

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083022\
 Data File : VX030961.D
 Acq On : 31 Aug 2022 00:03
 Operator : JC/MD
 Sample : N4375-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-2

Quant Time: Sep 06 01:21:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X083022W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 30 14:24:53 2022
 Response via : Initial Calibration

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

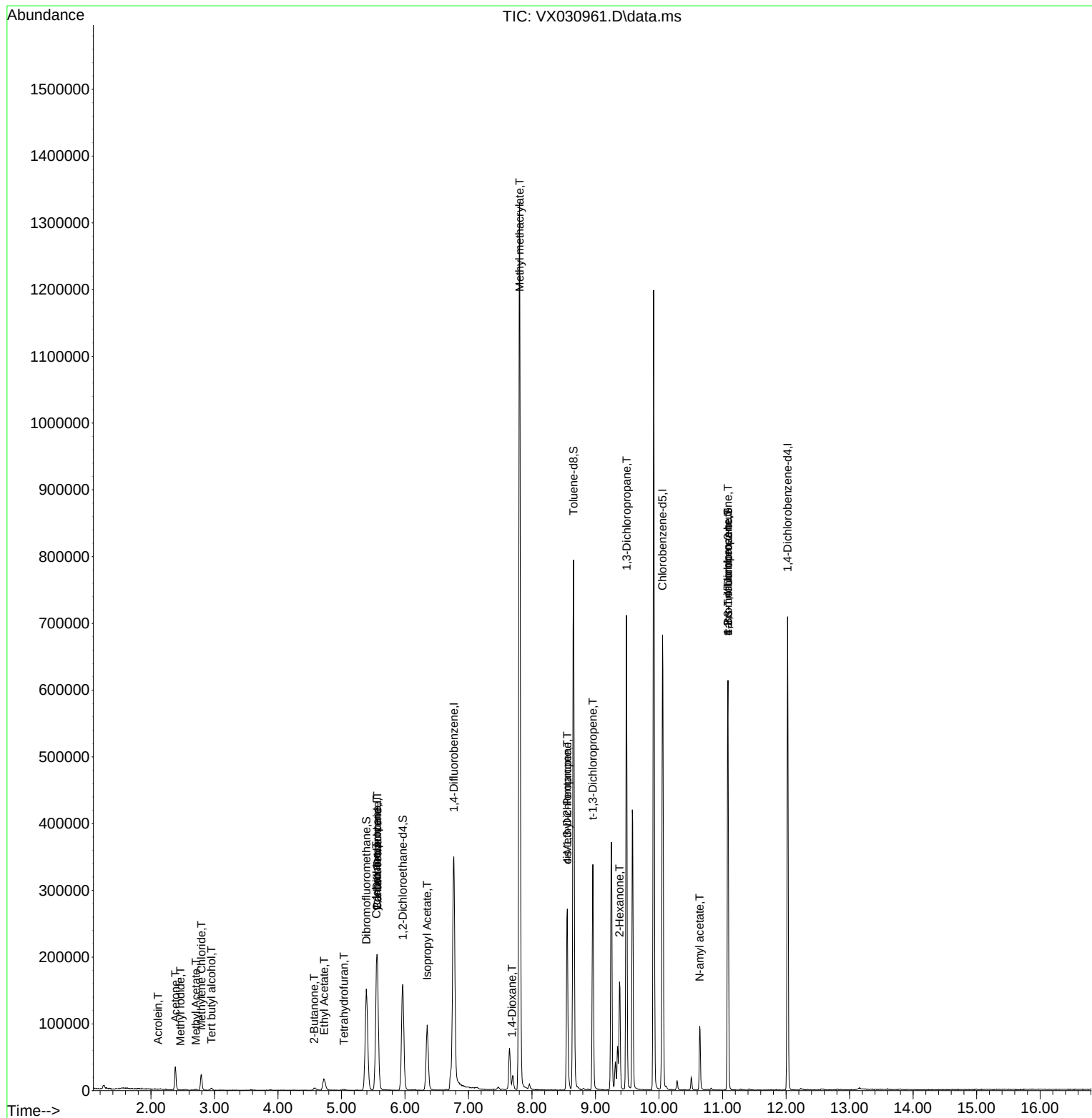
Internal Standards						
1) Pentafluorobenzene	5.562	168	202590	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	362033	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	323592	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	147777	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	152926	52.629	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.260%	
35) Dibromofluoromethane	5.391	113	135033	50.599	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.200%	
50) Toluene-d8	8.653	98	495456	50.131	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.260%	
62) 4-Bromofluorobenzene	11.085	95	164965	46.872	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 93.740%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	258	Below Cal	#	78
10) Methyl Iodide	2.465	142	128	4.427	ug/l #	87
11) Tert butyl alcohol	2.953	59	2080	3.021	ug/l #	74
13) Acrolein	2.111	56	25	7.343	ug/l	89
16) Acetone	2.386	43	36974	28.193	ug/l	99
18) Methyl Acetate	2.709	43	1676	0.436	ug/l	97
20) Methylene Chloride	2.794	84	11489	3.853	ug/l	90
25) 2-Butanone	4.568	43	5182	2.441	ug/l	92
29) Tetrahydrofuran	5.038	42	1169	0.851	ug/l	92
31) Cyclohexane	5.550	56	3618	0.841	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	15192	3.830	ug/l #	49
37) Ethyl Acetate	4.727	43	30215	7.246	ug/l	96
38) Carbon Tetrachloride	5.562	117	20345	5.388	ug/l #	17
43) Isopropyl Acetate	6.348	43	124600	19.256	ug/l	97
48) Methyl methacrylate	7.805	41	106002	32.727	ug/l #	39
49) 1,4-Dioxane	7.684	88	19	0.223	ug/l #	1
51) 4-Methyl-2-Pentanone	8.555	43	90014	21.076	ug/l #	52
53) t-1,3-Dichloropropene	8.958	75	878	0.217	ug/l #	42
54) cis-1,3-Dichloropropene	8.555	75	46235	9.998	ug/l #	58
57) 1,3-Dichloropropane	9.488	76	6652	1.331	ug/l #	43
59) 2-Hexanone	9.378	43	125168	39.412	ug/l #	24
74) N-amyl acetate	10.640	43	23309	5.157	ug/l #	55
76) 1,2,3-Trichloropropane	11.085	75	80060	22.006	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	80060	65.427	ug/l #	13

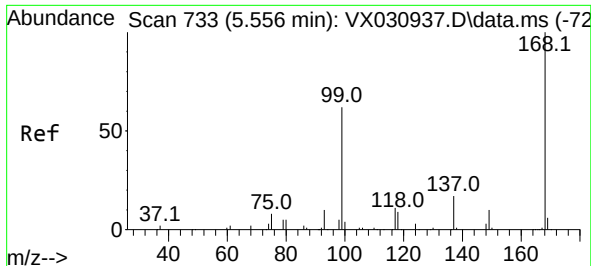
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083022\
Data File : VX030961.D
Acq On : 31 Aug 2022 00:03
Operator : JC/MD
Sample : N4375-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
WC-2

Quant Time: Sep 06 01:21:41 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X083022W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 30 14:24:53 2022
Response via : Initial Calibration

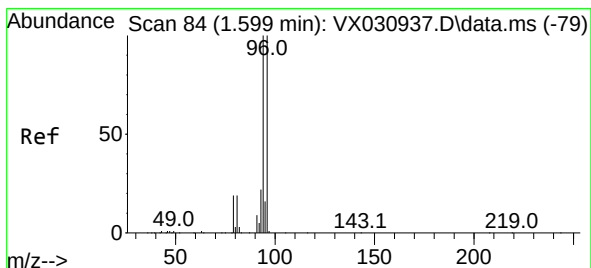
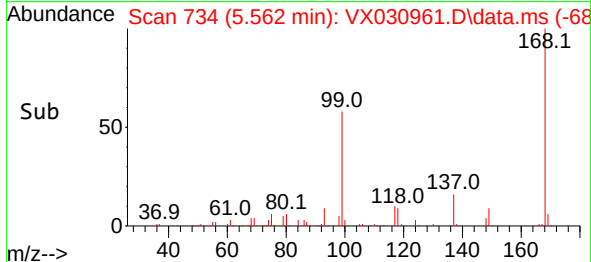
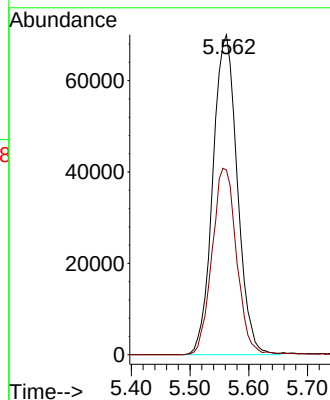
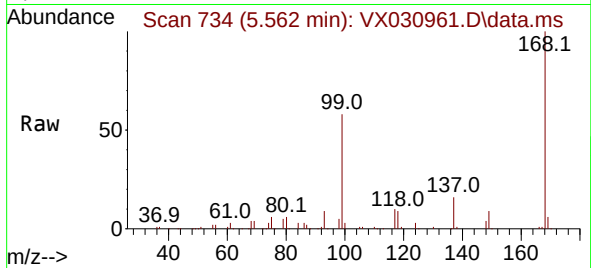




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX030961.D
Acq: 31 Aug 2022 00:03

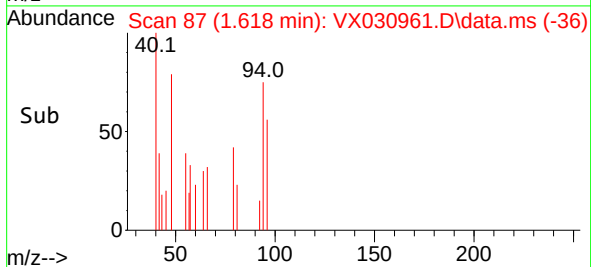
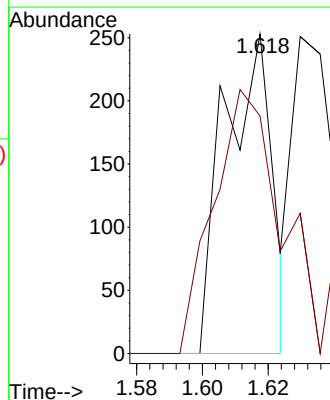
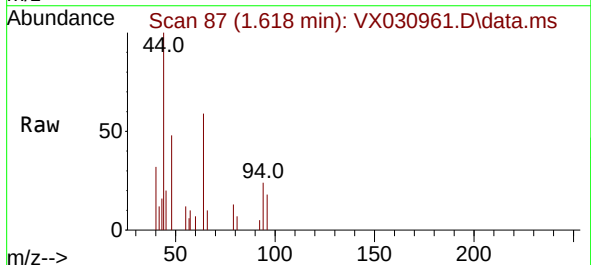
Instrument :
MSVOA_X
ClientSampleId :
WC-2

