

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080322\
 Data File : VX030363.D
 Acq On : 03 Aug 2022 12:14
 Operator : JC/MD
 Sample : VX0803WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0803WBL01

Quant Time: Aug 03 15:51:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:49:17 2022
 Response via : Initial Calibration

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

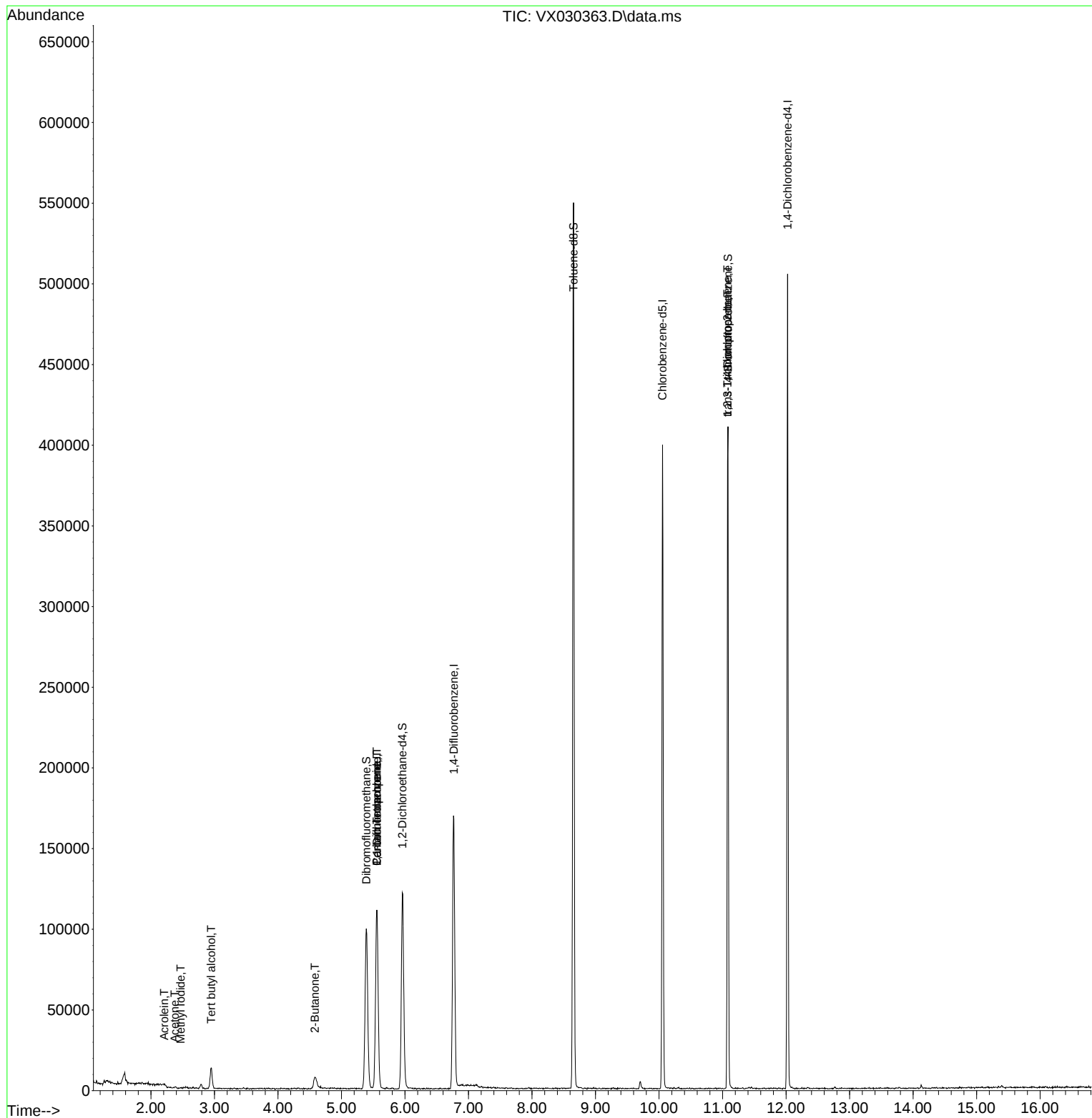
Internal Standards						
1) Pentafluorobenzene	5.556	168	100378	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	171025	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	172233	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95373	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	116940	57.962	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 115.920%			
35) Dibromofluoromethane	5.391	113	88244	53.975	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.940%			
50) Toluene-d8	8.653	98	313258	49.477	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.960%			
62) 4-Bromofluorobenzene	11.085	95	112076	47.697	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.400%			
Target Compounds						
					Qvalue	
5) Bromomethane	1.612	94	480	Below Cal	#	61
10) Methyl Iodide	2.465	142	150	1.618	ug/l #	26
11) Tert butyl alcohol	2.947	59	7439	15.116	ug/l #	77
13) Acrolein	2.209	56	61	0.504	ug/l #	14
16) Acetone	2.374	43	754	0.730	ug/l	96
20) Methylene Chloride	2.794	84	1098	Below Cal	#	86
25) 2-Butanone	4.580	43	607	0.350	ug/l #	48
36) 1,1-Dichloropropene	5.556	75	9178	3.901	ug/l #	46
38) Carbon Tetrachloride	5.556	117	10540	4.799	ug/l #	16
67) Ethyl Benzene	10.189	91	233	Below Cal	#	43
76) 1,2,3-Trichloropropane	11.079	75	58542	23.287	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	58542	69.858	ug/l #	12

