

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090822\
 Data File : VX031221.D
 Acq On : 08 Sep 2022 19:01
 Operator : JC/MD
 Sample : N4490-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-14-B-SP-GR

Quant Time: Sep 08 19:24:59 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)

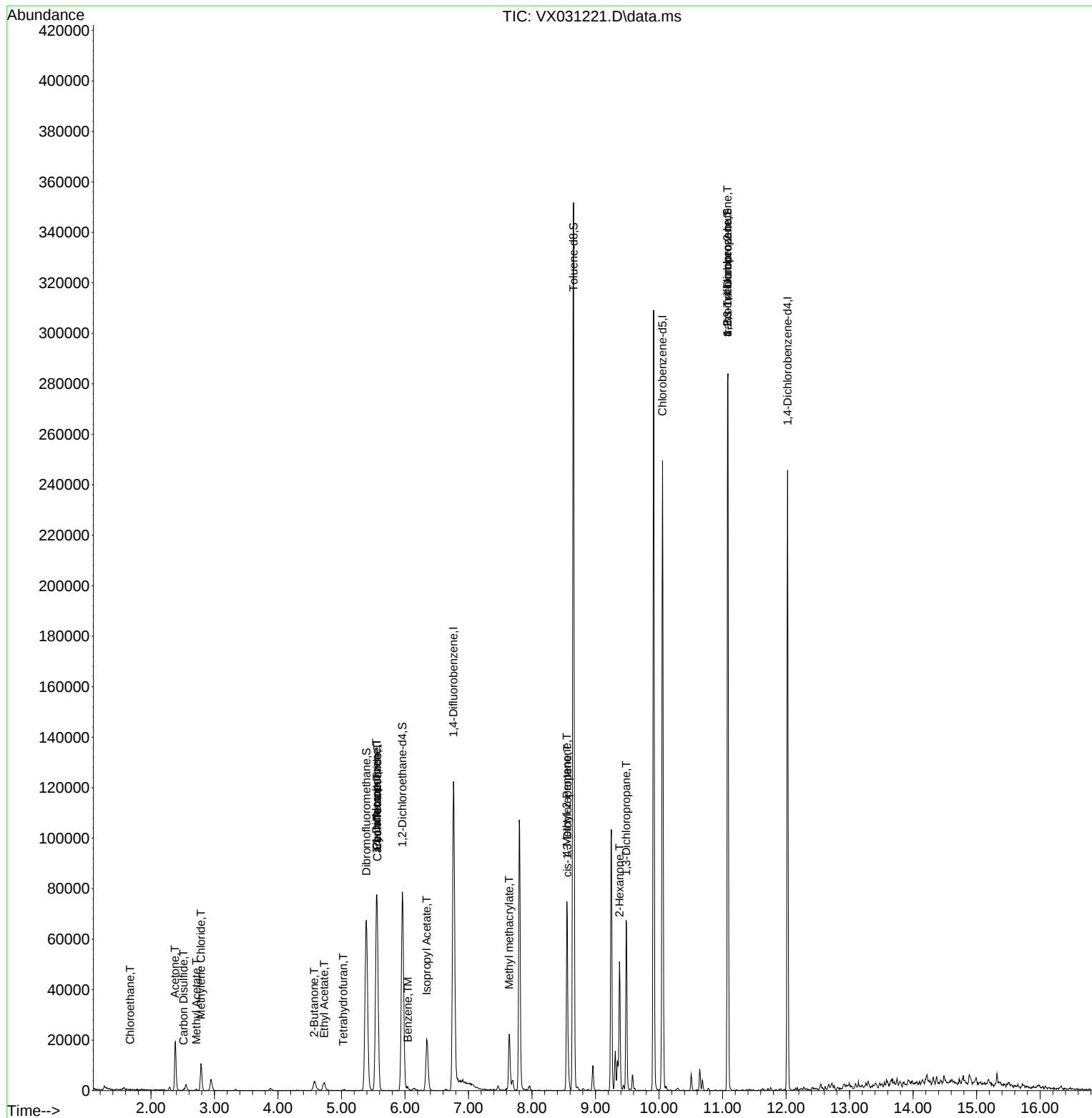
Internal Standards						
1) Pentafluorobenzene	5.556	168	66099	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	113936	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	104965	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	43883	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	85523	54.650	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.300%			
35) Dibromofluoromethane	5.391	113	59519	47.938	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.880%			
50) Toluene-d8	8.653	98	204274	45.284	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 90.560%			
62) 4-Bromofluorobenzene	11.079	95	79426	48.046	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.100%			
Target Compounds						Qvalue
6) Chloroethane	1.672	64	162	0.300	ug/l	# 41
11) Tert butyl alcohol	2.946	59	3108	Below Cal		# 74
16) Acetone	2.379	43	20855	38.488	ug/l	# 84
17) Carbon Disulfide	2.514	76	651	0.237	ug/l	# 74
18) Methyl Acetate	2.715	43	727	0.518	ug/l	# 86
20) Methylene Chloride	2.788	84	5127	4.026	ug/l	96
25) 2-Butanone	4.568	43	3875	4.828	ug/l	90
29) Tetrahydrofuran	5.025	42	155	0.327	ug/l	# 86
31) Cyclohexane	5.556	56	1829	1.046	ug/l	# 40
36) 1,1-Dichloropropene	5.550	75	6135	3.299	ug/l	# 46
37) Ethyl Acetate	4.727	43	5795	3.513	ug/l	96
38) Carbon Tetrachloride	5.562	117	7939	4.058	ug/l	# 17
40) Benzene	6.043	78	1178	0.233	ug/l	# 44
43) Isopropyl Acetate	6.342	43	25633	9.856	ug/l	# 94
48) Methyl methacrylate	7.641	41	590	0.466	ug/l	# 1
51) 4-Methyl-2-Pentanone	8.549	43	26133	16.410	ug/l	# 44
54) cis-1,3-Dichloropropene	8.555	75	12043	5.624	ug/l	# 62
57) 1,3-Dichloropropane	9.482	76	713	0.301	ug/l	# 42
59) 2-Hexanone	9.378	43	31142	25.859	ug/l	# 24
76) 1,2,3-Trichloropropane	11.079	75	45737	38.189	ug/l	# 37
81) trans-1,4-Dichloro-2-b...	11.079	75	45737	123.156	ug/l	# 12

