

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062022\
 Data File : VX029611.D
 Acq On : 20 Jun 2022 10:38
 Operator : JC/MD
 Sample : VX0620MBL01
 Misc : 5.00g10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0620MBL01

Quant Time: Jun 21 01:47:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 20 01:31:01 2022
 Response via : Initial Calibration

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

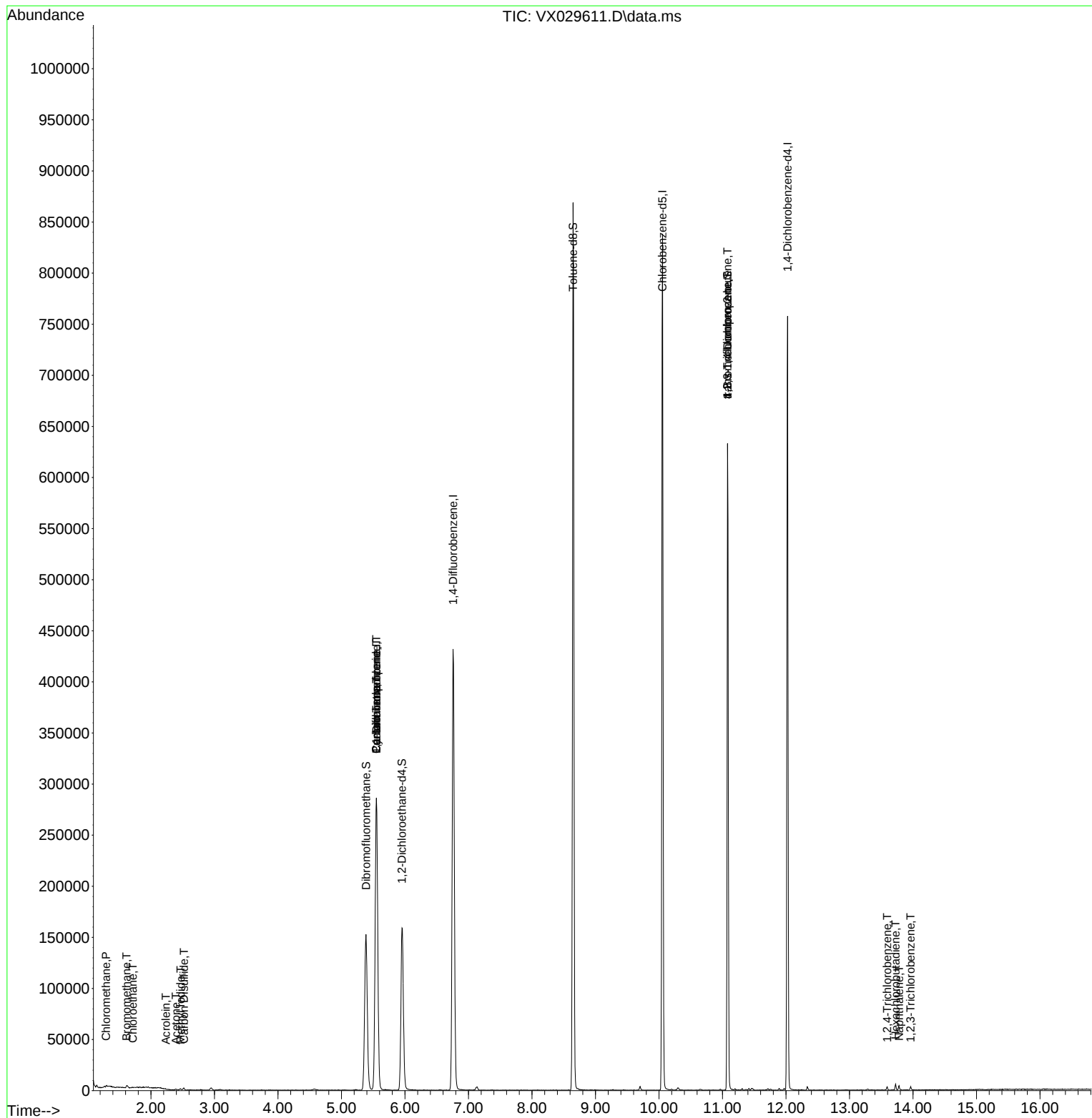
Internal Standards						
1) Pentafluorobenzene	5.550	168	277344	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	464037	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	393927	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	160868	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	154330	42.037	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	84.080%
35) Dibromofluoromethane	5.385	113	136861	45.257	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.520%
50) Toluene-d8	8.647	98	520353	47.101	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.200%
62) 4-Bromofluorobenzene	11.079	95	180947	43.433	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.860%
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	1108	0.306	ug/l	90
5) Bromomethane	1.618	94	986	0.580	ug/l	89
6) Chloroethane	1.715	64	305	1.407	ug/l #	43
10) Methyl Iodide	2.465	142	1318	3.391	ug/l #	91
11) Tert butyl alcohol	2.953	59	1240	Below Cal	#	72
13) Acrolein	2.233	56	48	0.237	ug/l #	62
16) Acetone	2.392	43	568	0.388	ug/l	99
17) Carbon Disulfide	2.520	76	2313	0.318	ug/l	96
31) Cyclohexane	5.550	56	5173	1.050	ug/l #	12
36) 1,1-Dichloropropene	5.550	75	19789	4.835	ug/l #	50
38) Carbon Tetrachloride	5.550	117	28395	7.055	ug/l #	15
44) Trichloroethene	7.123	130	1528	Below Cal		78
76) 1,2,3-Trichloropropane	11.079	75	86296	24.624	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	86296	81.919	ug/l #	15
93) 1,2,4-Trichlorobenzene	13.591	180	868	0.276	ug/l	83
94) Hexachlorobutadiene	13.725	225	906	0.704	ug/l	92
95) Naphthalene	13.780	128	3007	0.266	ug/l #	95
96) 1,2,3-Trichlorobenzene	13.963	180	855	0.272	ug/l	95

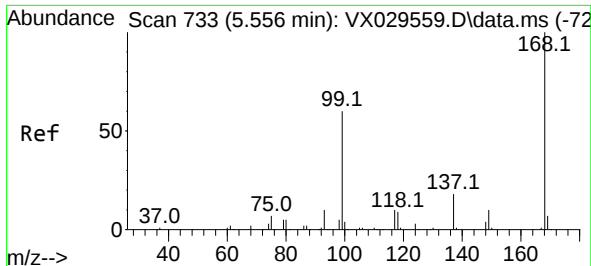
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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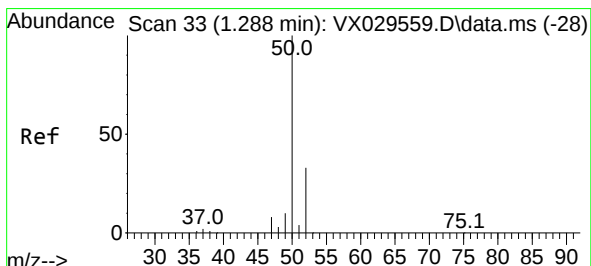
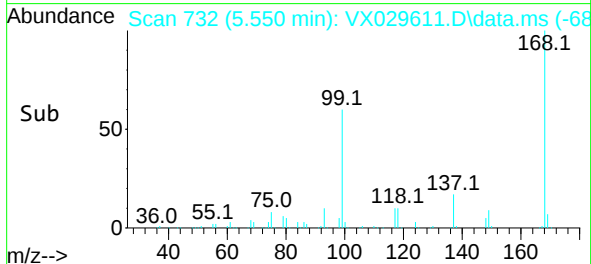
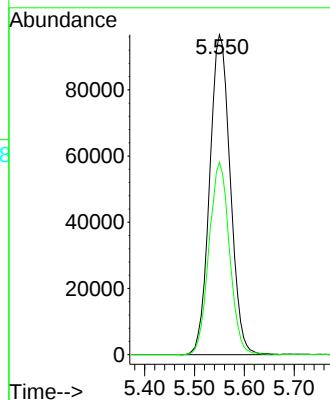
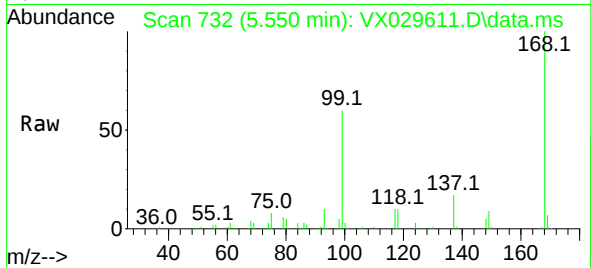




