

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062022\
 Data File : VX029638.D
 Acq On : 21 Jun 2022 04:12
 Operator : JC/MD
 Sample : N3354-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-46

Quant Time: Jun 21 08:47:01 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)

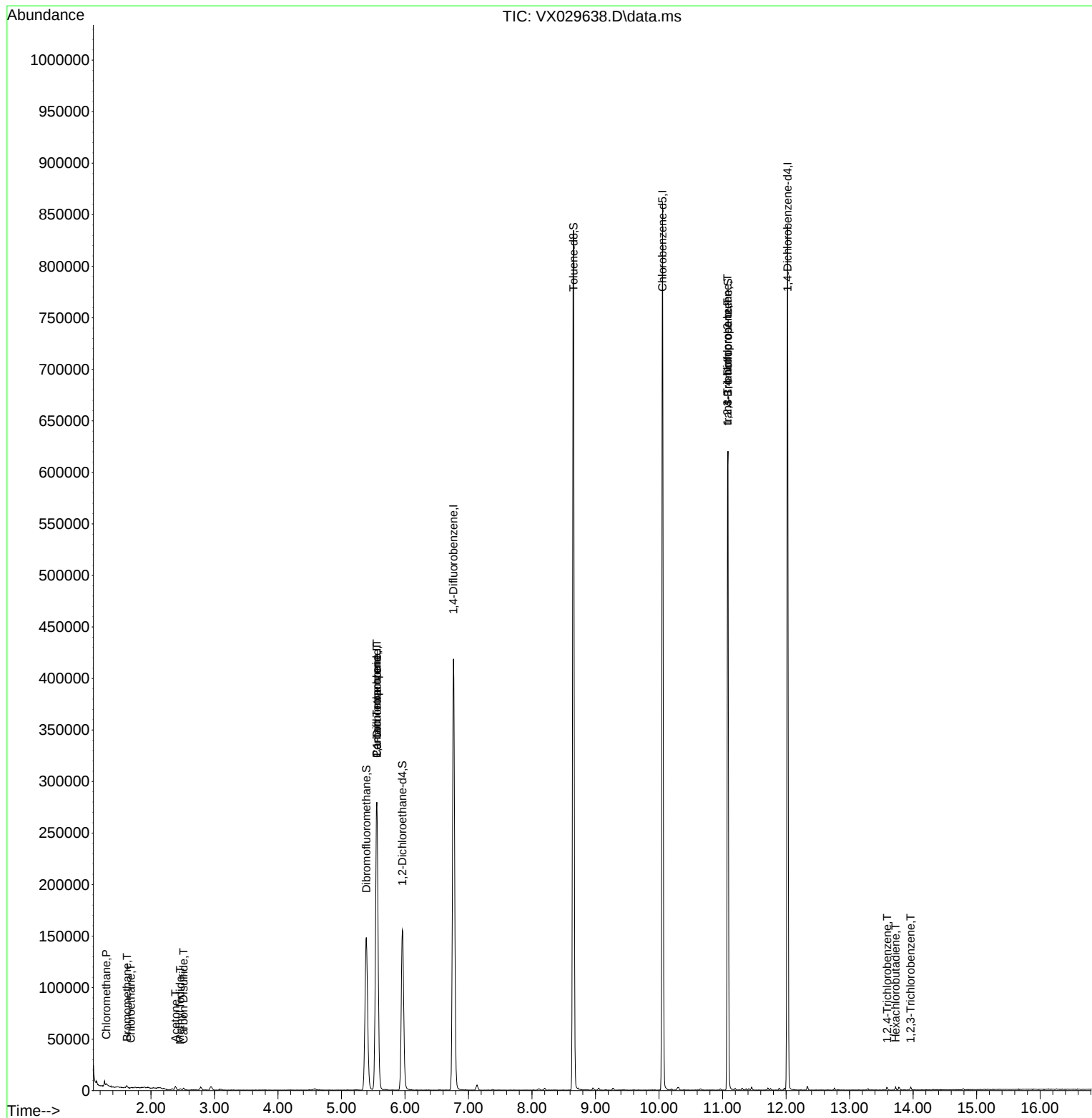
Internal Standards						
1) Pentafluorobenzene	5.556	168	266227	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	450580	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	394541	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	172700	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	149390	42.391	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	84.780%
35) Dibromofluoromethane	5.391	113	133651	45.516	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.040%
50) Toluene-d8	8.653	98	512353	47.762	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.520%
62) 4-Bromofluorobenzene	11.085	95	185485	45.852	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.700%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	1169	0.337	ug/l #	79
5) Bromomethane	1.624	94	862	0.528	ug/l	81
6) Chloroethane	1.685	64	436	1.462	ug/l #	43
10) Methyl Iodide	2.459	142	1325	3.408	ug/l	96
11) Tert butyl alcohol	2.947	59	2295	Below Cal	#	72
16) Acetone	2.386	43	3689	2.626	ug/l	95
17) Carbon Disulfide	2.514	76	2071	0.296	ug/l #	89
36) 1,1-Dichloropropene	5.556	75	19716	4.961	ug/l #	50
38) Carbon Tetrachloride	5.556	117	28226	7.222	ug/l #	16
44) Trichloroethene	7.135	130	2133	Below Cal		99
76) 1,2,3-Trichloropropane	11.079	75	87550	23.271	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	87550	77.415	ug/l #	15
93) 1,2,4-Trichlorobenzene	13.591	180	808	0.239	ug/l	85
94) Hexachlorobutadiene	13.725	225	563	0.407	ug/l	85
96) 1,2,3-Trichlorobenzene	13.963	180	766	0.227	ug/l #	88

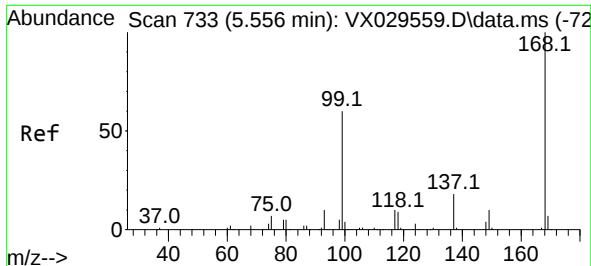
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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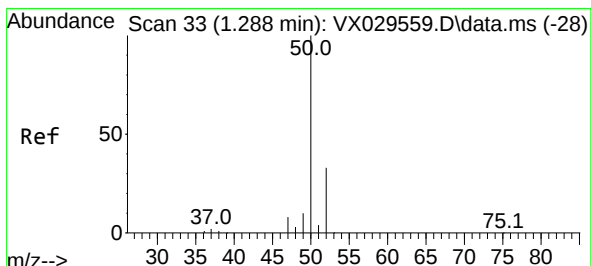
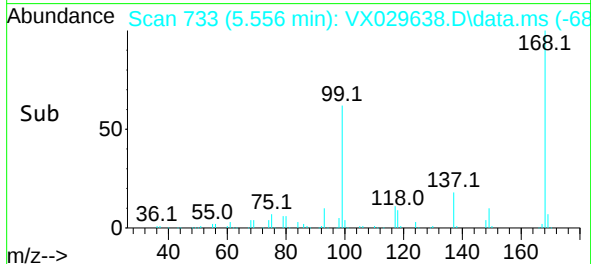
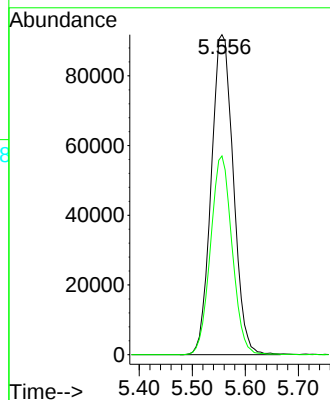
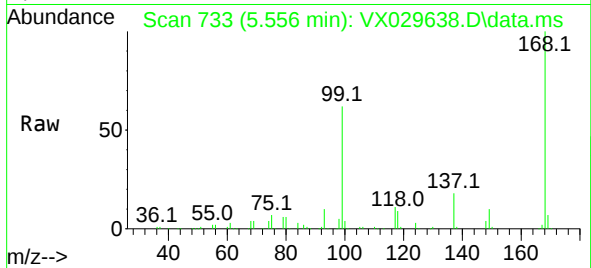




