

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080222\
 Data File : VX030342.D
 Acq On : 02 Aug 2022 10:53
 Operator : JC/MD
 Sample : VX0802WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0802WBL01

Quant Time: Aug 02 15:48:21 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)

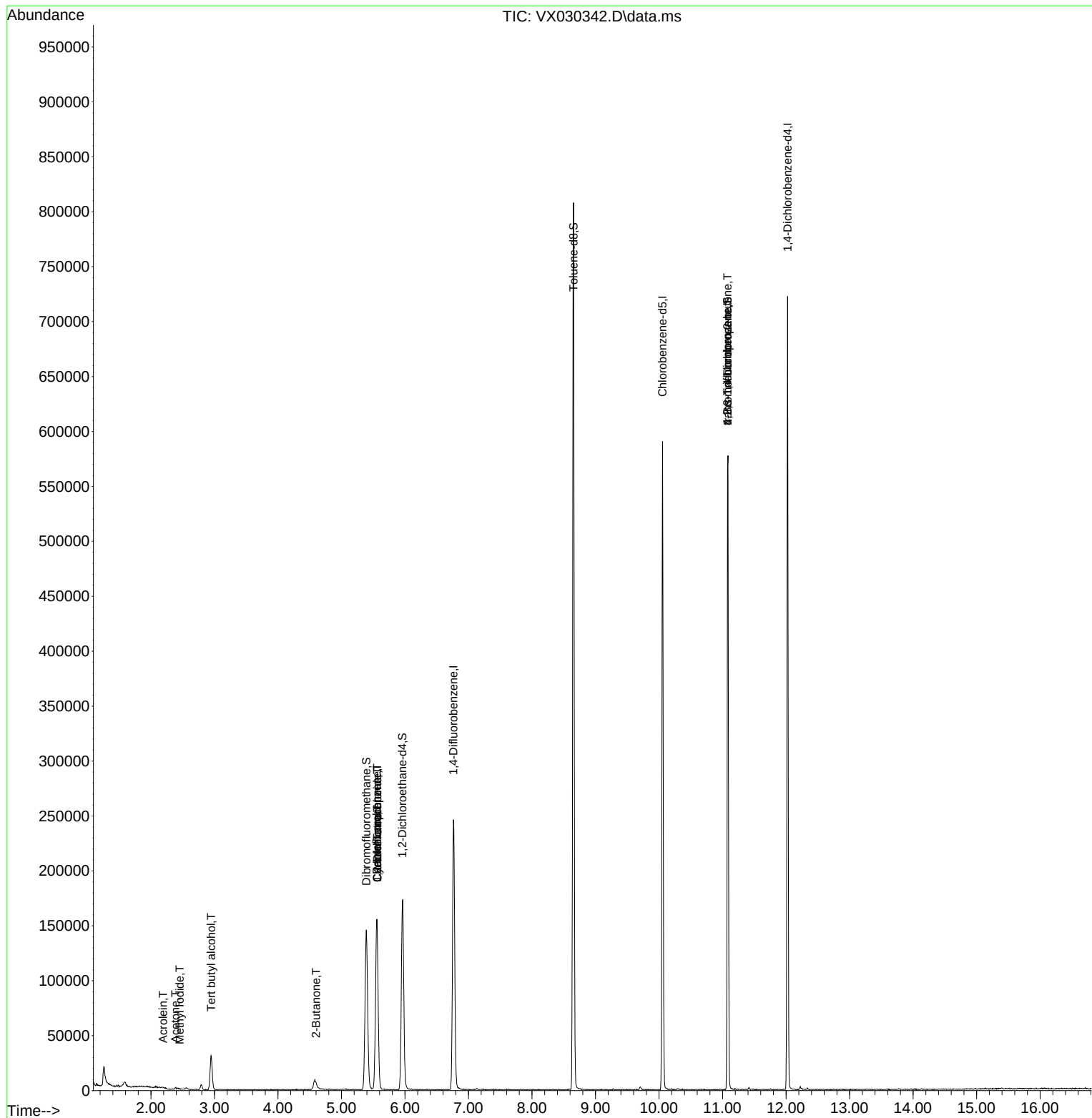
Internal Standards						
1) Pentafluorobenzene	5.556	168	145284	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	251360	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	253481	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	139998	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	163351	55.940	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.880%			
35) Dibromofluoromethane	5.391	113	129483	53.887	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.780%			
50) Toluene-d8	8.653	98	480638	51.651	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.300%			
62) 4-Bromofluorobenzene	11.079	95	164818	47.725	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.440%			
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	470	Below Cal	#	46
10) Methyl Iodide	2.453	142	576	1.772	ug/l #	91
11) Tert butyl alcohol	2.947	59	18675	26.218	ug/l #	79
13) Acrolein	2.191	56	105	0.600	ug/l #	14
16) Acetone	2.386	43	1549	1.036	ug/l	91
20) Methylene Chloride	2.794	84	2071	Below Cal	#	86
25) 2-Butanone	4.599	43	1139	0.453	ug/l #	86
31) Cyclohexane	5.562	56	3437	0.811	ug/l #	28
36) 1,1-Dichloropropene	5.562	75	12456	3.602	ug/l #	49
38) Carbon Tetrachloride	5.562	117	14621	4.529	ug/l #	17
67) Ethyl Benzene	10.201	91	259	Below Cal	#	62
76) 1,2,3-Trichloropropane	11.079	75	83626	22.661	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	83626	67.982	ug/l #	12

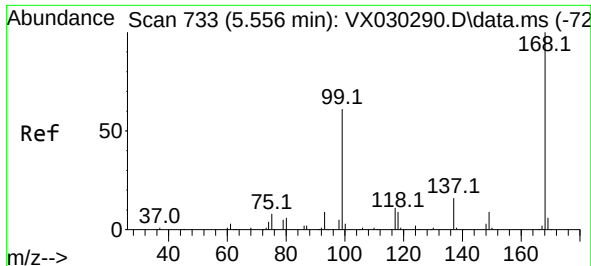
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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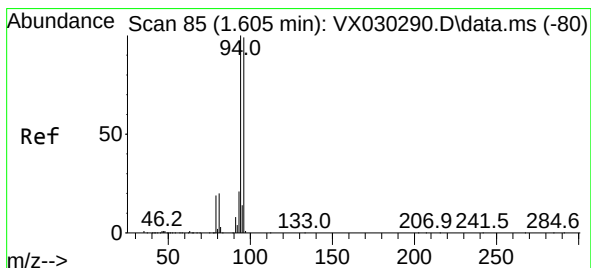
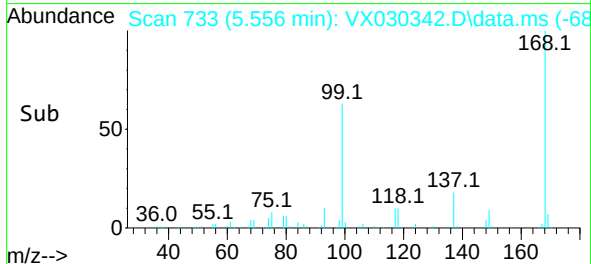
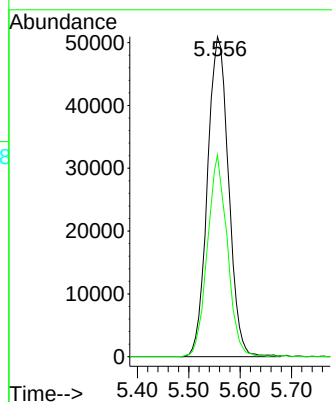
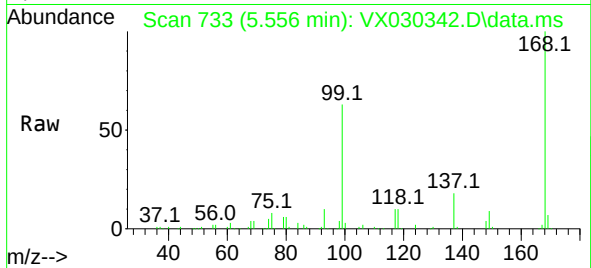