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX029611.D
Acq: 20 Jun 2022 10:38

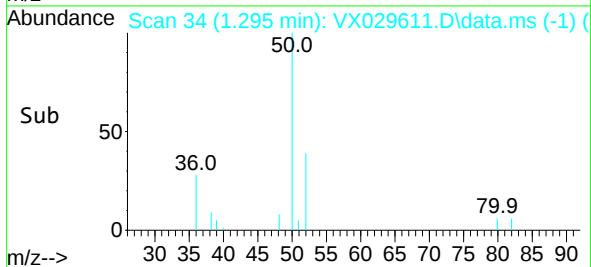
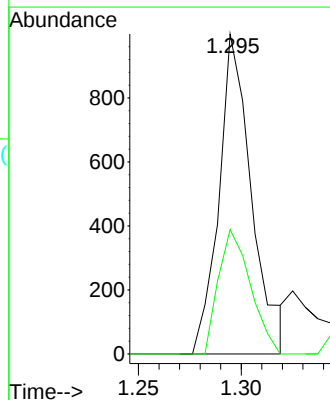
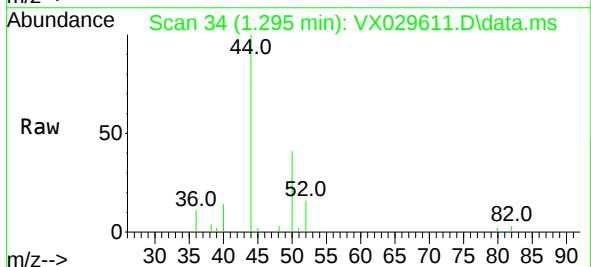
Instrument :
MSVOA_X
ClientSampleId :
VX0620MBL01

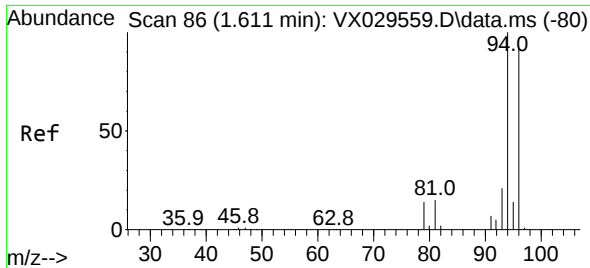
Tgt Ion:168 Resp: 277344
Ion Ratio Lower Upper
168 100
99 60.2 41.7 62.5



#3
Chloromethane
Concen: 0.306 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.007 min
Lab File: VX029611.D
Acq: 20 Jun 2022 10:38

Tgt Ion: 50 Resp: 1108
Ion Ratio Lower Upper
50 100
52 38.9 26.4 39.6

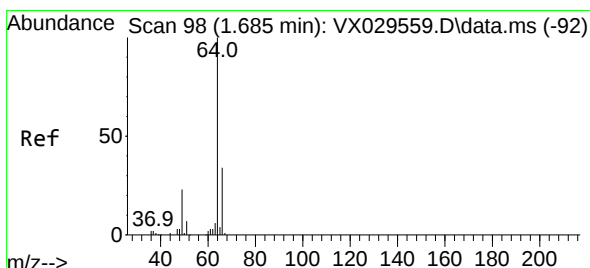
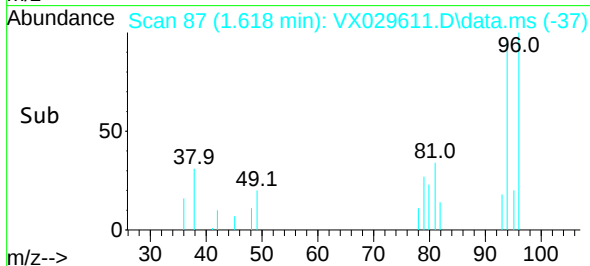
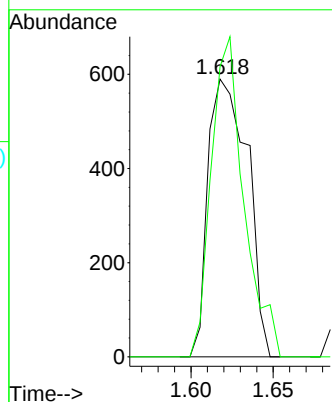
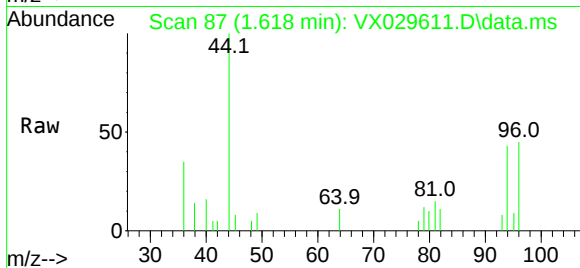




#5
Bromomethane
Concen: 0.580 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.007 min
Lab File: VX029611.D
Acq: 20 Jun 2022 10:38

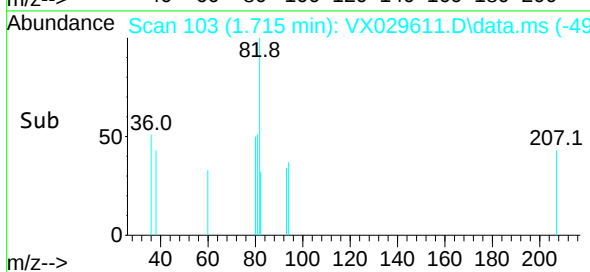
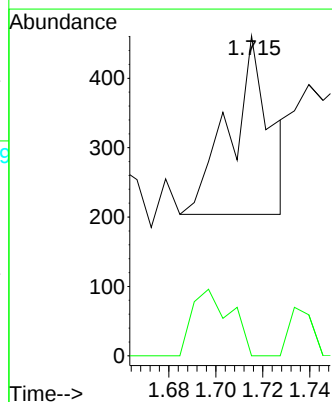
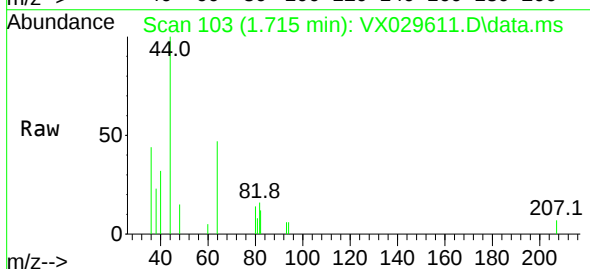
Instrument :
MSVOA_X
ClientSampleId :
VX0620MBL01

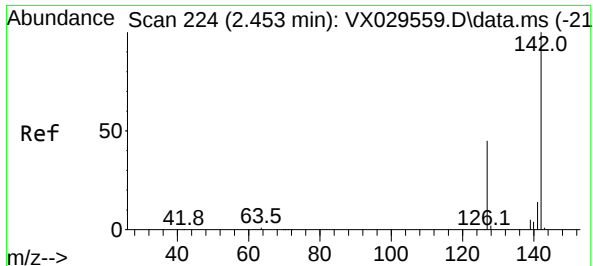
Tgt Ion: 94 Resp: 986
Ion Ratio Lower Upper
94 100
96 104.4 75.3 112.9



#6
Chloroethane
Concen: 1.407 ug/l
RT: 1.715 min Scan# 103
Delta R.T. 0.030 min
Lab File: VX029611.D
Acq: 20 Jun 2022 10:38