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

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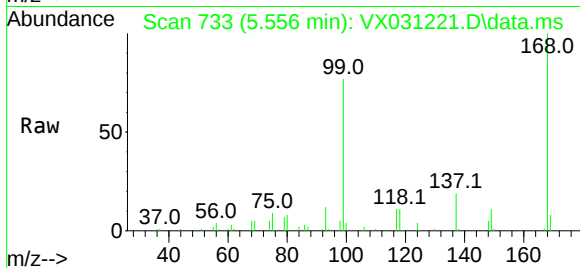
Quant Time: Sep 08 19:24:59 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090722W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 07 23:22:41 2022
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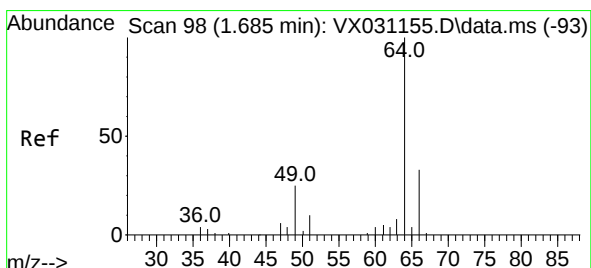
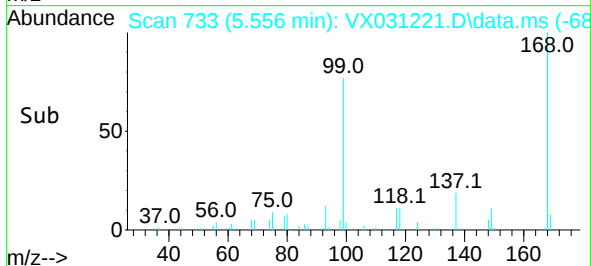
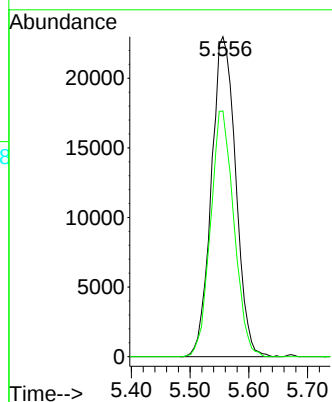