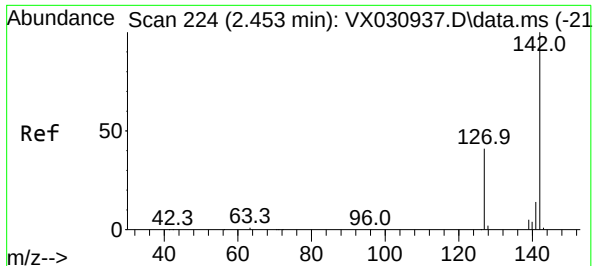
Tgt Ion:168 Resp: 202590
Ion Ratio Lower Upper
168 100
99 57.7 44.0 66.0



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.013 min
Lab File: VX030961.D
Acq: 31 Aug 2022 00:03

Tgt Ion: 94 Resp: 258
Ion Ratio Lower Upper
94 100
96 74.3 76.9 115.3#

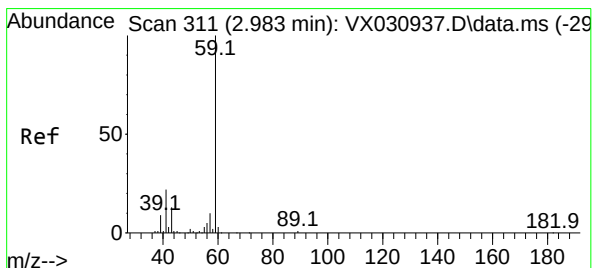
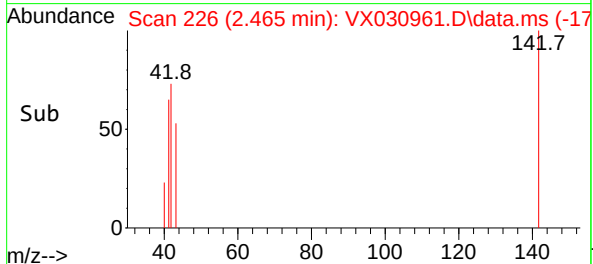
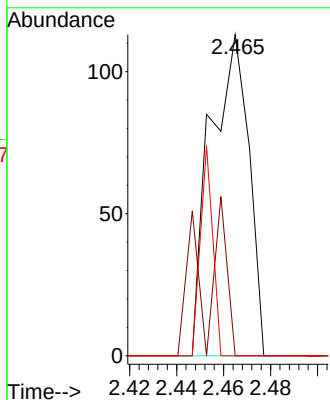
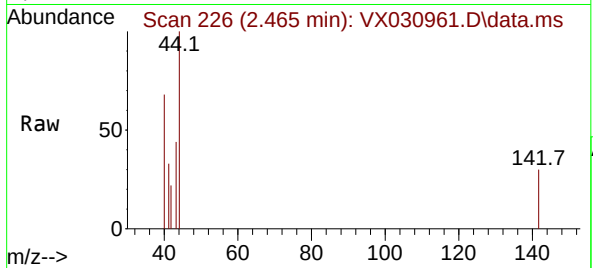




#10
Methyl Iodide
Concen: 4.427 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX030961.D
Acq: 31 Aug 2022 00:03

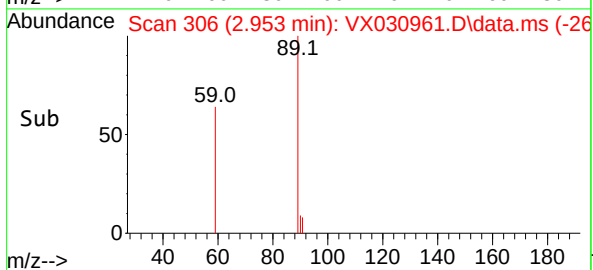
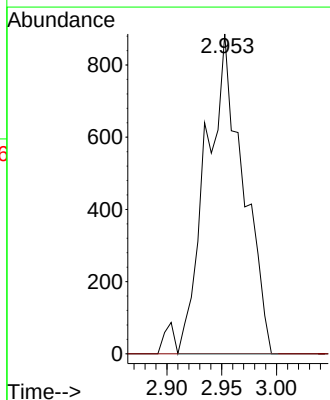
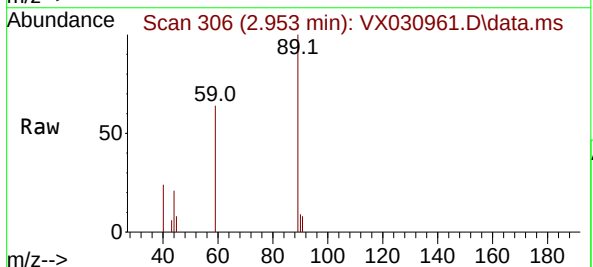
Instrument :
MSVOA_X
ClientSampleId :
WC-2

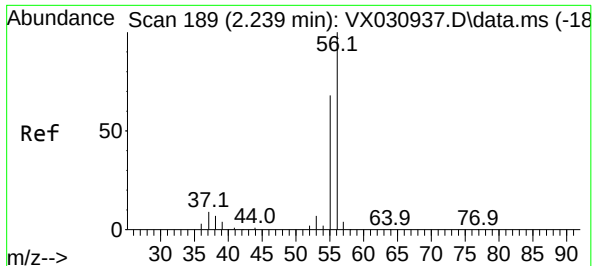
Tgt Ion:142 Resp: 128
Ion Ratio Lower Upper
142 100
127 30.5 30.2 45.2
141 21.1 11.3 16.9#



#11
Tert butyl alcohol
Concen: 3.021 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.036 min
Lab File: VX030961.D
Acq: 31 Aug 2022 00:03

Tgt Ion: 59 Resp: 2080
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

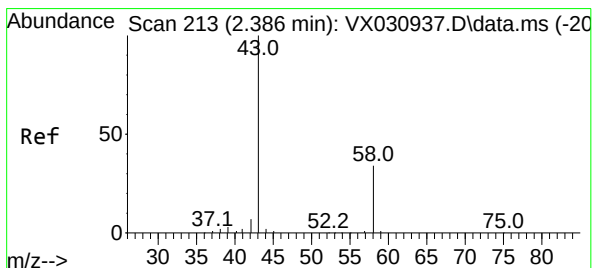
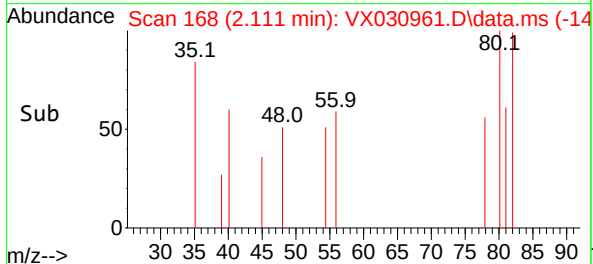
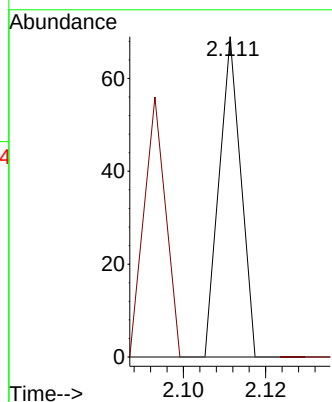
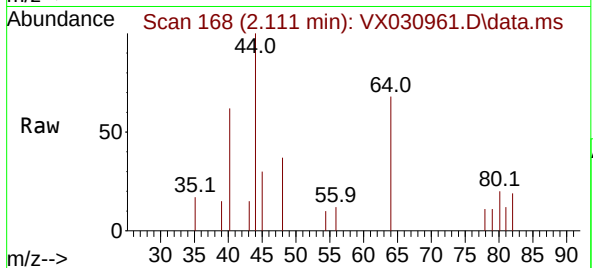




#13
Acrolein
Concen: 7.343 ug/l
RT: 2.111 min Scan# 1
Delta R.T. -0.128 min
Lab File: VX030961.D
Acq: 31 Aug 2022 00:03

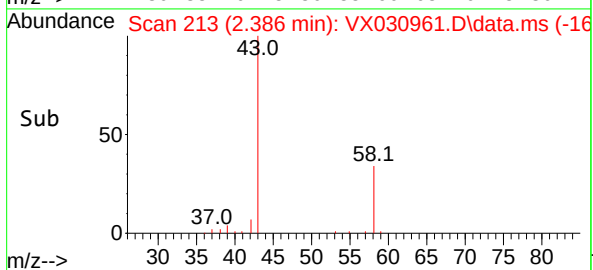
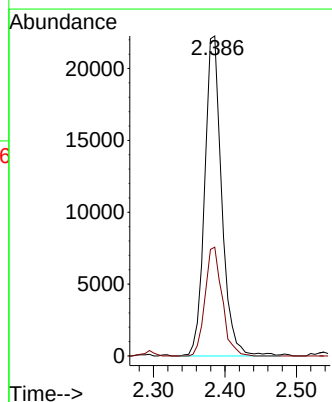
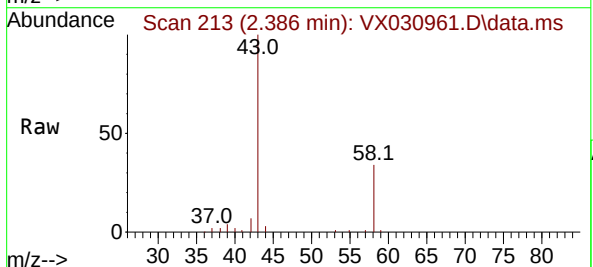
Instrument :
MSVOA_X
ClientSampleId :
WC-2