Tgt Ion: 64 Resp: 305
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#

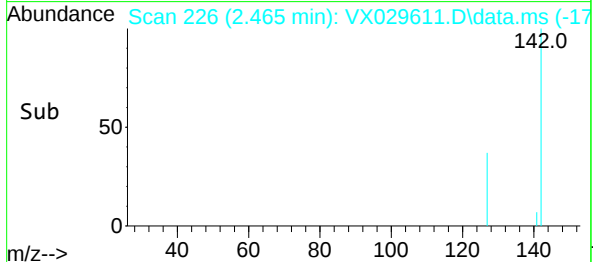
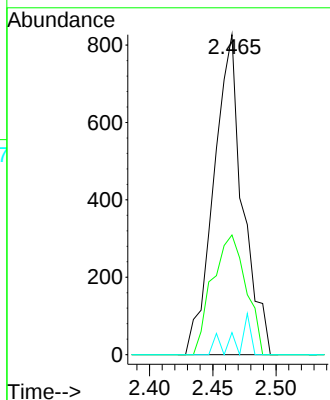
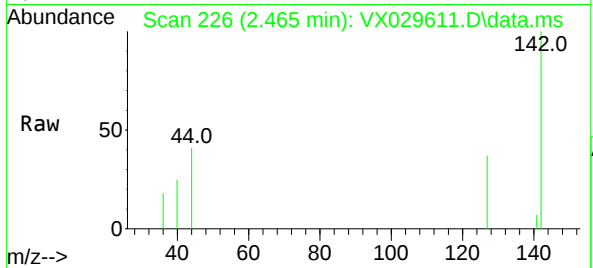




#10
Methyl Iodide
Concen: 3.391 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX029611.D
Acq: 20 Jun 2022 10:38

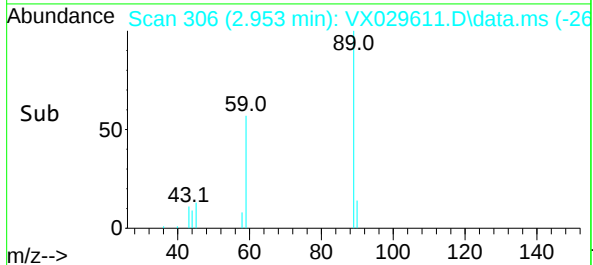
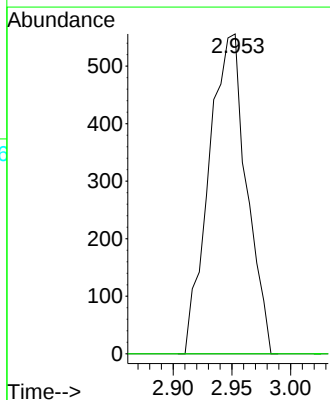
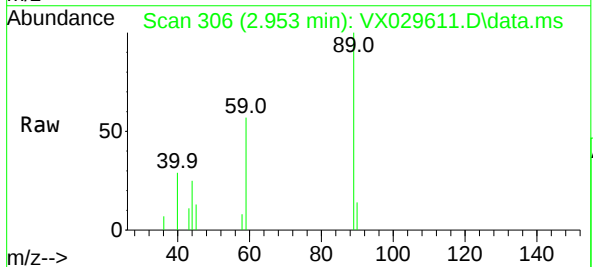
Instrument :
MSVOA_X
ClientSampleId :
VX0620MBL01

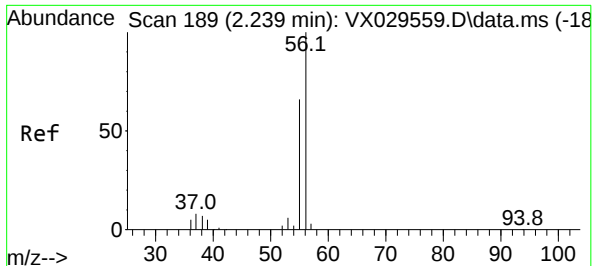
Tgt Ion:142 Resp: 1318
Ion Ratio Lower Upper
142 100
127 43.6 33.9 50.9
141 1.5 11.4 17.2#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX029611.D
Acq: 20 Jun 2022 10:38

Tgt Ion: 59 Resp: 1240
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#13

Acrolein

Concen: 0.237 ug/l

RT: 2.233 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX029611.D

Acq: 20 Jun 2022 10:38

Instrument :

MSVOA_X

ClientSampleId :

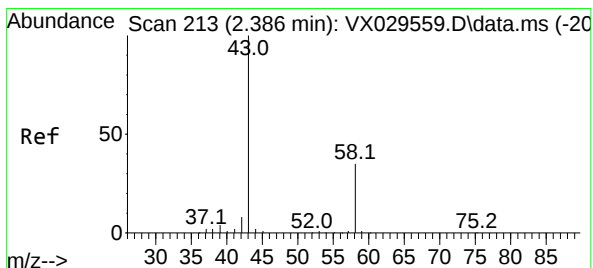
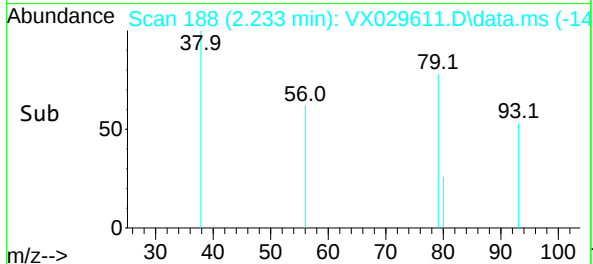
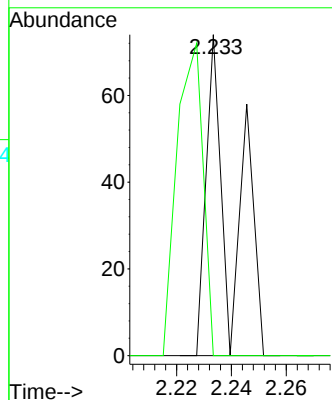
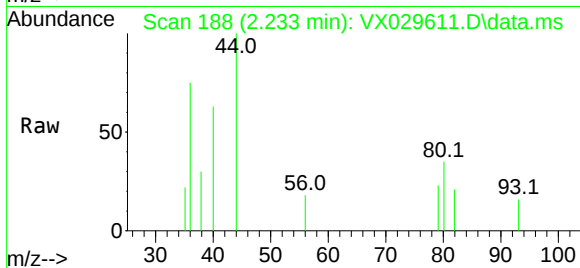
VX0620MBL01

Tgt Ion: 56 Resp: 48

Ion Ratio Lower Upper

56 100

55 100.0 55.0 82.6#



#16

Acetone

Concen: 0.388 ug/l

RT: 2.392 min Scan# 214

Delta R.T. 0.006 min

Lab File: VX029611.D

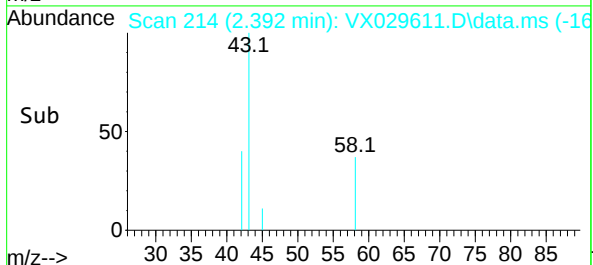
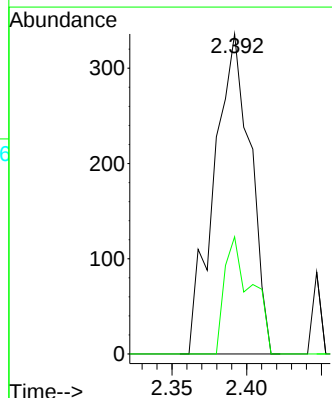
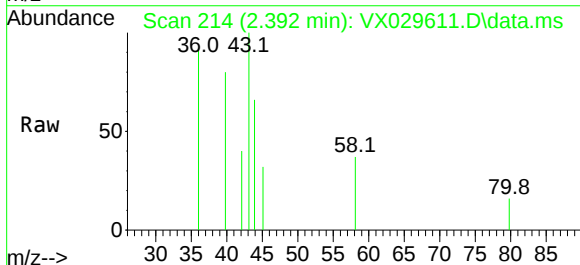
Acq: 20 Jun 2022 10:38