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX030342.D
Acq: 02 Aug 2022 10:53

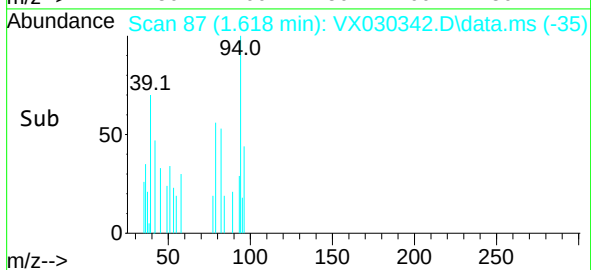
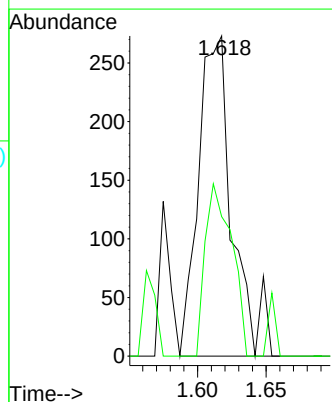
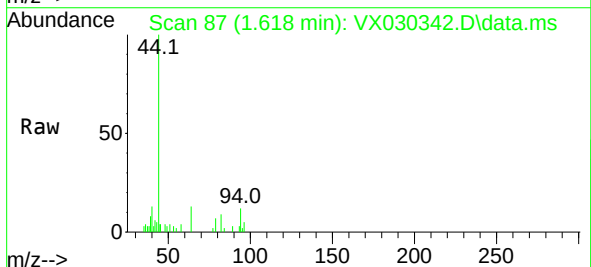
Instrument :
MSVOA_X
ClientSampleId :
VX0802WBL01

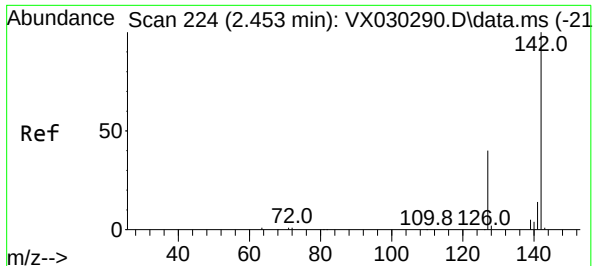
Tgt Ion:168 Resp: 145284
Ion Ratio Lower Upper
168 100
99 63.0 44.0 66.0



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX030342.D
Acq: 02 Aug 2022 10:53

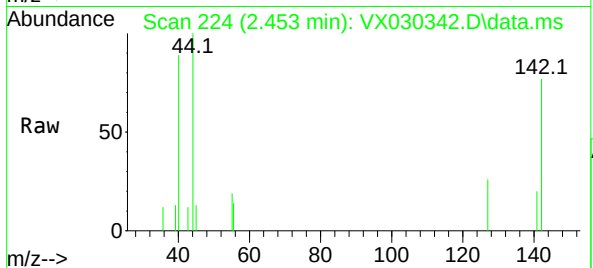
Tgt Ion: 94 Resp: 470
Ion Ratio Lower Upper
94 100
96 43.6 76.9 115.3#



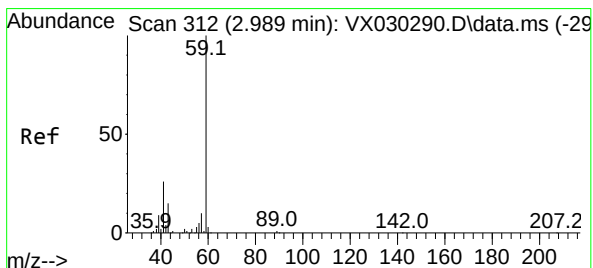
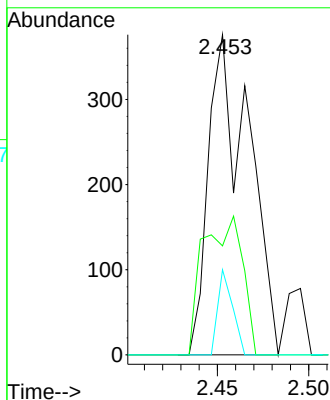
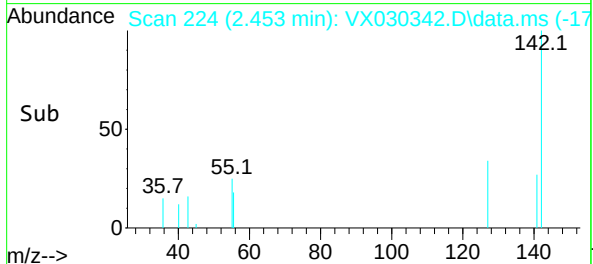


#10
Methyl Iodide
Concen: 1.772 ug/l
RT: 2.453 min Scan# 21
Delta R.T. 0.007 min
Lab File: VX030342.D
Acq: 02 Aug 2022 10:53