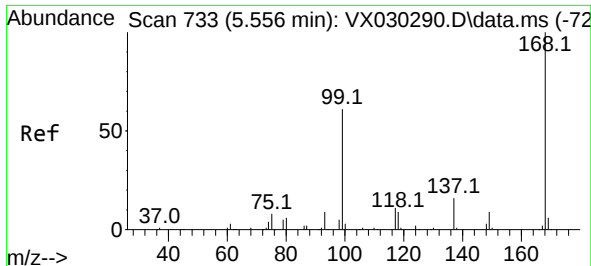
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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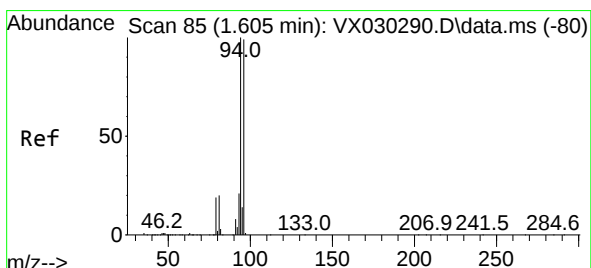
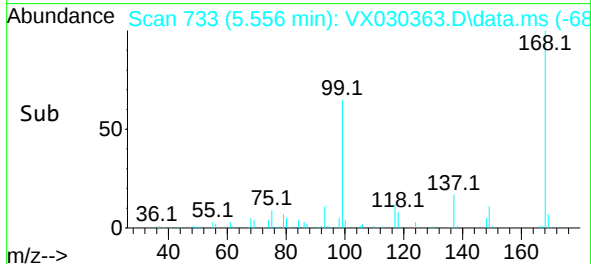
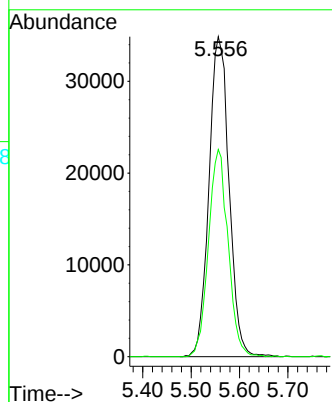
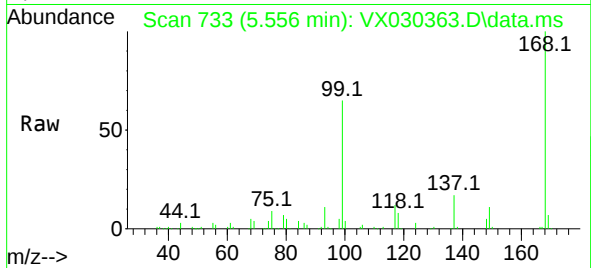




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX030363.D
Acq: 03 Aug 2022 12:14

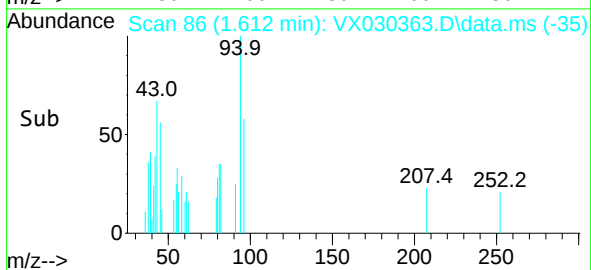
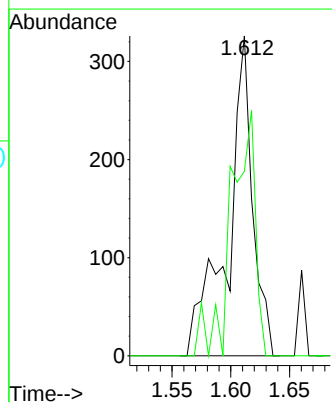
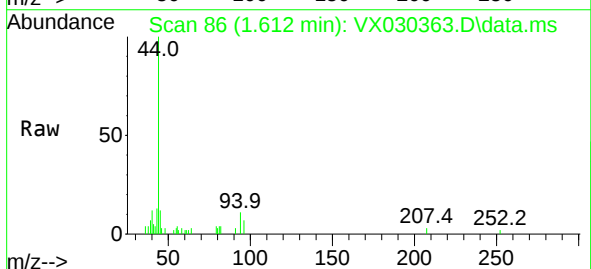
Instrument :
MSVOA_X
ClientSampleId :
VX0803WBL01

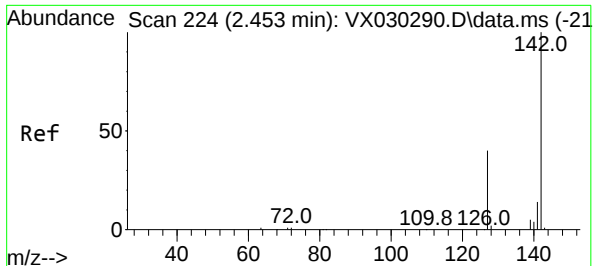
Tgt Ion:168 Resp: 100378
Ion Ratio Lower Upper
168 100
99 64.7 44.0 66.0



#5
Bromomethane
Concen: Below Cal
RT: 1.612 min Scan# 86
Delta R.T. 0.013 min
Lab File: VX030363.D
Acq: 03 Aug 2022 12:14

Tgt Ion: 94 Resp: 480
Ion Ratio Lower Upper
94 100
96 57.7 76.9 115.3#

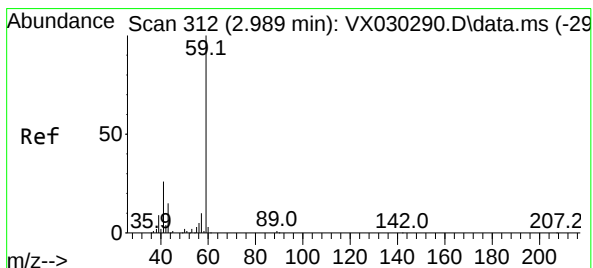
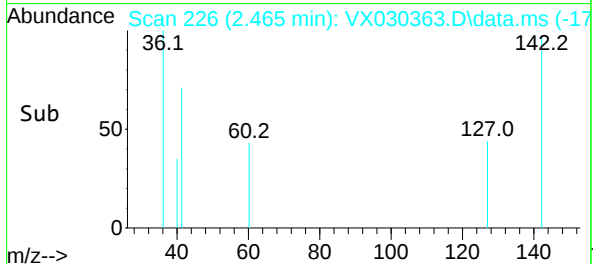
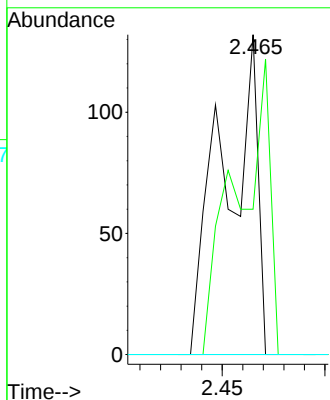
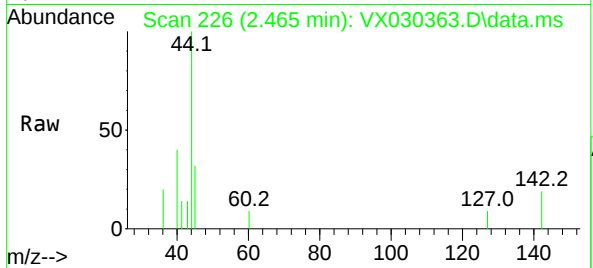