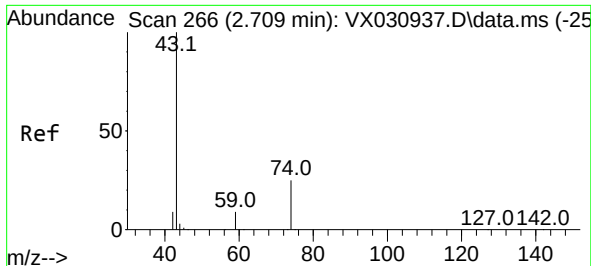
Tgt Ion: 56 Resp: 25
Ion Ratio Lower Upper
56 100
55 80.0 56.6 84.8



#16
Acetone
Concen: 28.193 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX030961.D
Acq: 31 Aug 2022 00:03

Tgt Ion: 43 Resp: 36974
Ion Ratio Lower Upper
43 100
58 34.0 27.7 41.5

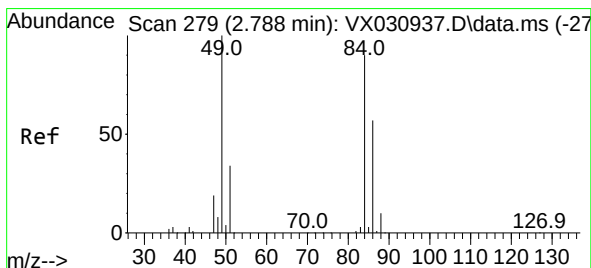
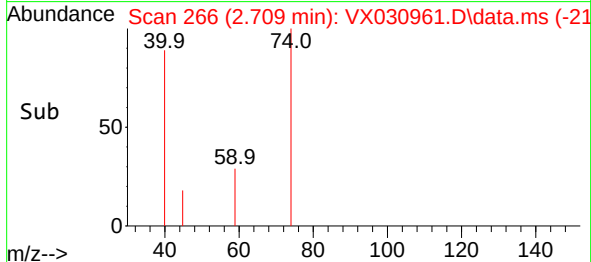
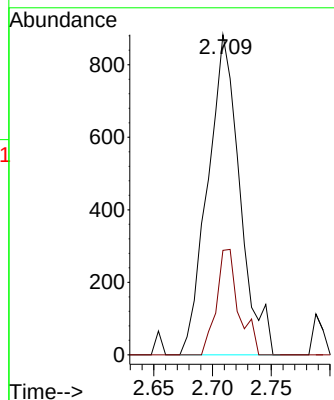
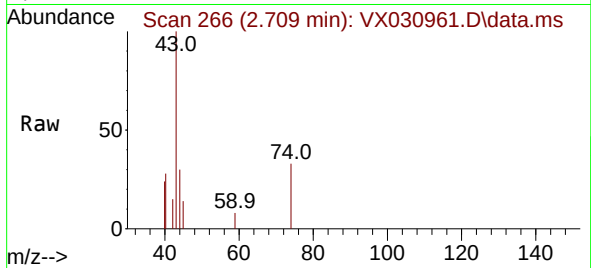




#18
Methyl Acetate
Concen: 0.436 ug/l
RT: 2.709 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX030961.D
Acq: 31 Aug 2022 00:03

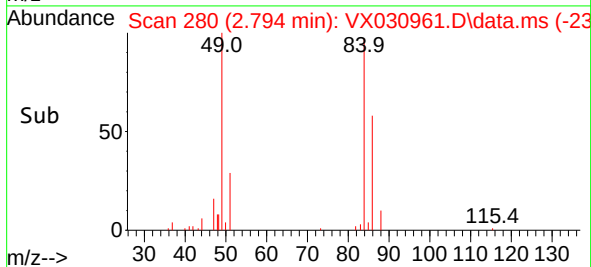
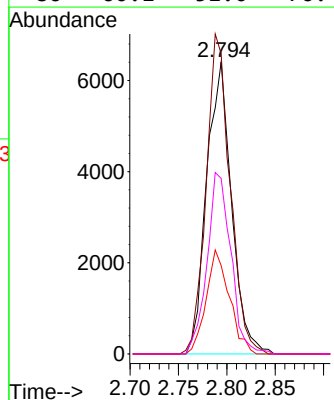
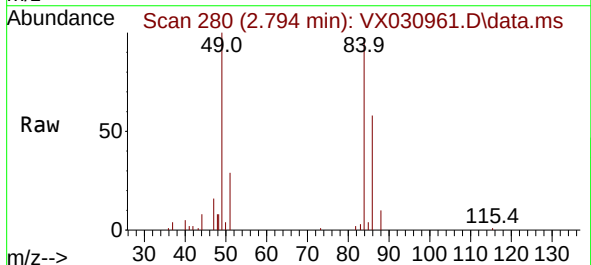
Instrument :
MSVOA_X
ClientSampleId :
WC-2

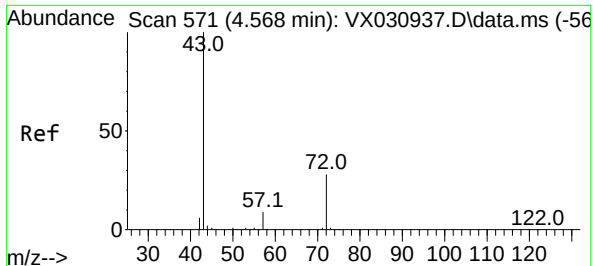
Tgt Ion: 43 Resp: 1676
Ion Ratio Lower Upper
43 100
74 22.9 19.4 29.2



#20
Methylene Chloride
Concen: 3.853 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX030961.D
Acq: 31 Aug 2022 00:03

Tgt Ion: 84 Resp: 11489
Ion Ratio Lower Upper
84 100
49 102.8 93.8 140.6
51 30.2 29.4 44.0
86 60.1 51.0 76.4





#25

2-Butanone

Concen: 2.441 ug/l

RT: 4.568 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX030961.D

Acq: 31 Aug 2022 00:03

Instrument :

MSVOA_X

ClientSampleId :

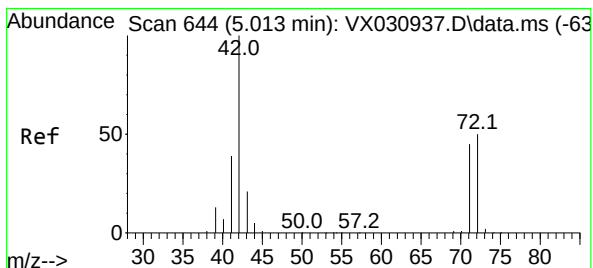
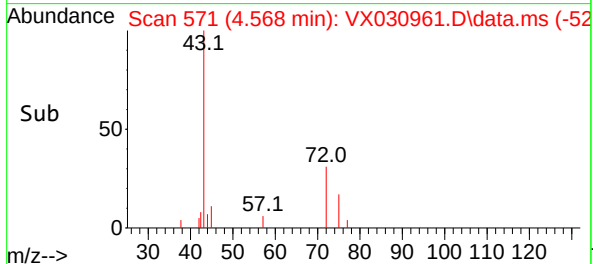
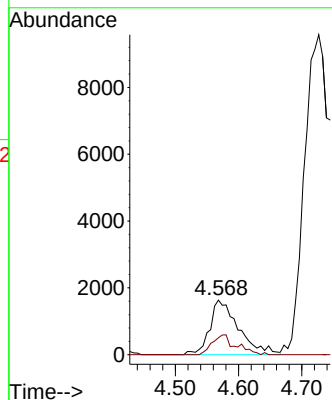
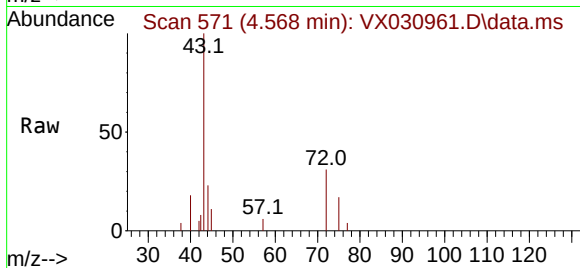
WC-2

Tgt Ion: 43 Resp: 5182

Ion Ratio Lower Upper

43 100

72 31.2 21.7 32.5



#29

Tetrahydrofuran

Concen: 0.851 ug/l

RT: 5.038 min Scan# 648

Delta R.T. 0.025 min

Lab File: VX030961.D

Acq: 31 Aug 2022 00:03

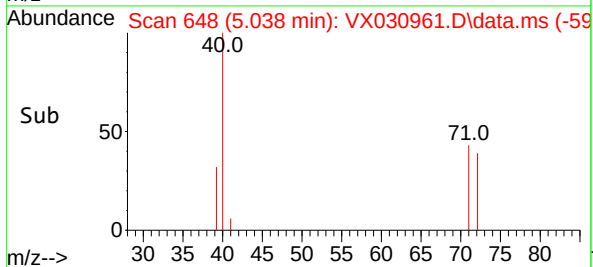
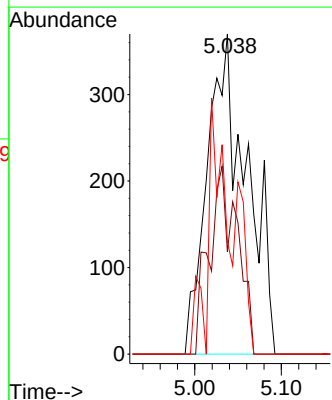
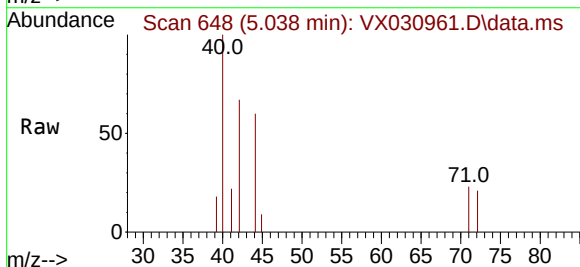
Tgt Ion: 42 Resp: 1169

