

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080122\
 Data File : VX030314.D
 Acq On : 01 Aug 2022 11:44
 Operator : JC/MD
 Sample : VX0801WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0801WBL01

Quant Time: Aug 02 01:49:11 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)

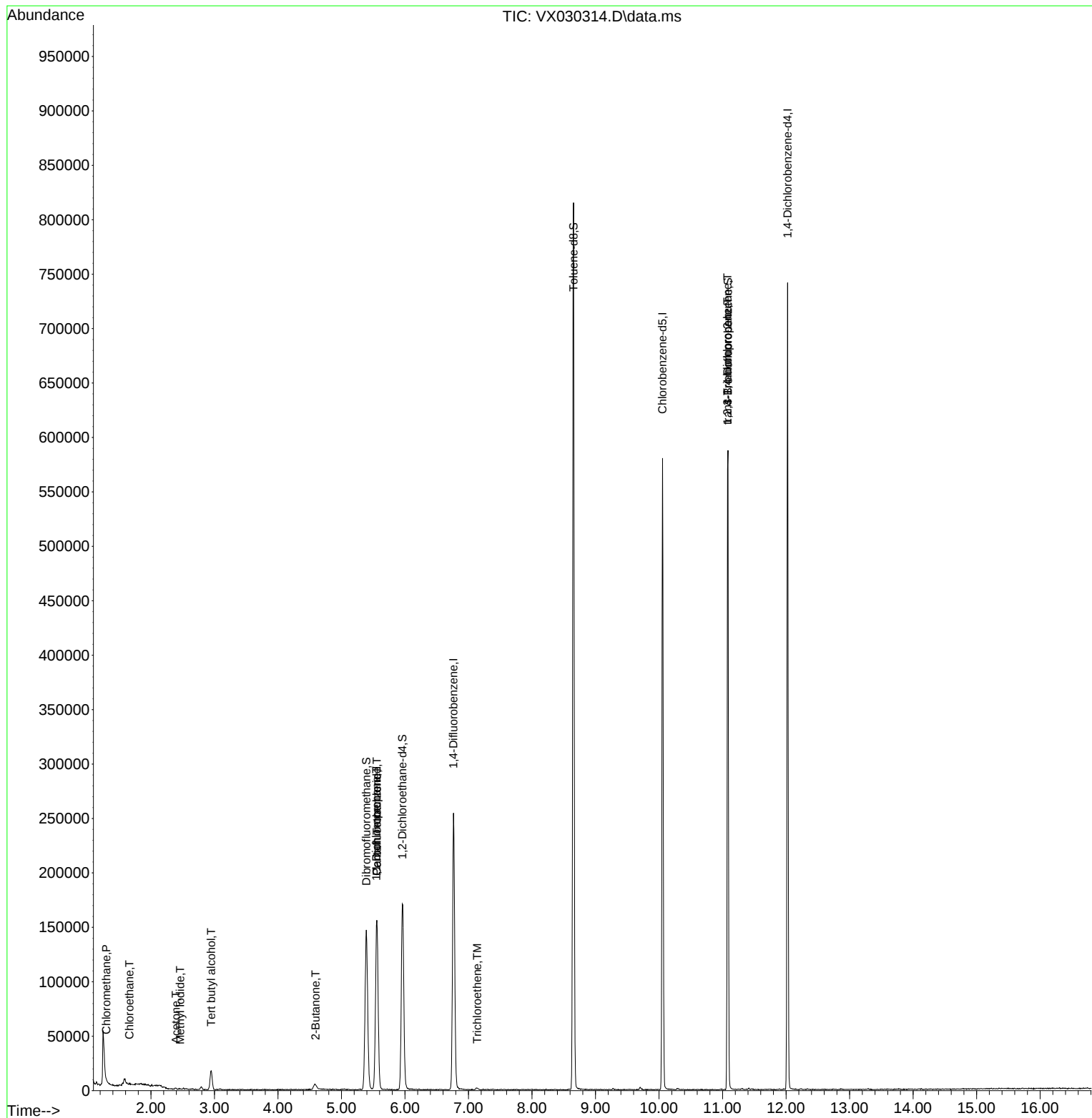
Internal Standards						
1) Pentafluorobenzene	5.556	168	146725	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	253177	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	256184	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	140149	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	166722	56.534	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	113.060%
35) Dibromofluoromethane	5.391	113	132033	54.554	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.100%
50) Toluene-d8	8.653	98	483917	51.630	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.260%
62) 4-Bromofluorobenzene	11.085	95	169918	48.849	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.700%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	523	0.220	ug/l	89
5) Bromomethane	1.605	94	341	Below Cal	#	38
6) Chloroethane	1.660	64	342	0.248	ug/l #	45
10) Methyl Iodide	2.459	142	525	1.748	ug/l #	82
11) Tert butyl alcohol	2.946	59	11027	15.329	ug/l #	78
16) Acetone	2.392	43	1174	0.778	ug/l #	86
20) Methylene Chloride	2.794	84	1154	Below Cal	#	77
25) 2-Butanone	4.592	43	1230	0.485	ug/l #	48
36) 1,1-Dichloropropene	5.550	75	12538	3.600	ug/l #	50
38) Carbon Tetrachloride	5.556	117	15383	4.731	ug/l #	17
44) Trichloroethene	7.135	130	650	0.217	ug/l	83
67) Ethyl Benzene	10.189	91	230	Below Cal	#	43
76) 1,2,3-Trichloropropane	11.079	75	84396	22.845	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	84396	68.534	ug/l #	13

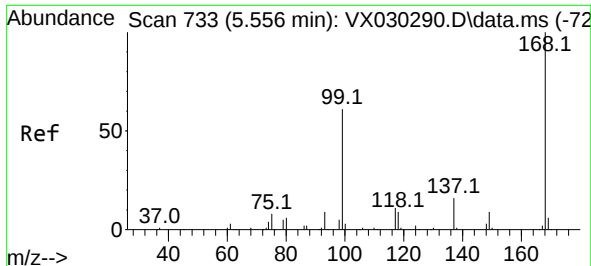
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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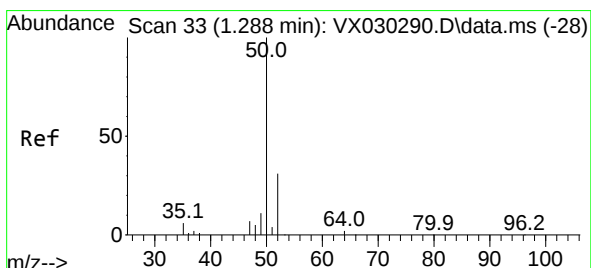
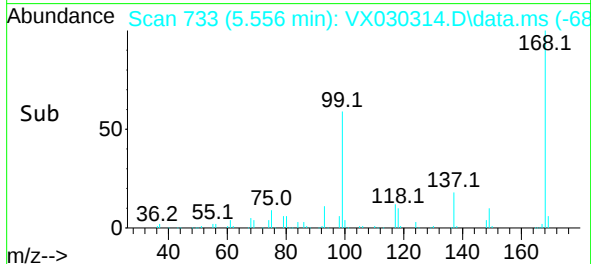
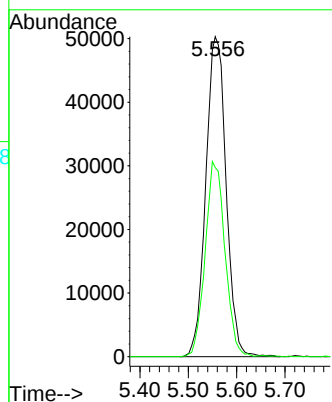
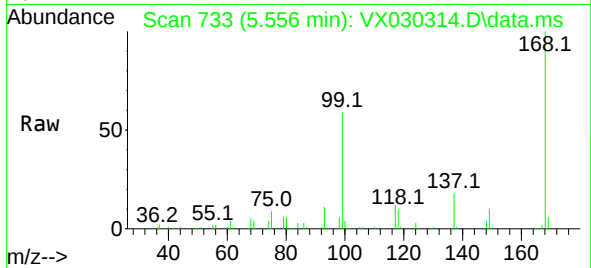