#10
Methyl Iodide
Concen: 1.618 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.019 min
Lab File: VX030363.D
Acq: 03 Aug 2022 12:14

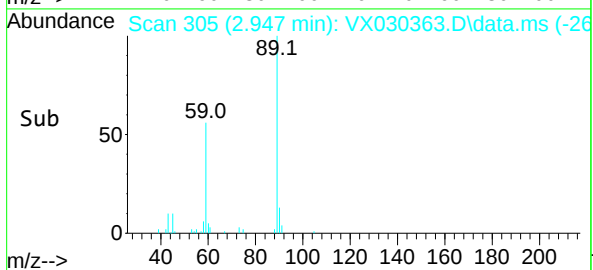
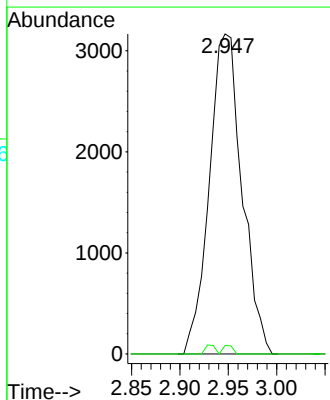
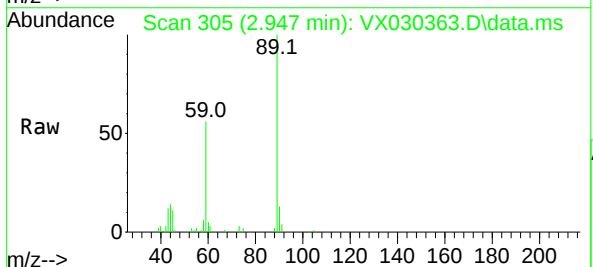
Instrument :
MSVOA_X
ClientSampleId :
VX0803WBL01

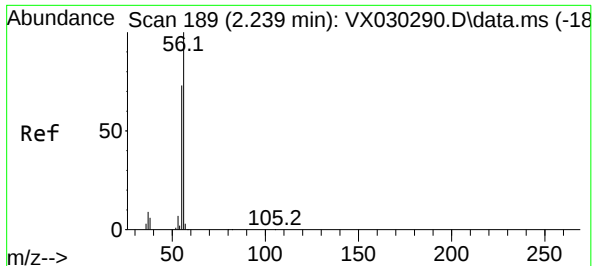
Tgt Ion:142 Resp: 150
Ion Ratio Lower Upper
142 100
127 90.7 30.2 45.2#
141 0.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: 15.116 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.030 min
Lab File: VX030363.D
Acq: 03 Aug 2022 12:14

Tgt Ion: 59 Resp: 7439
Ion Ratio Lower Upper
59 100
57 0.8 7.4 11.2#

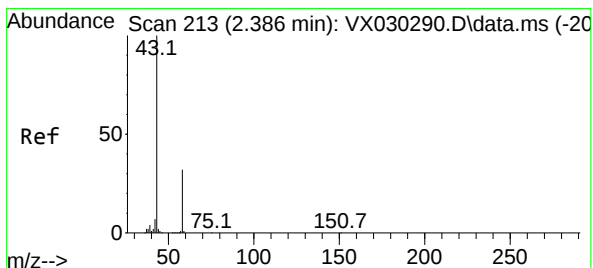
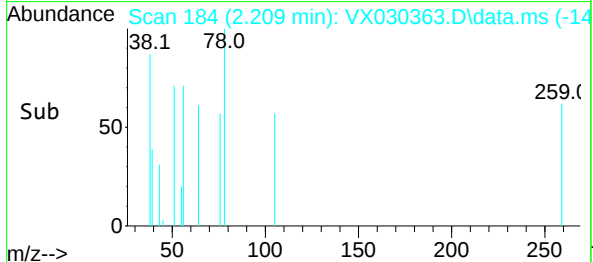
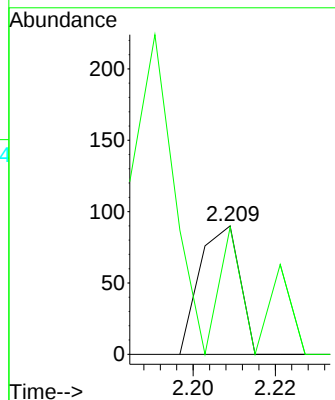
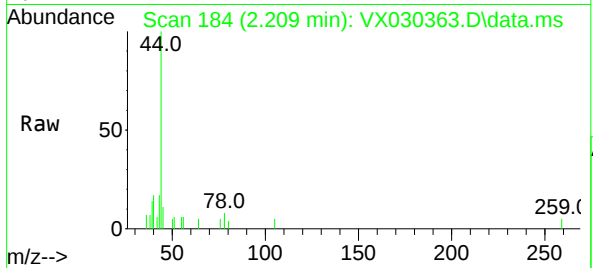




#13
Acrolein
Concen: 0.504 ug/l
RT: 2.209 min Scan# 11
Delta R.T. -0.030 min
Lab File: VX030363.D
Acq: 03 Aug 2022 12:14

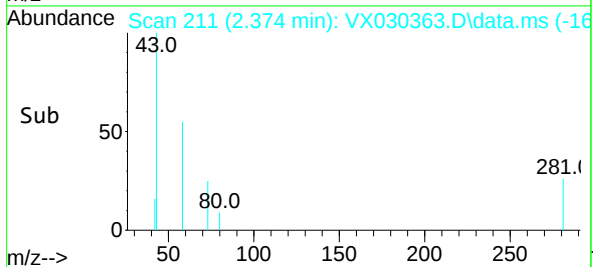
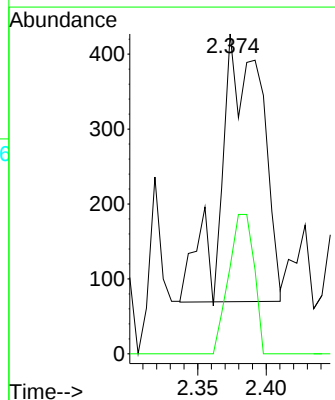
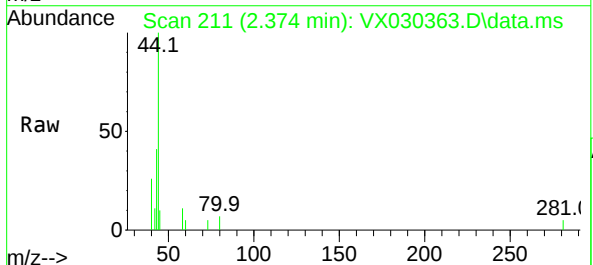
Instrument :
MSVOA_X
ClientSampleId :
VX0803WBL01