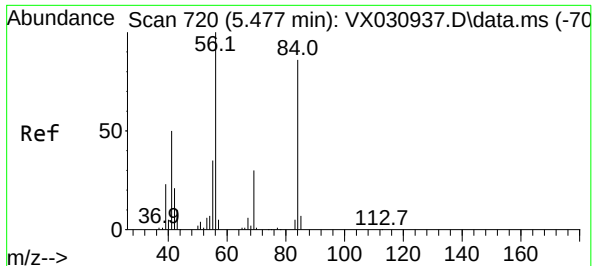
Ion Ratio Lower Upper

42 100

72 42.3 36.5 54.7

71 35.0 33.9 50.9

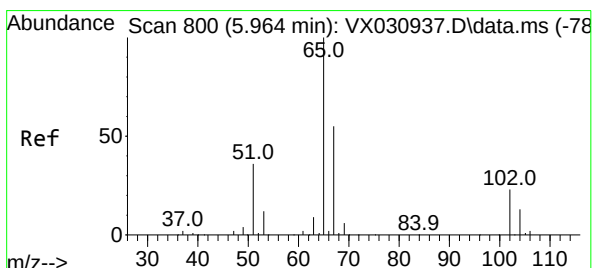
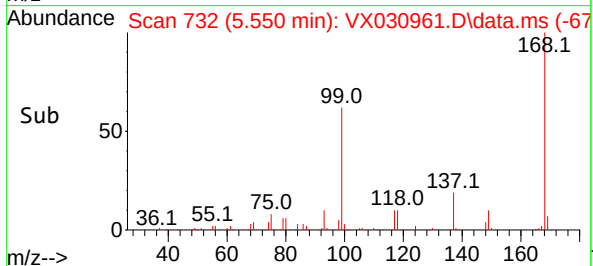
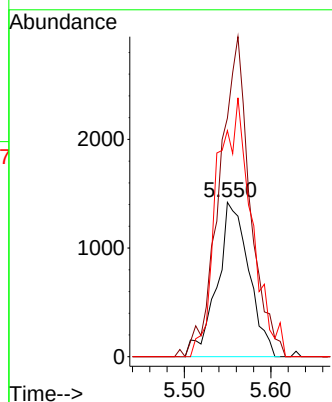
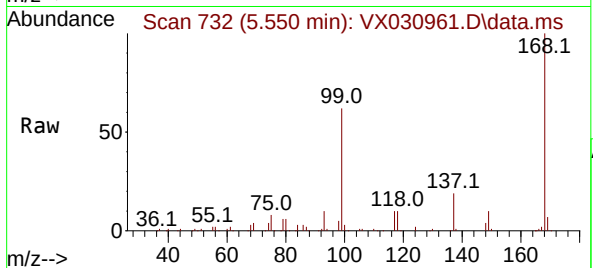




#31
Cyclohexane
Concen: 0.841 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.073 min
Lab File: VX030961.D
Acq: 31 Aug 2022 00:03

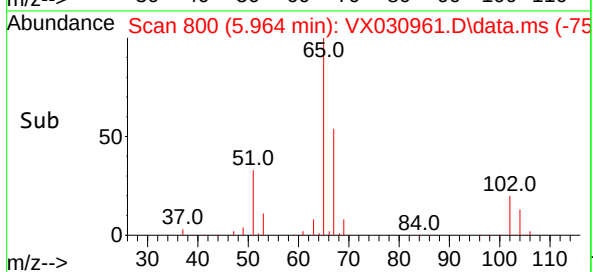
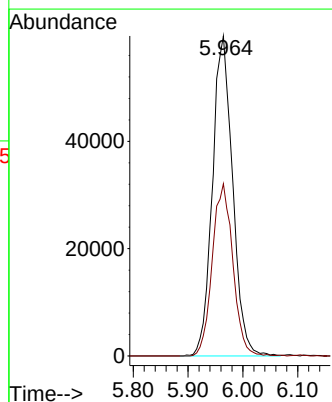
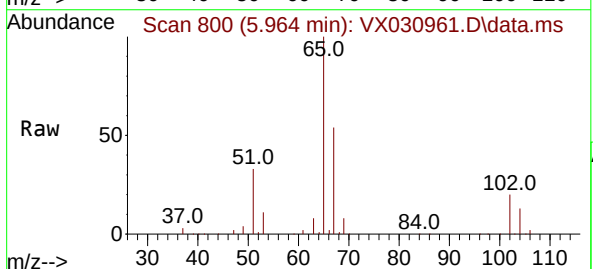
Instrument :
MSVOA_X
ClientSampleId :
WC-2

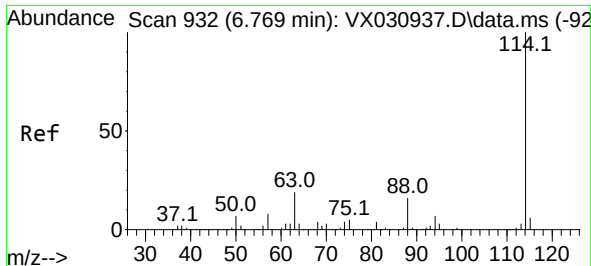
Tgt Ion: 56 Resp: 3618
Ion Ratio Lower Upper
56 100
69 149.8 25.4 38.0#
84 146.4 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 52.629 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX030961.D
Acq: 31 Aug 2022 00:03

Tgt Ion: 65 Resp: 152926
Ion Ratio Lower Upper
65 100
67 54.6 0.0 109.6

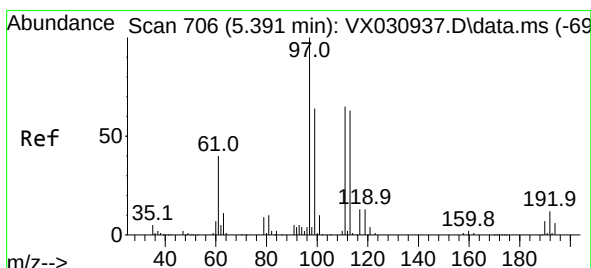
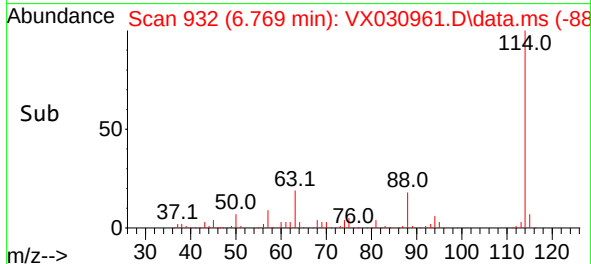
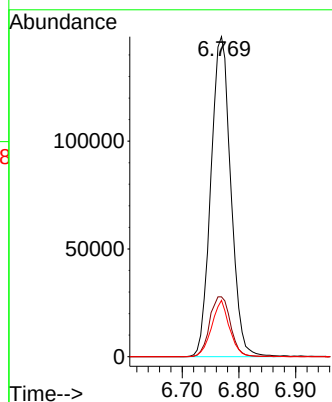
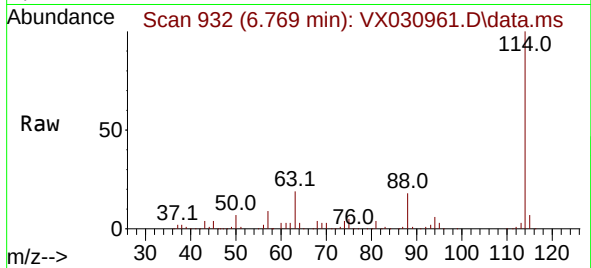




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX030961.D
Acq: 31 Aug 2022 00:03

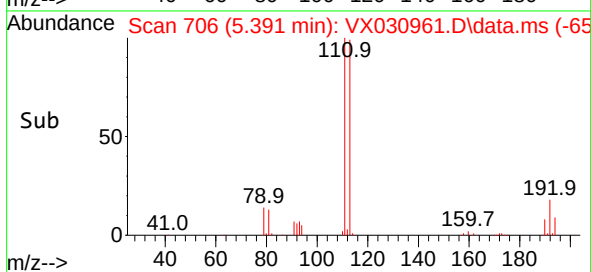
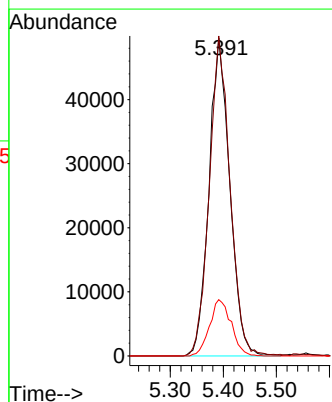
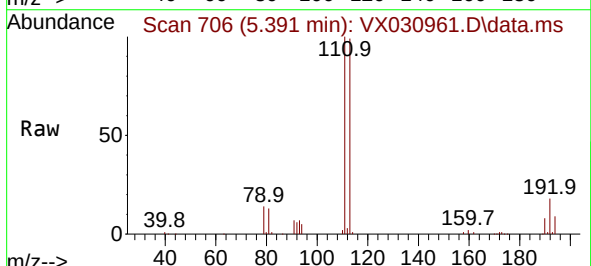
Instrument :
MSVOA_X
ClientSampleId :
WC-2

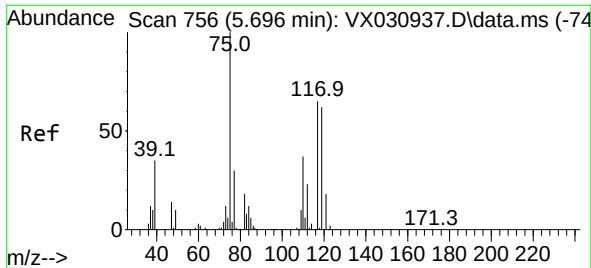
Tgt Ion:114 Resp: 362033
Ion Ratio Lower Upper
114 100
63 18.7 0.0 38.4
88 17.6 0.0 31.8



#35
Dibromofluoromethane
Concen: 50.599 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030961.D
Acq: 31 Aug 2022 00:03

Tgt Ion:113 Resp: 135033
Ion Ratio Lower Upper
113 100
111 100.7 83.2 124.8
192 18.5 14.8 22.2