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX030314.D
Acq: 01 Aug 2022 11:44

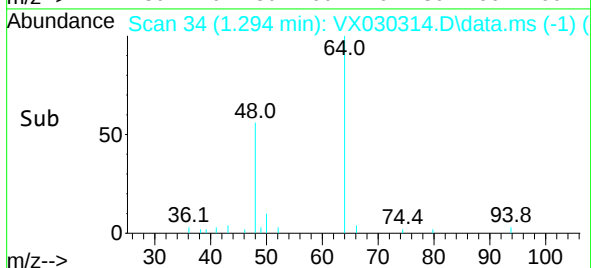
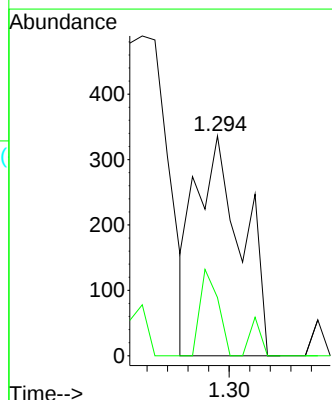
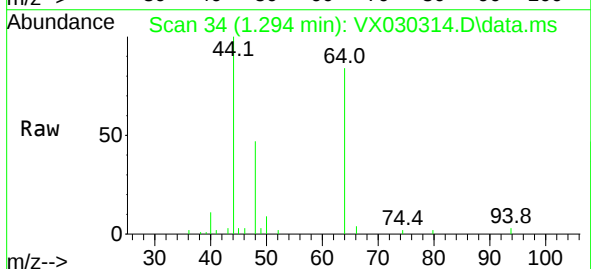
Instrument :
MSVOA_X
ClientSampleId :
VX0801WBL01

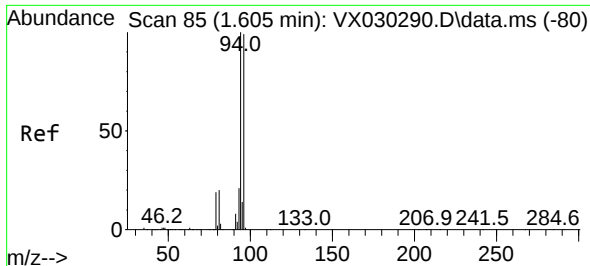
Tgt Ion:168 Resp: 146725
Ion Ratio Lower Upper
168 100
99 59.1 44.0 66.0



#3
Chloromethane
Concen: 0.220 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX030314.D
Acq: 01 Aug 2022 11:44

Tgt Ion: 50 Resp: 523
Ion Ratio Lower Upper
50 100
52 26.5 26.3 39.5

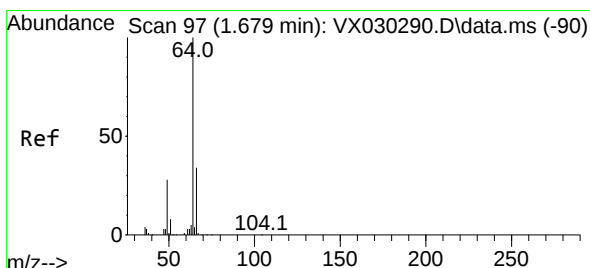
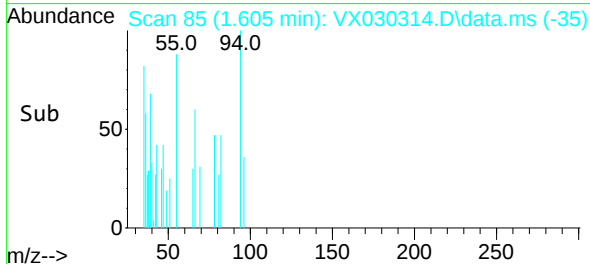
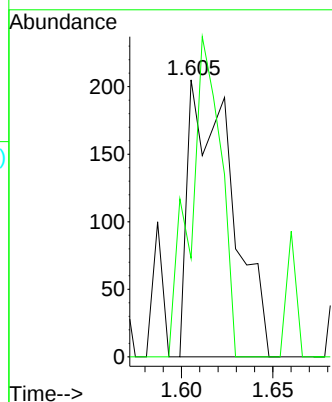
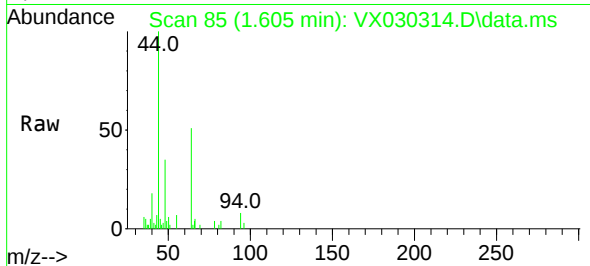




#5
Bromomethane
Concen: Below Cal
RT: 1.605 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX030314.D
Acq: 01 Aug 2022 11:44

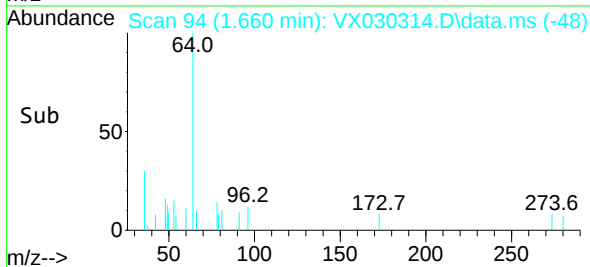
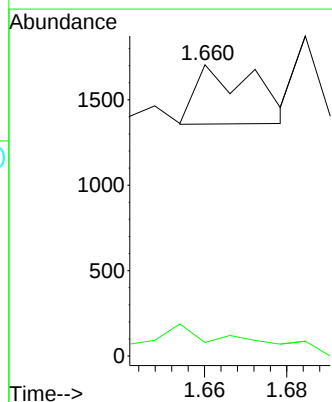
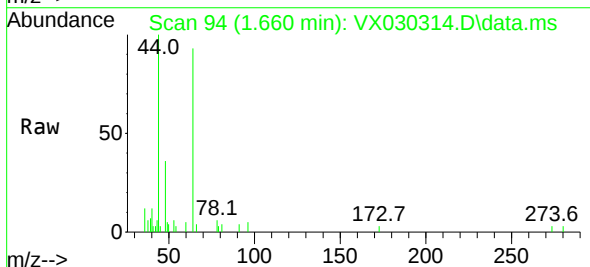
Instrument :
MSVOA_X
ClientSampleId :
VX0801WBL01