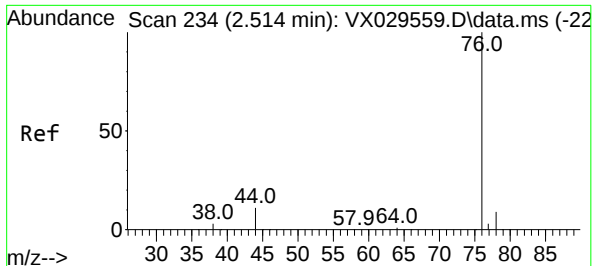
Tgt Ion: 43 Resp: 568

Ion Ratio Lower Upper

43 100

58 36.6 28.8 43.2

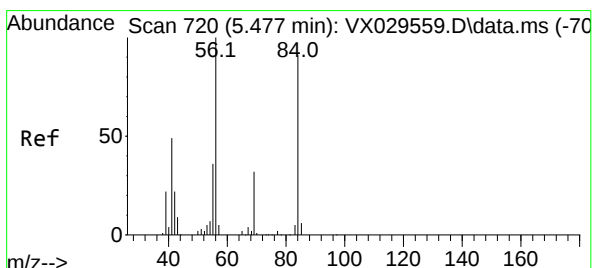
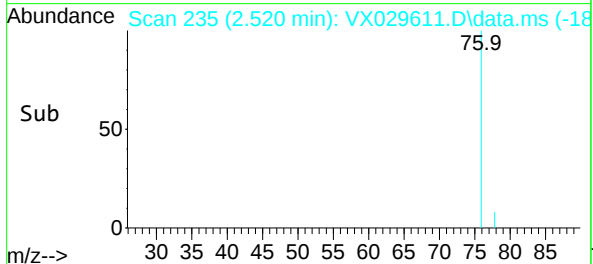
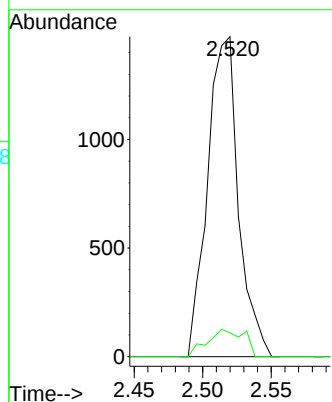
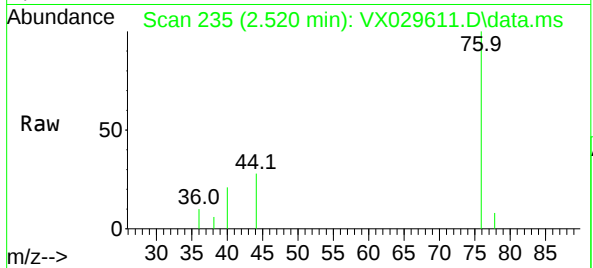




#17
Carbon Disulfide
Concen: 0.318 ug/l
RT: 2.520 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX029611.D
Acq: 20 Jun 2022 10:38

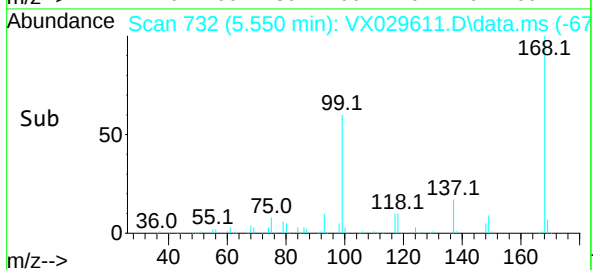
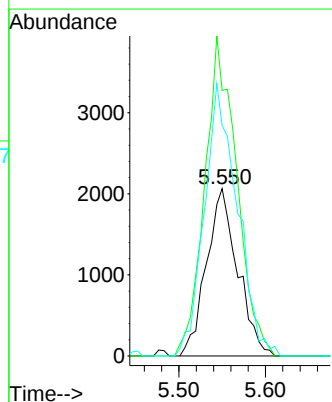
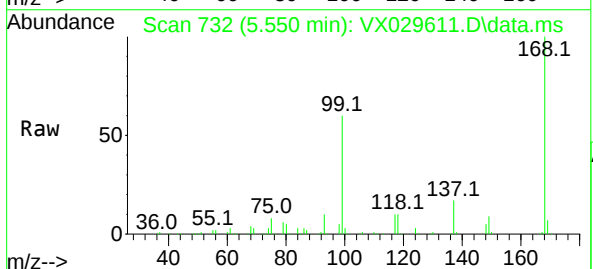
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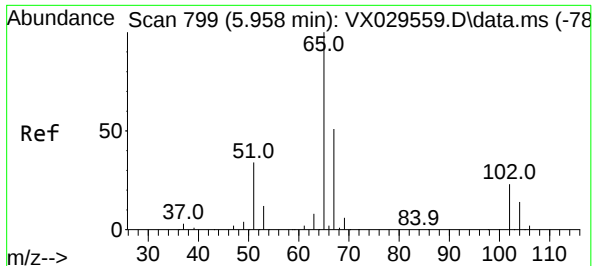
Tgt Ion: 76 Resp: 2313
Ion Ratio Lower Upper
76 100
78 7.5 7.2 10.8



#31
Cyclohexane
Concen: 1.050 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.073 min
Lab File: VX029611.D
Acq: 20 Jun 2022 10:38

Tgt Ion: 56 Resp: 5173
Ion Ratio Lower Upper
56 100
69 158.7 26.7 40.1#
84 137.6 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 42.037 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX029611.D

Acq: 20 Jun 2022 10:38

Instrument :

MSVOA_X

ClientSampleId :

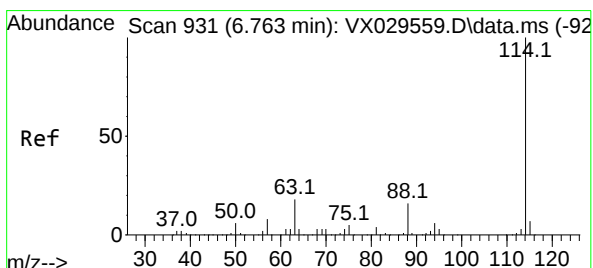
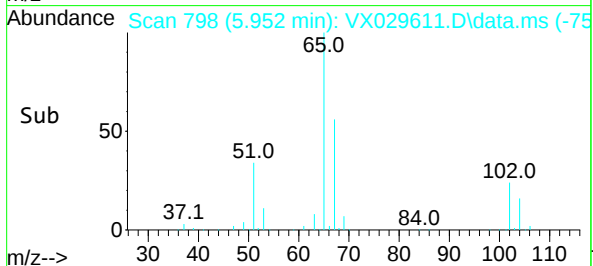
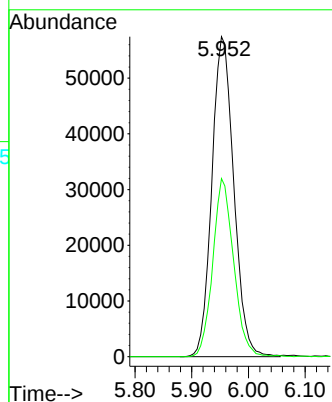
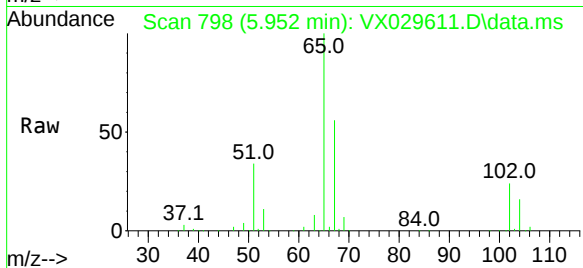
VX0620MBL01