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031221.D
Acq: 08 Sep 2022 19:01

Instrument :
MSVOA_X
ClientSampleId :
WC-14-B-SP-GR

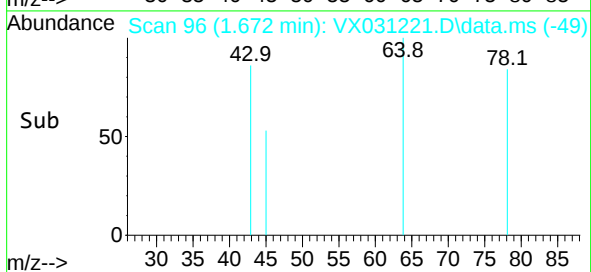
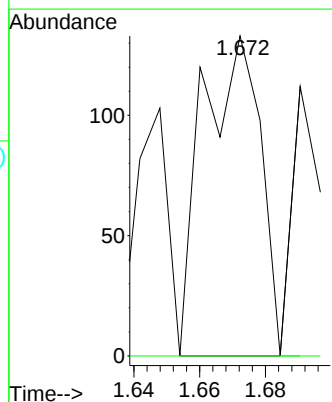
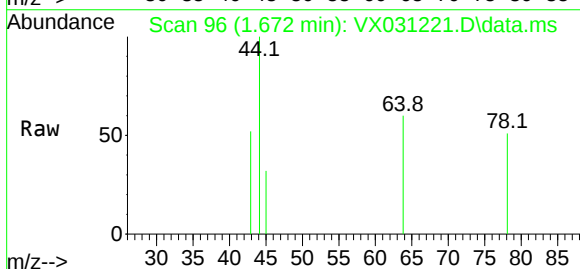


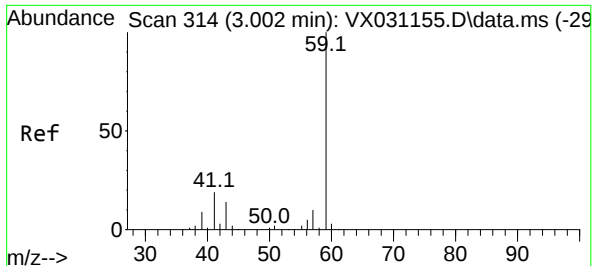
Tgt Ion:168 Resp: 66099
Ion Ratio Lower Upper
168 100
99 76.8 44.0 66.0#



#6
Chloroethane
Concen: 0.300 ug/l
RT: 1.672 min Scan# 96
Delta R.T. -0.012 min
Lab File: VX031221.D
Acq: 08 Sep 2022 19:01

Tgt Ion: 64 Resp: 162
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# 314

Delta R.T. -0.056 min

Lab File: VX031221.D

Acq: 08 Sep 2022 19:01

Instrument :

MSVOA_X

ClientSampleId :

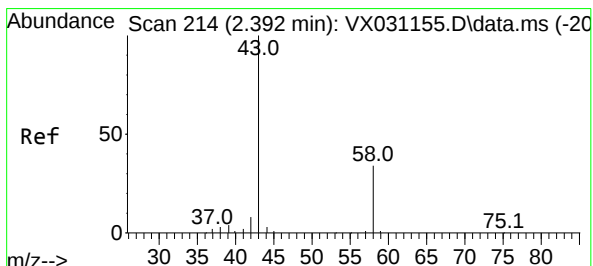
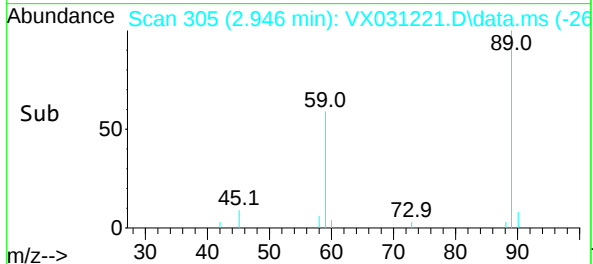
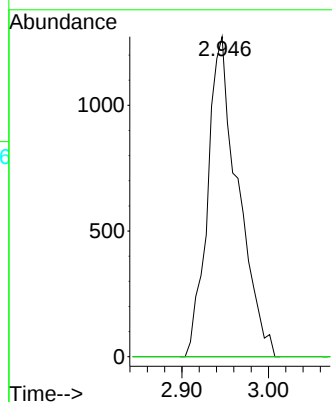
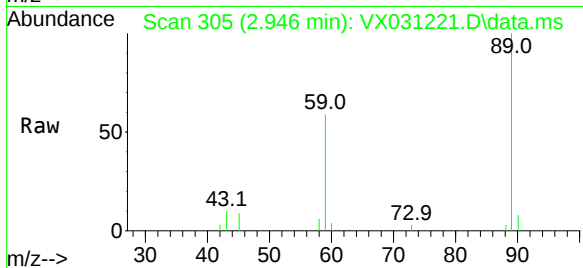
WC-14-B-SP-GR