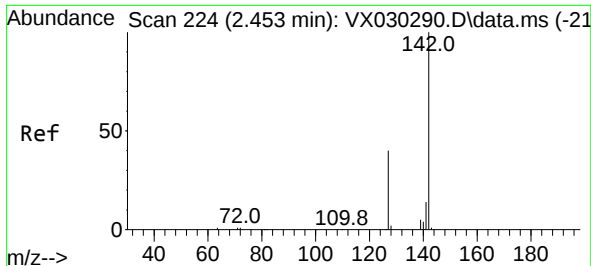
Tgt Ion: 94 Resp: 341
Ion Ratio Lower Upper
94 100
96 35.6 76.9 115.3#



#6
Chloroethane
Concen: 0.248 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.018 min
Lab File: VX030314.D
Acq: 01 Aug 2022 11:44

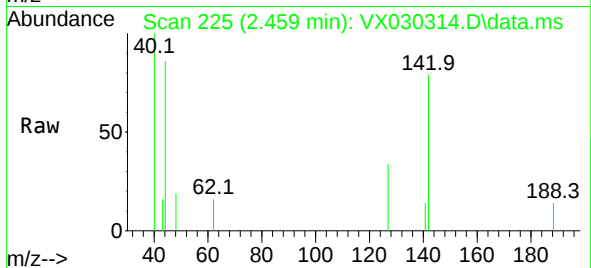
Tgt Ion: 64 Resp: 342
Ion Ratio Lower Upper
64 100
66 2.6 27.2 40.8#



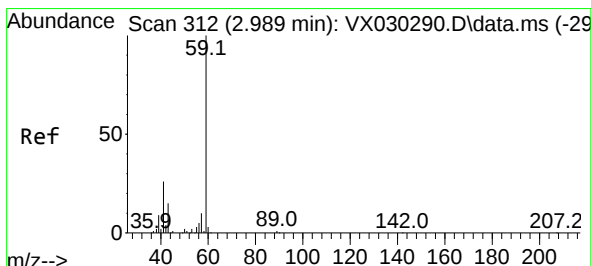
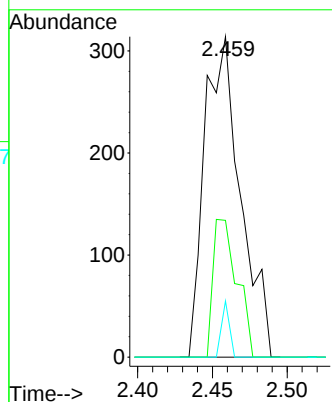
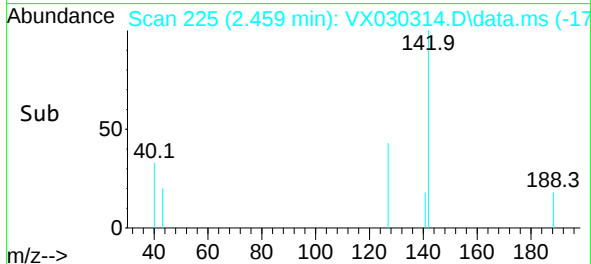


#10
Methyl Iodide
Concen: 1.748 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.013 min
Lab File: VX030314.D
Acq: 01 Aug 2022 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX0801WBL01

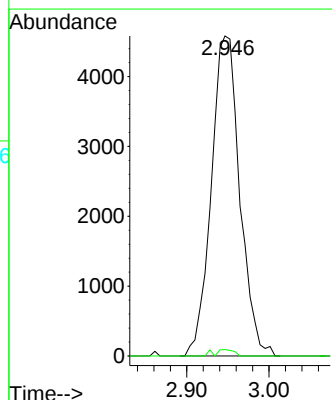
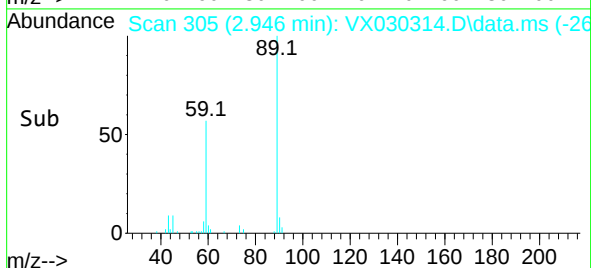
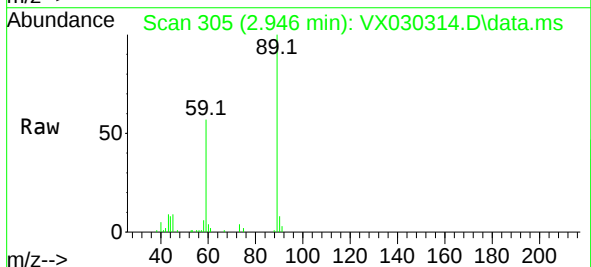


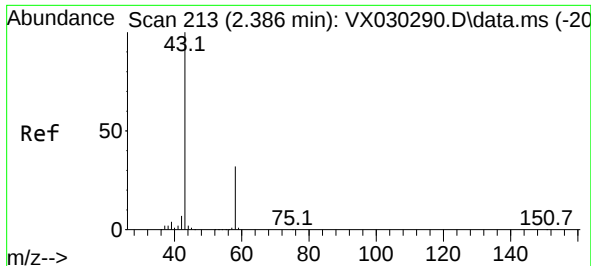
Tgt Ion:142 Resp: 525
Ion Ratio Lower Upper
142 100
127 28.6 30.2 45.2#
141 3.8 11.3 16.9#



#11
Tert butyl alcohol
Concen: 15.329 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.031 min
Lab File: VX030314.D
Acq: 01 Aug 2022 11:44

