

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090722\
 Data File : VX031191.D
 Acq On : 08 Sep 2022 05:18
 Operator : JC/MD
 Sample : N4446-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WELL-03

Quant Time: Sep 08 13:58:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 07 23:22:41 2022
 Response via : Initial Calibration

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

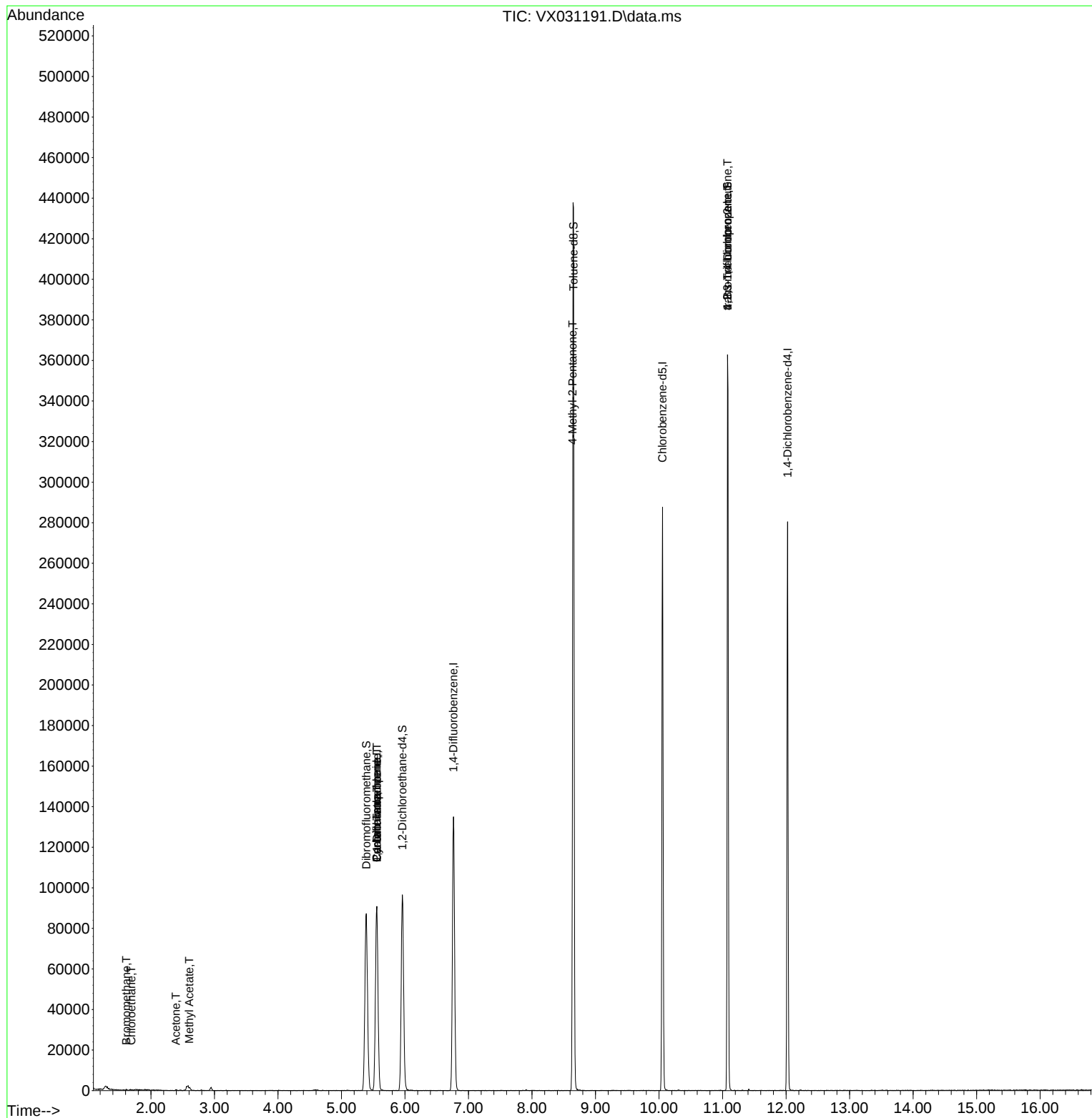
Internal Standards						
1) Pentafluorobenzene	5.556	168	79137	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	131303	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	120354	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	54845	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	105380	56.244	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 112.480%	
35) Dibromofluoromethane	5.391	113	77092	53.879	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.760%	
50) Toluene-d8	8.653	98	261489	50.300	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.600%	
62) 4-Bromofluorobenzene	11.079	95	99751	52.360	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 104.720%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	152	0.206	ug/l	# 30
6) Chloroethane	1.691	64	380	0.587	ug/l	# 41
11) Tert butyl alcohol	2.946	59	885	Below Cal	#	74
16) Acetone	2.392	43	534	0.823	ug/l	# 69
18) Methyl Acetate	2.605	43	499	0.297	ug/l	# 51
31) Cyclohexane	5.556	56	1732	0.827	ug/l	# 1
36) 1,1-Dichloropropene	5.556	75	7148	3.336	ug/l	# 45
38) Carbon Tetrachloride	5.556	117	9222	4.090	ug/l	# 15
51) 4-Methyl-2-Pentanone	8.641	43	1088	0.593	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	57276	38.265	ug/l	# 37
81) trans-1,4-Dichloro-2-b...	11.079	75	57276	123.402	ug/l	# 13

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

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Quant Title : SW846 8260
QLast Update : Wed Sep 07 23:22:41 2022
Response via : Initial Calibration





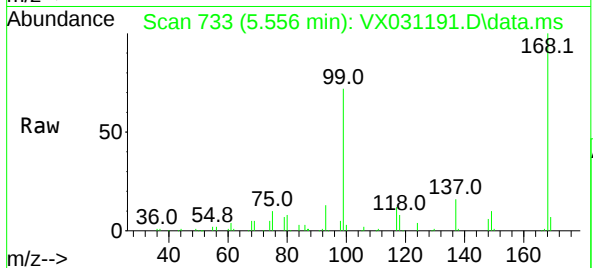
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031191.D
Acq: 08 Sep 2022 05:18