Instrument :
MSVOA_X
ClientSampleId :
VX0802WBL01

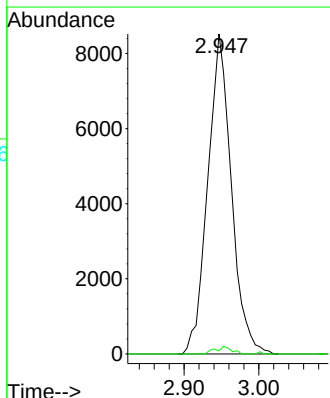
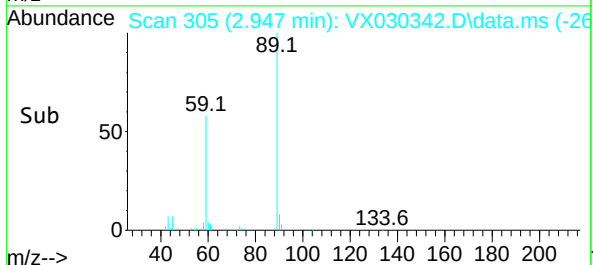
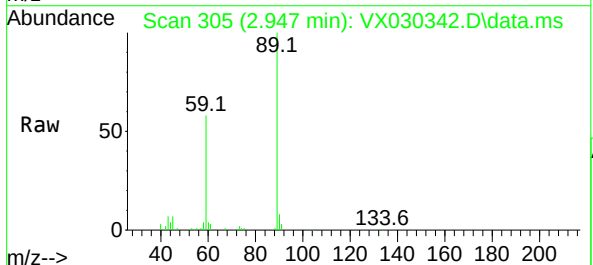


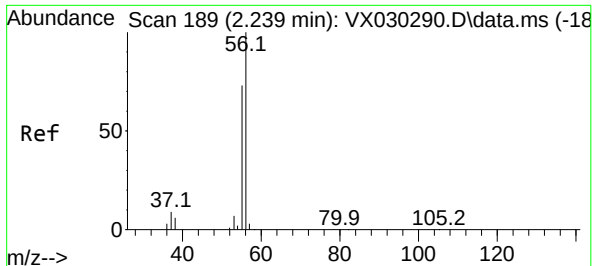
Tgt Ion:142 Resp: 576
Ion Ratio Lower Upper
142 100
127 42.4 30.2 45.2
141 9.7 11.3 16.9#



#11
Tert butyl alcohol
Concen: 26.218 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.030 min
Lab File: VX030342.D
Acq: 02 Aug 2022 10:53

Tgt Ion: 59 Resp: 18675
Ion Ratio Lower Upper
59 100
57 1.6 7.4 11.2#

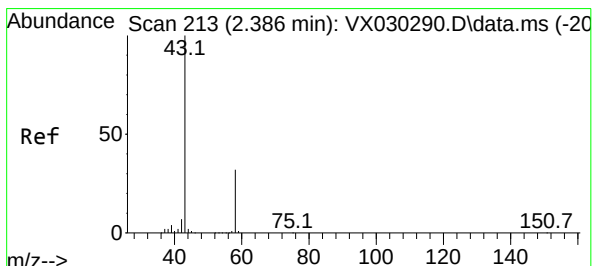
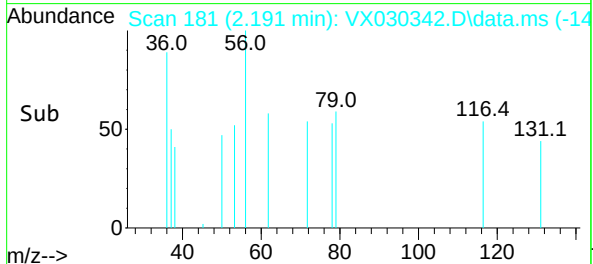
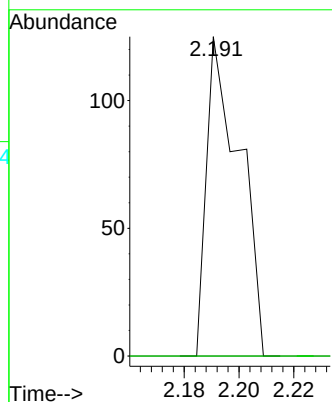
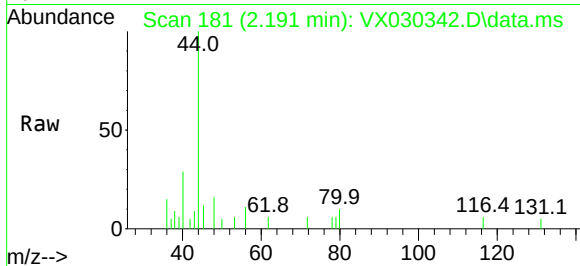




#13
Acrolein
Concen: 0.600 ug/l
RT: 2.191 min Scan# 189
Delta R.T. -0.048 min
Lab File: VX030342.D
Acq: 02 Aug 2022 10:53

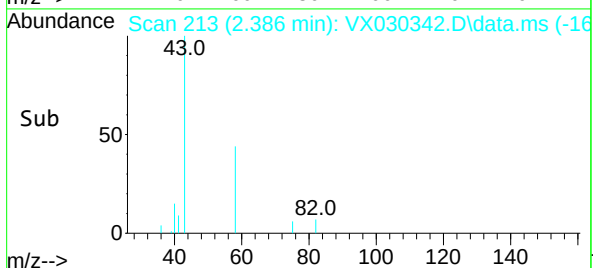
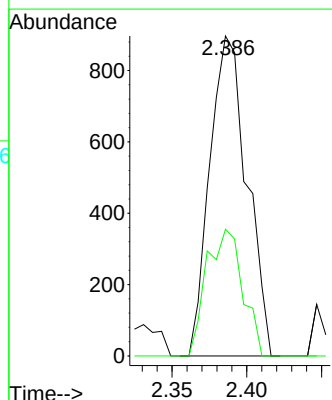
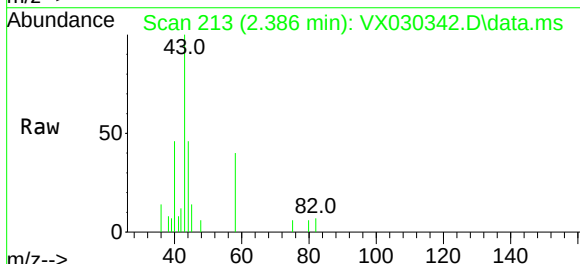
Instrument :
MSVOA_X
ClientSampleId :
VX0802WBL01

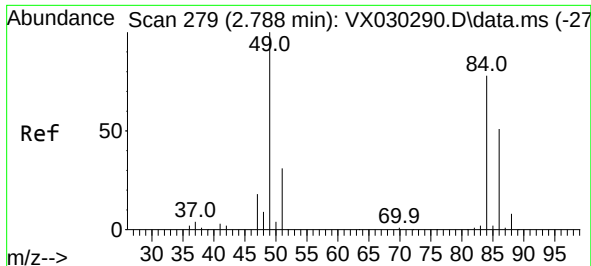
Tgt Ion: 56 Resp: 105
Ion Ratio Lower Upper
56 100
55 0.0 56.6 84.8#



#16
Acetone
Concen: 1.036 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.001 min
Lab File: VX030342.D
Acq: 02 Aug 2022 10:53