Tgt Ion: 59 Resp: 11027
Ion Ratio Lower Upper
59 100
57 1.4 7.4 11.2#

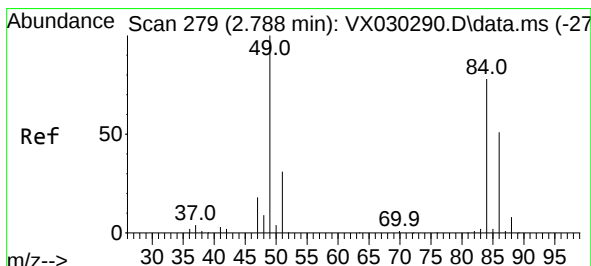
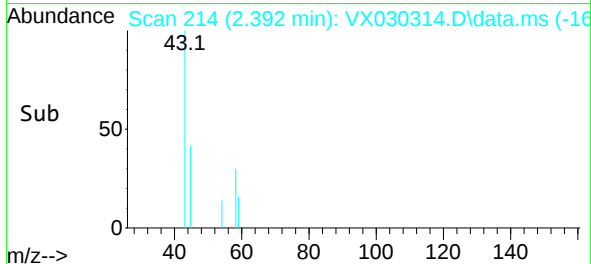
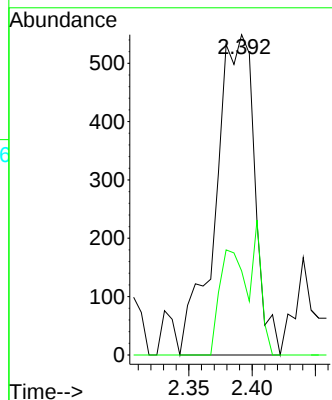
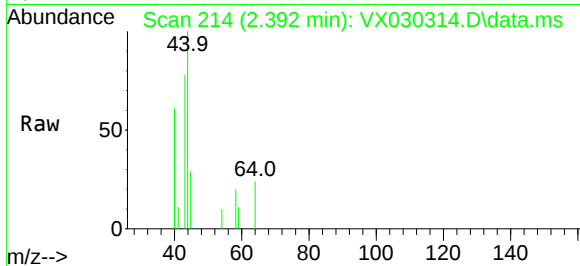




#16
Acetone
Concen: 0.778 ug/l
RT: 2.392 min Scan# 21
Delta R.T. 0.007 min
Lab File: VX030314.D
Acq: 01 Aug 2022 11:44

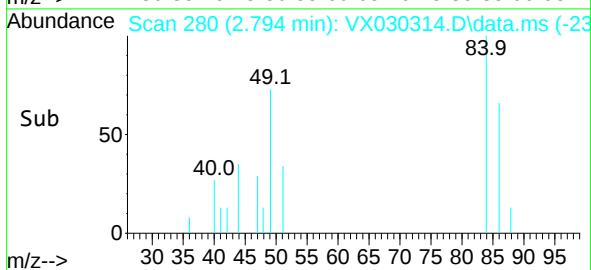
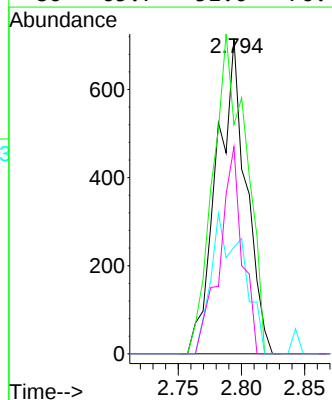
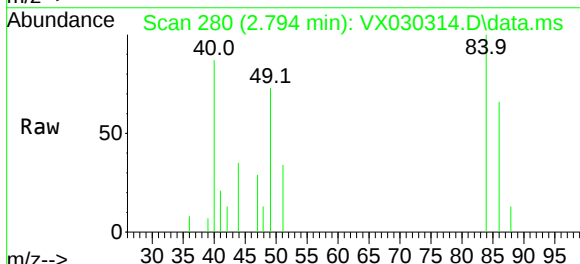
Instrument :
MSVOA_X
ClientSampleId :
VX0801WBL01

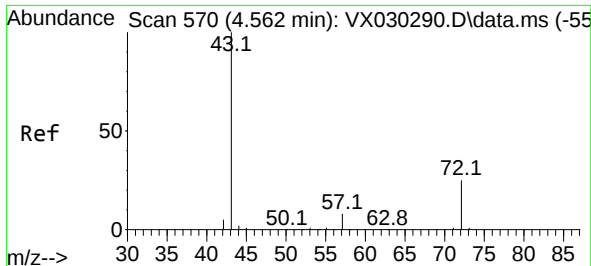
Tgt Ion: 43 Resp: 1174
Ion Ratio Lower Upper
43 100
58 26.2 27.7 41.5#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX030314.D
Acq: 01 Aug 2022 11:44

Tgt Ion: 84 Resp: 1154
Ion Ratio Lower Upper
84 100
49 72.7 93.8 140.6#
51 33.8 29.4 44.0
86 65.7 51.0 76.4





#25

2-Butanone

Concen: 0.485 ug/l

RT: 4.592 min Scan# 51

Delta R.T. 0.024 min

Lab File: VX030314.D

Acq: 01 Aug 2022 11:44

Instrument :

MSVOA_X

ClientSampleId :

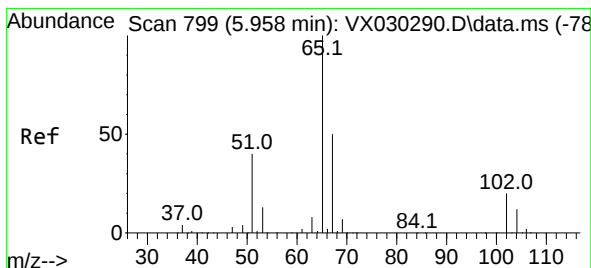
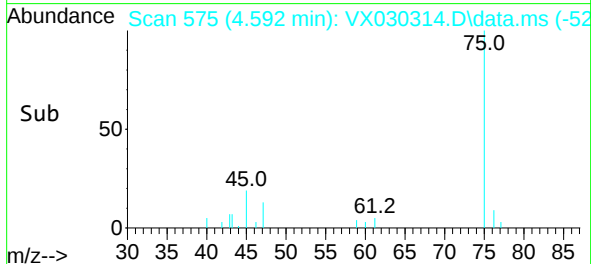
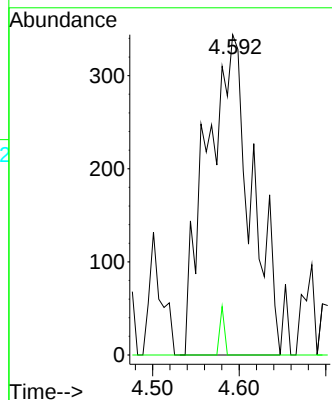
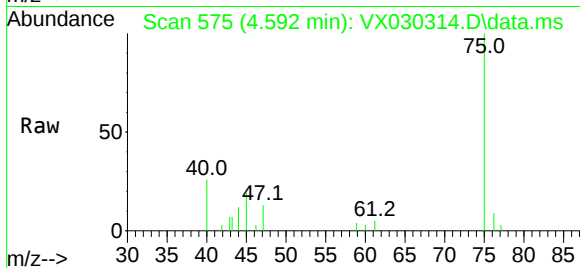
VX0801WBL01