Instrument :

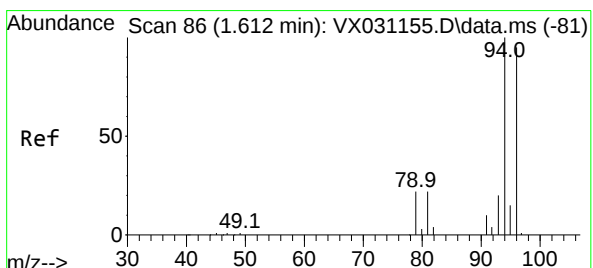
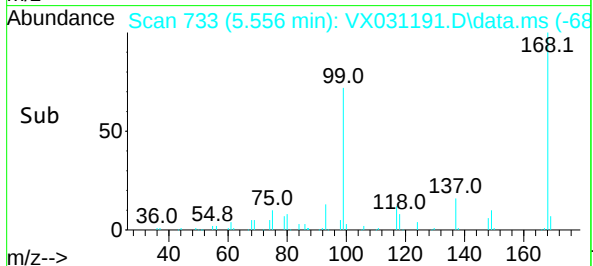
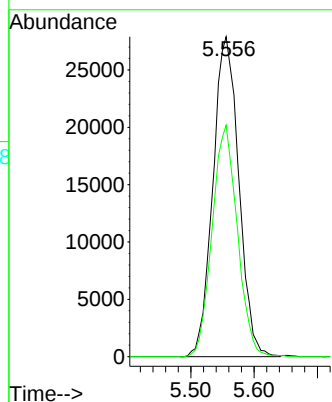
MSVOA_X

ClientSampleId :

WELL-03

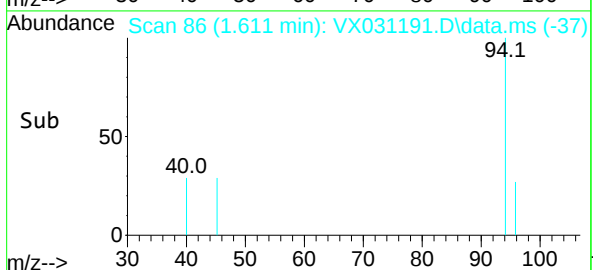
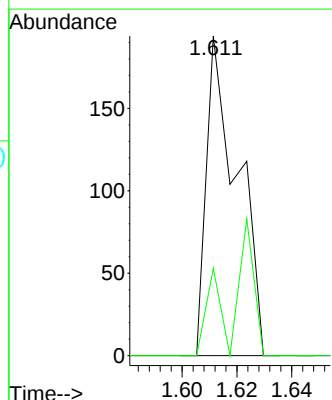
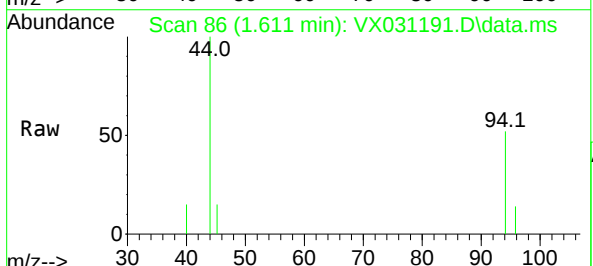


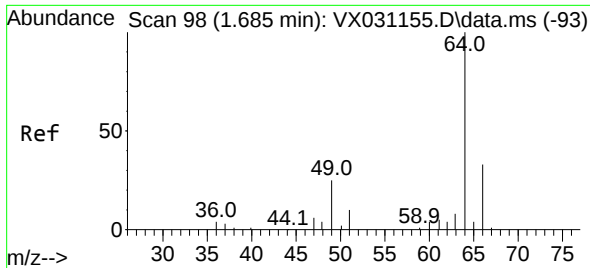
Tgt Ion:168 Resp: 79137
Ion Ratio Lower Upper
168 100
99 72.3 44.0 66.0#



#5
Bromomethane
Concen: 0.206 ug/l
RT: 1.611 min Scan# 86
Delta R.T. -0.000 min
Lab File: VX031191.D
Acq: 08 Sep 2022 05:18

Tgt Ion: 94 Resp: 152
Ion Ratio Lower Upper
94 100
96 27.3 76.9 115.3#

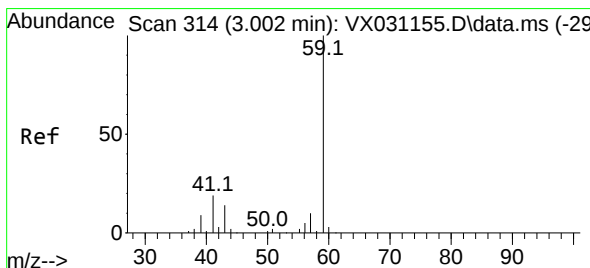
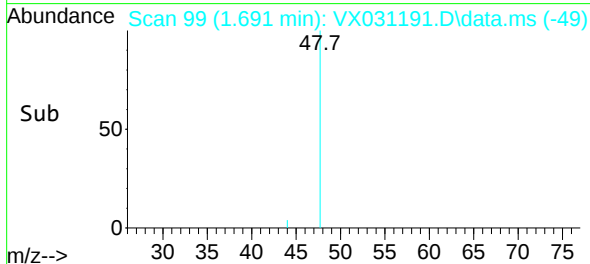
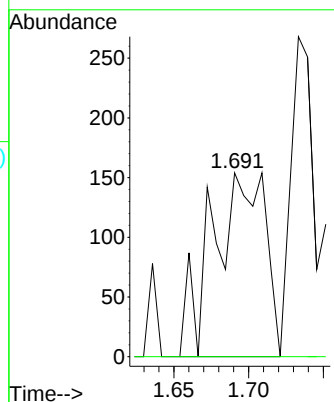
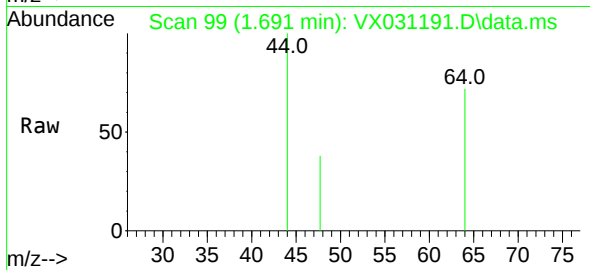