Tgt Ion: 43 Resp: 1549
Ion Ratio Lower Upper
43 100
58 39.6 27.7 41.5





#20

Methylene Chloride

Concen: Below Cal

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX030342.D

Acq: 02 Aug 2022 10:53

Instrument :

MSVOA_X

ClientSampleId :

VX0802WBL01

Tgt Ion: 84 Resp: 2071

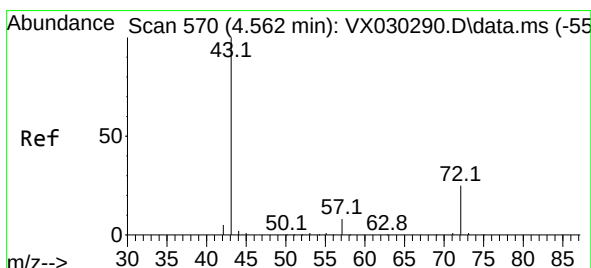
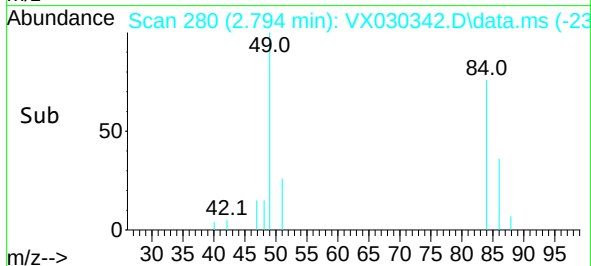
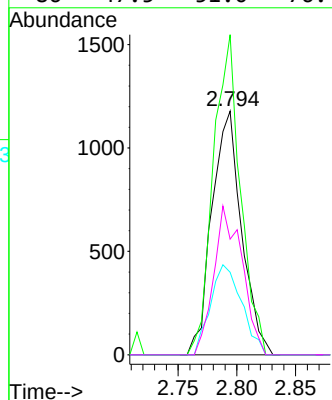
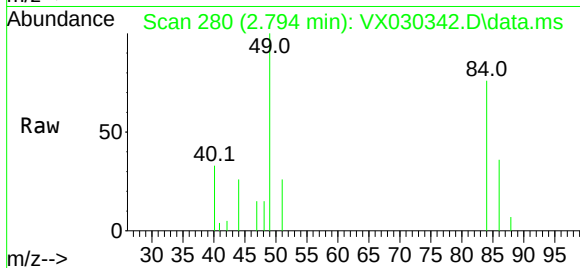
Ion Ratio Lower Upper

84 100

49 131.4 93.8 140.6

51 33.9 29.4 44.0

86 47.5 51.0 76.4#



#25

2-Butanone

Concen: 0.453 ug/l

RT: 4.599 min Scan# 576

Delta R.T. 0.031 min

Lab File: VX030342.D

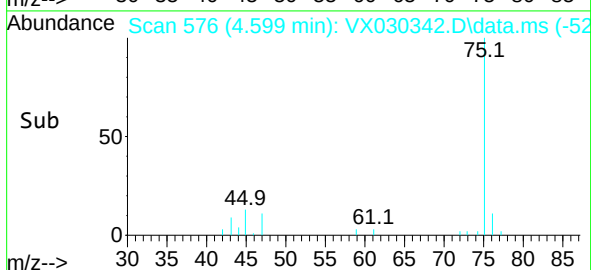
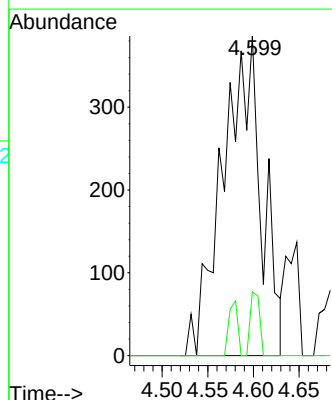
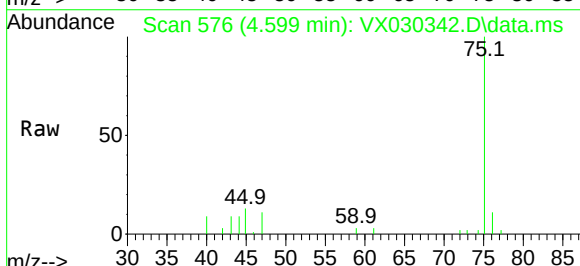
Acq: 02 Aug 2022 10:53

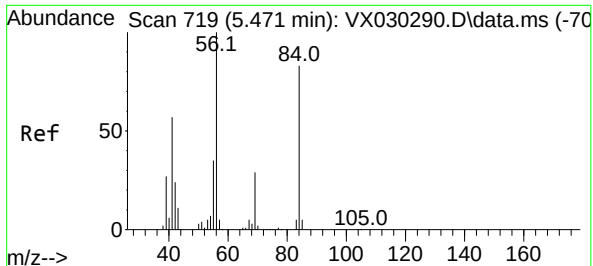
Tgt Ion: 43 Resp: 1139

Ion Ratio Lower Upper

43 100

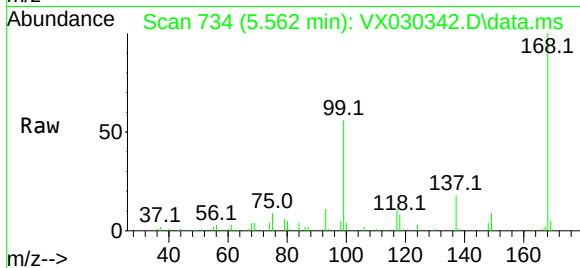
72 19.9 21.7 32.5#



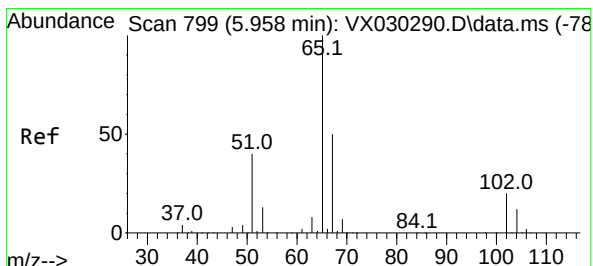
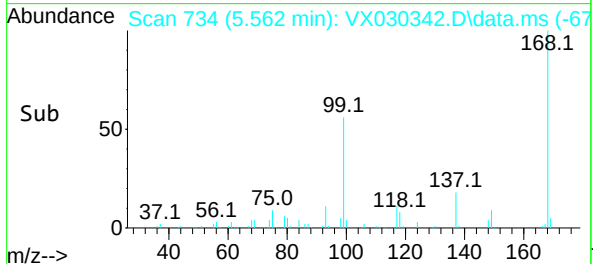
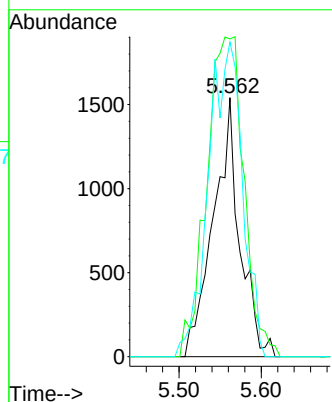