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029638.D
Acq: 21 Jun 2022 04:12

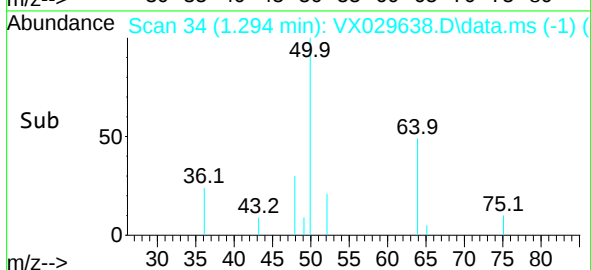
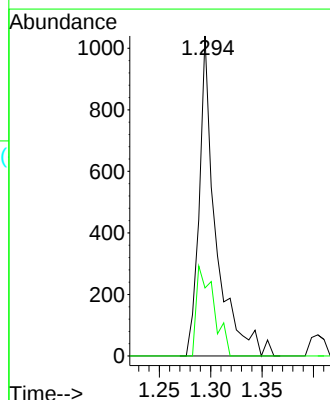
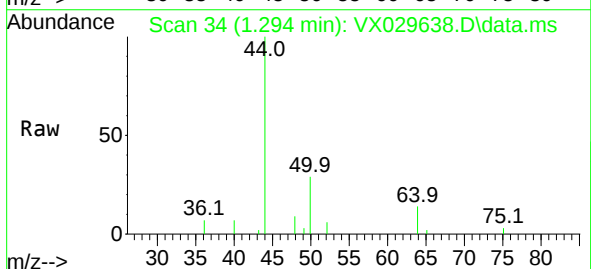
Instrument :
MSVOA_X
ClientSampleId :
MW-46

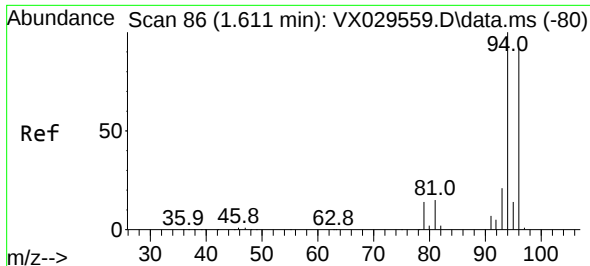
Tgt Ion:168 Resp: 266227
Ion Ratio Lower Upper
168 100
99 62.1 41.7 62.5



#3
Chloromethane
Concen: 0.337 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX029638.D
Acq: 21 Jun 2022 04:12

Tgt Ion: 50 Resp: 1169
Ion Ratio Lower Upper
50 100
52 21.3 26.4 39.6#

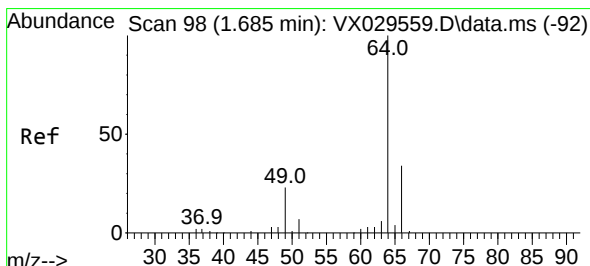
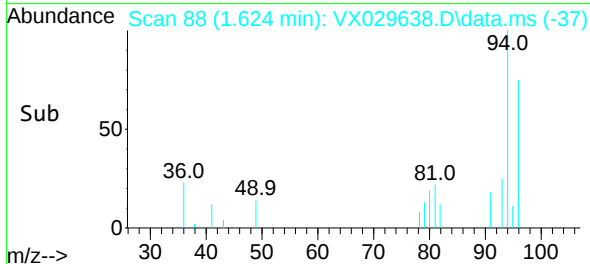
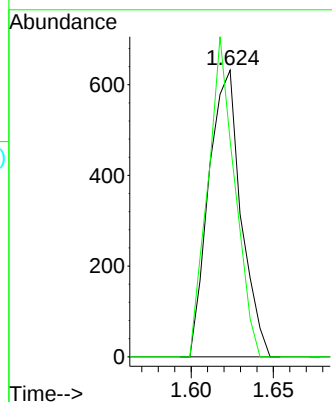
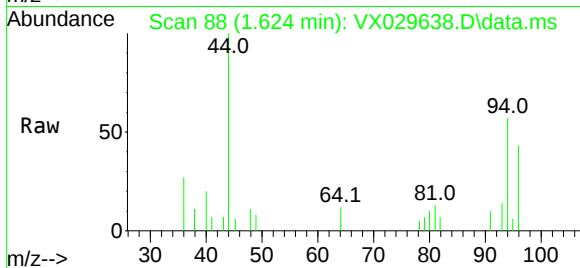




#5
Bromomethane
Concen: 0.528 ug/l
RT: 1.624 min Scan# 81
Delta R.T. 0.013 min
Lab File: VX029638.D
Acq: 21 Jun 2022 04:12

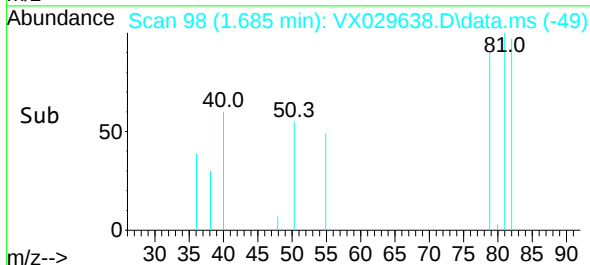
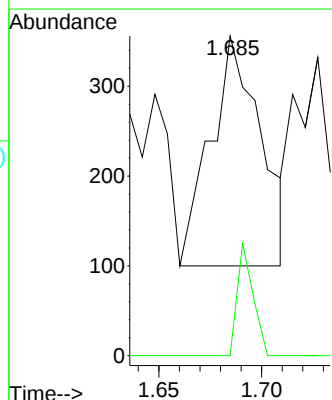
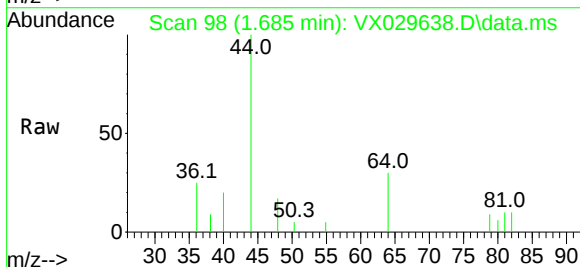
Instrument :
MSVOA_X
ClientSampleId :
MW-46