Tgt Ion: 59 Resp: 3108

Ion Ratio Lower Upper

59 100

57 0.0 7.4 11.2#



#16

Acetone

Concen: 38.488 ug/l

RT: 2.379 min Scan# 212

Delta R.T. -0.012 min

Lab File: VX031221.D

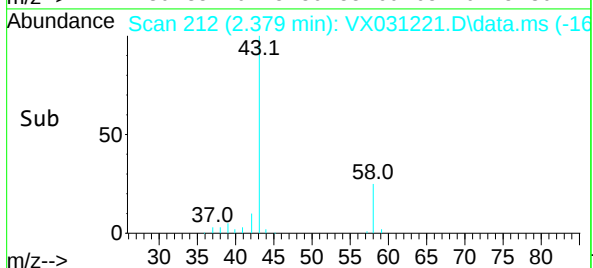
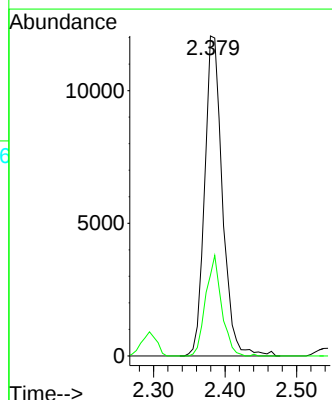
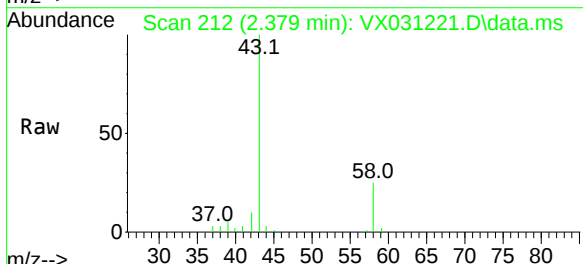
Acq: 08 Sep 2022 19:01