#6
Chloroethane
Concen: 0.587 ug/l
RT: 1.691 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX031191.D
Acq: 08 Sep 2022 05:18

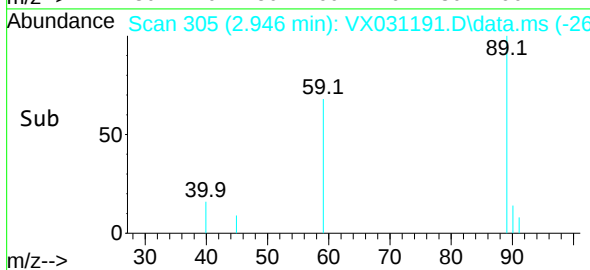
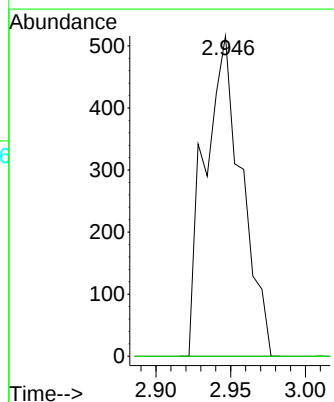
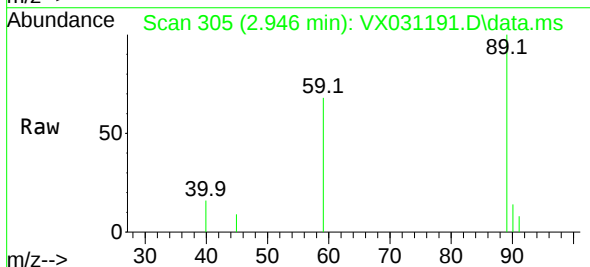
Instrument :
MSVOA_X
ClientSampleId :
WELL-03

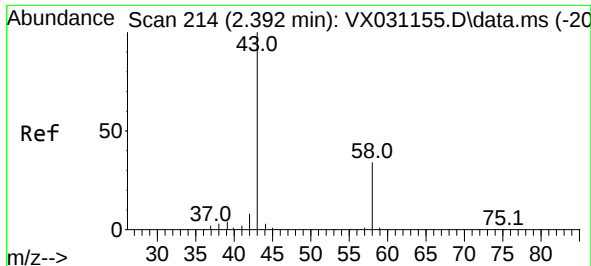
Tgt Ion: 64 Resp: 380
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.946 min Scan# 305
Delta R.T. -0.056 min
Lab File: VX031191.D
Acq: 08 Sep 2022 05:18

Tgt Ion: 59 Resp: 885
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

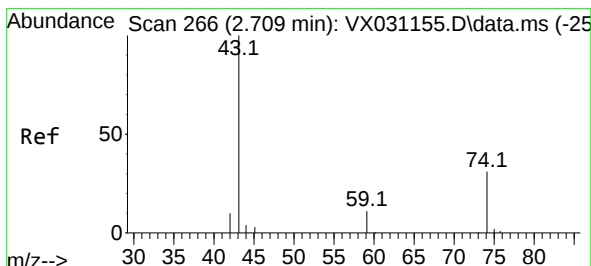
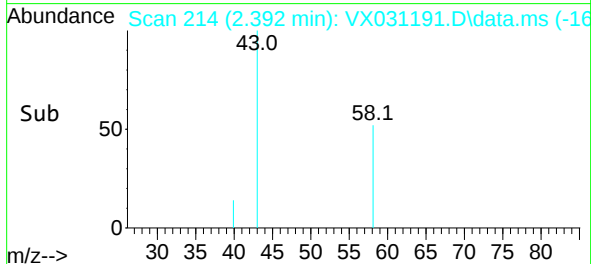
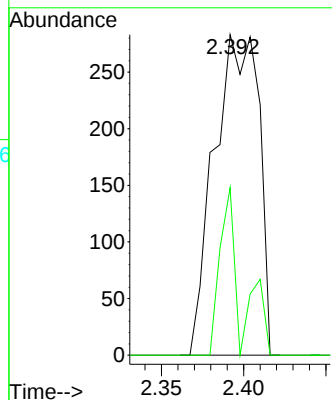
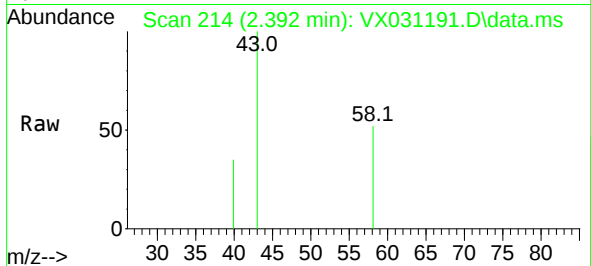




#16
Acetone
Concen: 0.823 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX031191.D
Acq: 08 Sep 2022 05:18

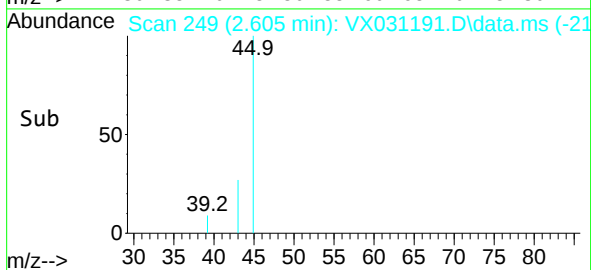
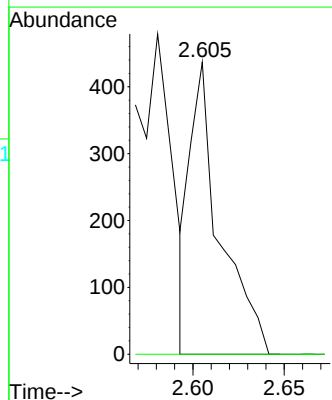
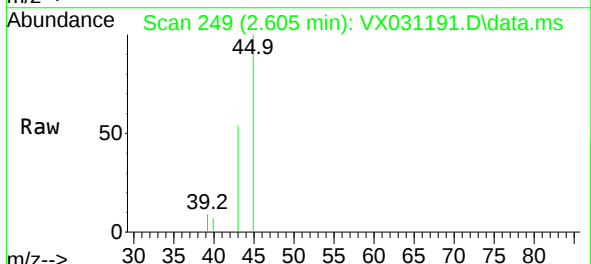
Instrument :
MSVOA_X
ClientSampleId :
WELL-03