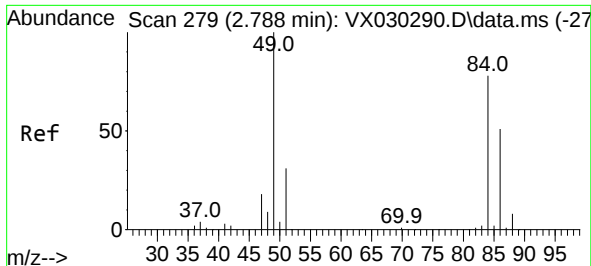
Tgt Ion: 56 Resp: 61
Ion Ratio Lower Upper
56 100
55 0.0 56.6 84.8#



#16
Acetone
Concen: 0.730 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.011 min
Lab File: VX030363.D
Acq: 03 Aug 2022 12:14

Tgt Ion: 43 Resp: 754
Ion Ratio Lower Upper
43 100
58 32.5 27.7 41.5





#20

Methylene Chloride

Concen: Below Cal

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX030363.D

Acq: 03 Aug 2022 12:14

Instrument :

MSVOA_X

ClientSampleId :

VX0803WBL01

Tgt Ion: 84 Resp: 1098

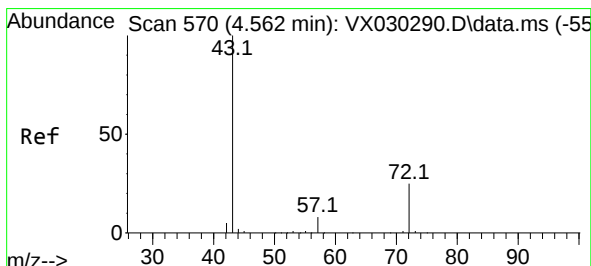
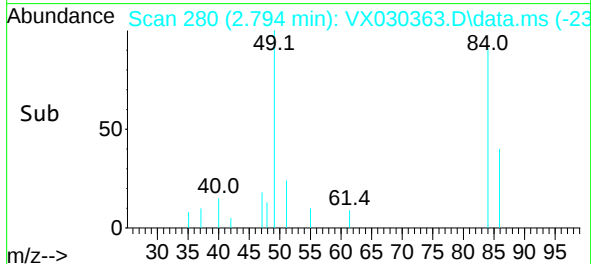
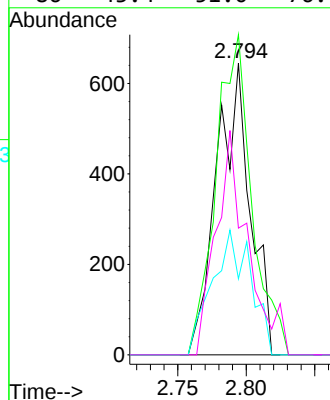
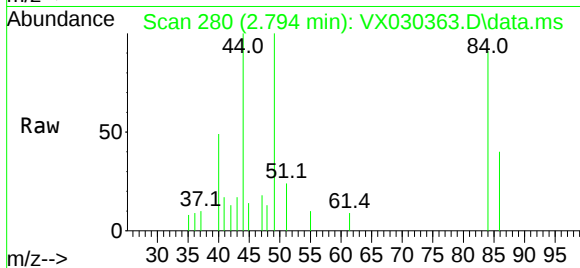
Ion Ratio Lower Upper

84 100

49 109.8 93.8 140.6

51 26.0 29.4 44.0#

86 43.4 51.0 76.4#



#25

2-Butanone

Concen: 0.350 ug/l

RT: 4.580 min Scan# 573

Delta R.T. 0.013 min

Lab File: VX030363.D

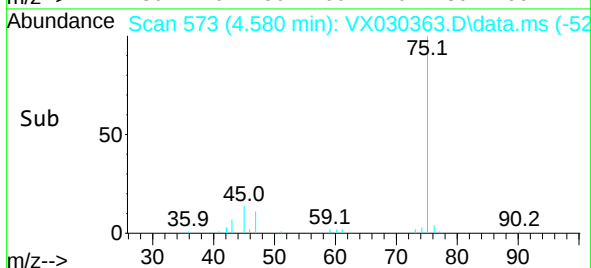
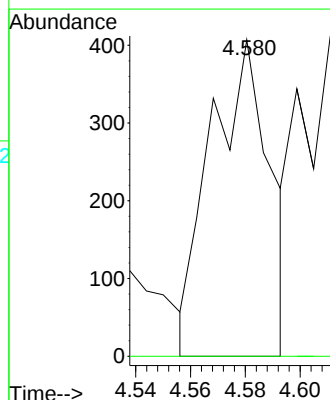
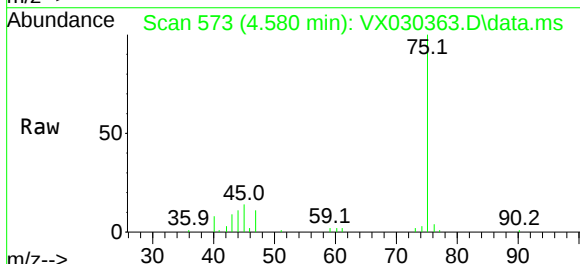
Acq: 03 Aug 2022 12:14

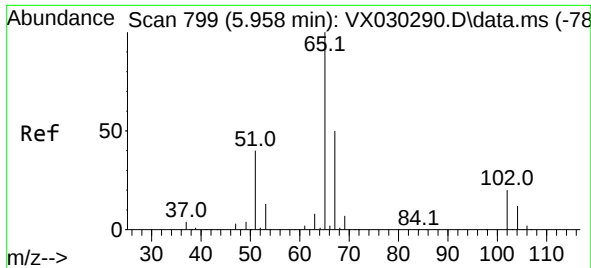
Tgt Ion: 43 Resp: 607

Ion Ratio Lower Upper

43 100

72 0.0 21.7 32.5#





#33

1,2-Dichloroethane-d4

Concen: 57.962 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX030363.D

Acq: 03 Aug 2022 12:14

Instrument :

MSVOA_X

ClientSampleId :