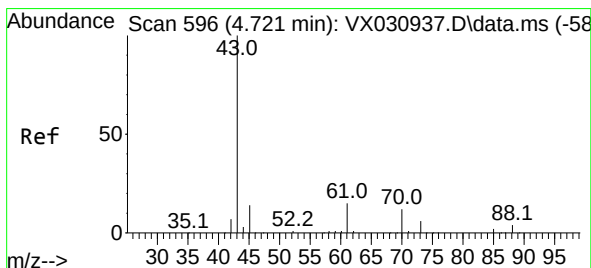
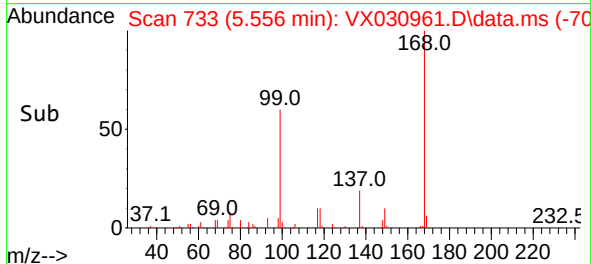
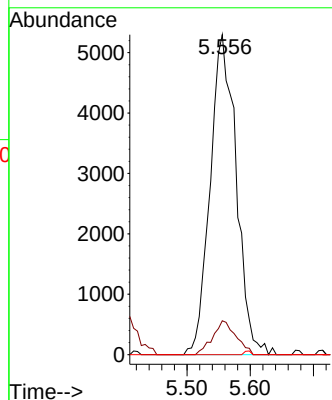
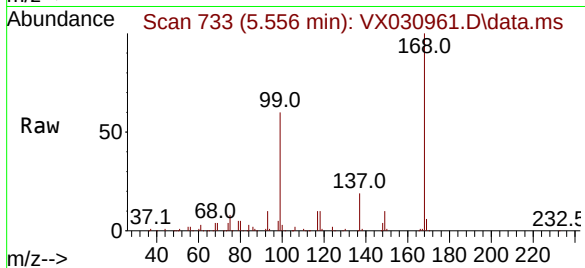




#36
1,1-Dichloropropene
Concen: 3.830 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX030961.D
Acq: 31 Aug 2022 00:03

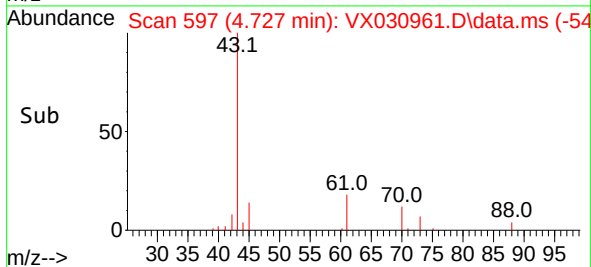
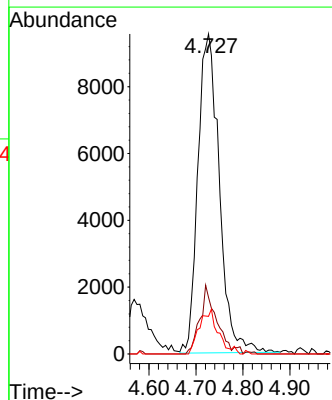
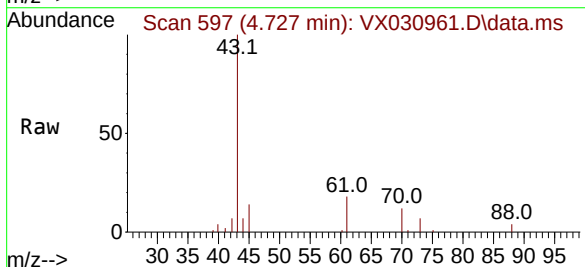
Instrument :
MSVOA_X
ClientSampleId :
WC-2

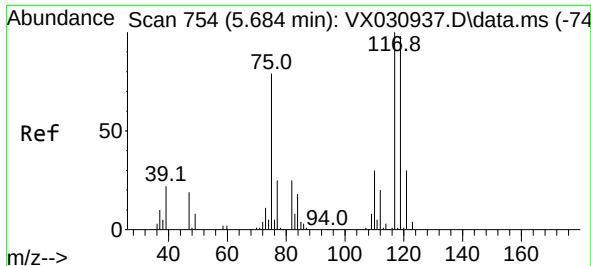
Tgt Ion: 75 Resp: 15192
Ion Ratio Lower Upper
75 100
110 9.4 19.3 57.9#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 7.246 ug/l
RT: 4.727 min Scan# 597
Delta R.T. 0.006 min
Lab File: VX030961.D
Acq: 31 Aug 2022 00:03

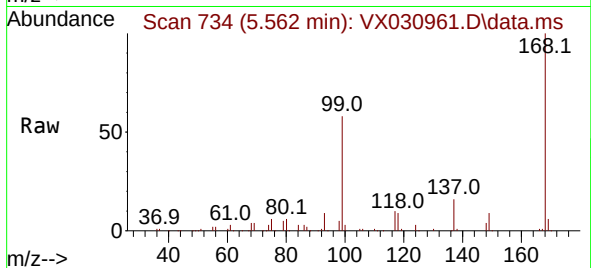
Tgt Ion: 43 Resp: 30215
Ion Ratio Lower Upper
43 100
61 17.1 11.7 17.5
70 12.3 9.3 13.9



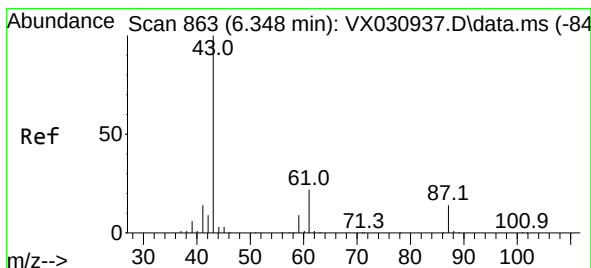
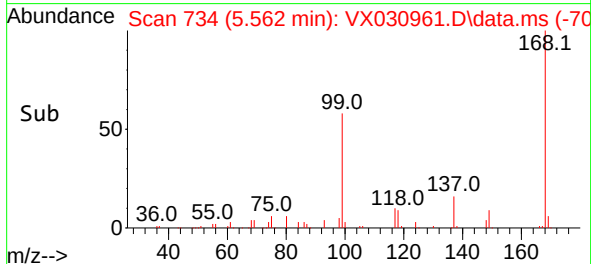
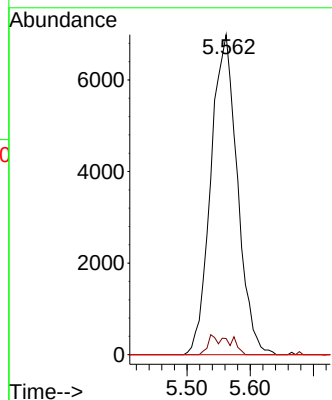


#38
Carbon Tetrachloride
Concen: 5.388 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX030961.D
Acq: 31 Aug 2022 00:03

Instrument :
MSVOA_X
ClientSampleId :
WC-2

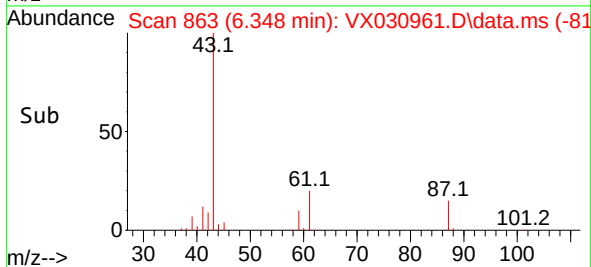
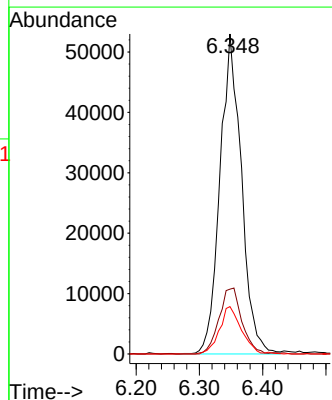
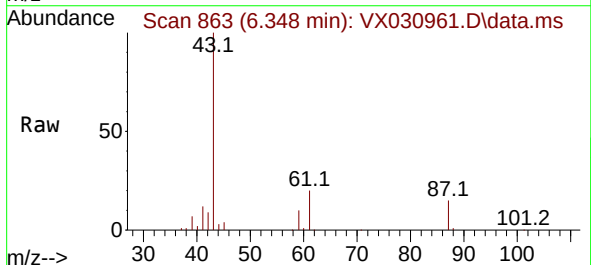


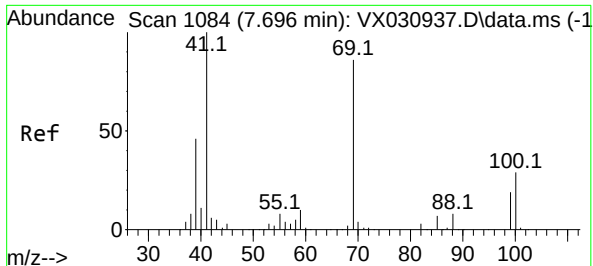
Tgt Ion:117 Resp: 20345
Ion Ratio Lower Upper
117 100
119 5.0 74.1 111.1#
121 0.0 25.8 38.8#



#43
Isopropyl Acetate
Concen: 19.256 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX030961.D
Acq: 31 Aug 2022 00:03

Tgt Ion: 43 Resp: 124600
Ion Ratio Lower Upper
43 100
61 21.8 16.5 24.7
87 14.9 11.1 16.7





#48

Methyl methacrylate

Concen: 32.727 ug/l

RT: 7.805 min Scan# 1102

Delta R.T. 0.109 min

Lab File: VX030961.D

Acq: 31 Aug 2022 00:03

Instrument :

MSVOA_X

ClientSampleId :