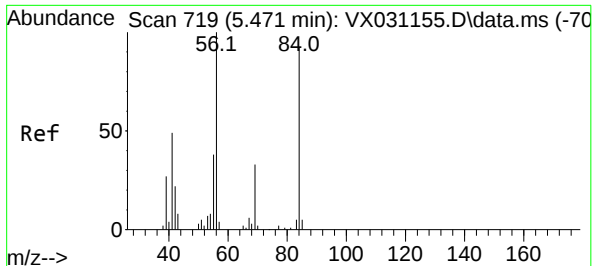
Tgt Ion: 43 Resp: 534
Ion Ratio Lower Upper
43 100
58 52.3 27.7 41.5#



#18
Methyl Acetate
Concen: 0.297 ug/l
RT: 2.605 min Scan# 249
Delta R.T. -0.104 min
Lab File: VX031191.D
Acq: 08 Sep 2022 05:18

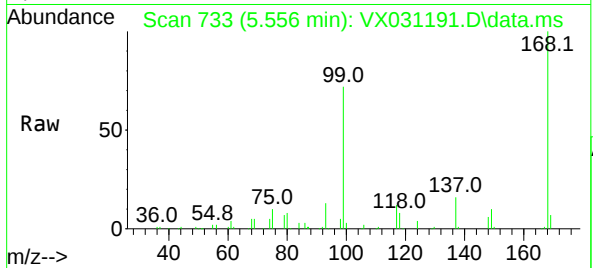
Tgt Ion: 43 Resp: 499
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.2#



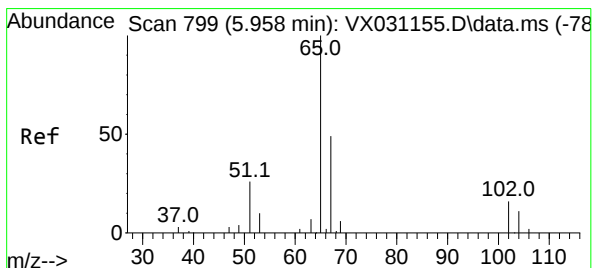
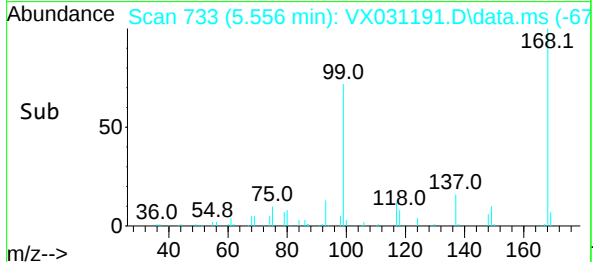
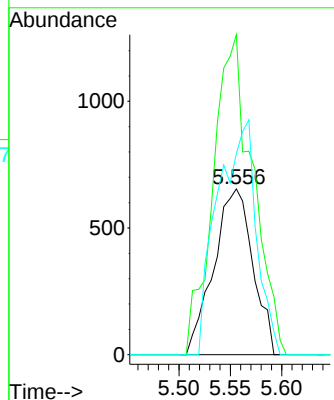


#31
Cyclohexane
Concen: 0.827 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX031191.D
Acq: 08 Sep 2022 05:18

Instrument :
MSVOA_X
ClientSampleId :
WELL-03

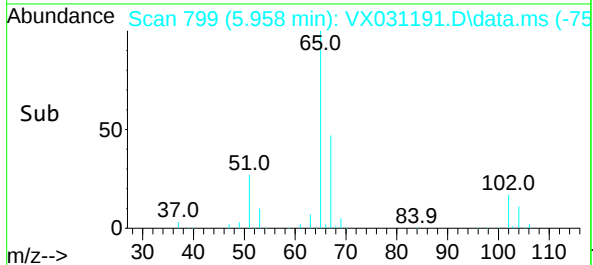
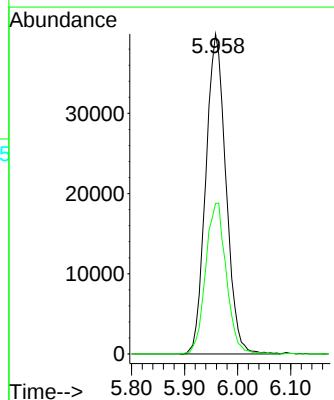
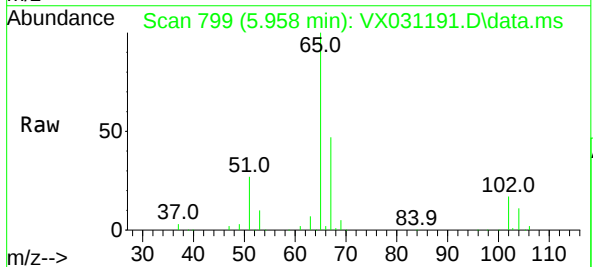


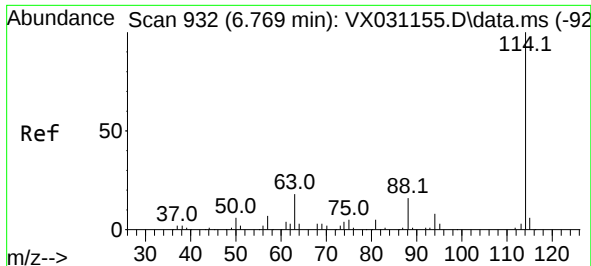
Tgt Ion: 56 Resp: 1732
Ion Ratio Lower Upper
56 100
69 193.1 25.4 38.0#
84 121.3 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 56.244 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX031191.D
Acq: 08 Sep 2022 05:18