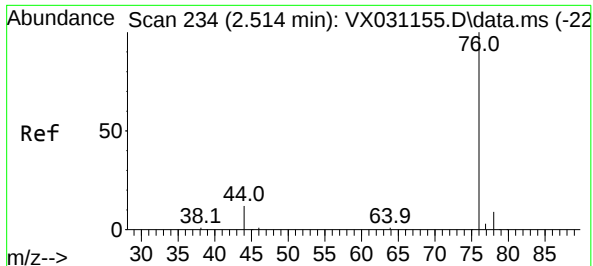
Tgt Ion: 43 Resp: 20855

Ion Ratio Lower Upper

43 100

58 25.2 27.7 41.5#

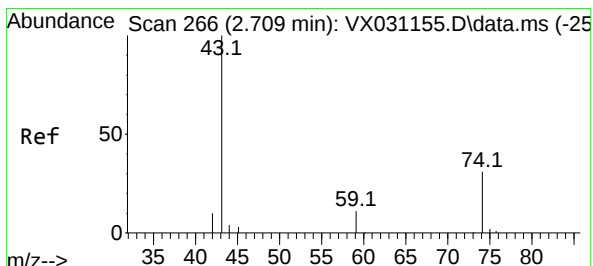
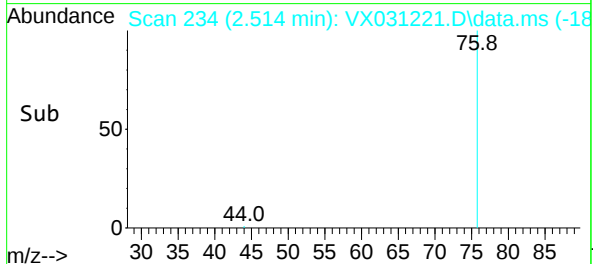
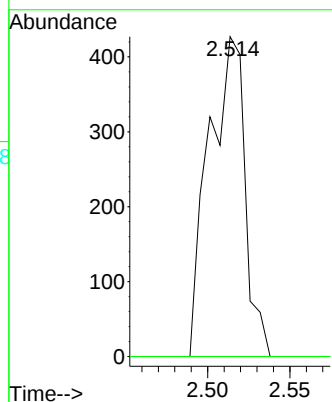
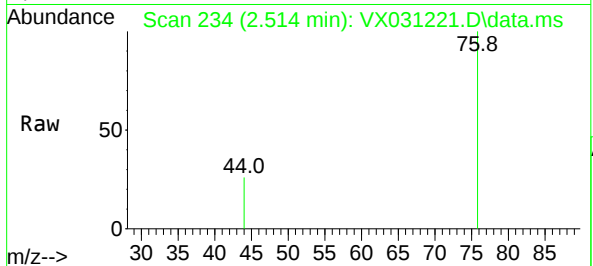




#17
Carbon Disulfide
Concen: 0.237 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX031221.D
Acq: 08 Sep 2022 19:01

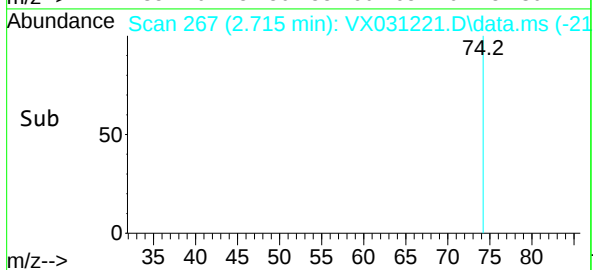
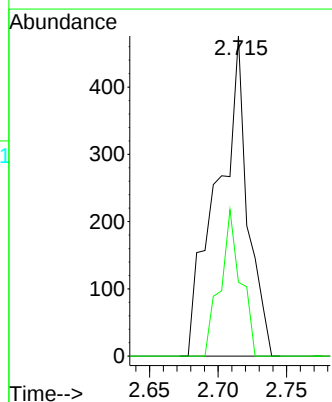
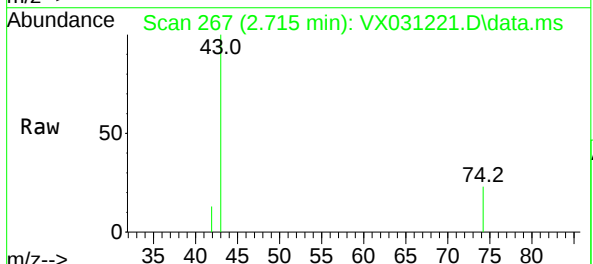
Instrument :
MSVOA_X
ClientSampleId :
WC-14-B-SP-GR

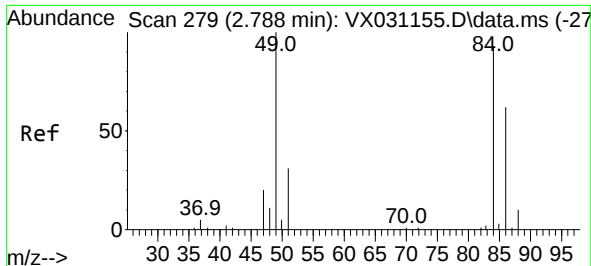
Tgt Ion: 76 Resp: 651
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.6#



#18
Methyl Acetate
Concen: 0.518 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX031221.D
Acq: 08 Sep 2022 19:01

