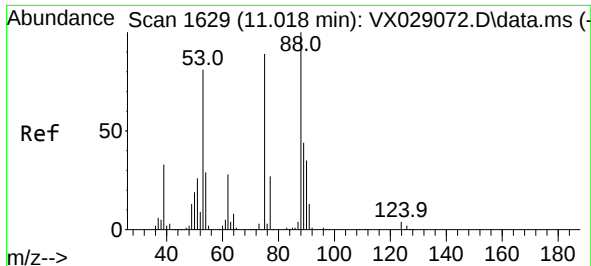
Tgt Ion:152 Resp: 258251
Ion Ratio Lower Upper
152 100
115 63.4 37.5 112.7
150 158.5 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 26.175 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029259.D
Acq: 07 Jun 2022 00:29

Tgt Ion: 75 Resp: 137033
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#

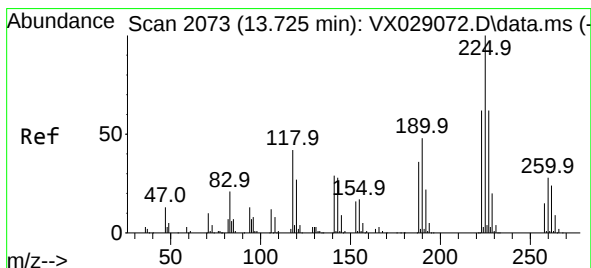
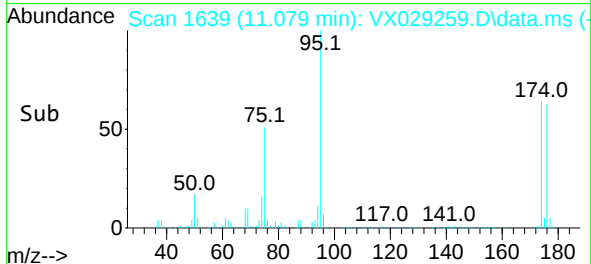
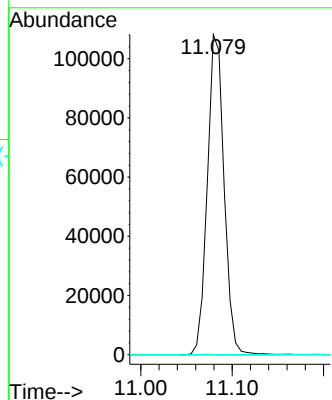
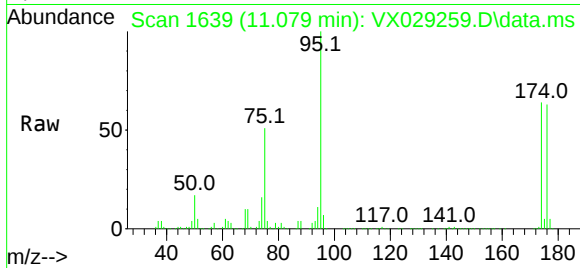




#81
trans-1,4-Dichloro-2-butene
Concen: 76.793 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX029259.D
Acq: 07 Jun 2022 00:29

Instrument :
MSVOA_X
ClientSampleId :
TB08-20220531

Tgt Ion: 75 Resp: 137033
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.1 37.0 55.6#



#94
Hexachlorobutadiene
Concen: Below Cal
RT: 13.731 min Scan# 2074
Delta R.T. 0.006 min
Lab File: VX029259.D
Acq: 07 Jun 2022 00:29

Tgt Ion: 225 Resp: 227
Ion Ratio Lower Upper
225 100
223 0.0 34.2 102.5#
227 33.9 33.9 101.7