Tgt Ion: 65 Resp: 105380
Ion Ratio Lower Upper
65 100
67 48.4 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: VX031191.D

Acq: 08 Sep 2022 05:18

Instrument :

MSVOA_X

ClientSampleId :

WELL-03

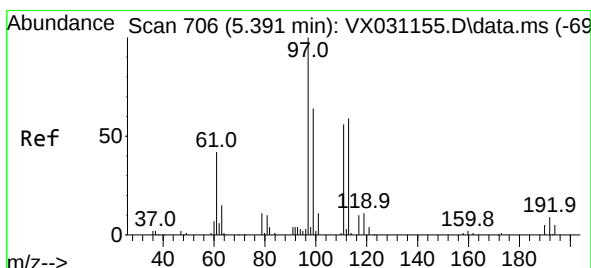
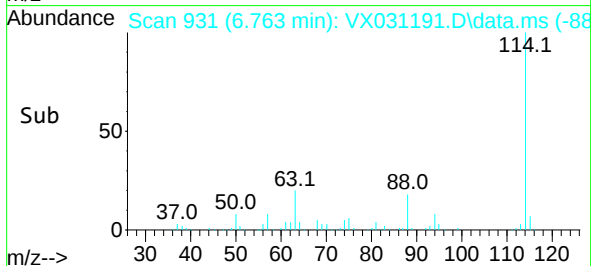
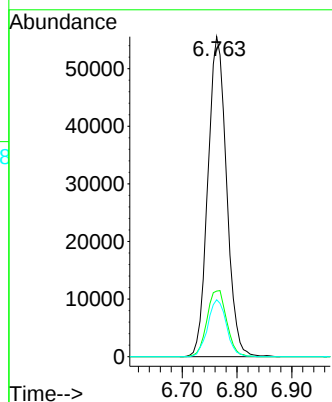
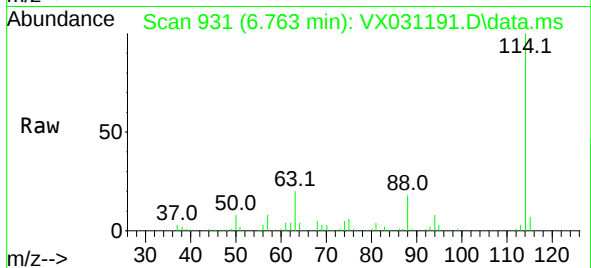
Tgt Ion:114 Resp: 131303

Ion Ratio Lower Upper

114 100

63 20.5 0.0 38.4

88 17.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 53.879 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

Lab File: VX031191.D

Acq: 08 Sep 2022 05:18

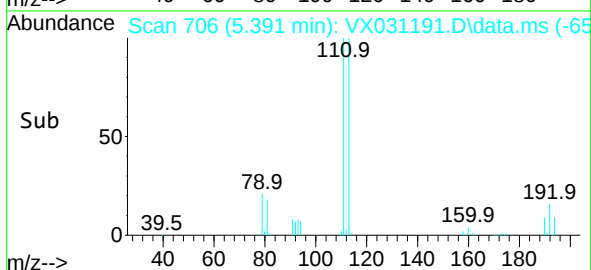
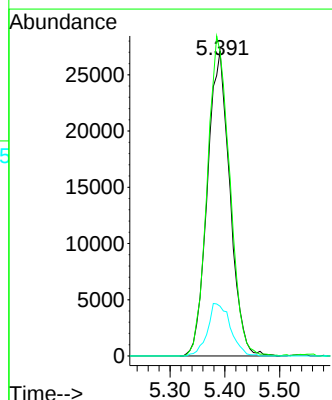
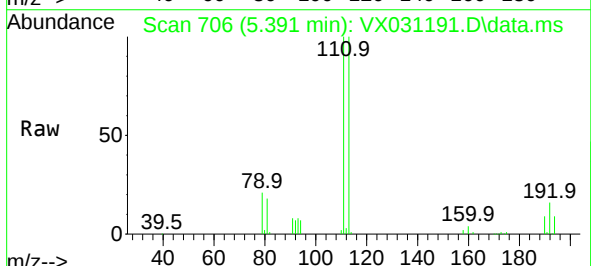
Tgt Ion:113 Resp: 77092