#31
Cyclohexane
Concen: 0.811 ug/l
RT: 5.562 min Scan# 719
Delta R.T. 0.092 min
Lab File: VX030342.D
Acq: 02 Aug 2022 10:53

Instrument :
MSVOA_X
ClientSampleId :
VX0802WBL01

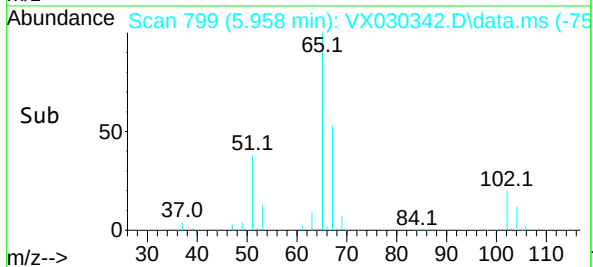
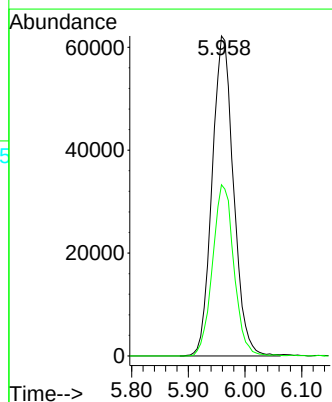
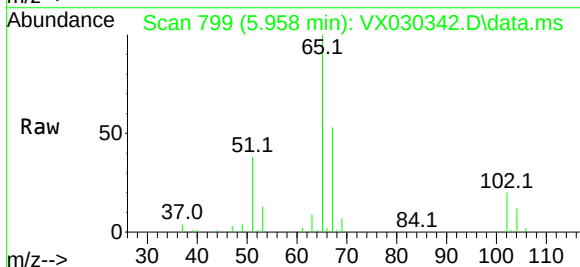


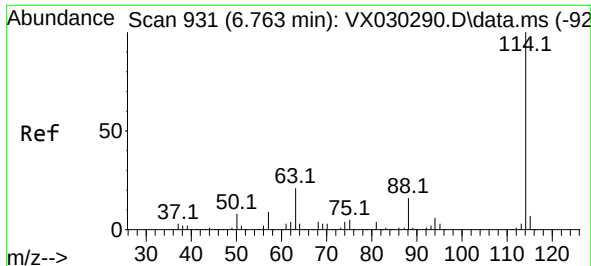
Tgt Ion: 56 Resp: 3437
Ion Ratio Lower Upper
56 100
69 122.7 25.4 38.0#
84 121.5 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 55.940 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX030342.D
Acq: 02 Aug 2022 10:53

Tgt Ion: 65 Resp: 163351
Ion Ratio Lower Upper
65 100
67 53.2 0.0 109.6

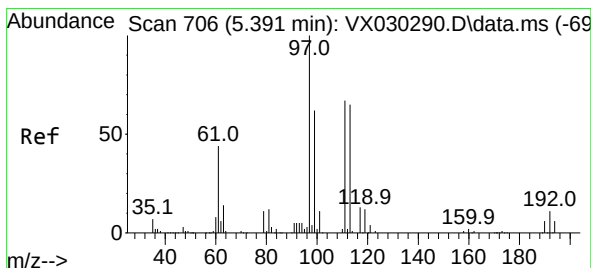
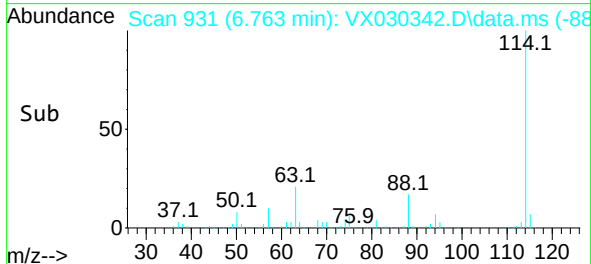
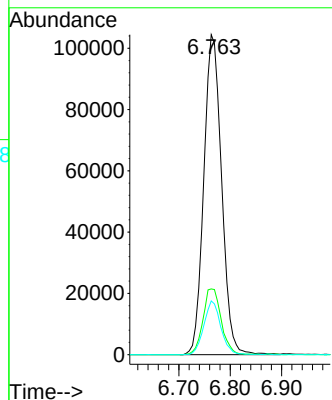
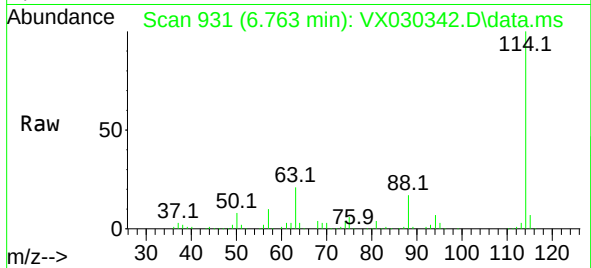




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX030342.D
Acq: 02 Aug 2022 10:53

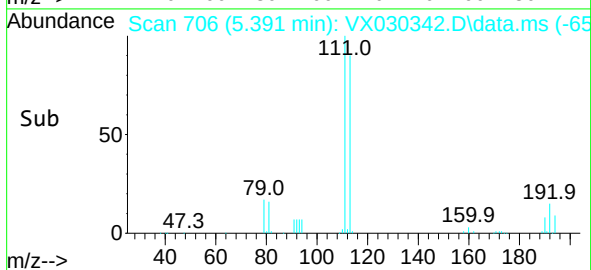
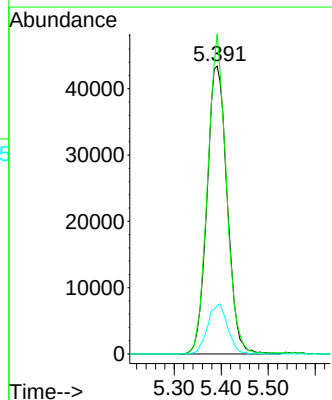
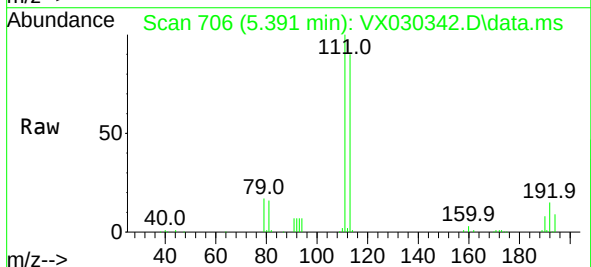
Instrument :
MSVOA_X
ClientSampleId :
VX0802WBL01