Tgt Ion: 43 Resp: 1230

Ion Ratio Lower Upper

43 100

72 0.0 21.7 32.5#



#33

1,2-Dichloroethane-d4

Concen: 56.534 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX030314.D

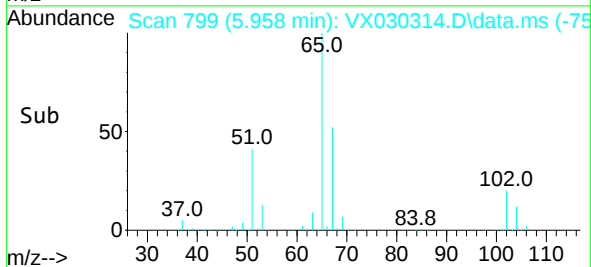
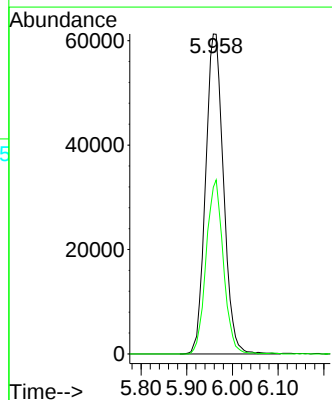
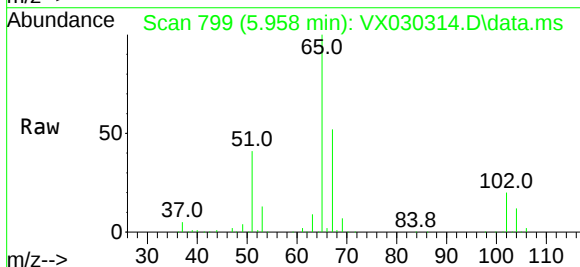
Acq: 01 Aug 2022 11:44

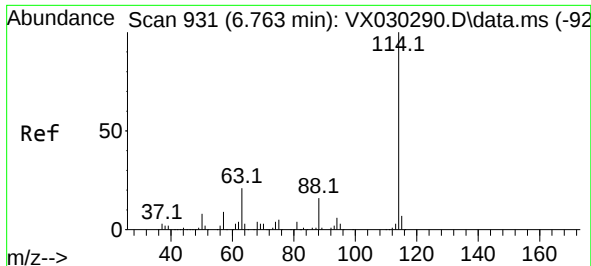
Tgt Ion: 65 Resp: 166722

Ion Ratio Lower Upper

65 100

67 52.1 0.0 109.6

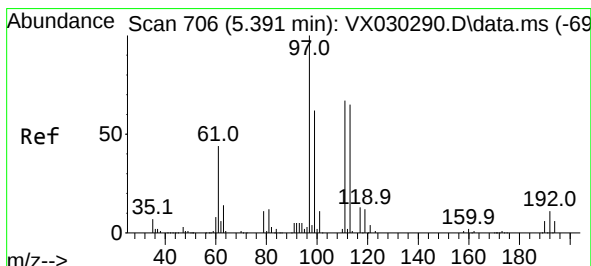
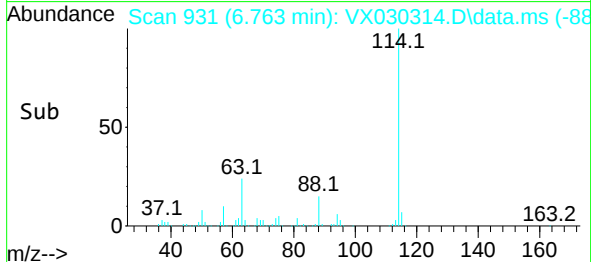
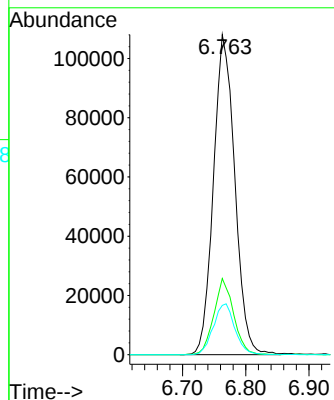
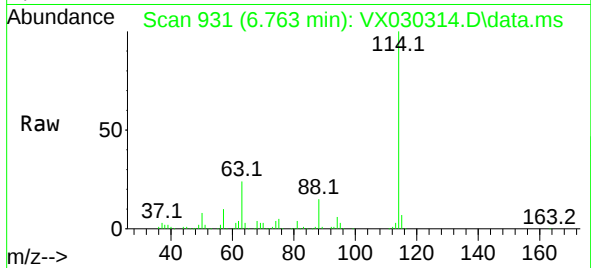




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX030314.D
Acq: 01 Aug 2022 11:44

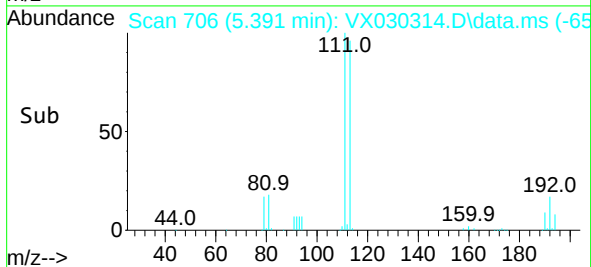
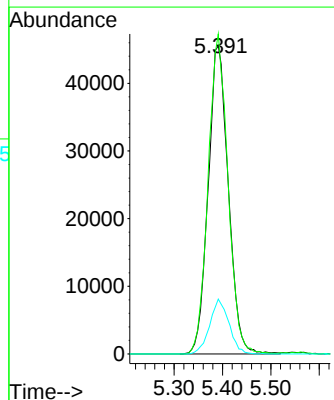
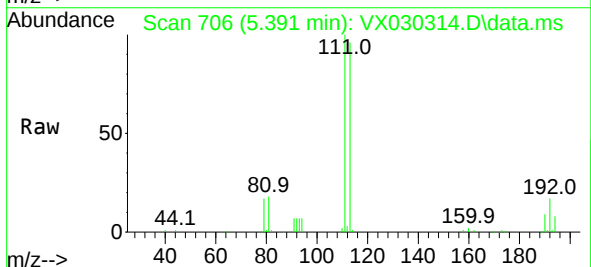
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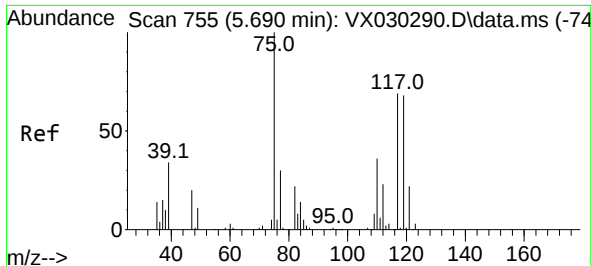
Tgt Ion:114 Resp: 253177
Ion Ratio Lower Upper
114 100
63 23.8 0.0 38.4
88 15.4 0.0 31.8



#35
Dibromofluoromethane
Concen: 54.554 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030314.D
Acq: 01 Aug 2022 11:44

Tgt Ion:113 Resp: 132033
Ion Ratio Lower Upper
113 100
111 101.8 83.2 124.8
192 16.9 14.8 22.2