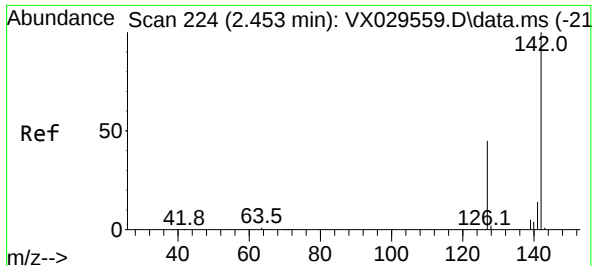
Tgt Ion: 94 Resp: 862
Ion Ratio Lower Upper
94 100
96 75.5 75.3 112.9



#6
Chloroethane
Concen: 1.462 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX029638.D
Acq: 21 Jun 2022 04:12

Tgt Ion: 64 Resp: 436
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9

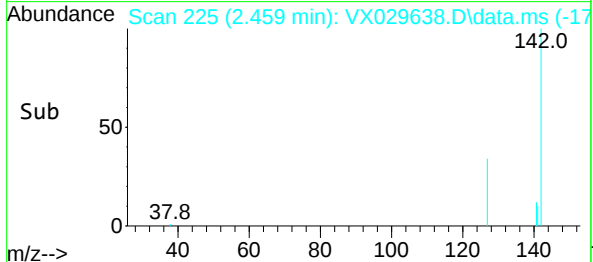
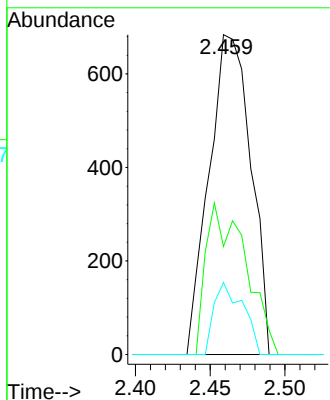
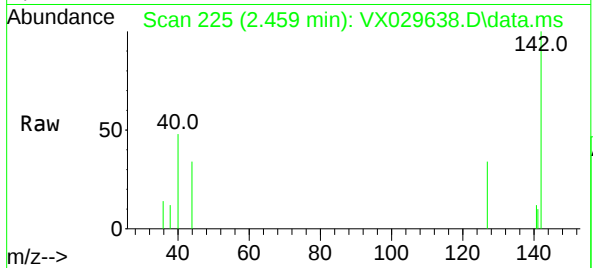




#10
Methyl Iodide
Concen: 3.408 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX029638.D
Acq: 21 Jun 2022 04:12

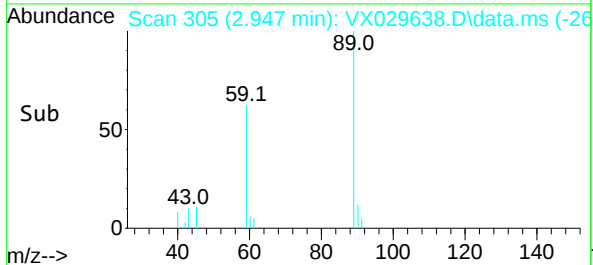
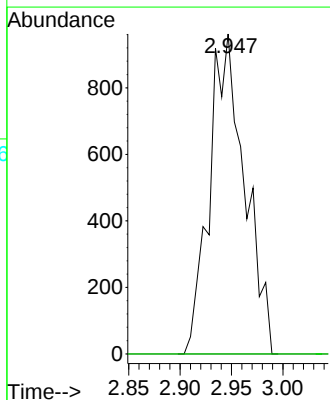
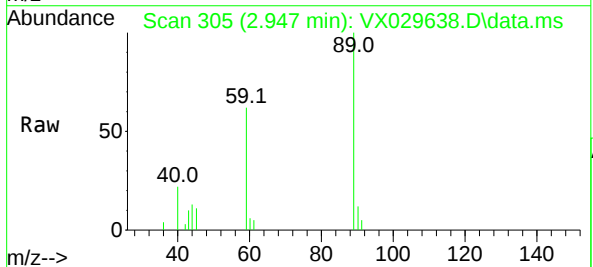
Instrument :
MSVOA_X
ClientSampleId :
MW-46

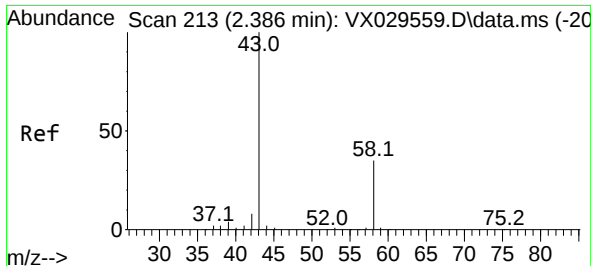
Tgt Ion:142 Resp: 1325
Ion Ratio Lower Upper
142 100
127 45.1 33.9 50.9
141 15.6 11.4 17.2



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 305
Delta R.T. -0.036 min
Lab File: VX029638.D
Acq: 21 Jun 2022 04:12

Tgt Ion: 59 Resp: 2295
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

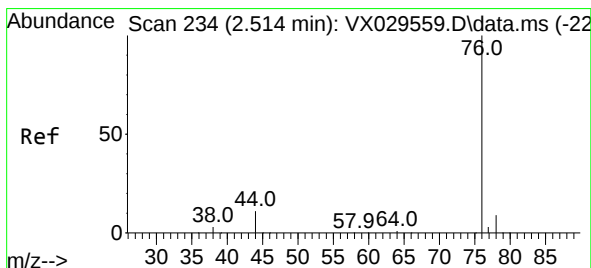
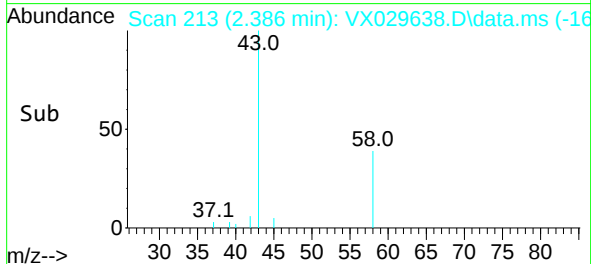
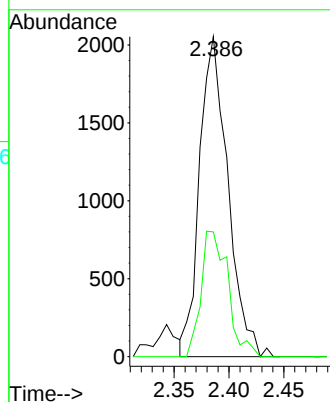
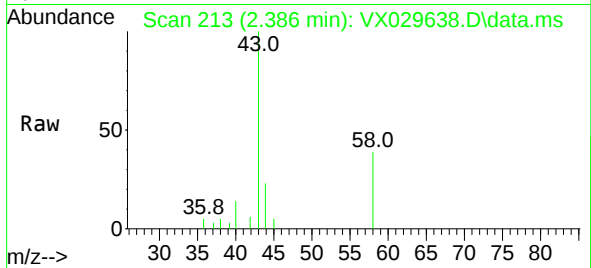




#16
Acetone
Concen: 2.626 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX029638.D
Acq: 21 Jun 2022 04:12