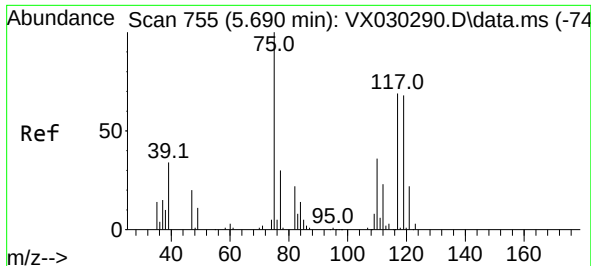
Tgt Ion:114 Resp: 251360
Ion Ratio Lower Upper
114 100
63 20.6 0.0 38.4
88 16.8 0.0 31.8



#35
Dibromofluoromethane
Concen: 53.887 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030342.D
Acq: 02 Aug 2022 10:53

Tgt Ion:113 Resp: 129483
Ion Ratio Lower Upper
113 100
111 102.7 83.2 124.8
192 17.2 14.8 22.2

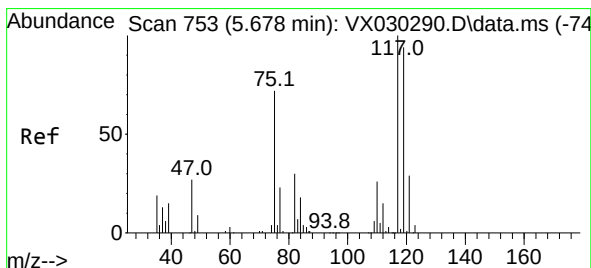
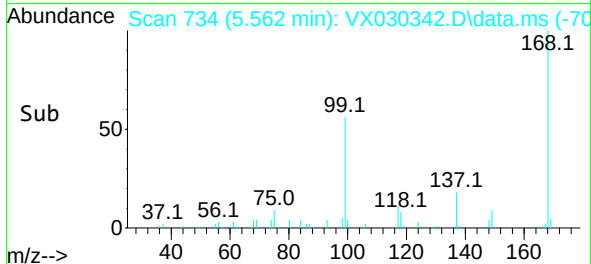
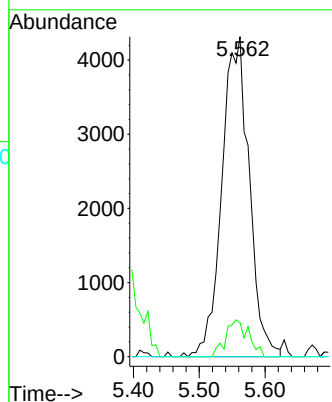
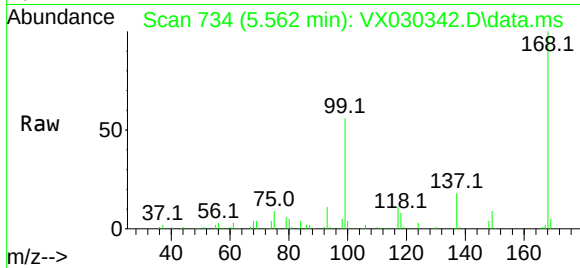




#36
1,1-Dichloropropene
Concen: 3.602 ug/l
RT: 5.562 min Scan# 714
Delta R.T. -0.134 min
Lab File: VX030342.D
Acq: 02 Aug 2022 10:53

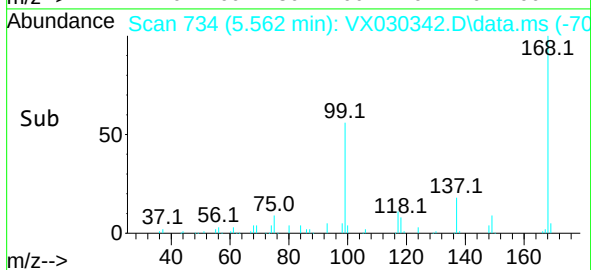
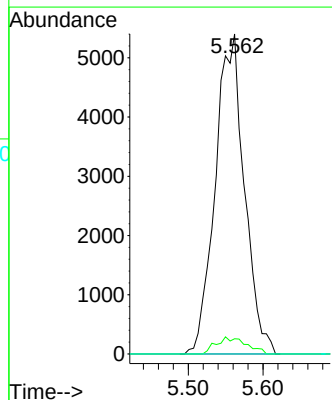
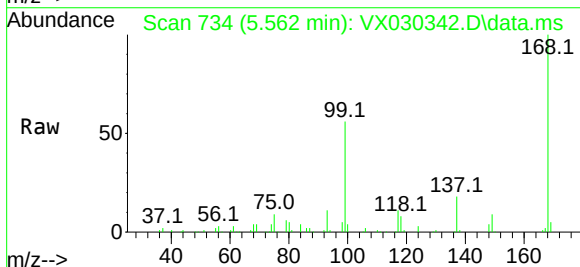
Instrument :
MSVOA_X
ClientSampleId :
VX0802WBL01

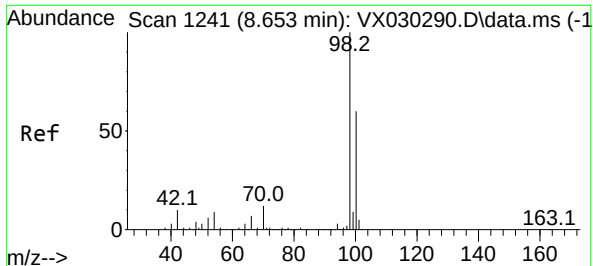
Tgt Ion: 75 Resp: 12456
Ion Ratio Lower Upper
75 100
110 9.6 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 4.529 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.121 min
Lab File: VX030342.D
Acq: 02 Aug 2022 10:53

Tgt Ion: 117 Resp: 14621
Ion Ratio Lower Upper
117 100
119 4.8 74.1 111.1#
121 0.0 25.8 38.8#