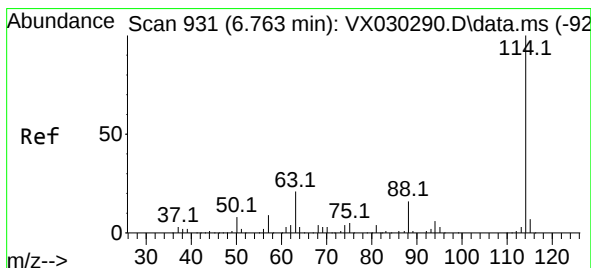
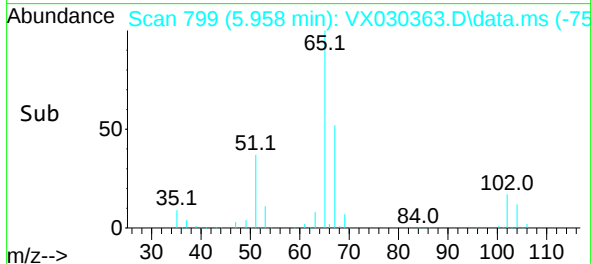
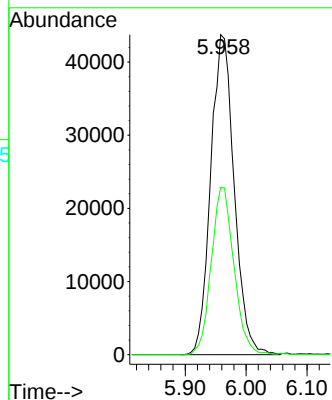
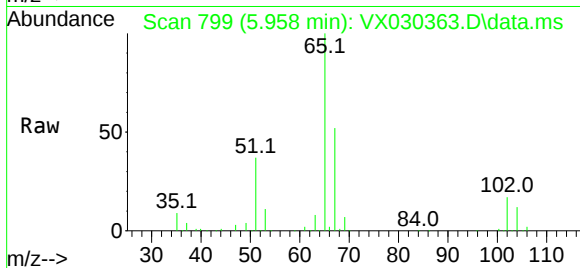
VX0803WBL01

Tgt Ion: 65 Resp: 116940

Ion Ratio Lower Upper

65 100

67 50.6 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX030363.D

Acq: 03 Aug 2022 12:14

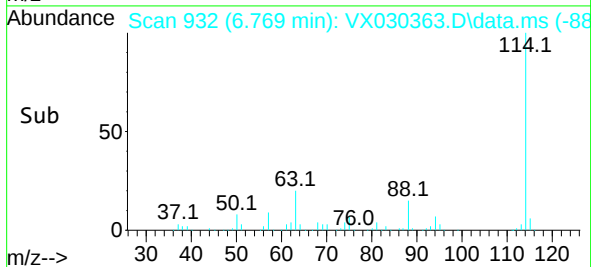
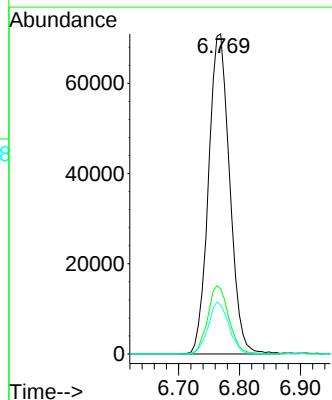
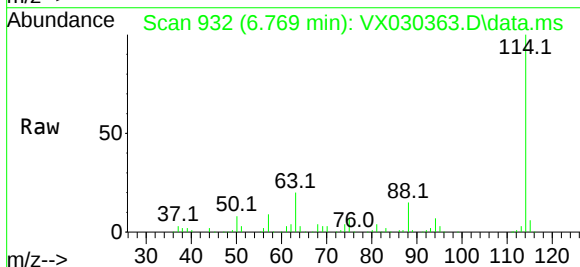
Tgt Ion: 114 Resp: 171025

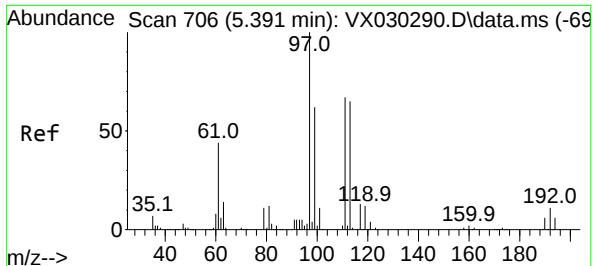
Ion Ratio Lower Upper

114 100

63 20.3 0.0 38.4

88 15.4 0.0 31.8





#35

Dibromofluoromethane

Concen: 53.975 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX030363.D

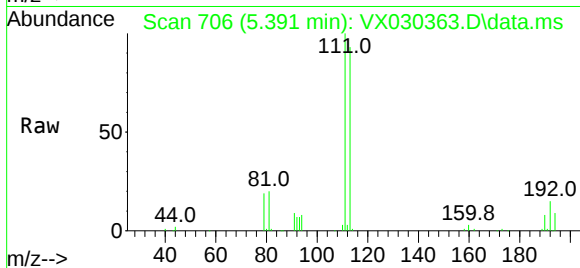
Acq: 03 Aug 2022 12:14

Instrument :

MSVOA_X

ClientSampleId :

VX0803WBL01



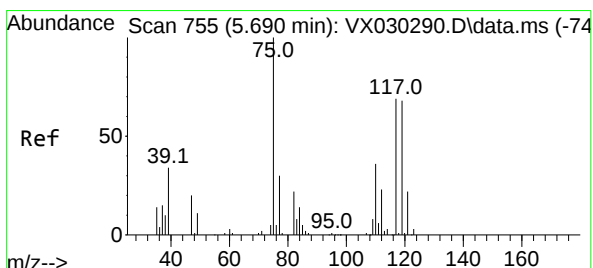
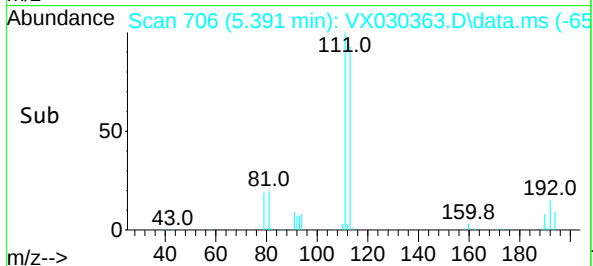
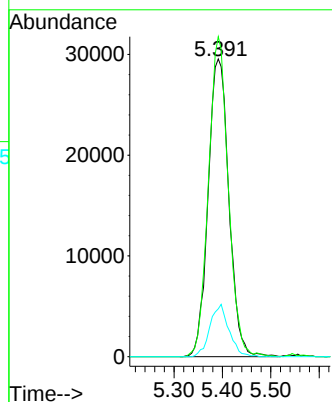
Tgt Ion:113 Resp: 88244