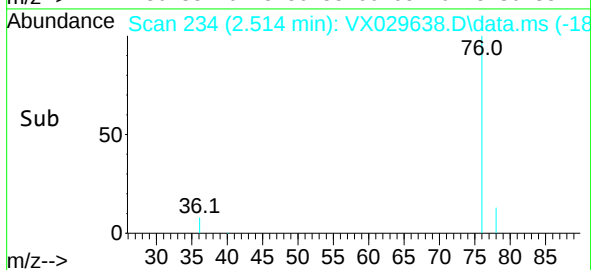
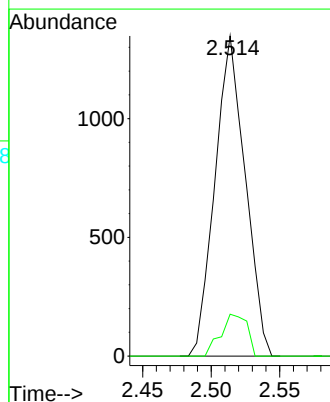
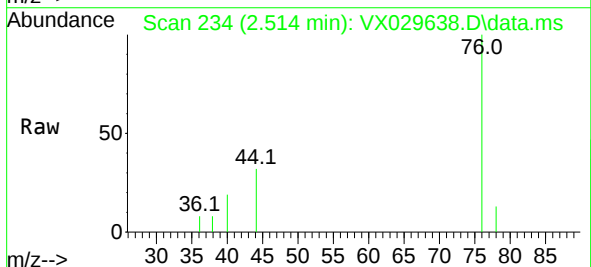
Instrument :
MSVOA_X
ClientSampleId :
MW-46

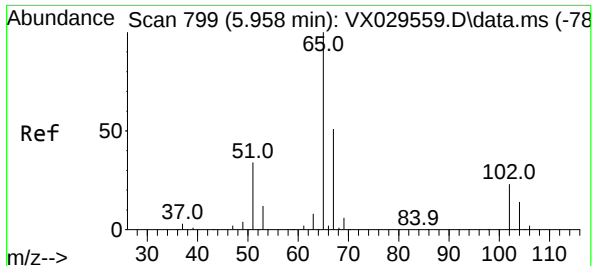
Tgt Ion: 43 Resp: 3689
Ion Ratio Lower Upper
43 100
58 39.0 28.8 43.2



#17
Carbon Disulfide
Concen: 0.296 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX029638.D
Acq: 21 Jun 2022 04:12

Tgt Ion: 76 Resp: 2071
Ion Ratio Lower Upper
76 100
78 13.1 7.2 10.8#





#33

1,2-Dichloroethane-d4

Concen: 42.391 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029638.D

Acq: 21 Jun 2022 04:12

Instrument :

MSVOA_X

ClientSampleId :

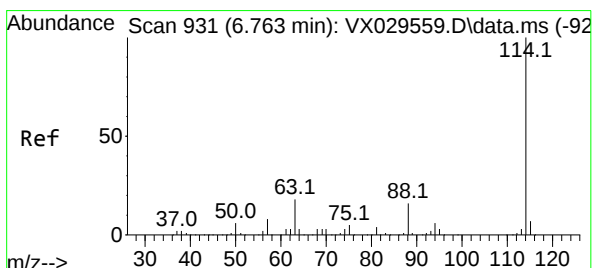
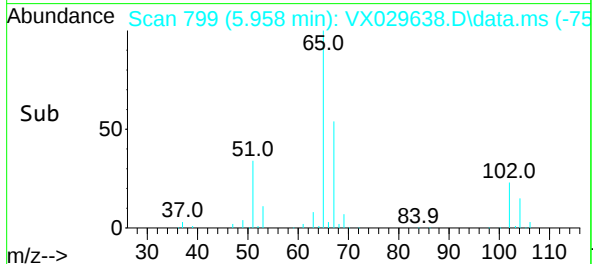
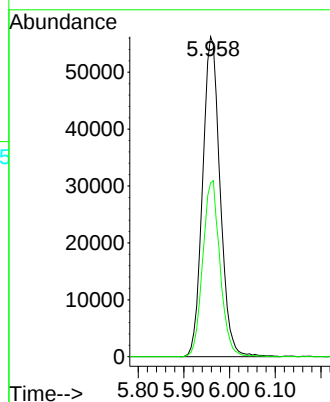
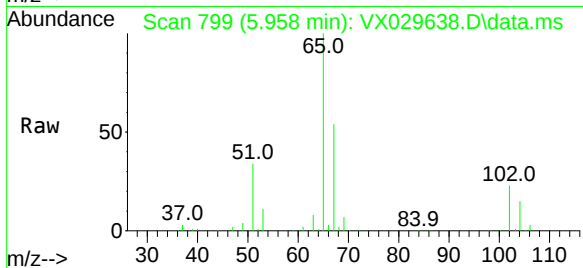
MW-46

Tgt Ion: 65 Resp: 149390

Ion Ratio Lower Upper

65 100

67 54.3 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: VX029638.D

Acq: 21 Jun 2022 04:12

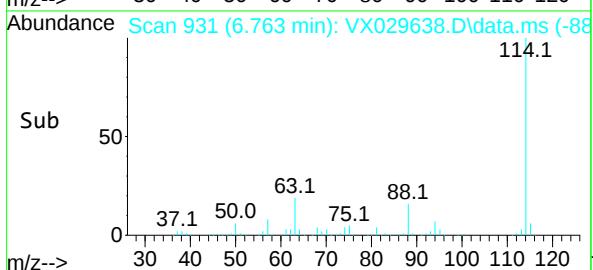
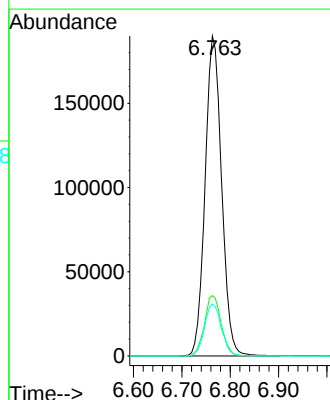
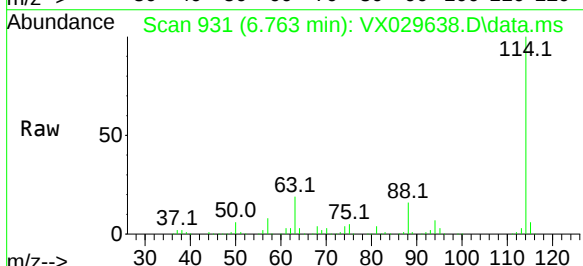
Tgt Ion: 114 Resp: 450580