WC-2

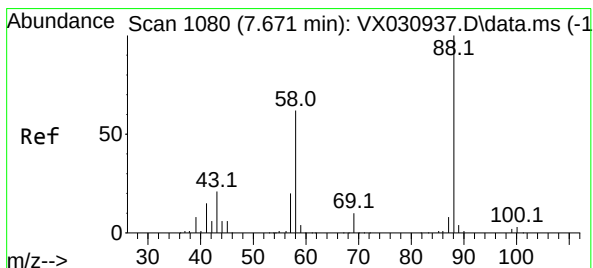
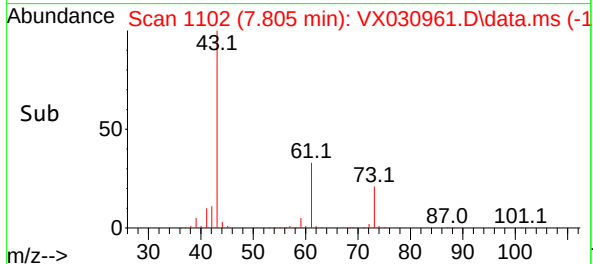
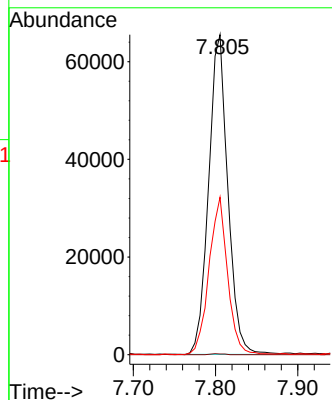
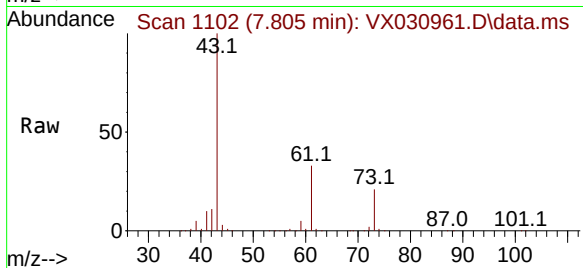
Tgt Ion: 41 Resp: 106002

Ion Ratio Lower Upper

41 100

69 0.2 68.8 103.2#

39 47.9 44.6 66.8



#49

1,4-Dioxane

Concen: 0.223 ug/l

RT: 7.684 min Scan# 1082

Delta R.T. 0.007 min

Lab File: VX030961.D

Acq: 31 Aug 2022 00:03

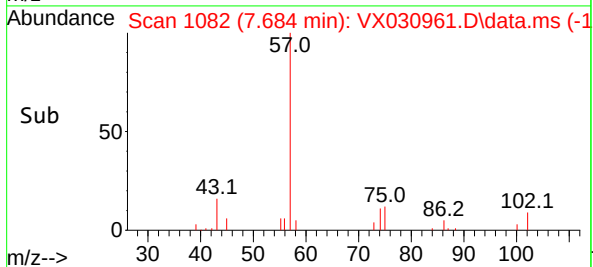
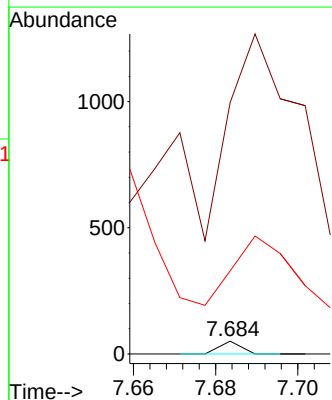
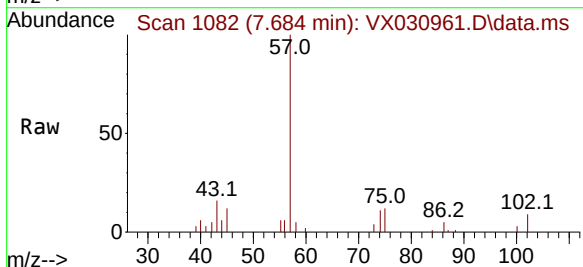
Tgt Ion: 88 Resp: 19

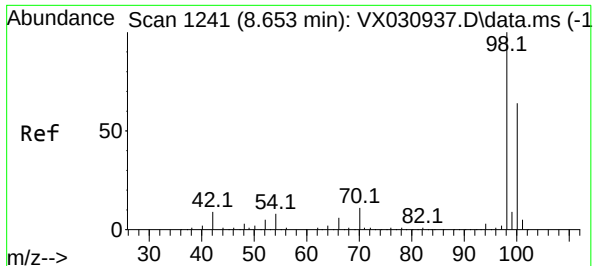
Ion Ratio Lower Upper

88 100

43 0.0 23.8 35.8#

58 3736.8 53.8 80.6#

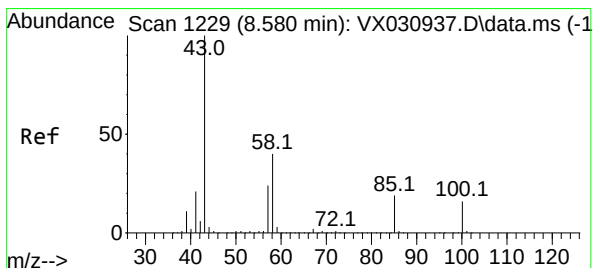
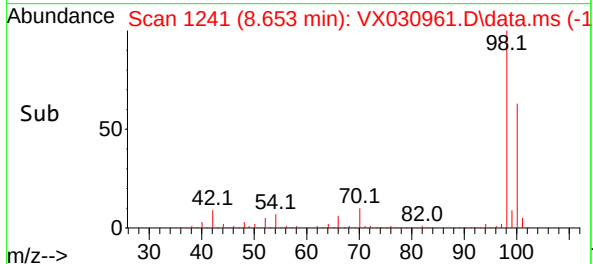
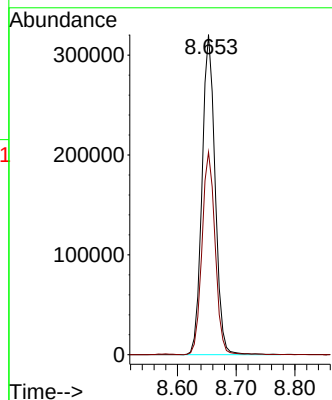
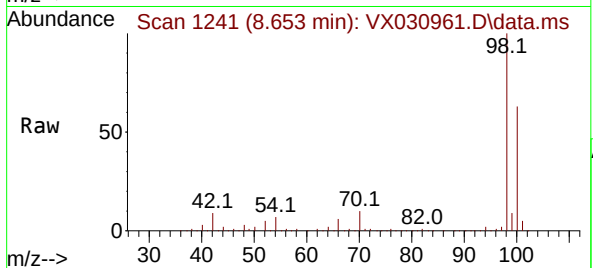




#50
Toluene-d8
Concen: 50.131 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX030961.D
Acq: 31 Aug 2022 00:03

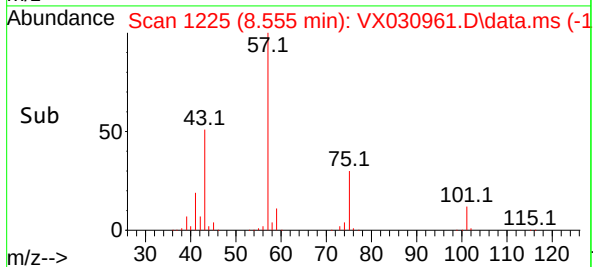
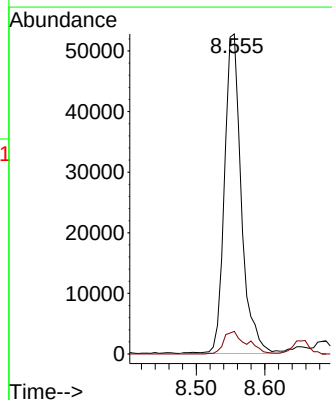
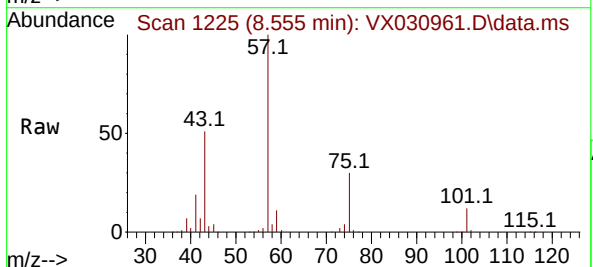
Instrument :
MSVOA_X
ClientSampleId :
WC-2

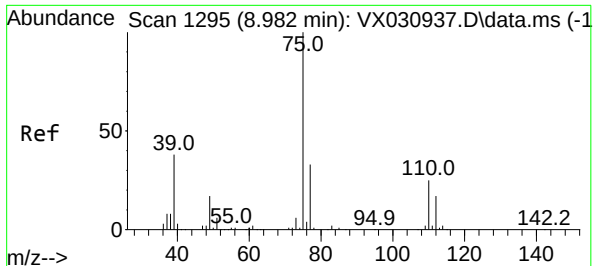
Tgt Ion: 98 Resp: 495456
Ion Ratio Lower Upper
98 100
100 63.8 52.3 78.5



#51
4-Methyl-2-Pentanone
Concen: 21.076 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX030961.D
Acq: 31 Aug 2022 00:03

Tgt Ion: 43 Resp: 90014
Ion Ratio Lower Upper
43 100
58 9.6 31.4 47.2#





#53

t-1,3-Dichloropropene

Concen: 0.217 ug/l

RT: 8.958 min Scan# 11

Delta R.T. -0.024 min

Lab File: VX030961.D

Acq: 31 Aug 2022 00:03

Instrument :

MSVOA_X

ClientSampleId :

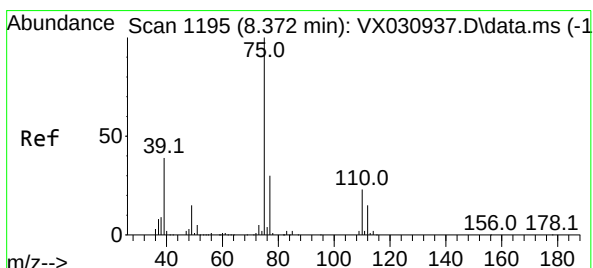
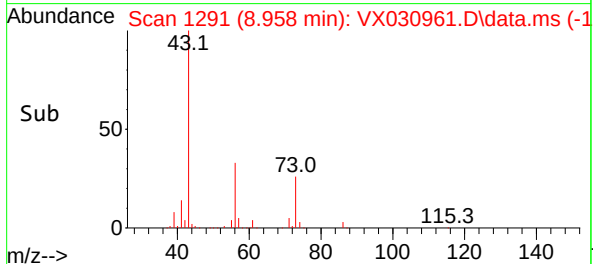
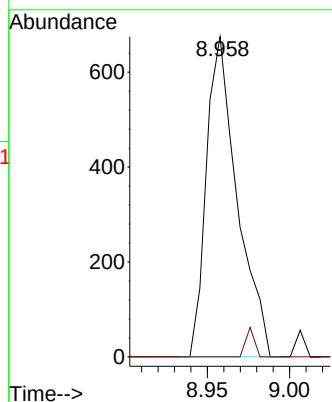
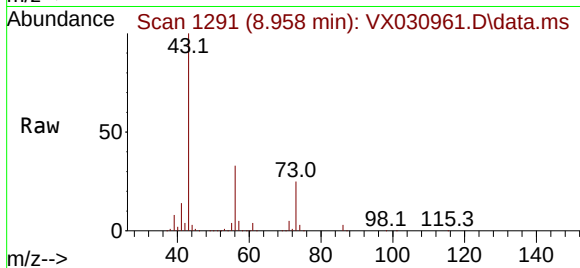
WC-2