Tgt Ion: 65 Resp: 154330

Ion Ratio Lower Upper

65 100

67 52.9 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX029611.D

Acq: 20 Jun 2022 10:38

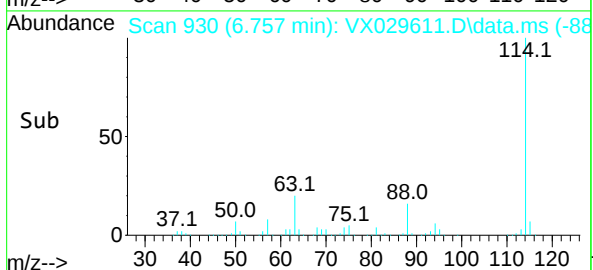
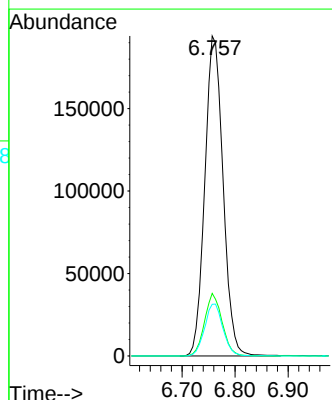
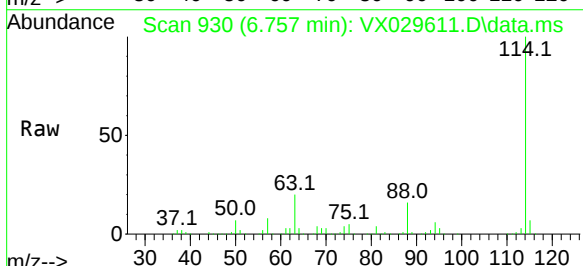
Tgt Ion: 114 Resp: 464037

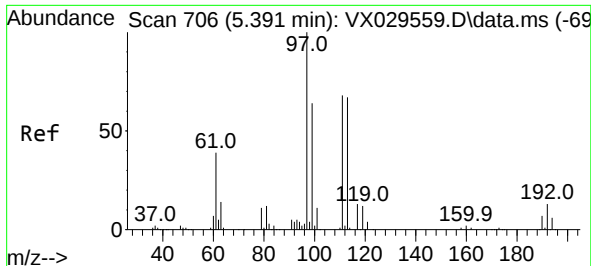
Ion Ratio Lower Upper

114 100

63 19.6 0.0 36.8

88 16.1 0.0 32.4





#35

Dibromofluoromethane

Concen: 45.257 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX029611.D

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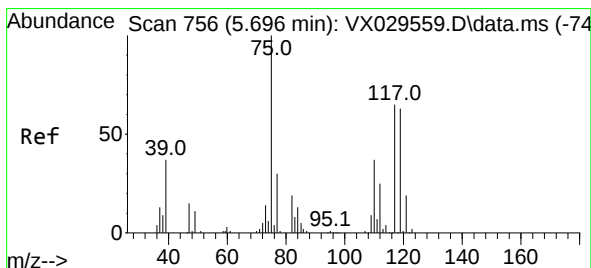
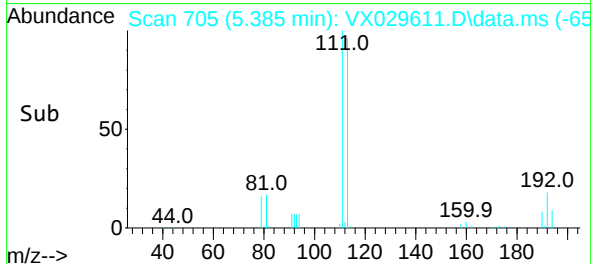
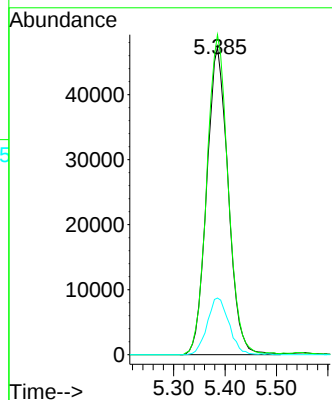
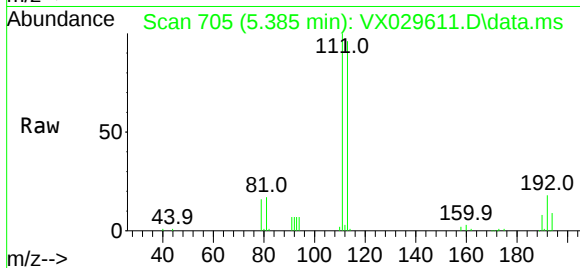
Tgt Ion:113 Resp: 136861

Ion Ratio Lower Upper

113 100

111 103.3 82.8 124.2

192 18.7 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.835 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX029611.D

Acq: 20 Jun 2022 10:38

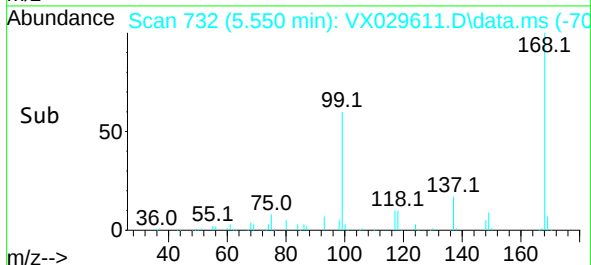
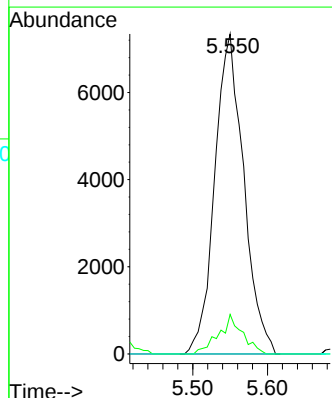
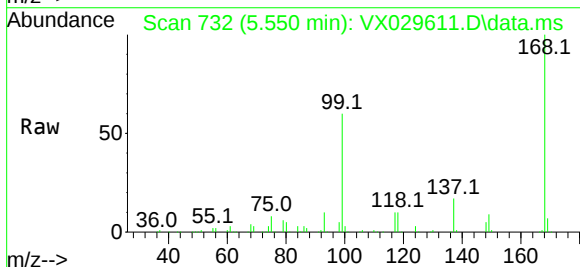
Tgt Ion: 75 Resp: 19789

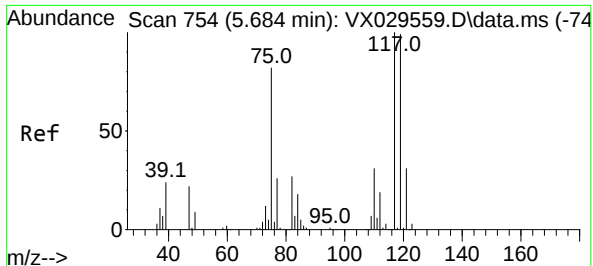
Ion Ratio Lower Upper

75 100

110 10.1 18.3 54.8#

77 0.0 24.8 37.2#

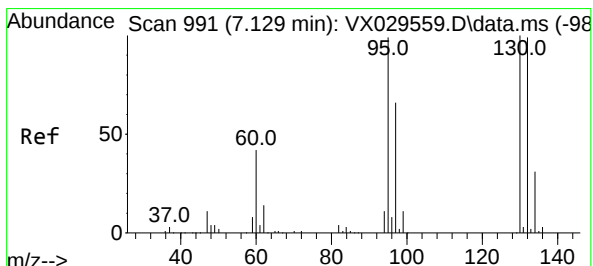
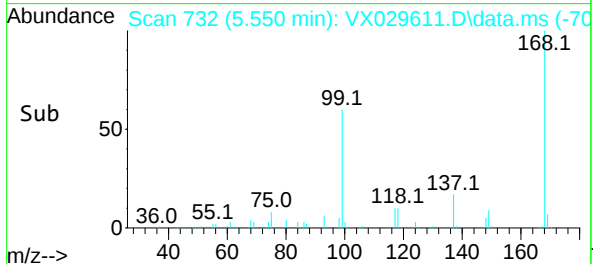
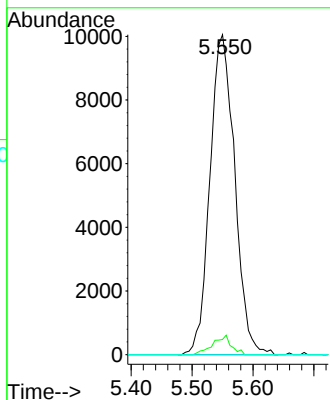
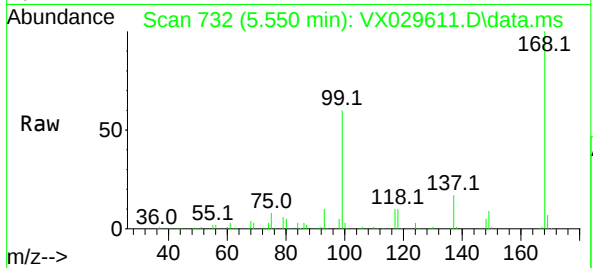