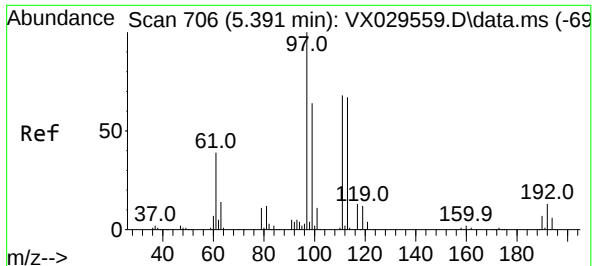
Ion Ratio Lower Upper

114 100

63 18.8 0.0 36.8

88 16.2 0.0 32.4

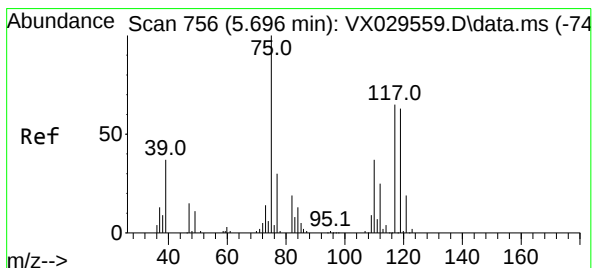
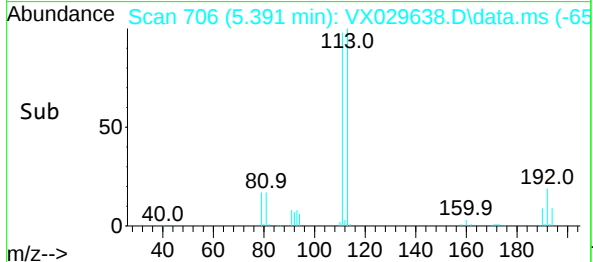
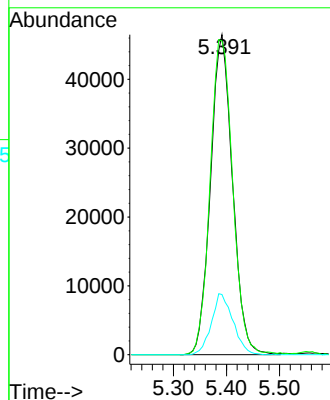
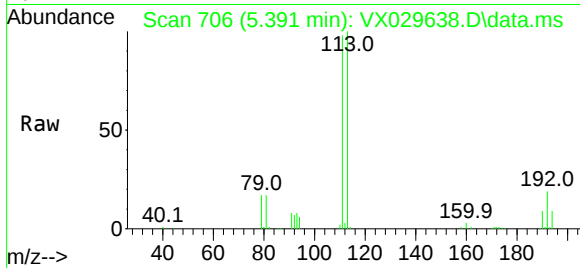




#35
Dibromofluoromethane
Concen: 45.516 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029638.D
Acq: 21 Jun 2022 04:12

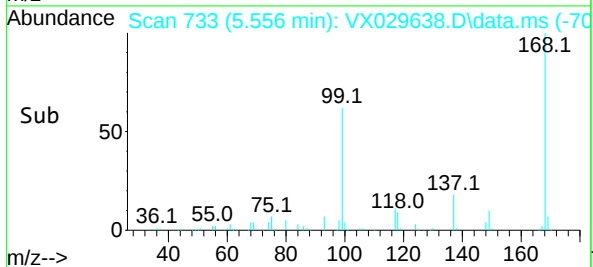
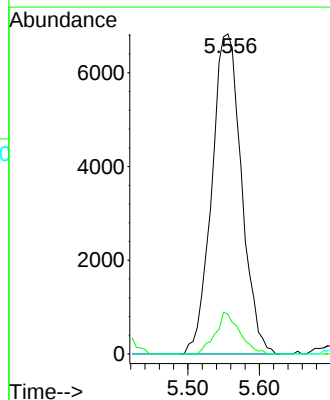
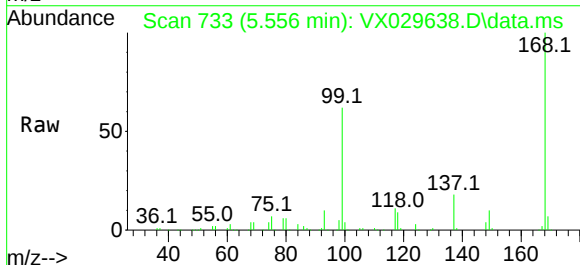
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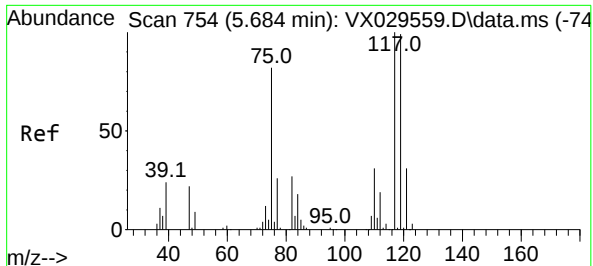
Tgt Ion:113 Resp: 133651
Ion Ratio Lower Upper
113 100
111 101.6 82.8 124.2
192 18.8 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.961 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX029638.D
Acq: 21 Jun 2022 04:12

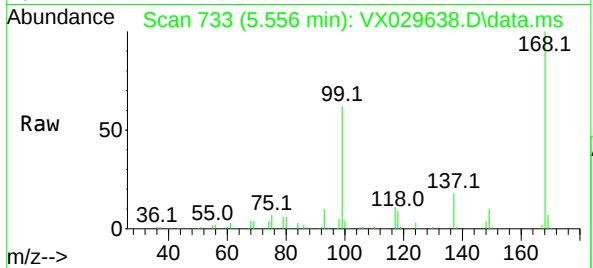
Tgt Ion: 75 Resp: 19716
Ion Ratio Lower Upper
75 100
110 10.6 18.3 54.8#
77 0.0 24.8 37.2#



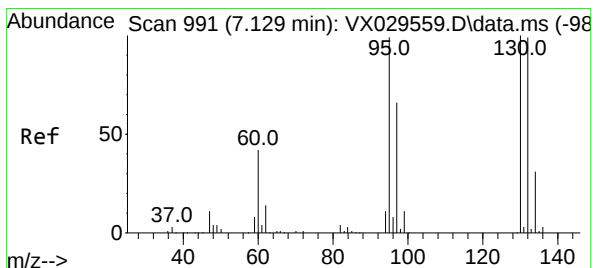
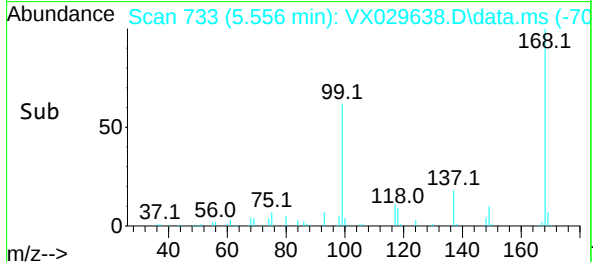
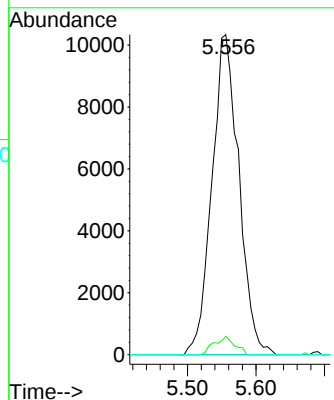


#38
Carbon Tetrachloride
Concen: 7.222 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX029638.D
Acq: 21 Jun 2022 04:12