Tgt Ion: 43 Resp: 727
Ion Ratio Lower Upper
43 100
74 31.1 19.4 29.2#



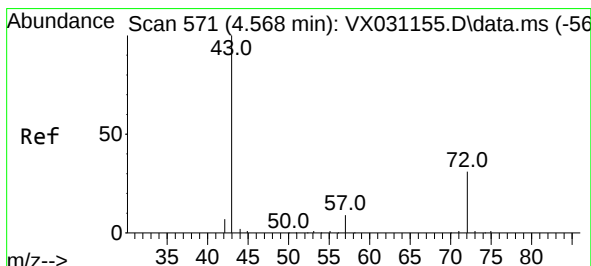
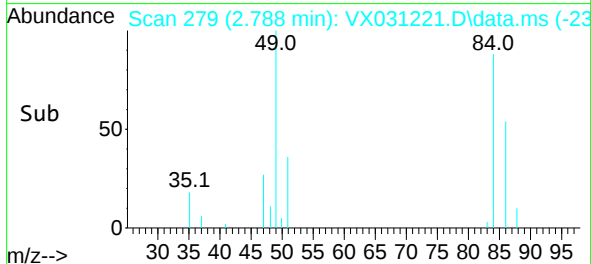
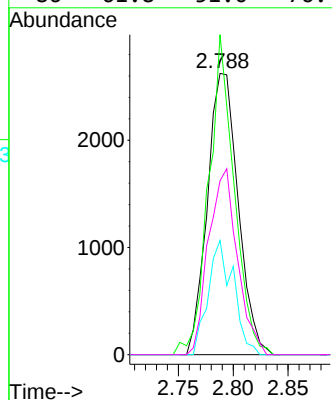
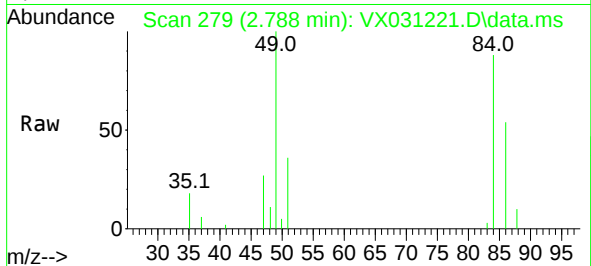


#20
Methylene Chloride
Concen: 4.026 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX031221.D
Acq: 08 Sep 2022 19:01

Instrument :
MSVOA_X
ClientSampleId :
WC-14-B-SP-GR

Tgt Ion: 84 Resp: 5127

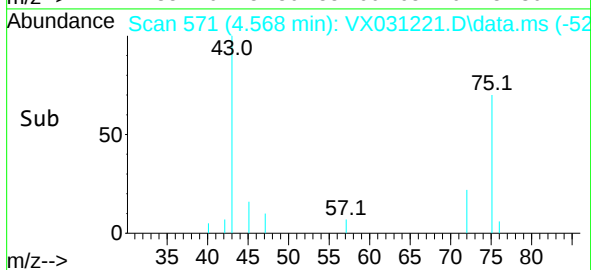
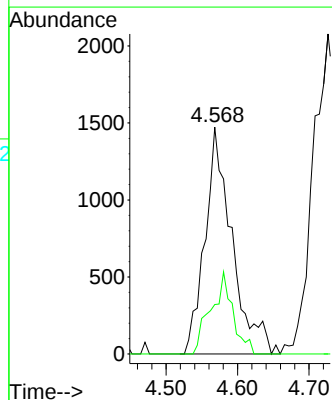
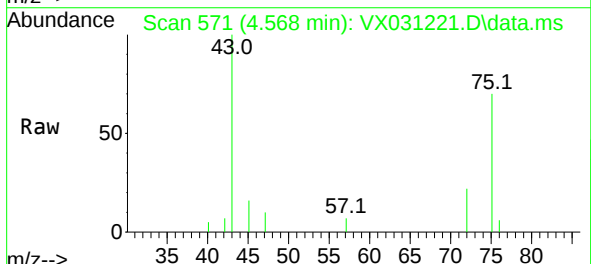
Ion	Ratio	Lower	Upper
84	100		
49	113.8	93.8	140.6
51	40.6	29.4	44.0
86	61.8	51.0	76.4