#38
Carbon Tetrachloride
Concen: 7.055 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX029611.D
Acq: 20 Jun 2022 10:38

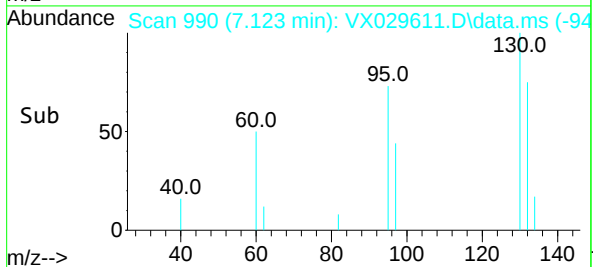
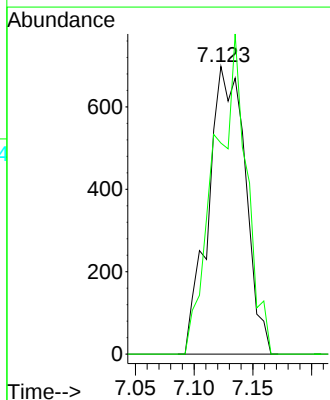
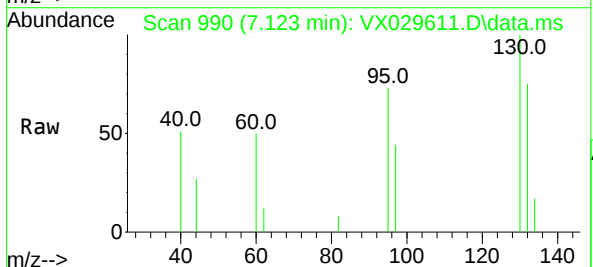
Instrument :
MSVOA_X
ClientSampleId :
VX0620MBL01

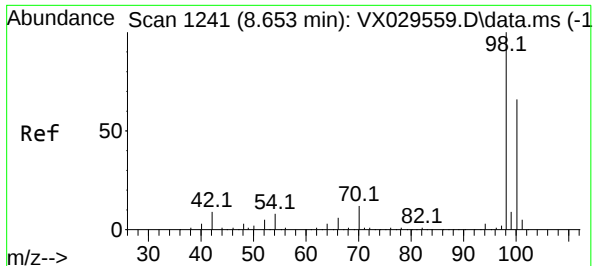
Tgt Ion:117 Resp: 28395
Ion Ratio Lower Upper
117 100
119 4.7 77.3 115.9#
121 0.0 24.2 36.2#



#44
Trichloroethene
Concen: Below Cal
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX029611.D
Acq: 20 Jun 2022 10:38

Tgt Ion:130 Resp: 1528
Ion Ratio Lower Upper
130 100
95 73.4 0.0 188.8





#50

Toluene-d8

Concen: 47.101 ug/l

RT: 8.647 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX029611.D

Acq: 20 Jun 2022 10:38

Instrument :

MSVOA_X

ClientSampleId :

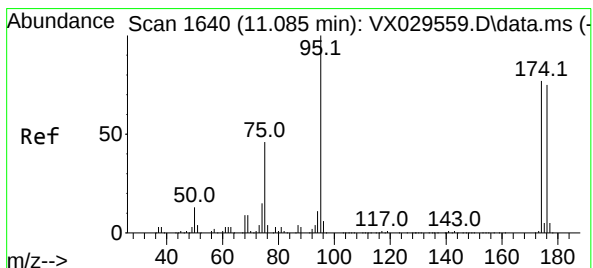
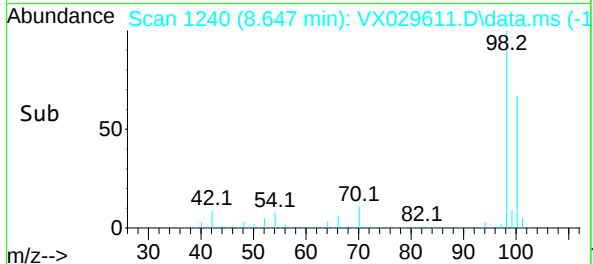
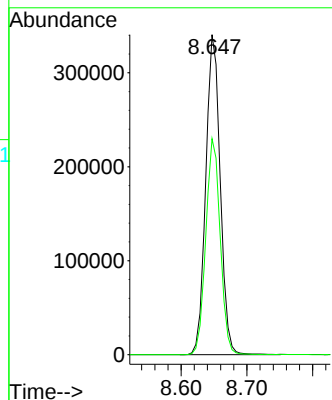
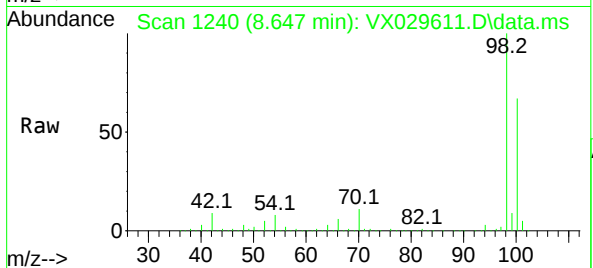
VX0620MBL01

Tgt Ion: 98 Resp: 520353

Ion Ratio Lower Upper

98 100

100 67.3 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 43.433 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX029611.D

Acq: 20 Jun 2022 10:38

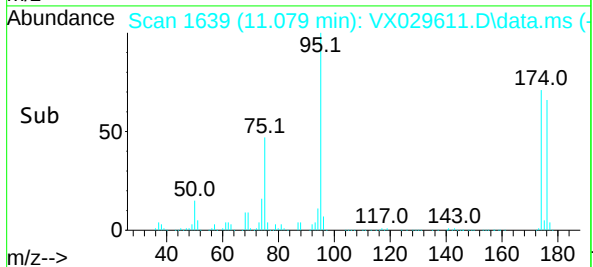
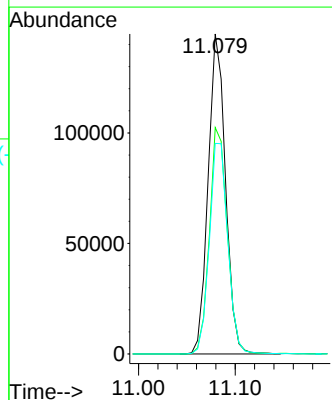
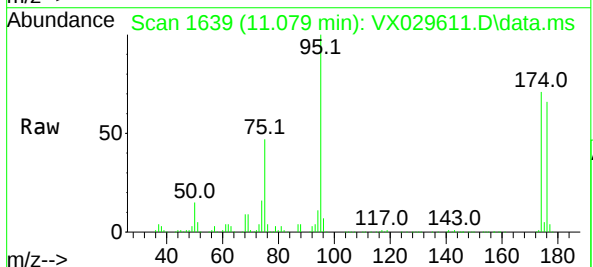
Tgt Ion: 95 Resp: 180947