#36

1,1-Dichloropropene

Concen: 3.600 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX030314.D

Acq: 01 Aug 2022 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX0801WBL01

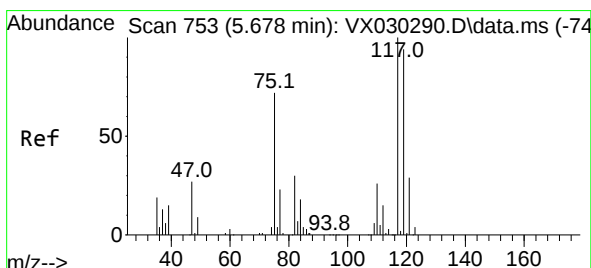
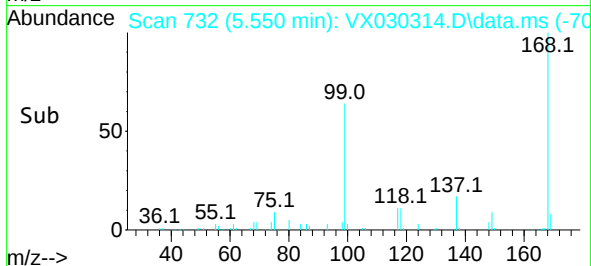
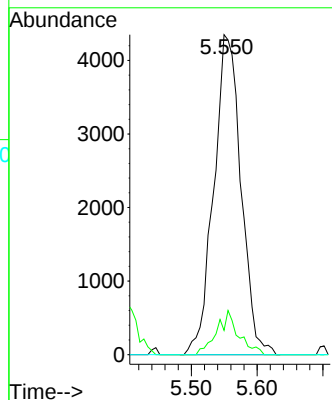
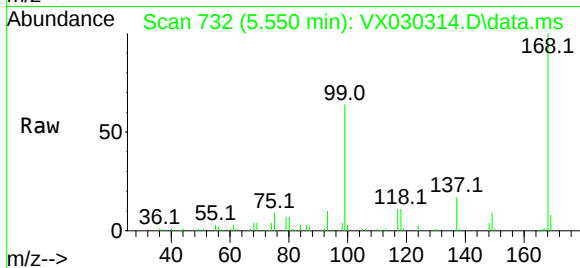
Tgt Ion: 75 Resp: 12538

Ion Ratio Lower Upper

75 100

110 11.0 19.3 57.9#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 4.731 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.127 min

Lab File: VX030314.D

Acq: 01 Aug 2022 11:44

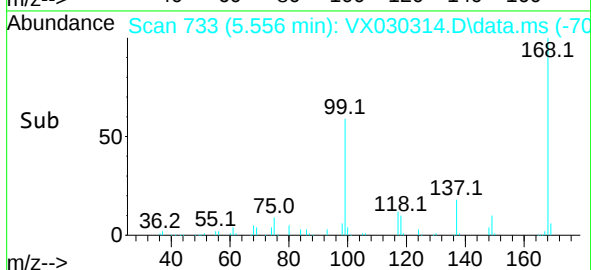
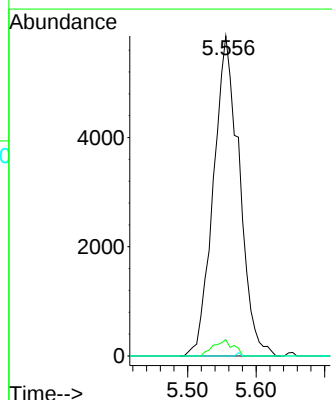
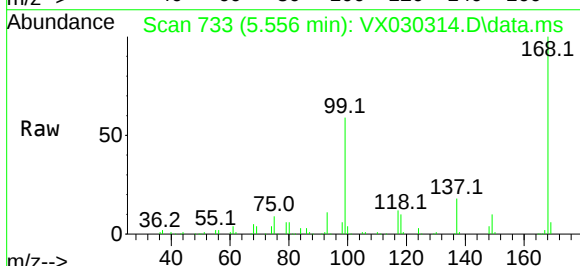
Tgt Ion: 117 Resp: 15383

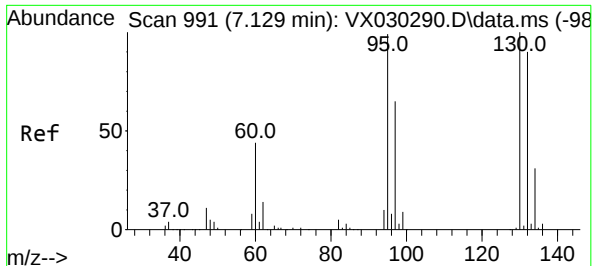
Ion Ratio Lower Upper

117 100

119 5.1 74.1 111.1#

121 0.0 25.8 38.8#

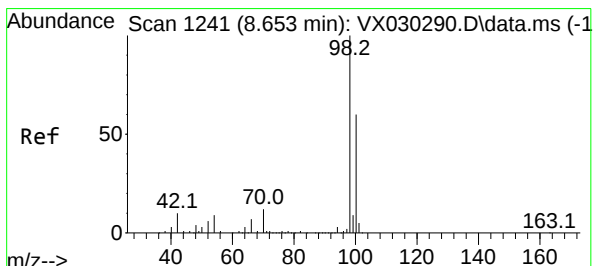
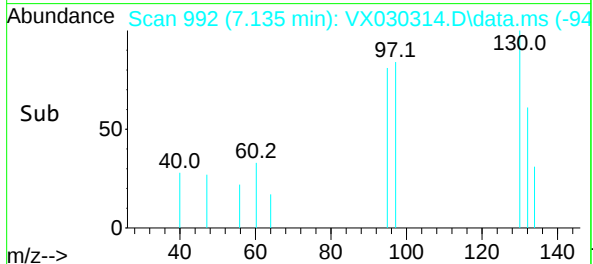
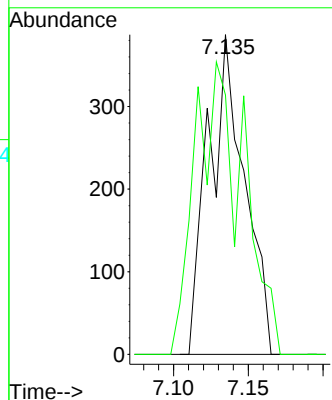
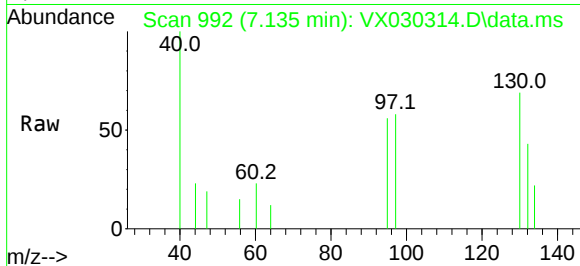




#44
Trichloroethene
Concen: 0.217 ug/l
RT: 7.135 min Scan# 991
Delta R.T. 0.007 min
Lab File: VX030314.D
Acq: 01 Aug 2022 11:44