Instrument :
MSVOA_X
ClientSampleId :
MW-46

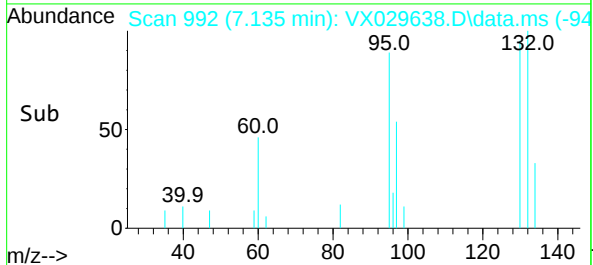
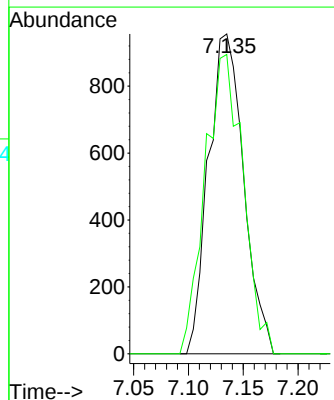
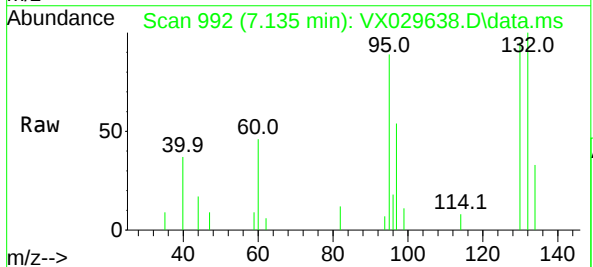


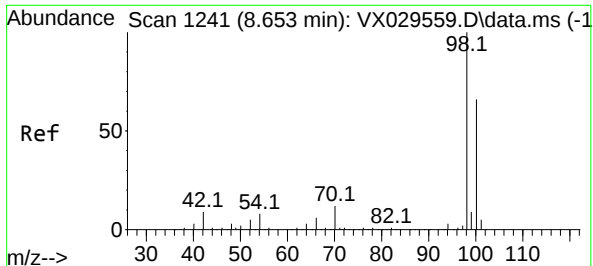
Tgt Ion:117 Resp: 28226
Ion Ratio Lower Upper
117 100
119 5.7 77.3 115.9#
121 0.0 24.2 36.2#



#44
Trichloroethene
Concen: Below Cal
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX029638.D
Acq: 21 Jun 2022 04:12

Tgt Ion:130 Resp: 2133
Ion Ratio Lower Upper
130 100
95 93.6 0.0 188.8





#50

Toluene-d8

Concen: 47.762 ug/l

RT: 8.653 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX029638.D

Acq: 21 Jun 2022 04:12

Instrument :

MSVOA_X

ClientSampleId :

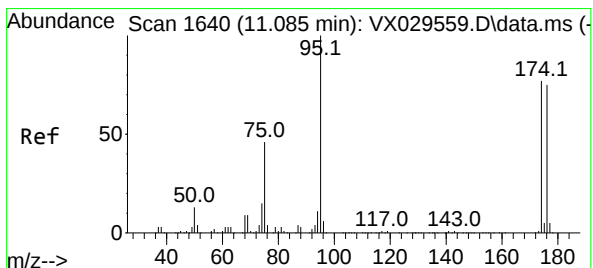
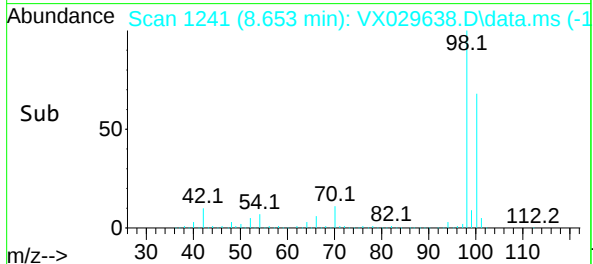
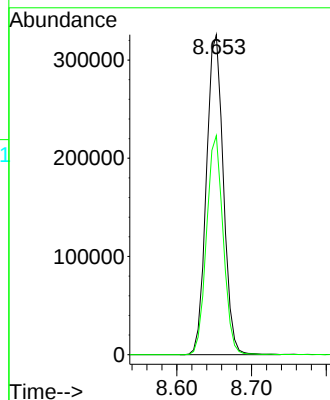
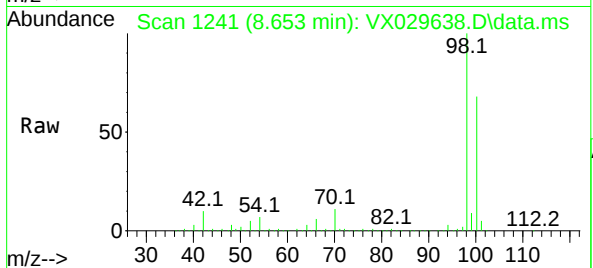
MW-46

Tgt Ion: 98 Resp: 512353

Ion Ratio Lower Upper

98 100

100 67.2 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 45.852 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX029638.D

Acq: 21 Jun 2022 04:12

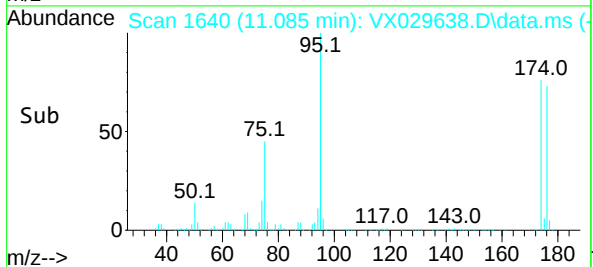
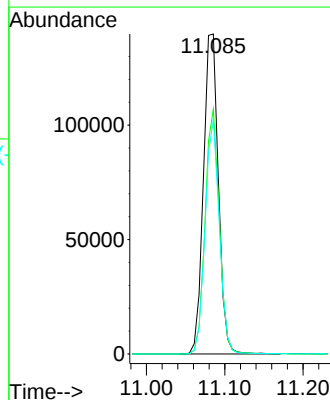
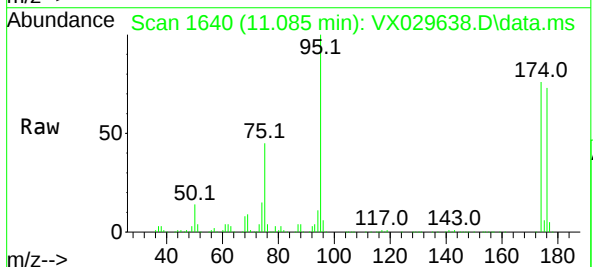
Tgt Ion: 95 Resp: 185485

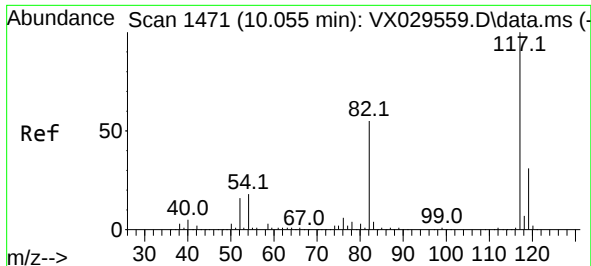
Ion Ratio Lower Upper

95 100

174 72.9 0.0 163.0

176 69.4 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: VX029638.D

Acq: 21 Jun 2022 04:12

Instrument :

MSVOA_X

ClientSampleId :