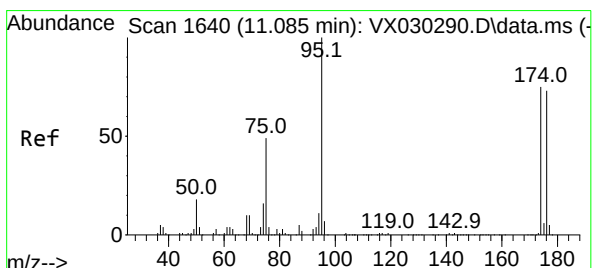
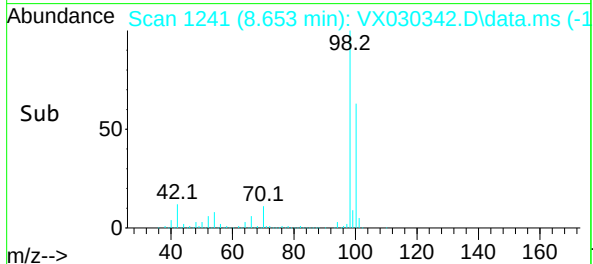
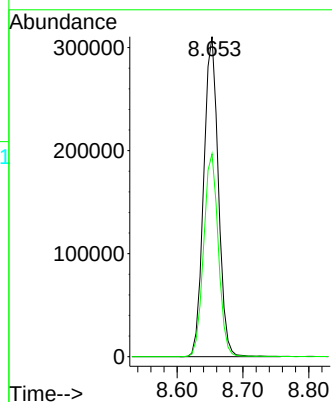
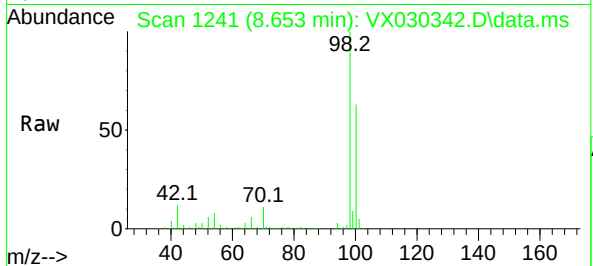




#50
Toluene-d8
Concen: 51.651 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX030342.D
Acq: 02 Aug 2022 10:53

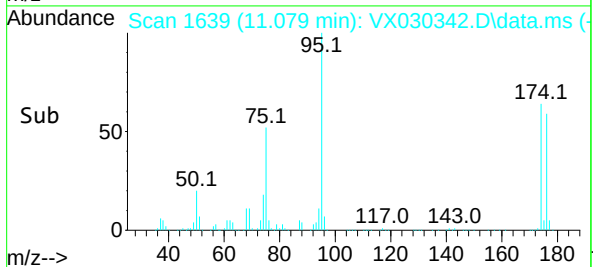
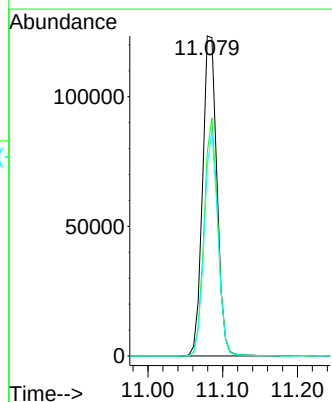
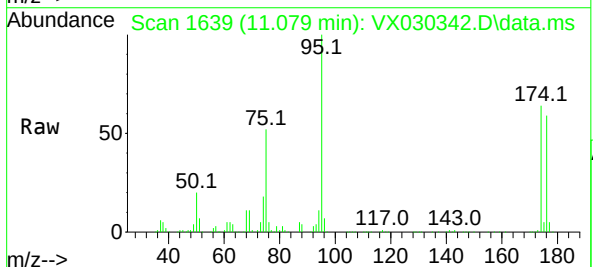
Instrument :
MSVOA_X
ClientSampleId :
VX0802WBL01

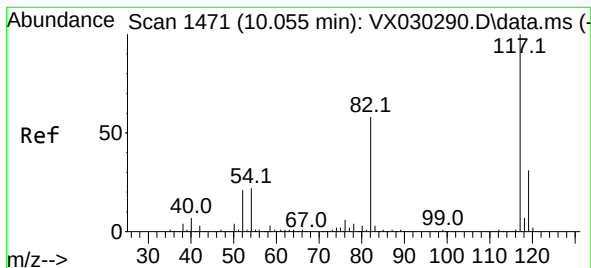
Tgt Ion: 98 Resp: 480638
Ion Ratio Lower Upper
98 100
100 63.5 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 47.725 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX030342.D
Acq: 02 Aug 2022 10:53

Tgt Ion: 95 Resp: 164818
Ion Ratio Lower Upper
95 100
174 71.8 0.0 149.0
176 66.9 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: VX030342.D

Acq: 02 Aug 2022 10:53

Instrument :

MSVOA_X

ClientSampleId :

VX0802WBL01

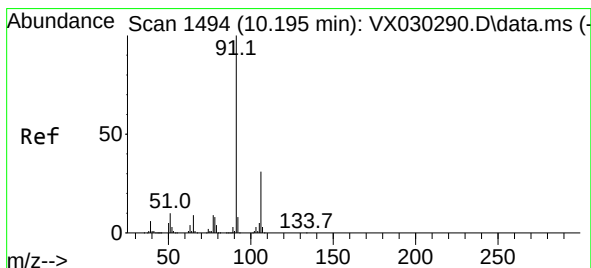
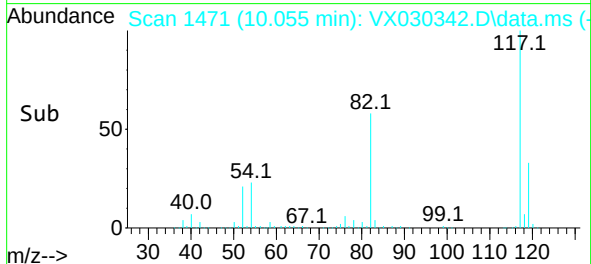
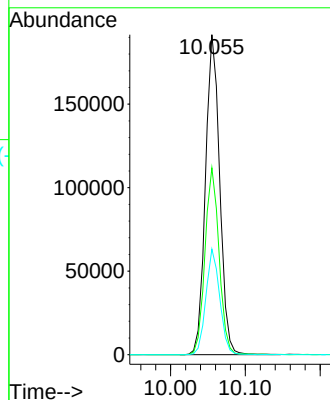
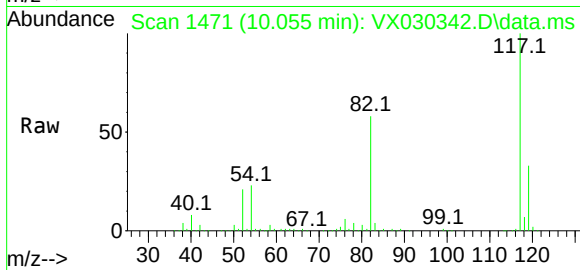
Tgt Ion:117 Resp: 253481