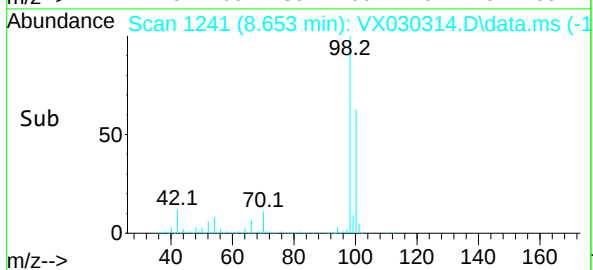
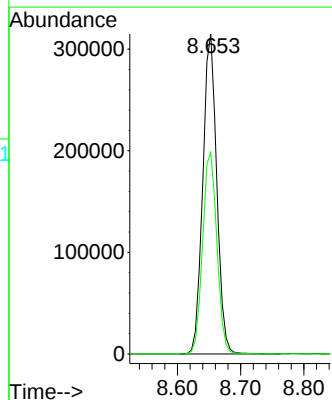
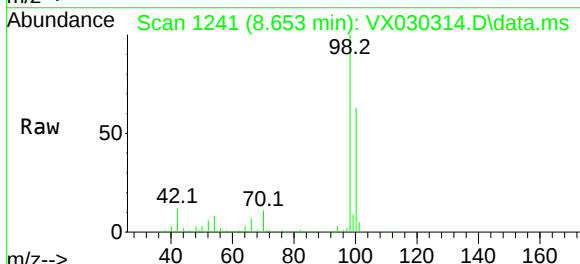
Instrument :
MSVOA_X
ClientSampleId :
VX0801WBL01

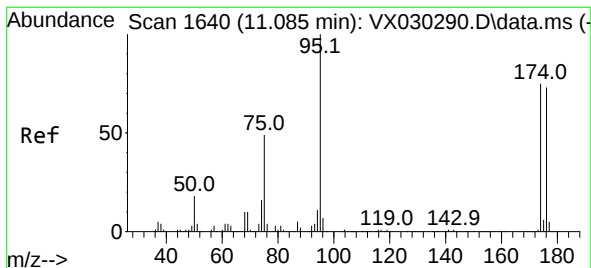
Tgt Ion:130 Resp: 650
Ion Ratio Lower Upper
130 100
95 81.1 0.0 194.8



#50
Toluene-d8
Concen: 51.630 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.001 min
Lab File: VX030314.D
Acq: 01 Aug 2022 11:44

Tgt Ion: 98 Resp: 483917
Ion Ratio Lower Upper
98 100
100 64.4 52.3 78.5

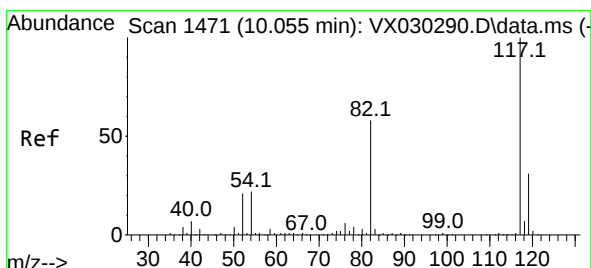
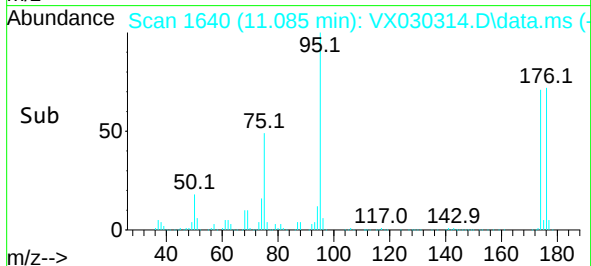
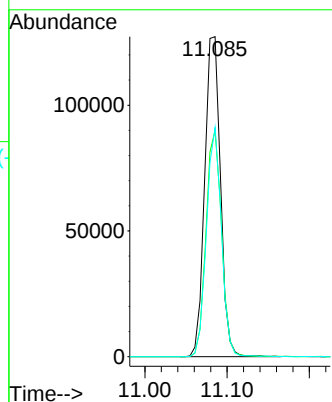
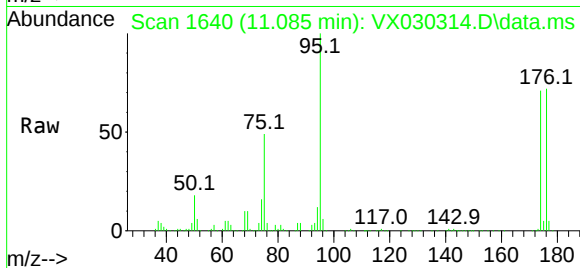




#62
4-Bromofluorobenzene
Concen: 48.849 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030314.D
Acq: 01 Aug 2022 11:44

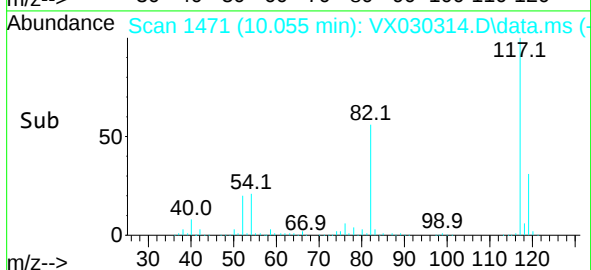
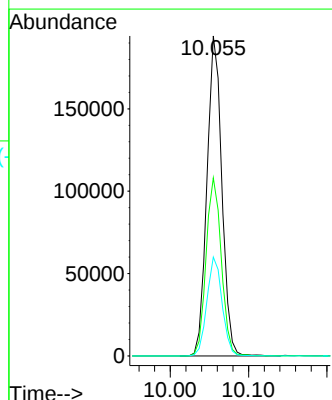
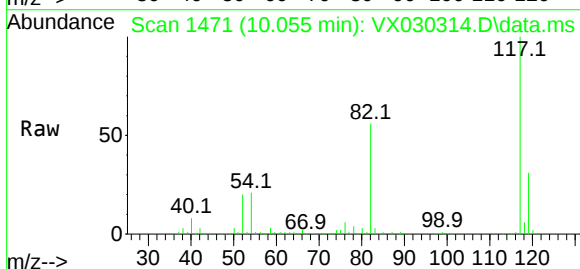
Instrument :
MSVOA_X
ClientSampleId :
VX0801WBL01

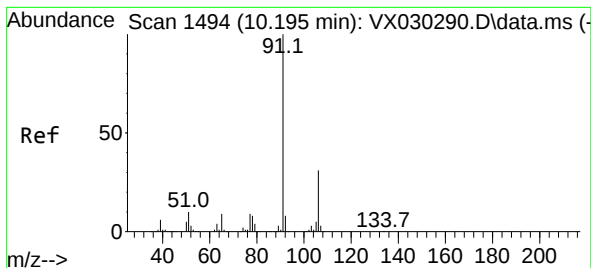
Tgt Ion: 95 Resp: 169918
Ion Ratio Lower Upper
95 100
174 69.4 0.0 149.0
176 67.9 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX030314.D
Acq: 01 Aug 2022 11:44

Tgt Ion: 117 Resp: 256184
Ion Ratio Lower Upper
117 100
82 55.7 42.7 64.1
119 30.9 25.4 38.2





#67

Ethyl Benzene

Concen: Below Cal

RT: 10.189 min Scan# 1494

Delta R.T. -0.006 min

Lab File: VX030314.D

Acq: 01 Aug 2022 11:44

Instrument :