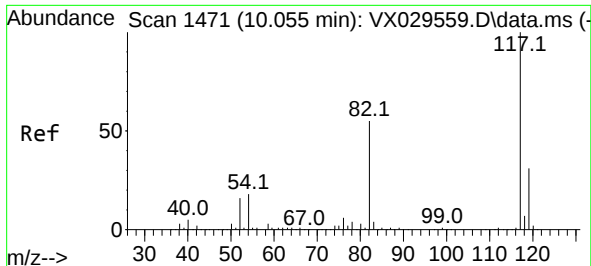
Ion Ratio Lower Upper

95 100

174 72.5 0.0 163.0

176 70.0 0.0 155.0

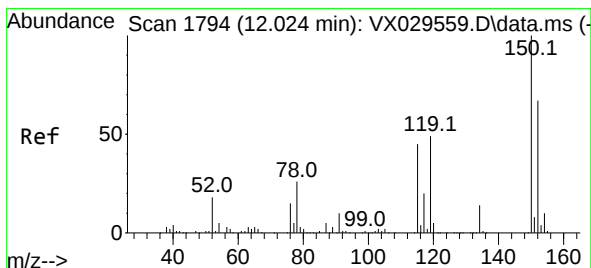
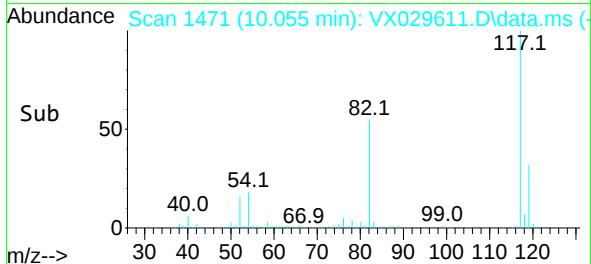
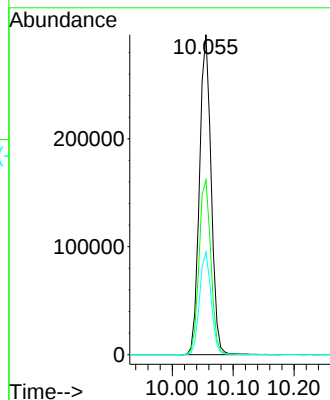
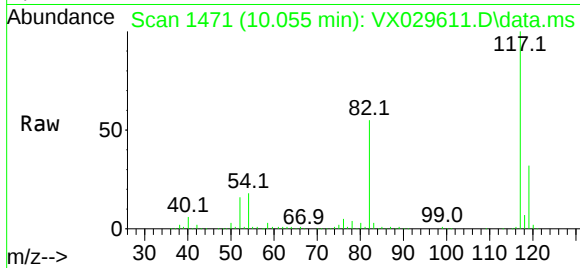




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029611.D
Acq: 20 Jun 2022 10:38

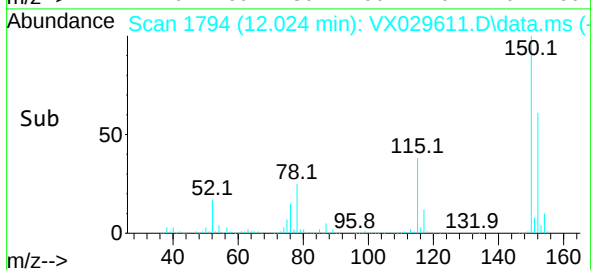
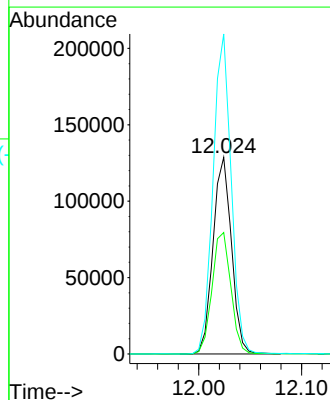
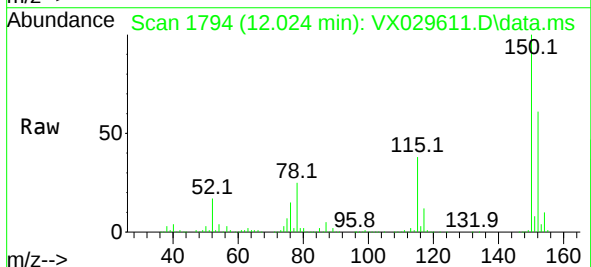
Instrument :
MSVOA_X
ClientSampleId :
VX0620MBL01

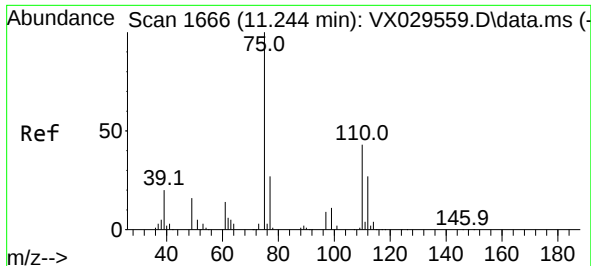
Tgt Ion:117 Resp: 393927
Ion Ratio Lower Upper
117 100
82 54.6 41.8 62.8
119 32.0 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029611.D
Acq: 20 Jun 2022 10:38

Tgt Ion:152 Resp: 160868
Ion Ratio Lower Upper
152 100
115 63.2 37.5 112.7
150 159.2 0.0 338.2

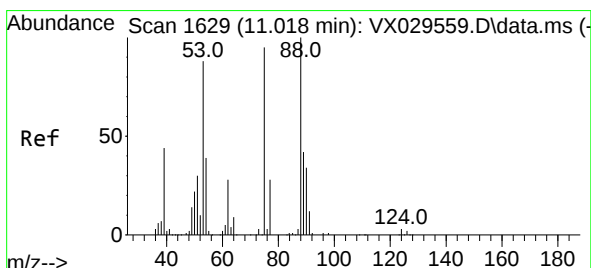
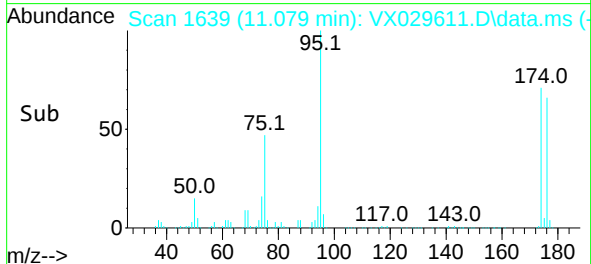
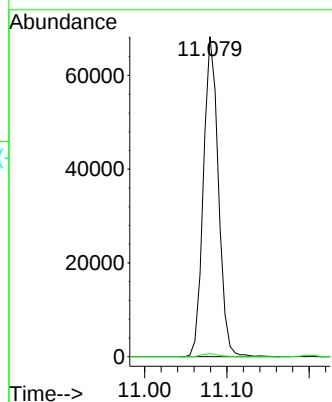
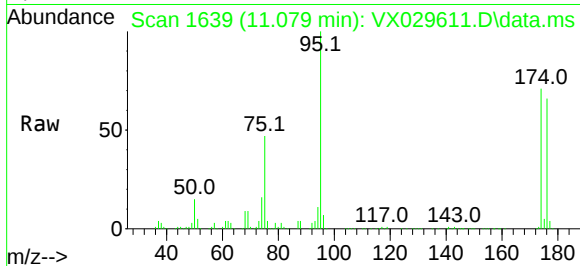




#76
1,2,3-Trichloropropane
Concen: 24.624 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029611.D
Acq: 20 Jun 2022 10:38

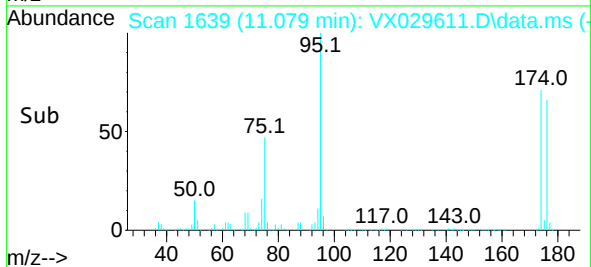
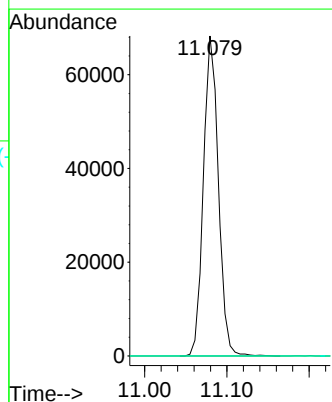
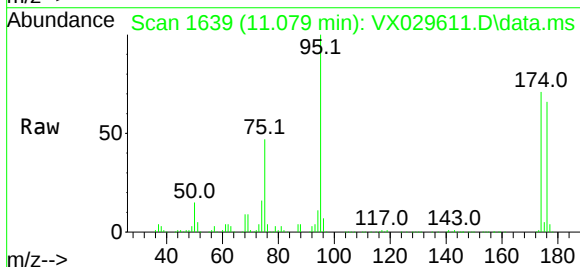
Instrument :
MSVOA_X
ClientSampleId :
VX0620MBL01