Ion Ratio Lower Upper

113 100

111 102.0 83.2 124.8

192 16.1 14.8 22.2



#36

1,1-Dichloropropene

Concen: 3.901 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX030363.D

Acq: 03 Aug 2022 12:14

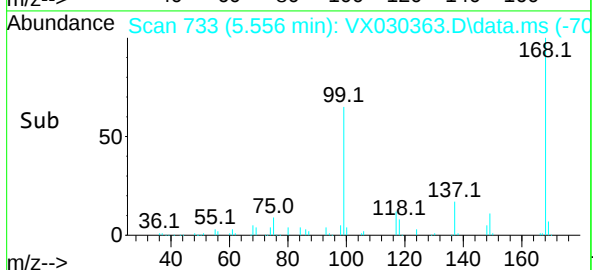
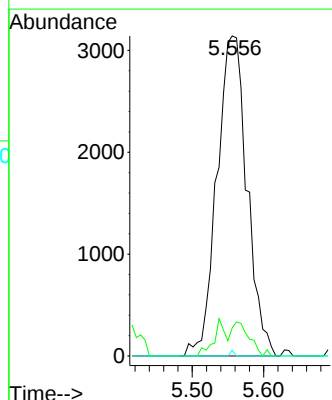
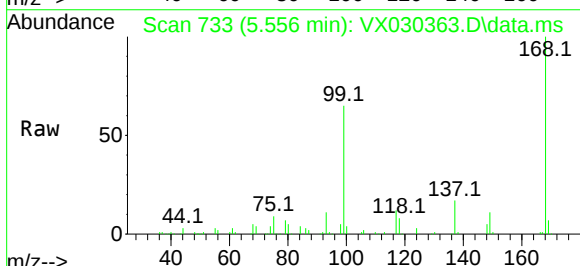
Tgt Ion: 75 Resp: 9178

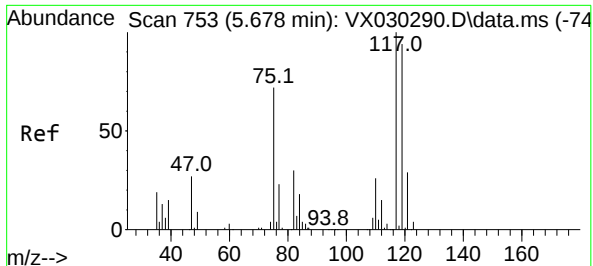
Ion Ratio Lower Upper

75 100

110 6.4 19.3 57.9#

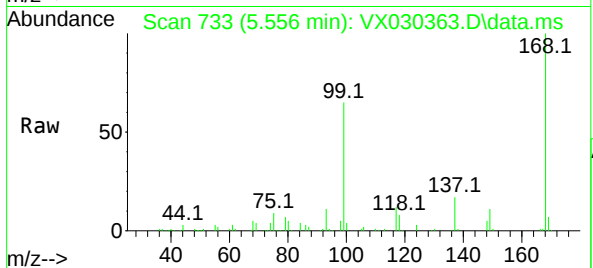
77 0.2 24.4 36.6#



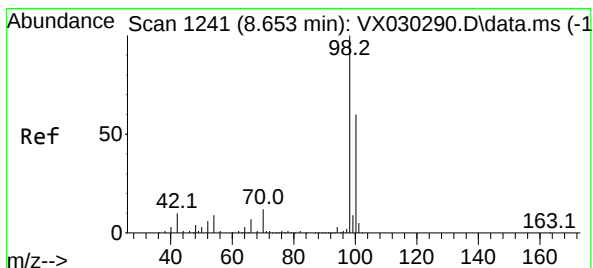
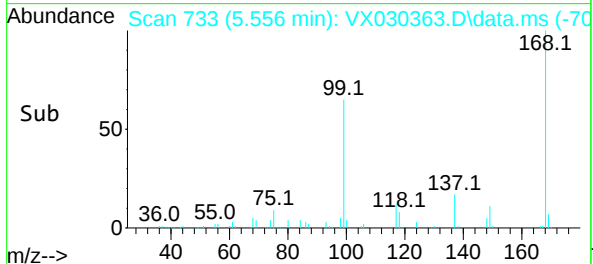
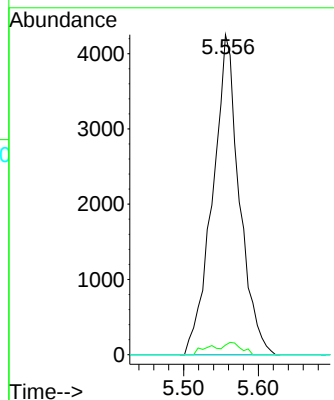


#38
Carbon Tetrachloride
Concen: 4.799 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.127 min
Lab File: VX030363.D
Acq: 03 Aug 2022 12:14

Instrument :
MSVOA_X
ClientSampleId :
VX0803WBL01

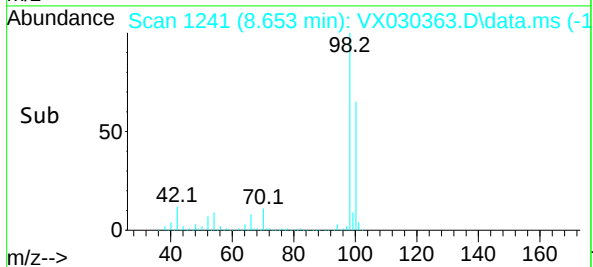
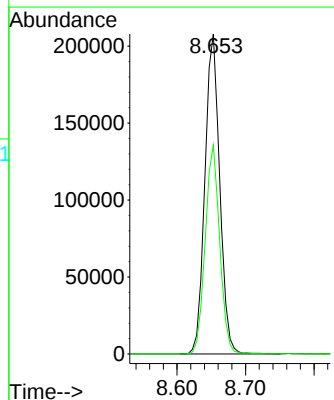
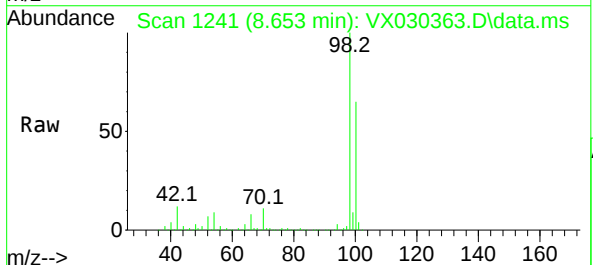