Tgt Ion: 75 Resp: 878

Ion Ratio Lower Upper

75 100

77 0.0 26.3 39.5#



#54

cis-1,3-Dichloropropene

Concen: 9.998 ug/l

RT: 8.555 min Scan# 1225

Delta R.T. 0.183 min

Lab File: VX030961.D

Acq: 31 Aug 2022 00:03

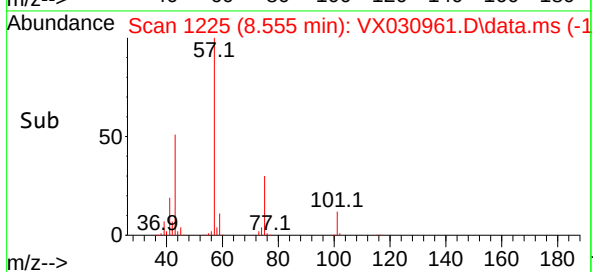
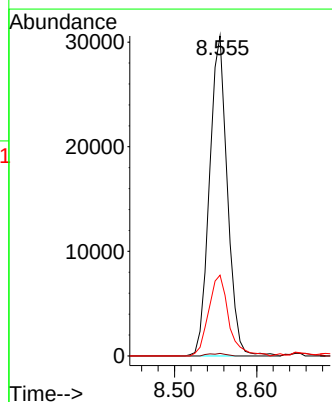
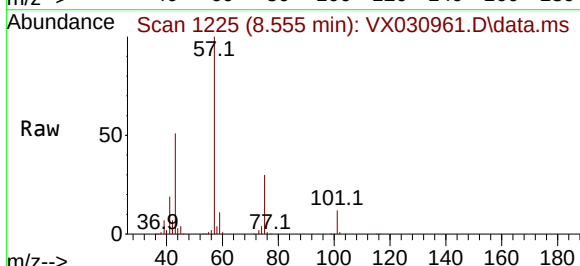
Tgt Ion: 75 Resp: 46235

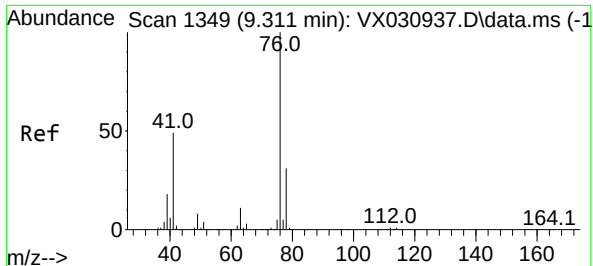
Ion Ratio Lower Upper

75 100

77 0.8 25.0 37.4#

39 25.2 37.5 56.3#





#57

1,3-Dichloropropane

Concen: 1.331 ug/l

RT: 9.488 min Scan# 1

Delta R.T. 0.177 min

Lab File: VX030961.D

Acq: 31 Aug 2022 00:03

Instrument :

MSVOA_X

ClientSampleId :

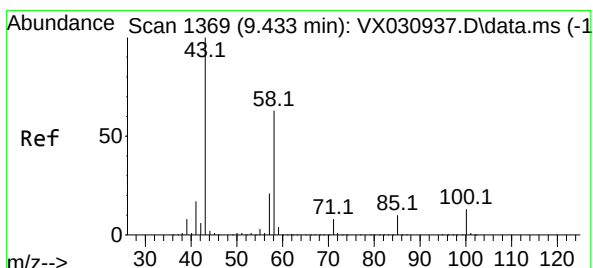
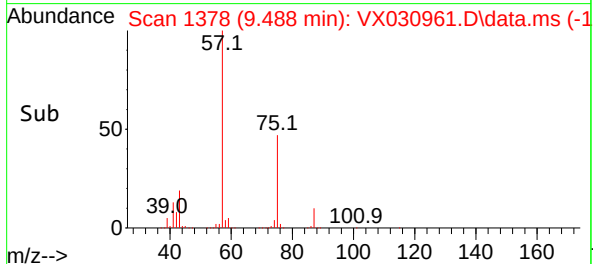
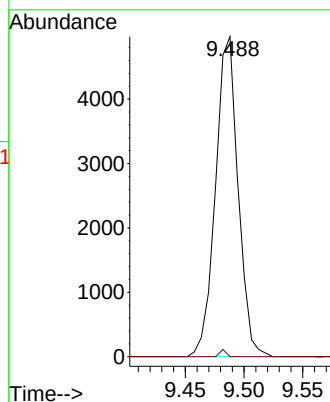
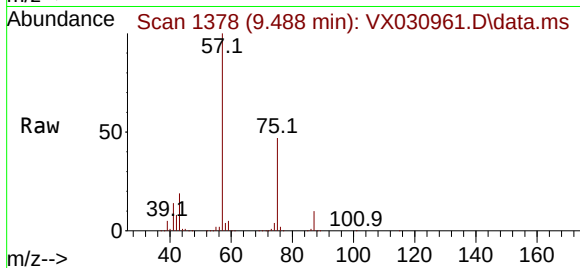
WC-2

Tgt Ion: 76 Resp: 6652

Ion Ratio Lower Upper

76 100

78 0.6 25.9 38.9#



#59

2-Hexanone

Concen: 39.412 ug/l

RT: 9.378 min Scan# 1360

Delta R.T. -0.055 min

Lab File: VX030961.D

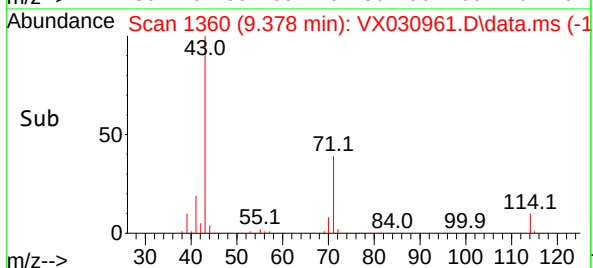
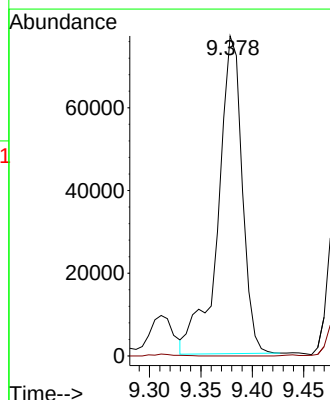
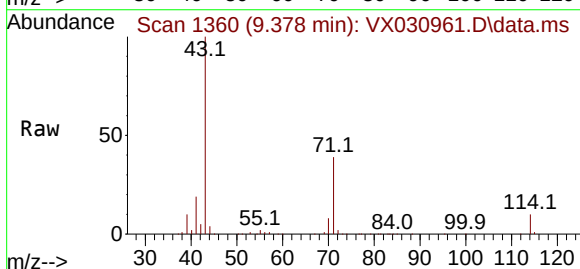
Acq: 31 Aug 2022 00:03

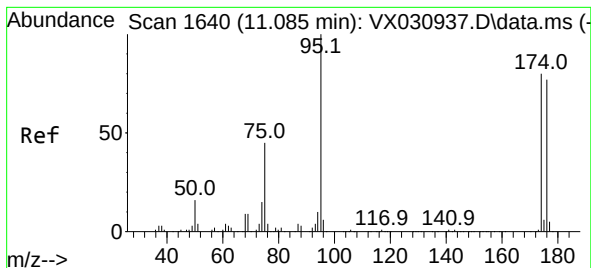
Tgt Ion: 43 Resp: 125168

Ion Ratio Lower Upper

43 100

58 0.0 27.6 82.8#

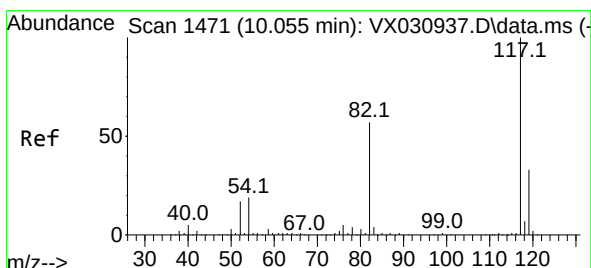
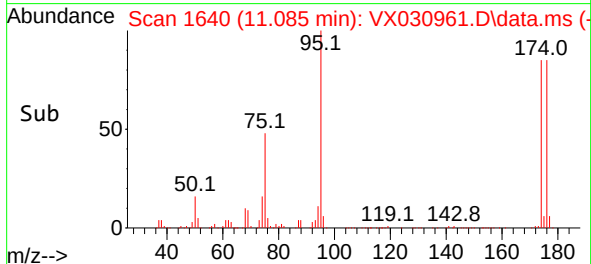
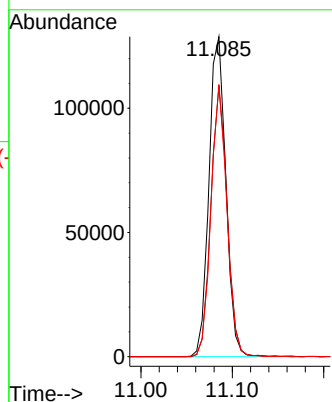
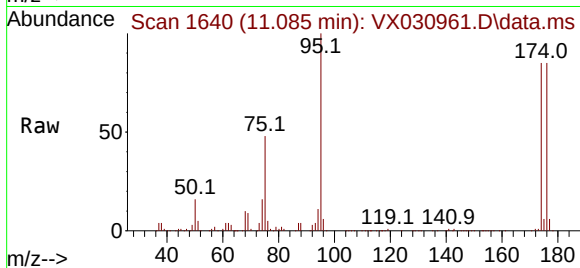