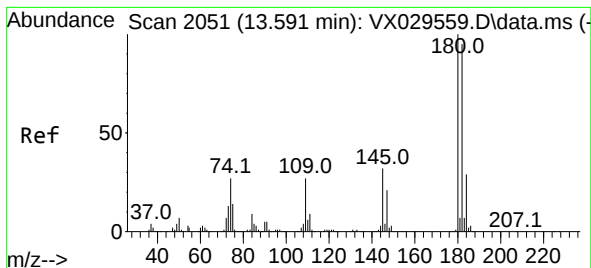
Tgt Ion: 75 Resp: 86296
Ion Ratio Lower Upper
75 100
77 1.0 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 81.919 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX029611.D
Acq: 20 Jun 2022 10:38

Tgt Ion: 75 Resp: 86296
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#





#93

1,2,4-Trichlorobenzene

Concen: 0.276 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX029611.D

Acq: 20 Jun 2022 10:38

Instrument :

MSVOA_X

ClientSampleId :

VX0620MBL01

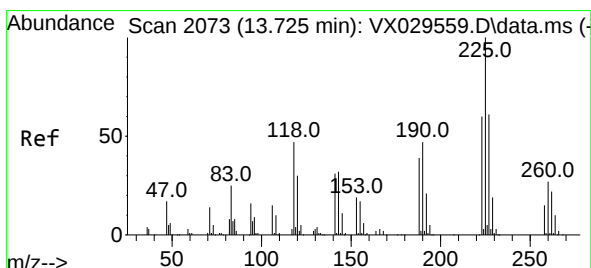
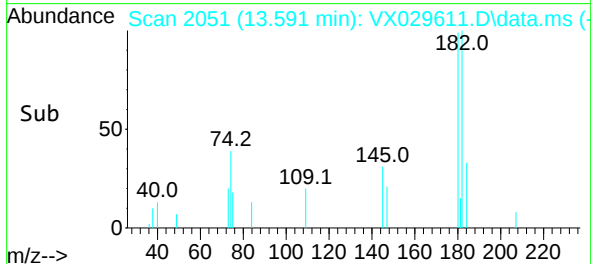
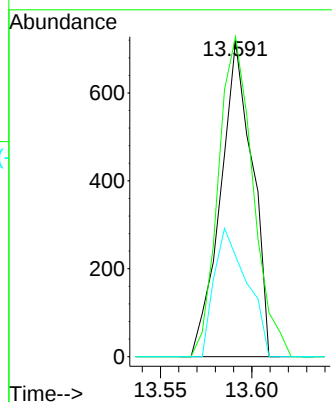
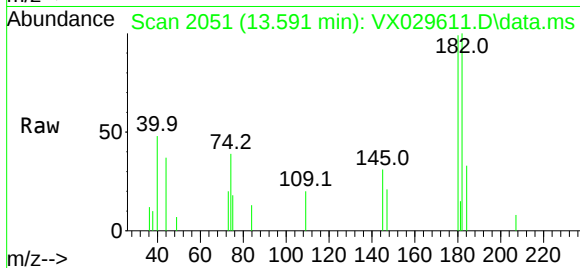
Tgt Ion:180 Resp: 868

Ion Ratio Lower Upper

180 100

182 110.4 47.7 143.1

145 41.9 15.2 45.5



#94

Hexachlorobutadiene

Concen: 0.704 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX029611.D

Acq: 20 Jun 2022 10:38

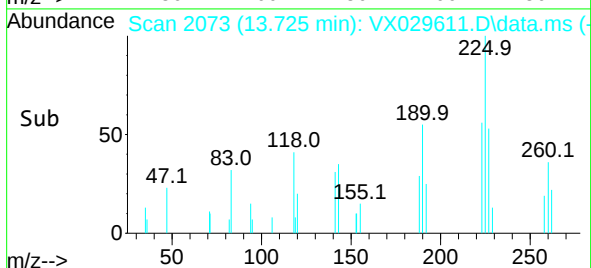
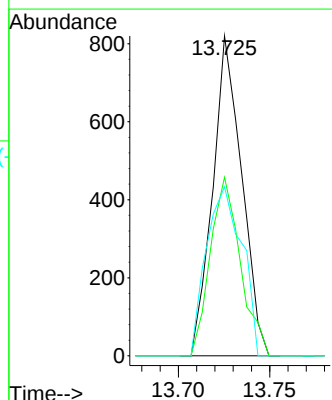
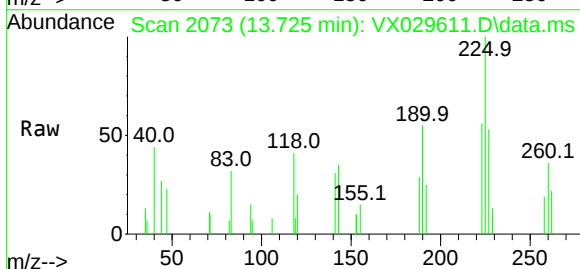
Tgt Ion:225 Resp: 906

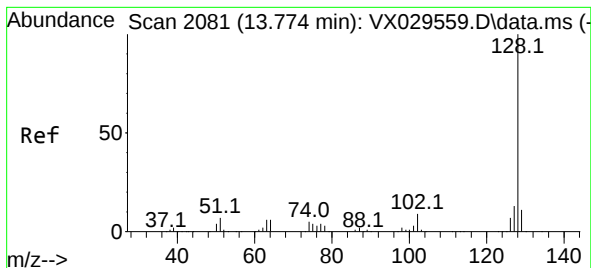
Ion Ratio Lower Upper

225 100

223 57.8 34.2 102.5

227 64.8 33.9 101.7





#95

Naphthalene

Concen: 0.266 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX029611.D

Acq: 20 Jun 2022 10:38

Instrument :

MSVOA_X

ClientSampleId :

VX0620MBL01

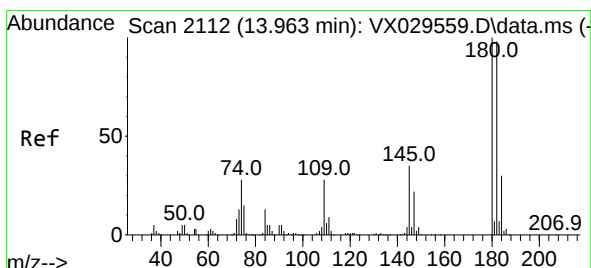
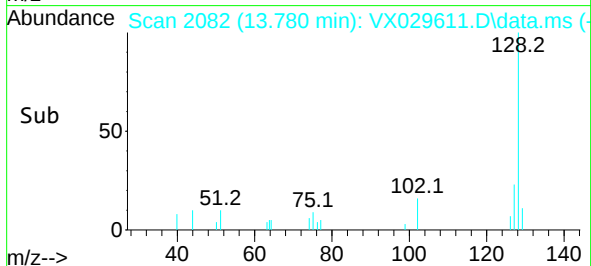
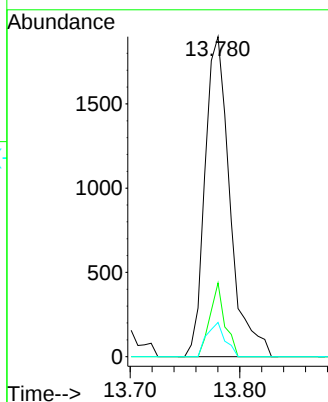
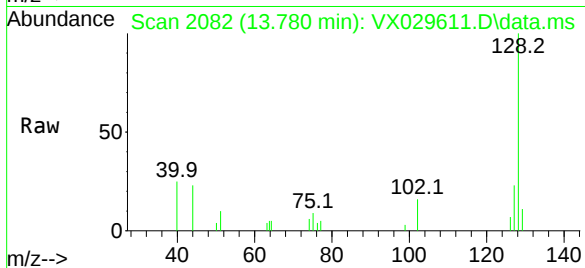
Tgt Ion:128 Resp: 3007

Ion Ratio Lower Upper

128 100

127 13.7 10.2 15.4

129 7.8 8.7 13.1#



#96

1,2,3-Trichlorobenzene

Concen: 0.272 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX029611.D

Acq: 20 Jun 2022 10:38

Tgt Ion:180 Resp: 855

Ion Ratio Lower Upper

180 100

182 98.4 50.0 149.8

145 41.1 16.2 48.5