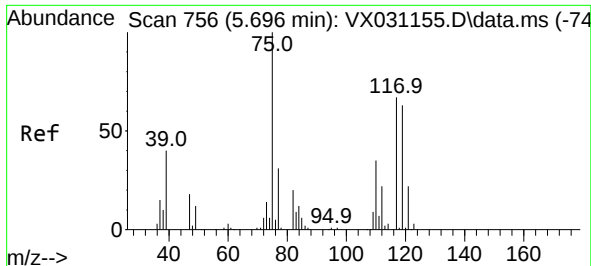
Ion Ratio Lower Upper

113 100

111 105.0 83.2 124.8

192 17.6 14.8 22.2

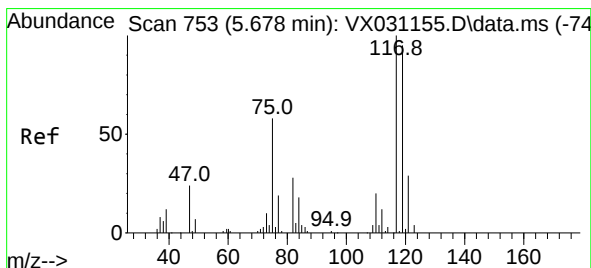
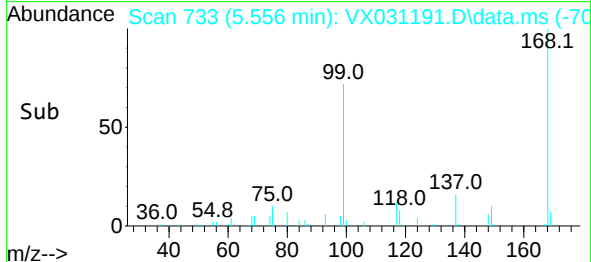
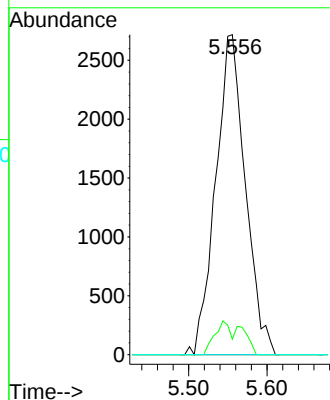
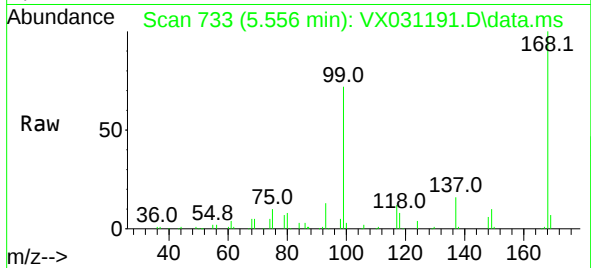




#36
1,1-Dichloropropene
Concen: 3.336 ug/l
RT: 5.556 min Scan# 7148
Delta R.T. -0.140 min
Lab File: VX031191.D
Acq: 08 Sep 2022 05:18

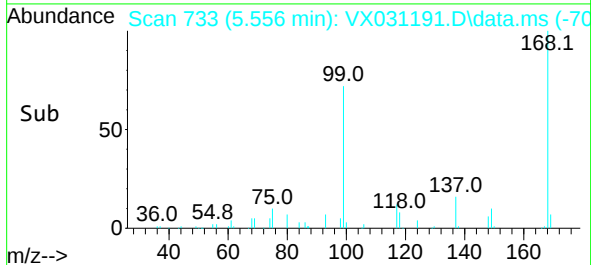
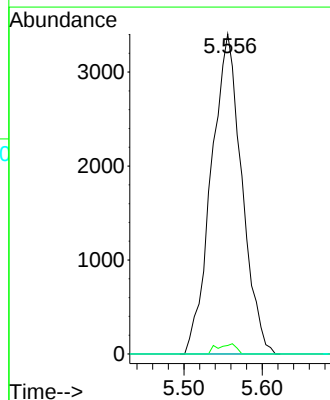
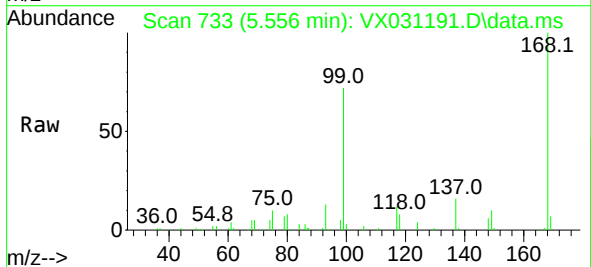
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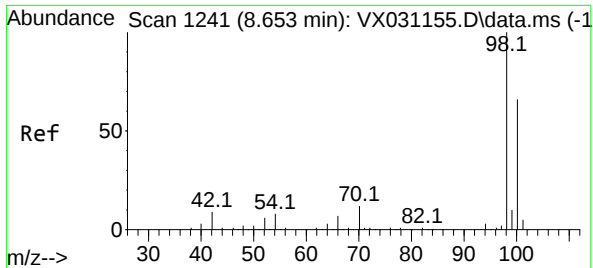
Tgt Ion: 75 Resp: 7148
Ion Ratio Lower Upper
75 100
110 5.7 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 4.090 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX031191.D
Acq: 08 Sep 2022 05:18

Tgt Ion: 117 Resp: 9222
Ion Ratio Lower Upper
117 100
119 2.6 74.1 111.1#
121 0.0 25.8 38.8#

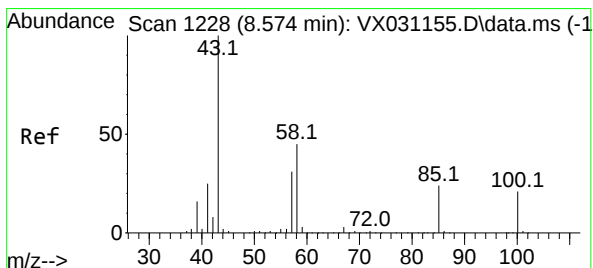
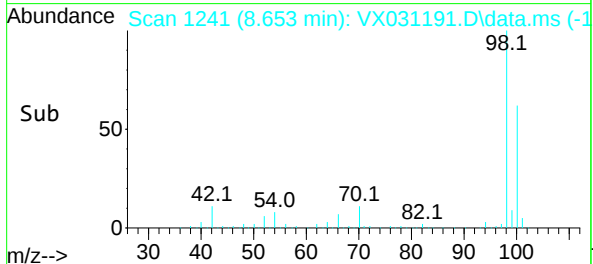
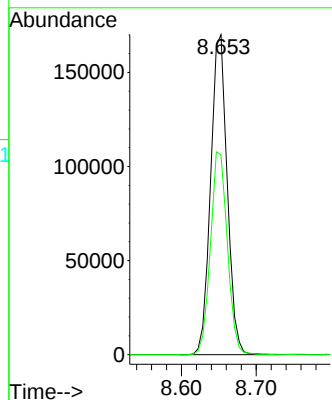
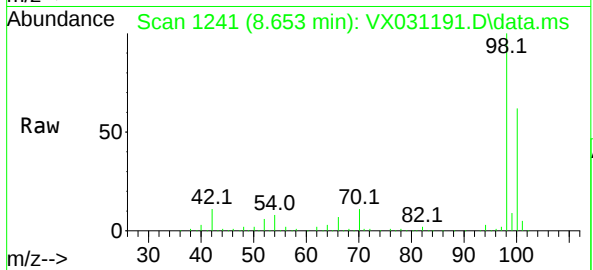




#50
Toluene-d8
Concen: 50.300 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031191.D
Acq: 08 Sep 2022 05:18