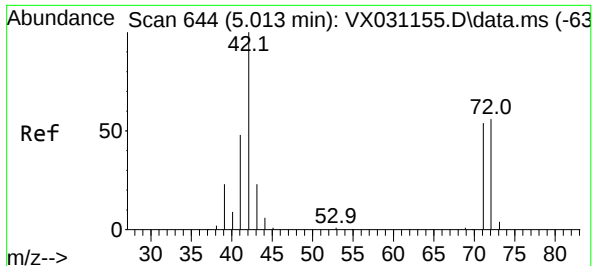


#25
2-Butanone
Concen: 4.828 ug/l
RT: 4.568 min Scan# 571
Delta R.T. -0.000 min
Lab File: VX031221.D
Acq: 08 Sep 2022 19:01

Tgt Ion: 43 Resp: 3875

Ion	Ratio	Lower	Upper
43	100		
72	21.8	21.7	32.5





#29

Tetrahydrofuran

Concen: 0.327 ug/l

RT: 5.025 min Scan# 644

Delta R.T. 0.012 min

Lab File: VX031221.D

Acq: 08 Sep 2022 19:01

Instrument :

MSVOA_X

ClientSampleId :

WC-14-B-SP-GR

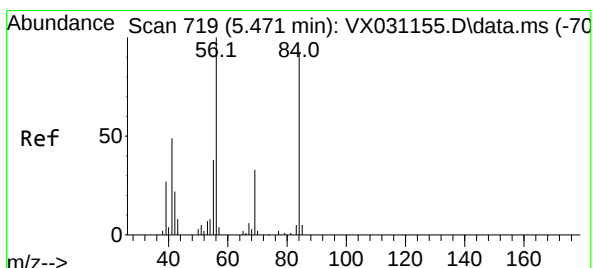
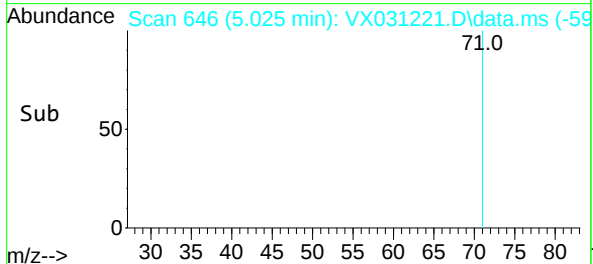
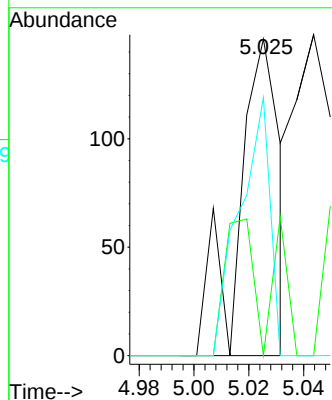
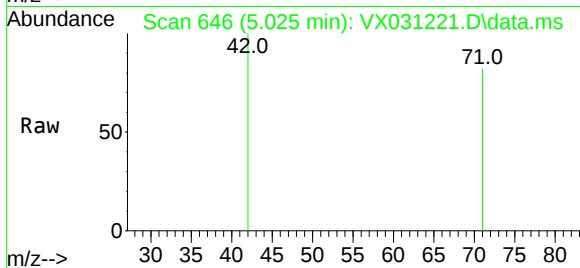
Tgt Ion: 42 Resp: 155

Ion Ratio Lower Upper

42 100

72 44.5 36.5 54.7

71 59.4 33.9 50.9#



#31

Cyclohexane

Concen: 1.046 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.085 min

Lab File: VX031221.D

Acq: 08 Sep 2022 19:01

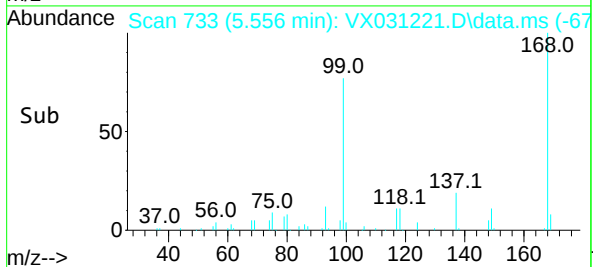
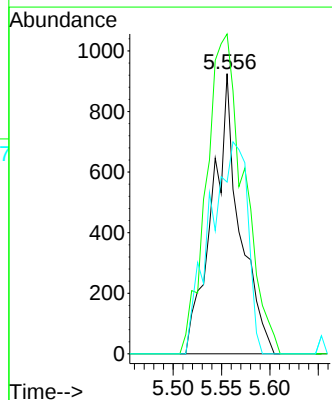
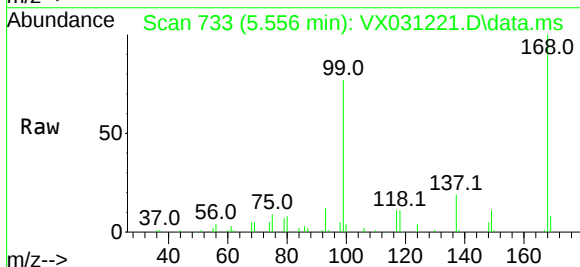
Tgt Ion: 56 Resp: 1829