MSVOA_X

ClientSampleId :

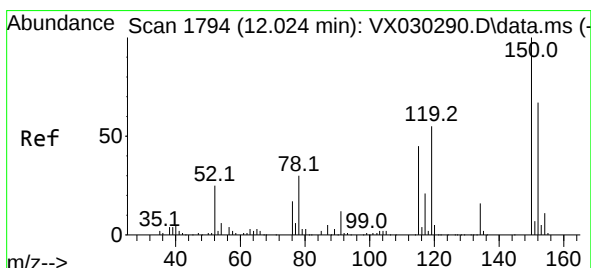
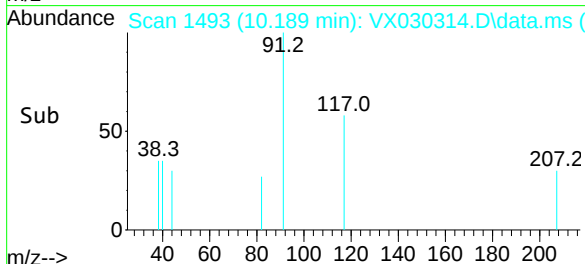
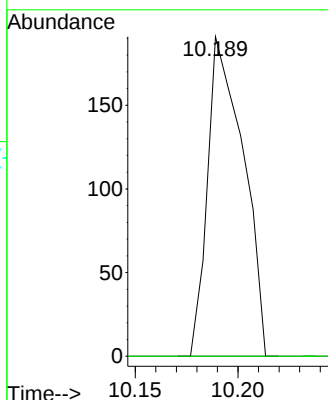
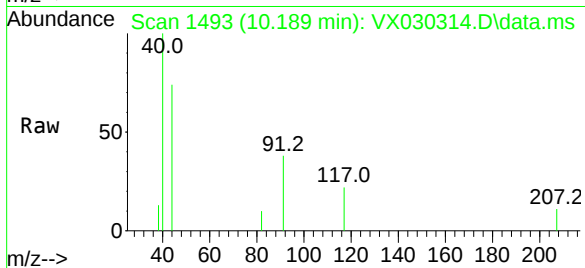
VX0801WBL01

Tgt Ion: 91 Resp: 230

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: VX030314.D

Acq: 01 Aug 2022 11:44

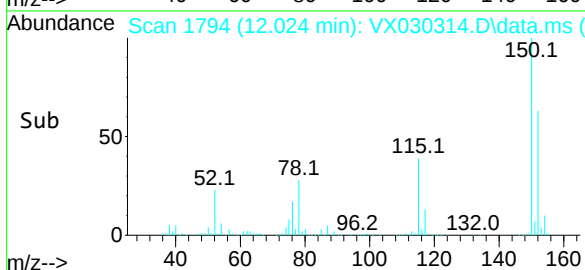
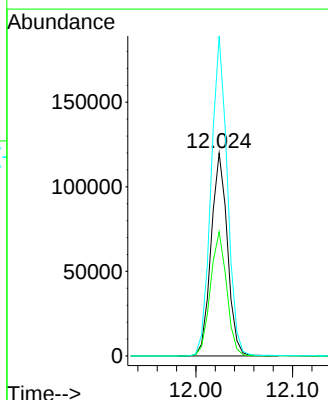
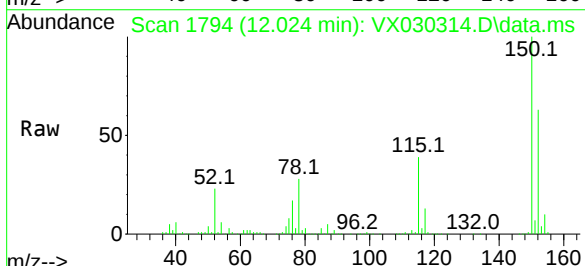
Tgt Ion:152 Resp: 140149

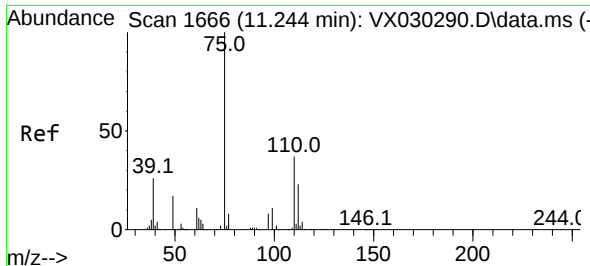
Ion Ratio Lower Upper

152 100

115 61.0 40.5 121.5

150 157.5 0.0 347.0

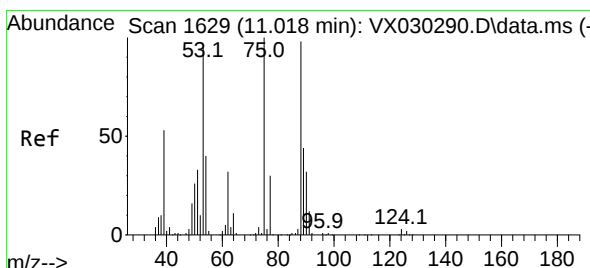
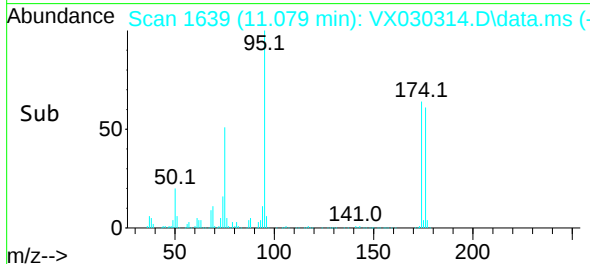
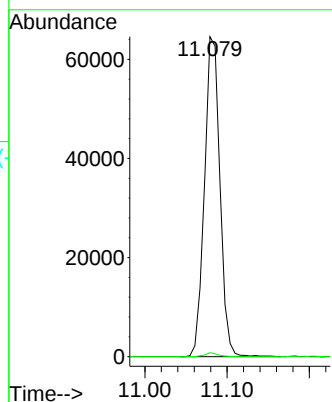
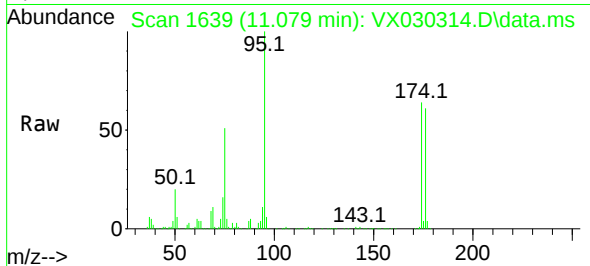




#76
1,2,3-Trichloropropane
Concen: 22.845 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX030314.D
Acq: 01 Aug 2022 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX0801WBL01

Tgt Ion: 75 Resp: 84396
Ion Ratio Lower Upper
75 100
77 1.1 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.534 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.055 min
Lab File: VX030314.D
Acq: 01 Aug 2022 11:44

Tgt Ion: 75 Resp: 84396
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.1 34.8 52.2#