MW-46

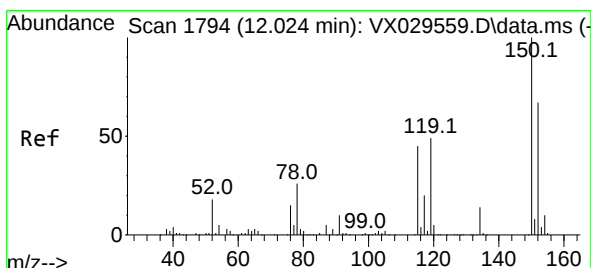
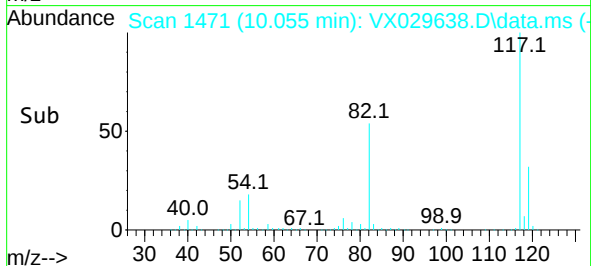
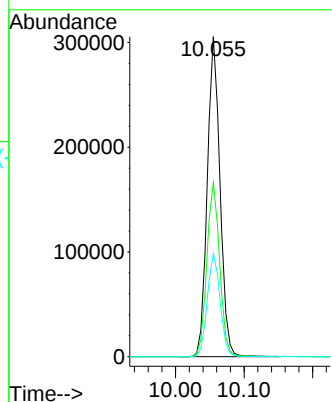
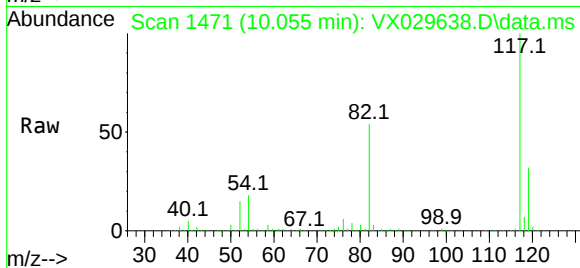
Tgt Ion:117 Resp: 394541

Ion Ratio Lower Upper

117 100

82 54.5 41.8 62.8

119 32.2 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: VX029638.D

Acq: 21 Jun 2022 04:12

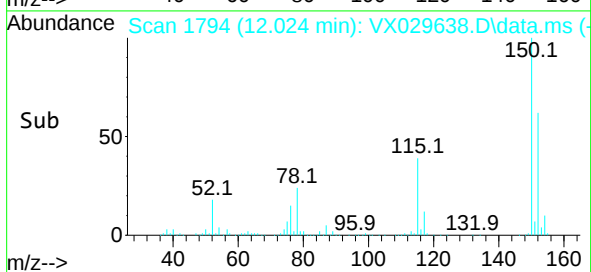
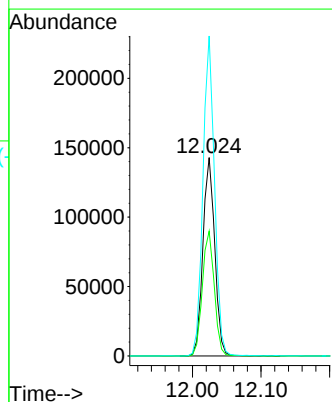
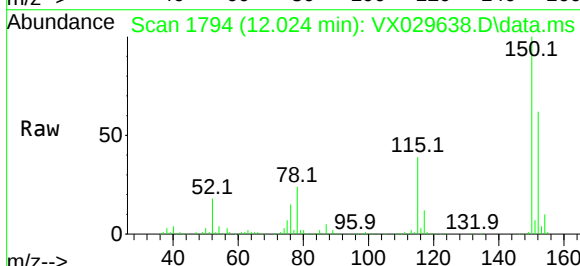
Tgt Ion:152 Resp: 172700

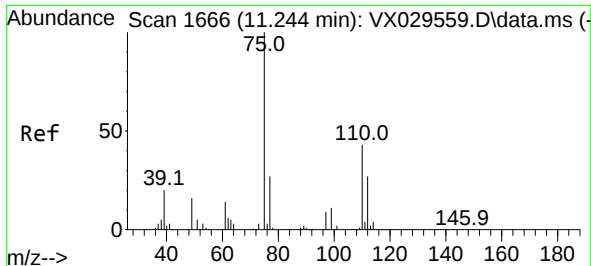
Ion Ratio Lower Upper

152 100

115 63.3 37.5 112.7

150 157.0 0.0 338.2

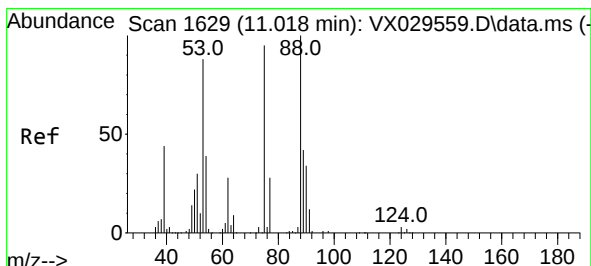
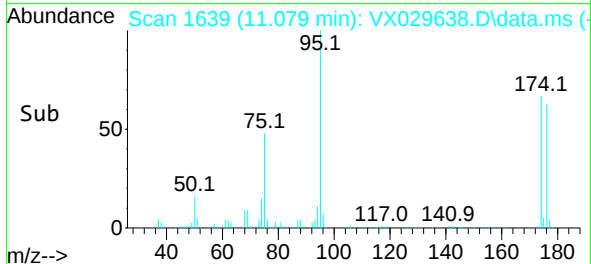
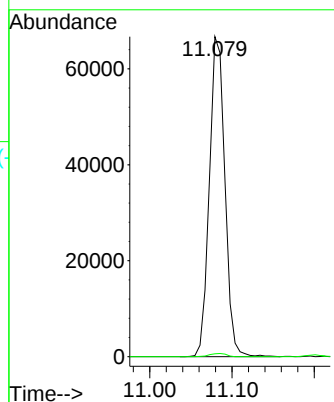
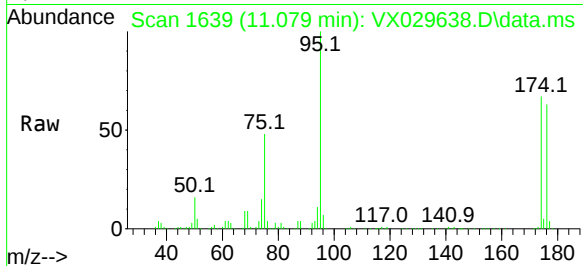




#76
1,2,3-Trichloropropane
Concen: 23.271 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029638.D
Acq: 21 Jun 2022 04:12

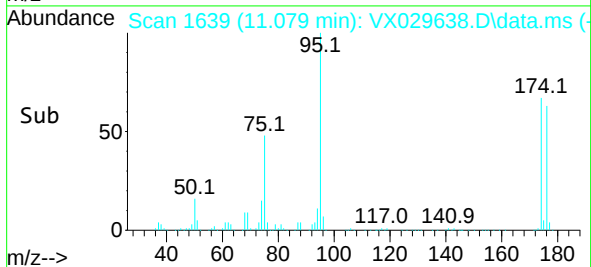
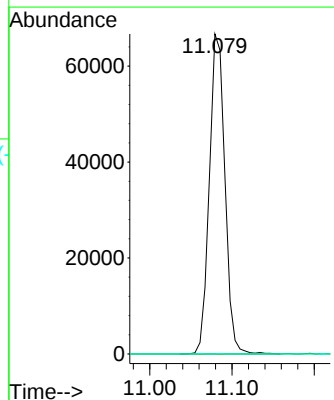
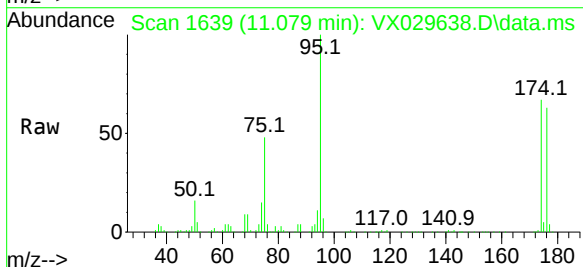
Instrument :
MSVOA_X
ClientSampleId :
MW-46