Ion Ratio Lower Upper

117 100

82 58.4 42.7 64.1

119 33.0 25.4 38.2



#67

Ethyl Benzene

Concen: Below Cal

RT: 10.201 min Scan# 1495

Delta R.T. 0.006 min

Lab File: VX030342.D

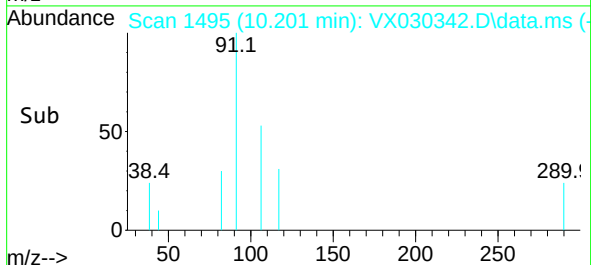
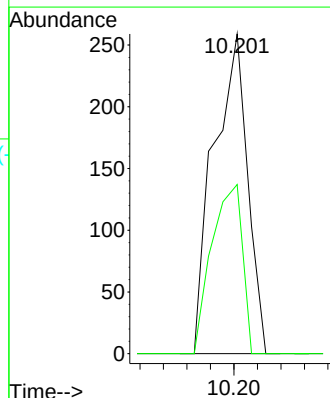
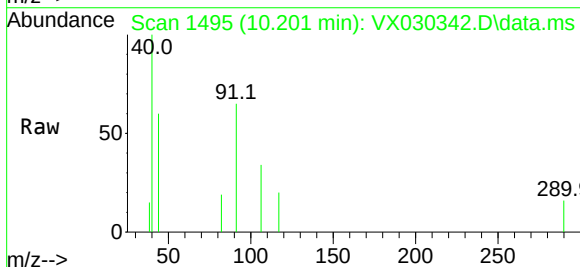
Acq: 02 Aug 2022 10:53

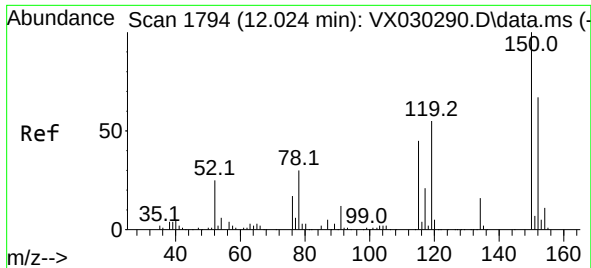
Tgt Ion: 91 Resp: 259

Ion Ratio Lower Upper

91 100

106 52.9 25.5 38.3#

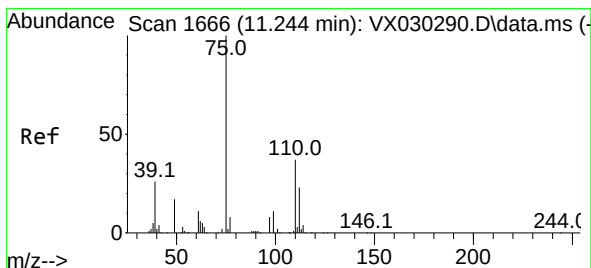
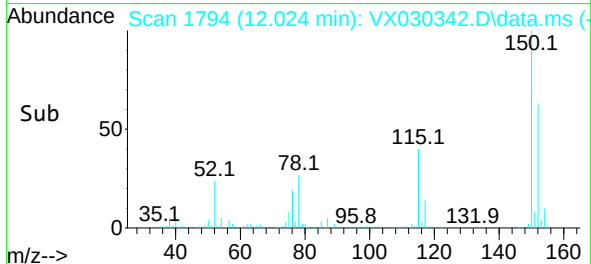
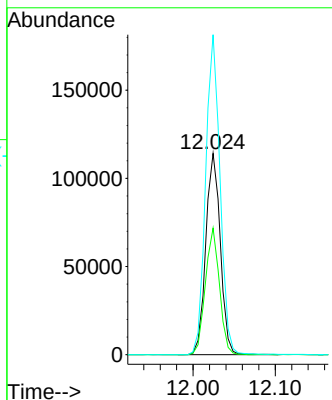
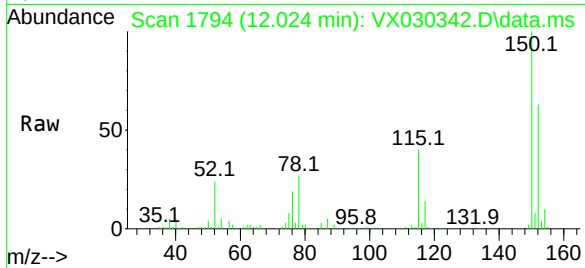




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX030342.D
 Acq: 02 Aug 2022 10:53

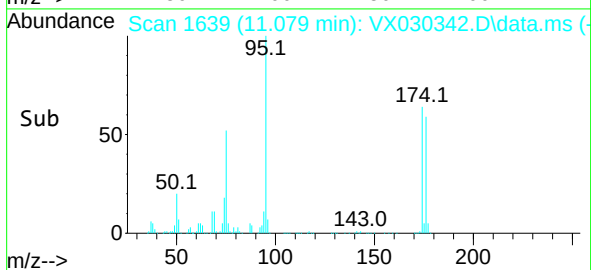
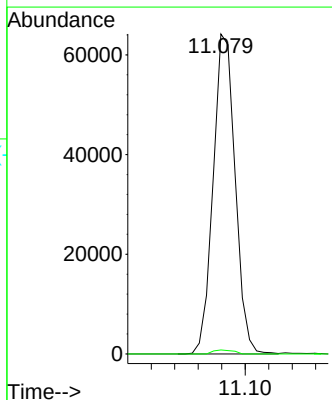
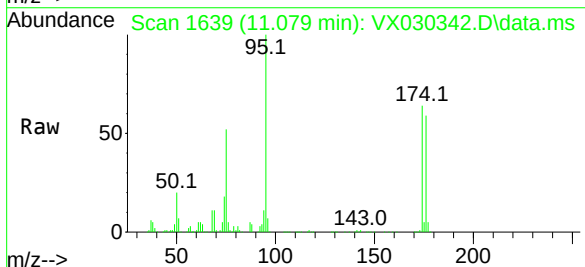
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0802WBL01

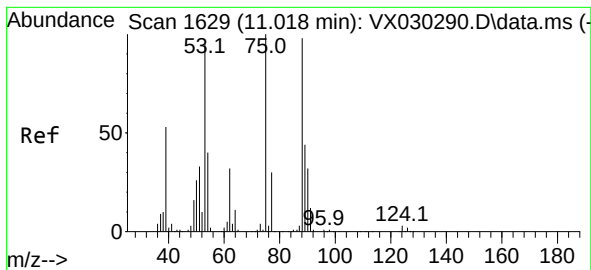
Tgt Ion:152 Resp: 139998
 Ion Ratio Lower Upper
 152 100
 115 60.9 40.5 121.5
 150 157.5 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 22.661 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.164 min
 Lab File: VX030342.D
 Acq: 02 Aug 2022 10:53

Tgt Ion: 75 Resp: 83626
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.982 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.055 min
 Lab File: VX030342.D
 Acq: 02 Aug 2022 10:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0802WBL01

Tgt Ion: 75 Resp: 83626
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.2 111.4#
 89 0.0 34.8 52.2#