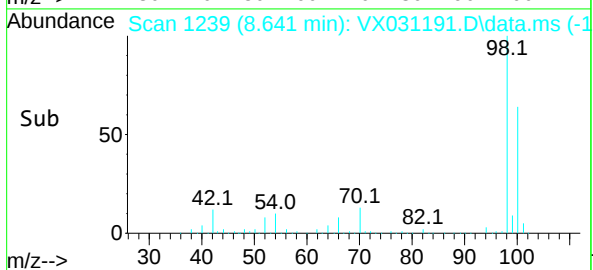
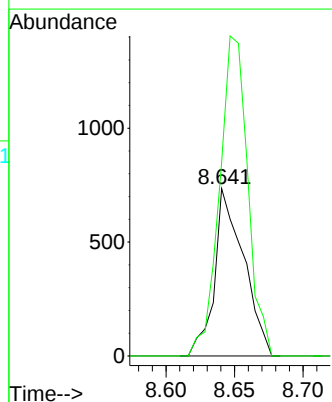
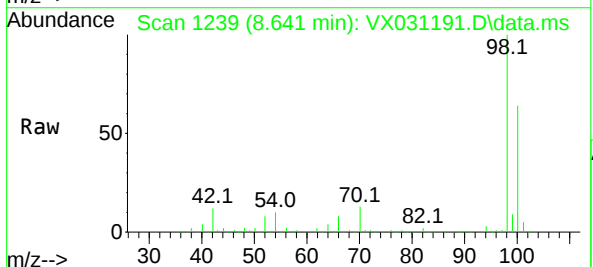
Instrument :
MSVOA_X
ClientSampleId :
WELL-03

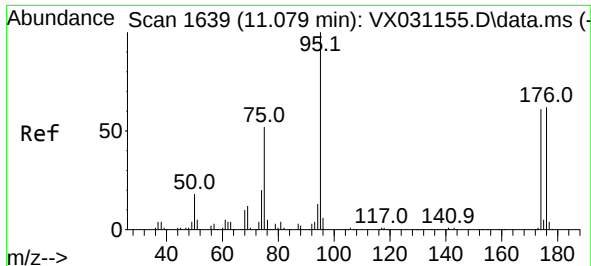
Tgt Ion: 98 Resp: 261489
Ion Ratio Lower Upper
98 100
100 64.7 52.3 78.5



#51
4-Methyl-2-Pentanone
Concen: 0.593 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX031191.D
Acq: 08 Sep 2022 05:18

Tgt Ion: 43 Resp: 1088
Ion Ratio Lower Upper
43 100
58 185.8 31.4 47.2#





#62

4-Bromofluorobenzene

Concen: 52.360 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX031191.D

Acq: 08 Sep 2022 05:18

Instrument :

MSVOA_X

ClientSampleId :

WELL-03

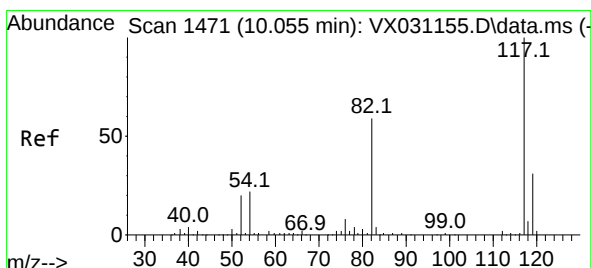
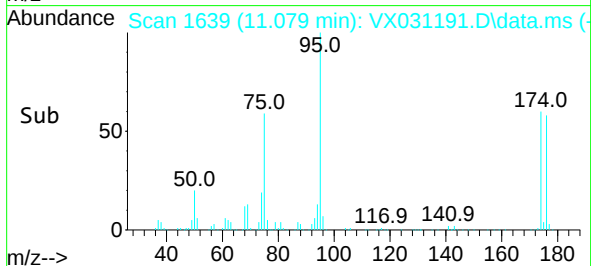
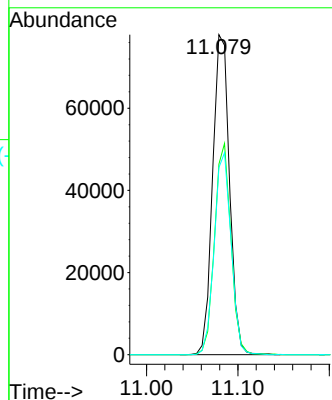
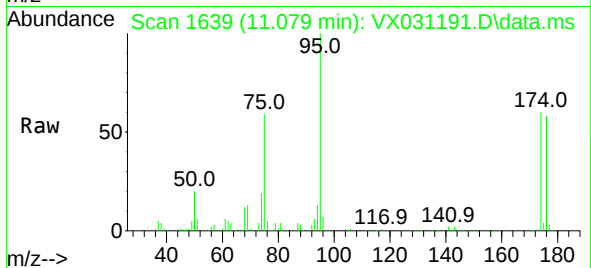
Tgt Ion: 95 Resp: 99751

Ion Ratio Lower Upper

95 100

174 64.3 0.0 149.0

176 63.0 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: VX031191.D

Acq: 08 Sep 2022 05:18

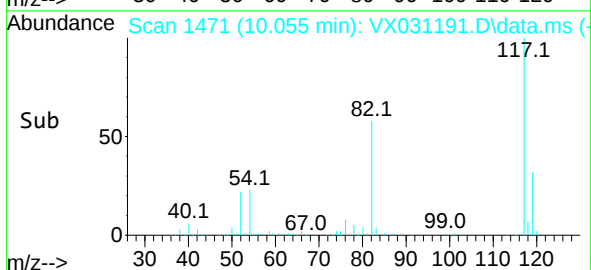
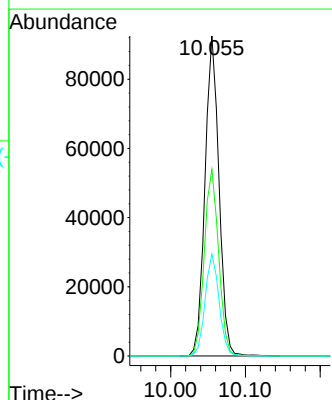
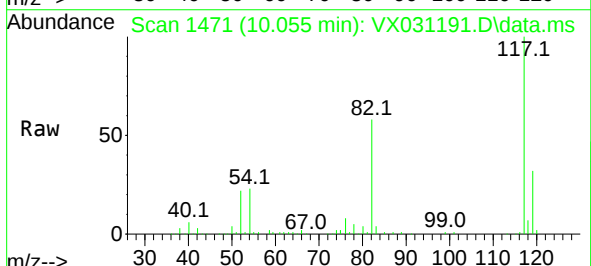
Tgt Ion: 117 Resp: 120354