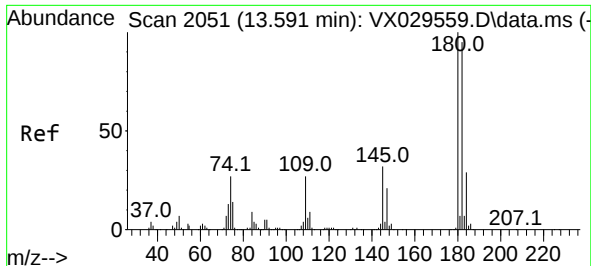
Tgt Ion: 75 Resp: 87550
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.415 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX029638.D
Acq: 21 Jun 2022 04:12

Tgt Ion: 75 Resp: 87550
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

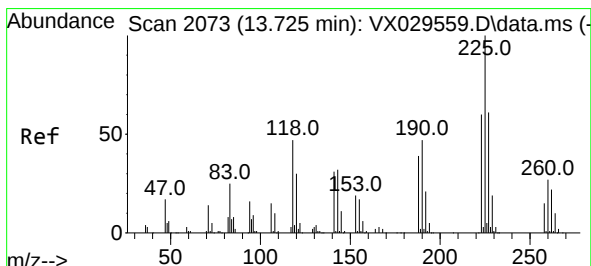
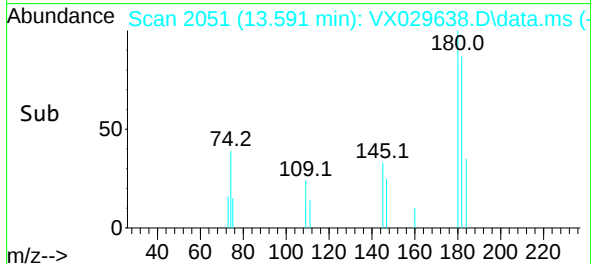
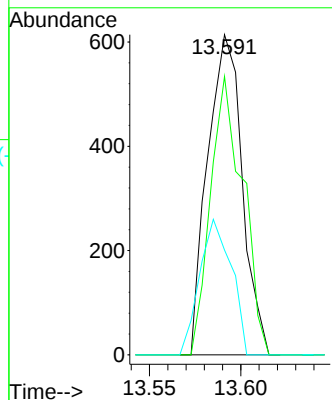
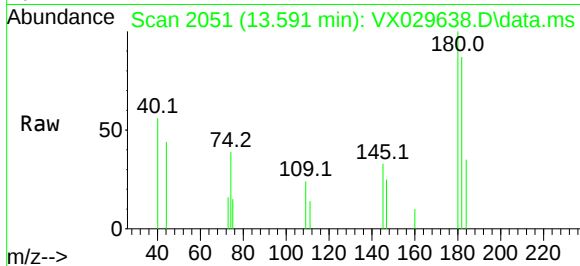




#93
 1,2,4-Trichlorobenzene
 Concen: 0.239 ug/l
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.000 min
 Lab File: VX029638.D
 Acq: 21 Jun 2022 04:12

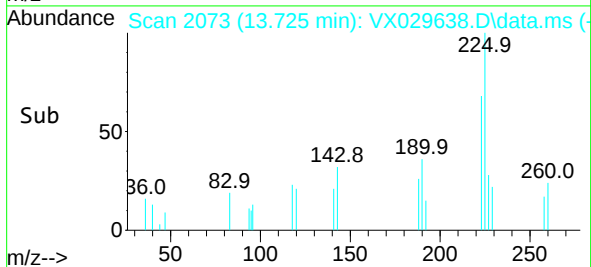
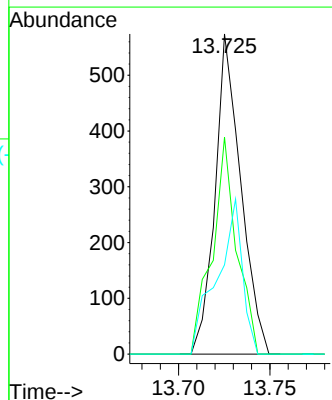
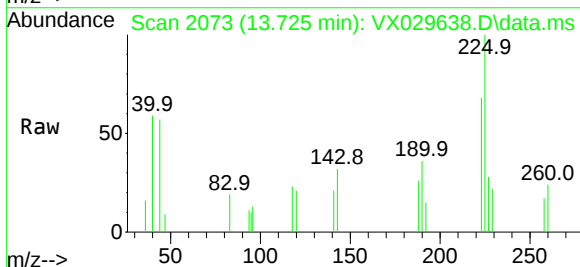
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-46

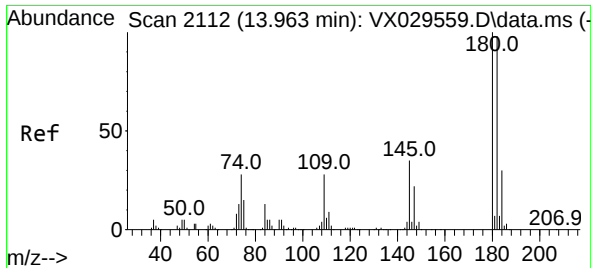
Tgt Ion:	180	Resp:	808
Ion Ratio	Lower	Upper	
180	100		
182	81.3	47.7	143.1
145	38.9	15.2	45.5



#94
 Hexachlorobutadiene
 Concen: 0.407 ug/l
 RT: 13.725 min Scan# 2073
 Delta R.T. 0.000 min
 Lab File: VX029638.D
 Acq: 21 Jun 2022 04:12

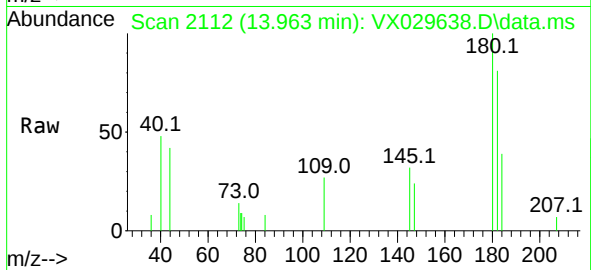
Tgt Ion:	225	Resp:	563
Ion Ratio	Lower	Upper	
225	100		
223	64.7	34.2	102.5
227	48.0	33.9	101.7





#96
 1,2,3-Trichlorobenzene
 Concen: 0.227 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX029638.D
 Acq: 21 Jun 2022 04:12

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-46



Tgt Ion:180 Resp: 766
 Ion Ratio Lower Upper
 180 100
 182 103.7 50.0 149.8
 145 54.2 16.2 48.5#