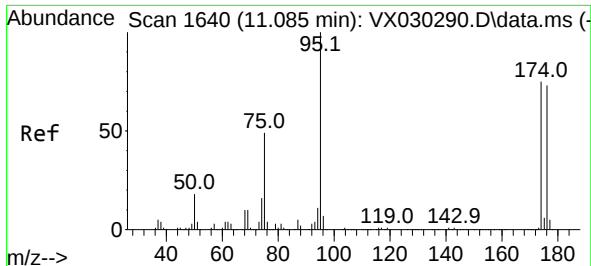
Tgt Ion:117 Resp: 10540
Ion Ratio Lower Upper
117 100
119 3.0 74.1 111.1#
121 0.0 25.8 38.8#



#50
Toluene-d8
Concen: 49.477 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.001 min
Lab File: VX030363.D
Acq: 03 Aug 2022 12:14

Tgt Ion: 98 Resp: 313258
Ion Ratio Lower Upper
98 100
100 64.0 52.3 78.5

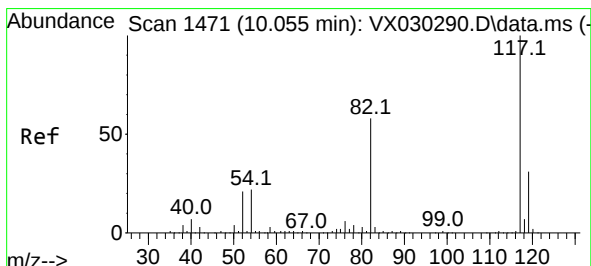
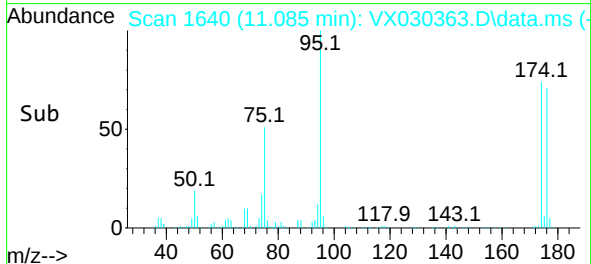
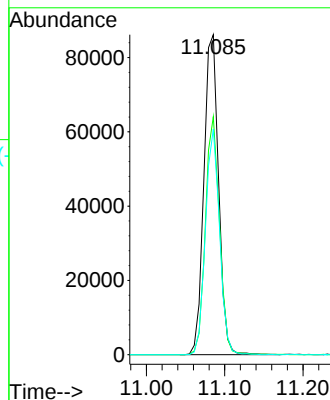
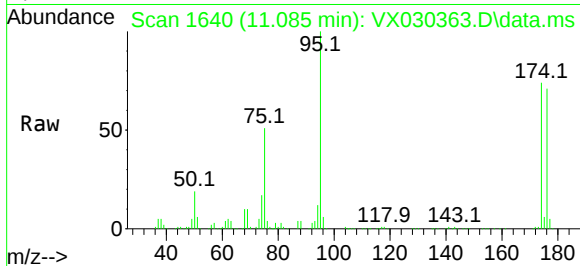




#62
4-Bromofluorobenzene
Concen: 47.697 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX030363.D
Acq: 03 Aug 2022 12:14

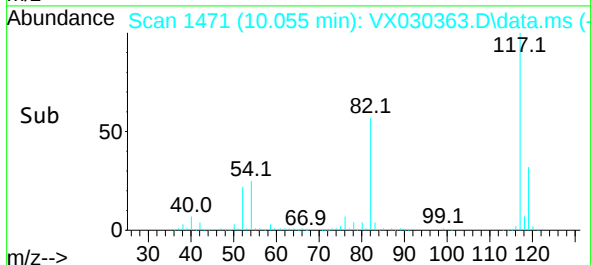
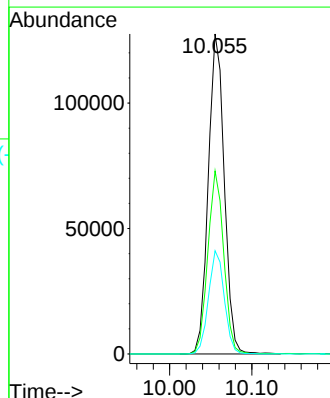
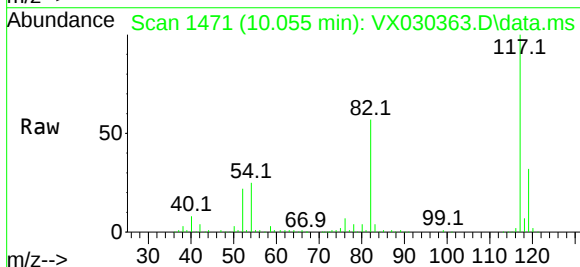
Instrument :
MSVOA_X
ClientSampleId :
VX0803WBL01

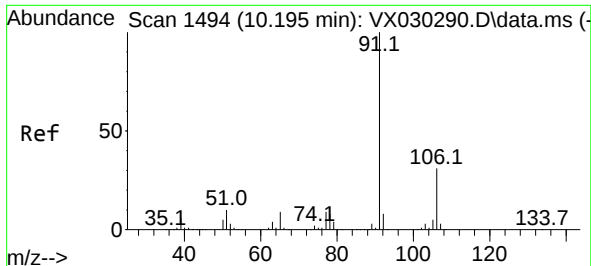
Tgt Ion: 95 Resp: 112076
Ion Ratio Lower Upper
95 100
174 71.4 0.0 149.0
176 67.7 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030363.D
Acq: 03 Aug 2022 12:14

Tgt Ion: 117 Resp: 172233
Ion Ratio Lower Upper
117 100
82 57.2 42.7 64.1
119 32.3 25.4 38.2





#67

Ethyl Benzene

Concen: Below Cal

RT: 10.189 min Scan# 1493

Delta R.T. -0.006 min

Lab File: VX030363.D

Acq: 03 Aug 2022 12:14

Instrument :

MSVOA_X

ClientSampleId :