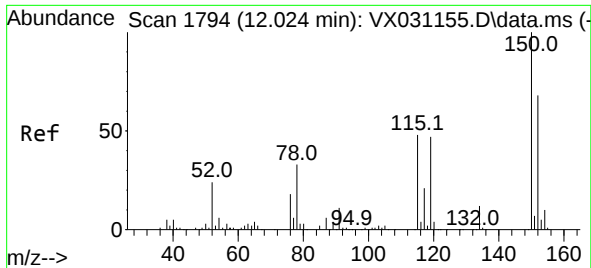
Ion Ratio Lower Upper

117 100

82 58.3 42.7 64.1

119 31.9 25.4 38.2

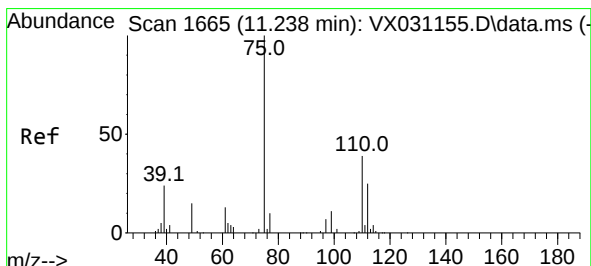
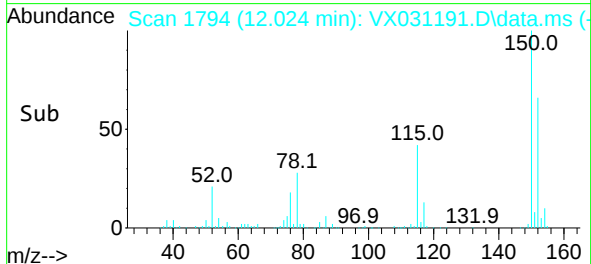
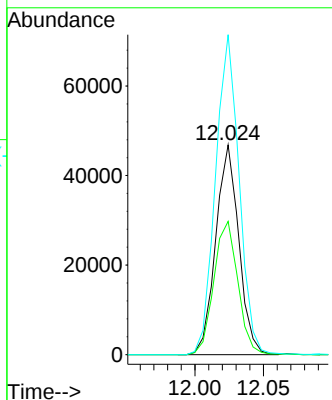
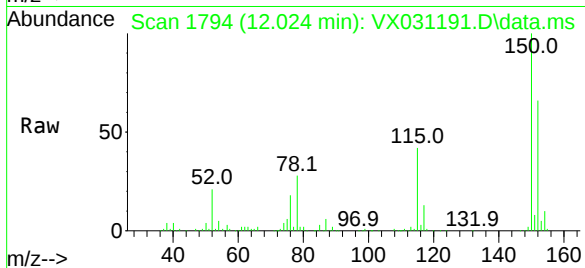




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VX031191.D
 Acq: 08 Sep 2022 05:18

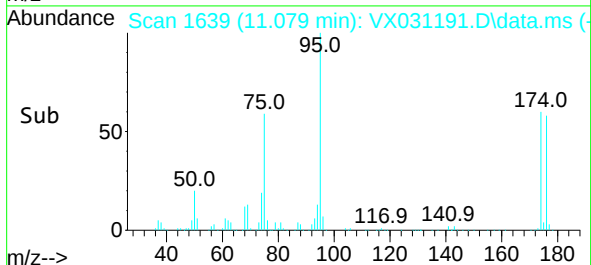
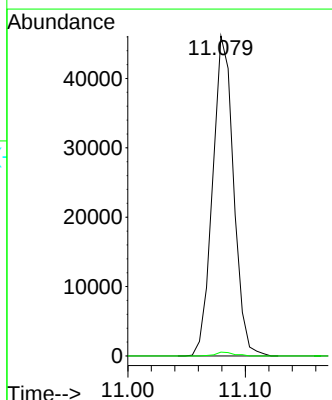
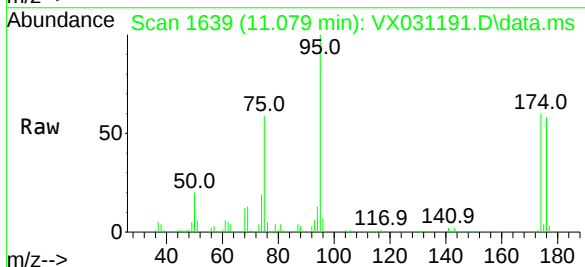
Instrument :
 MSVOA_X
 ClientSampleId :
 WELL-03

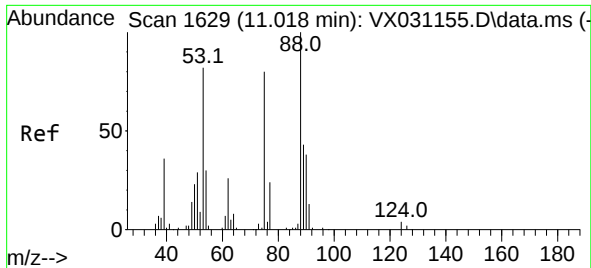
Tgt Ion:152 Resp: 54845
 Ion Ratio Lower Upper
 152 100
 115 66.3 40.5 121.5
 150 156.2 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 38.265 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX031191.D
 Acq: 08 Sep 2022 05:18

Tgt Ion: 75 Resp: 57276
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 123.402 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX031191.D
 Acq: 08 Sep 2022 05:18

Instrument :
 MSVOA_X
 ClientSampleId :
 WELL-03

Tgt Ion: 75 Resp: 57276
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.2 111.4#
 89 0.1 34.8 52.2#