#62
4-Bromofluorobenzene
Concen: 46.872 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX030961.D
Acq: 31 Aug 2022 00:03

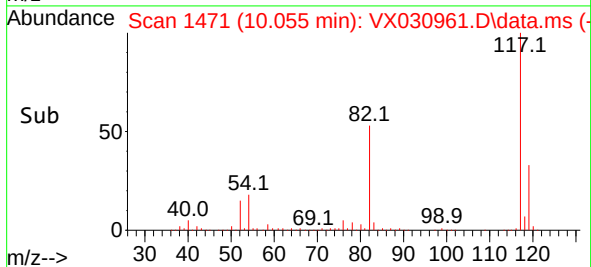
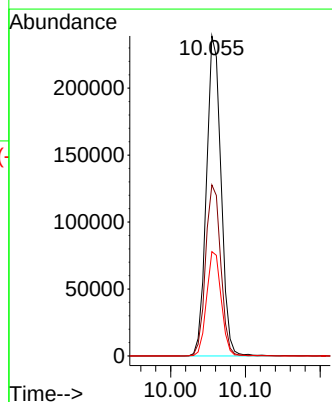
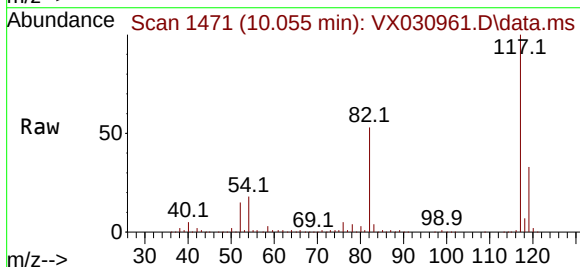
Instrument :
MSVOA_X
ClientSampleId :
WC-2

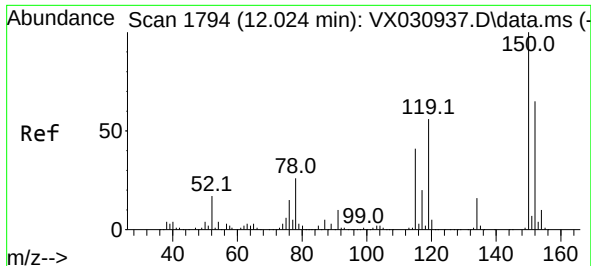
Tgt Ion: 95 Resp: 164965
Ion Ratio Lower Upper
95 100
174 81.6 0.0 149.0
176 79.9 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030961.D
Acq: 31 Aug 2022 00:03

Tgt Ion: 117 Resp: 323592
Ion Ratio Lower Upper
117 100
82 53.5 42.7 64.1
119 32.6 25.4 38.2

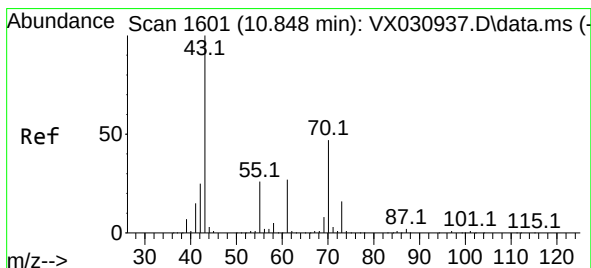
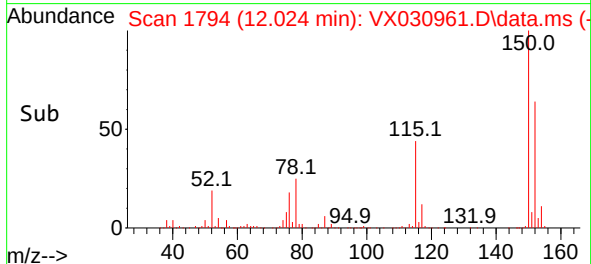
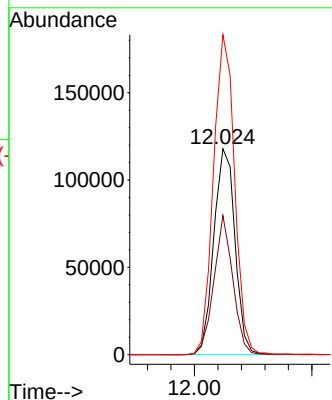
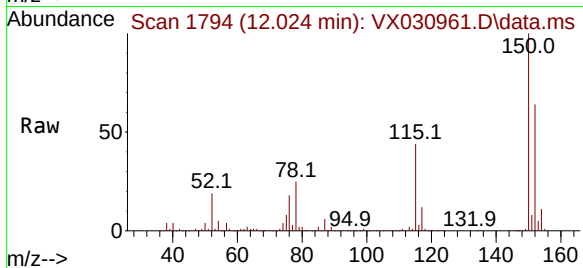




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX030961.D
Acq: 31 Aug 2022 00:03

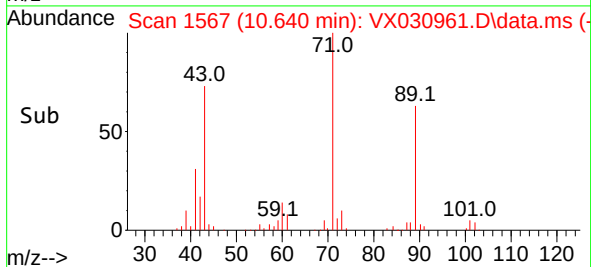
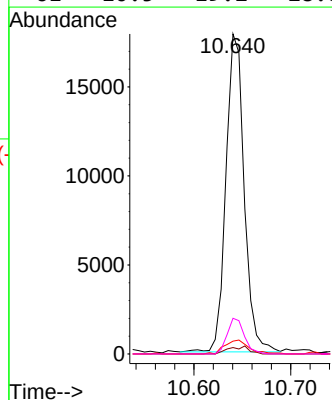
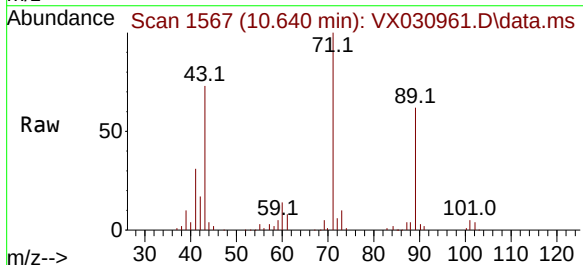
Instrument :
MSVOA_X
ClientSampleId :
WC-2

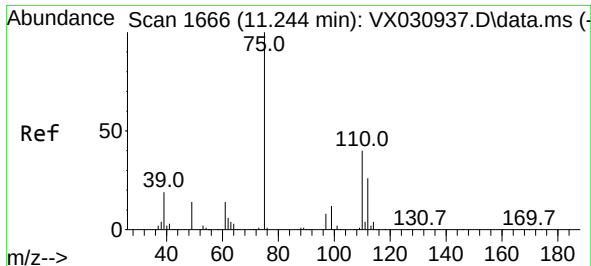
Tgt Ion:152 Resp: 147777
Ion Ratio Lower Upper
152 100
115 60.6 40.5 121.5
150 154.8 0.0 347.0



#74
N-ethyl acetate
Concen: 5.157 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.208 min
Lab File: VX030961.D
Acq: 31 Aug 2022 00:03

Tgt Ion: 43 Resp: 23309
Ion Ratio Lower Upper
43 100
70 2.7 32.3 48.5#
55 5.8 18.4 27.6#
61 10.5 19.2 28.8#

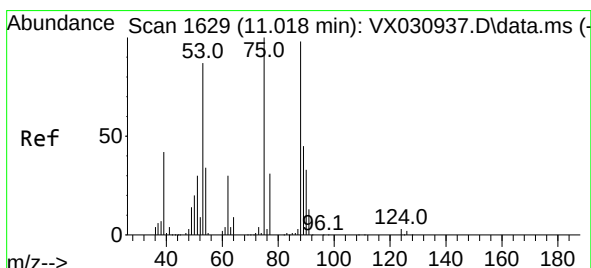
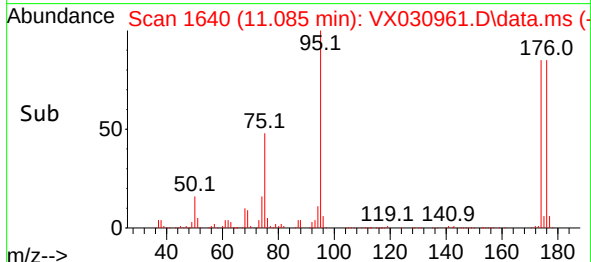
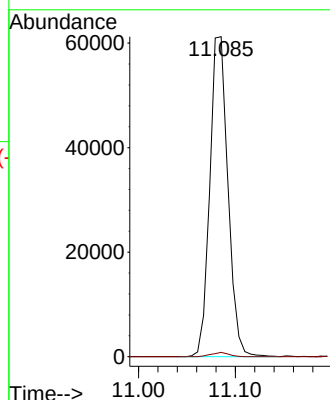
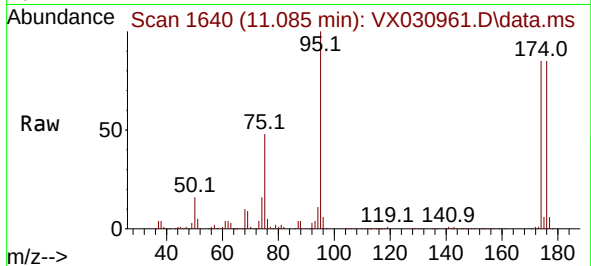




#76
1,2,3-Trichloropropane
Concen: 22.006 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX030961.D
Acq: 31 Aug 2022 00:03

Instrument :
MSVOA_X
ClientSampleId :
WC-2

Tgt Ion: 75 Resp: 80060
Ion Ratio Lower Upper
75 100
77 1.3 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.427 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX030961.D
Acq: 31 Aug 2022 00:03

Tgt Ion: 75 Resp: 80060
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 34.8 52.2#