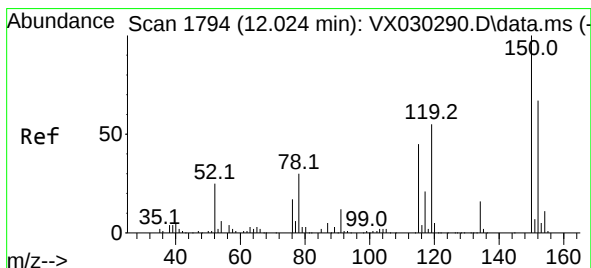
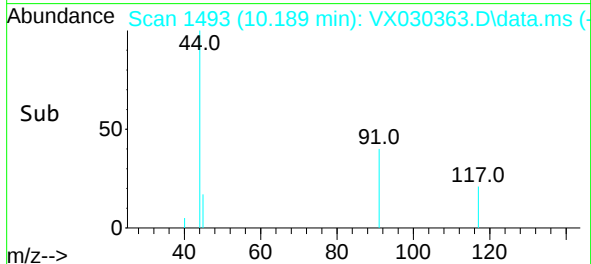
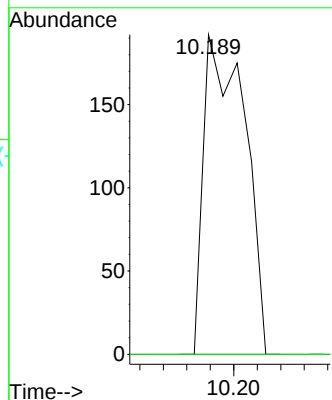
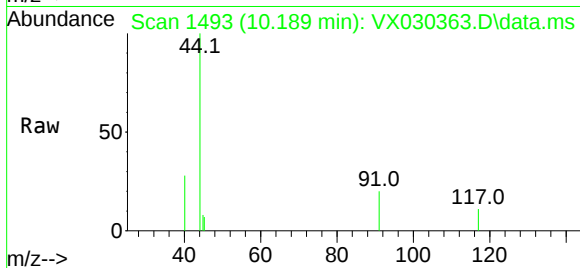
VX0803WBL01

Tgt Ion: 91 Resp: 233

Ion Ratio Lower Upper

91 100

106 0.0 25.5 38.3#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX030363.D

Acq: 03 Aug 2022 12:14

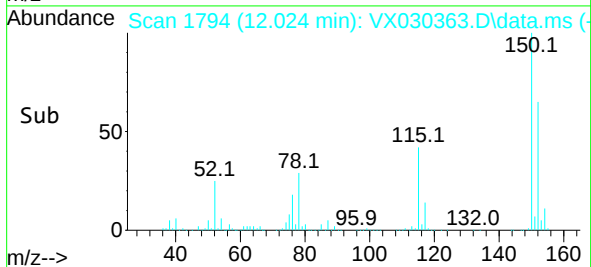
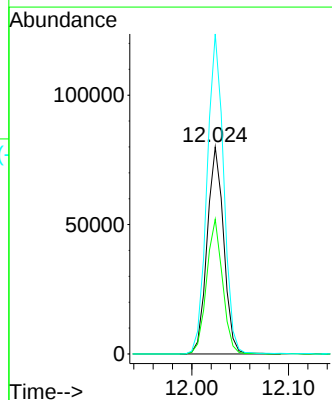
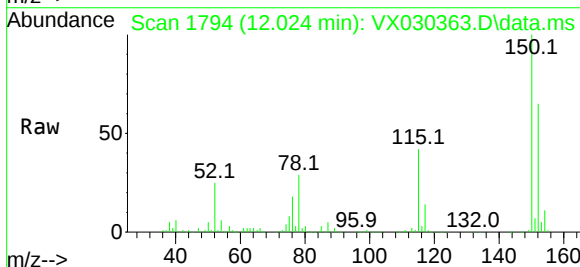
Tgt Ion: 152 Resp: 95373

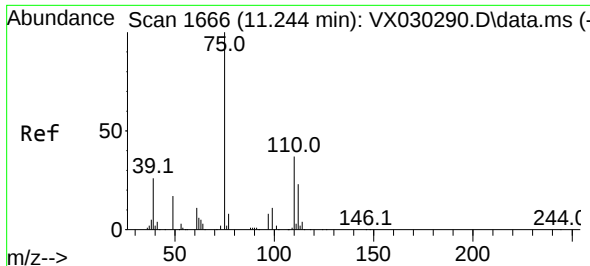
Ion Ratio Lower Upper

152 100

115 62.8 40.5 121.5

150 155.7 0.0 347.0

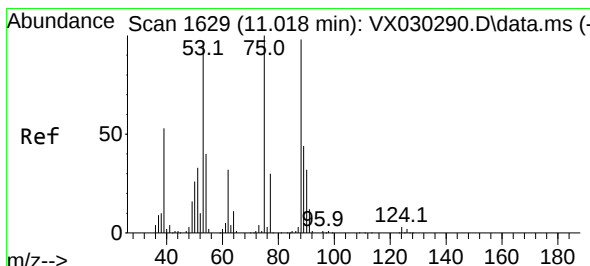
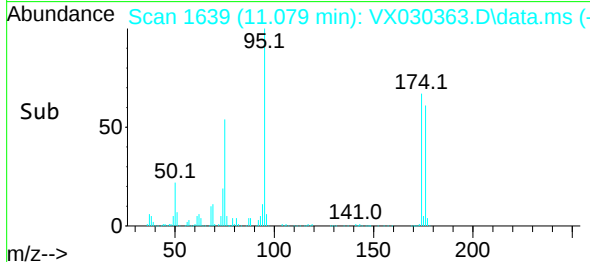
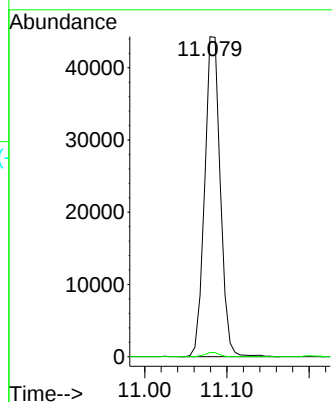
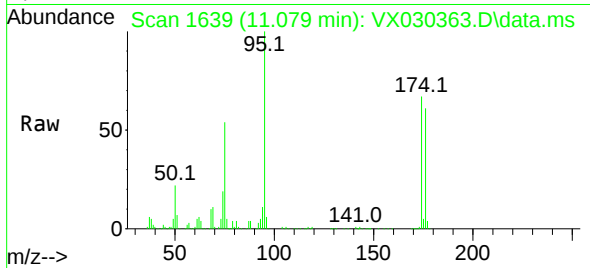




#76
1,2,3-Trichloropropane
Concen: 23.287 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX030363.D
Acq: 03 Aug 2022 12:14

Instrument :
MSVOA_X
ClientSampleId :
VX0803WBL01

Tgt Ion: 75 Resp: 58542
Ion Ratio Lower Upper
75 100
77 1.2 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.858 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.055 min
Lab File: VX030363.D
Acq: 03 Aug 2022 12:14

Tgt Ion: 75 Resp: 58542
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 34.8 52.2#