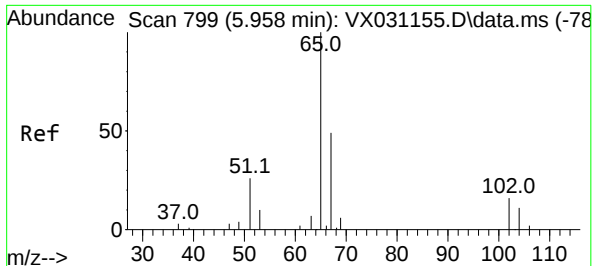
Ion Ratio Lower Upper

56 100

69 114.2 25.4 38.0#

84 61.3 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 54.650 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX031221.D

Acq: 08 Sep 2022 19:01

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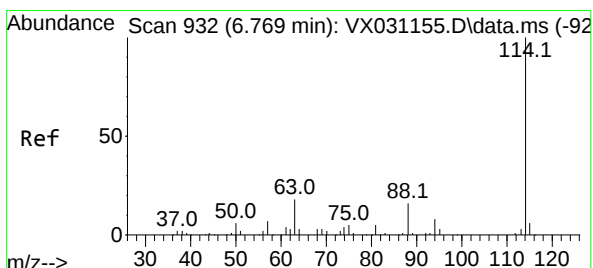
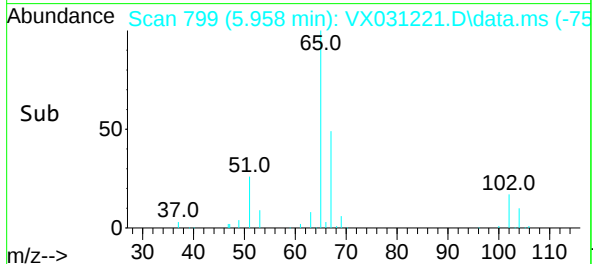
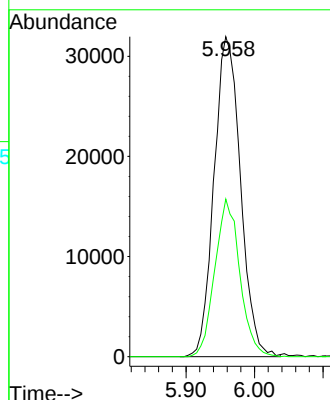
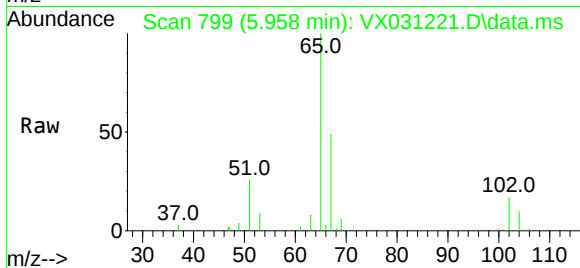
WC-14-B-SP-GR

Tgt Ion: 65 Resp: 85523

Ion Ratio Lower Upper

65 100

67 46.5 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX031221.D

Acq: 08 Sep 2022 19:01

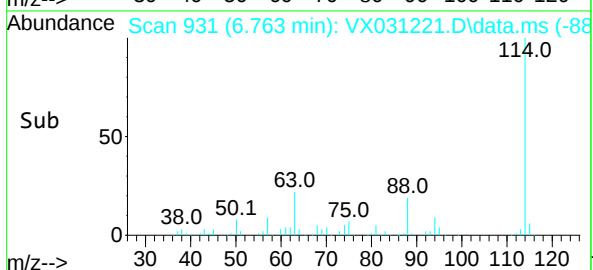
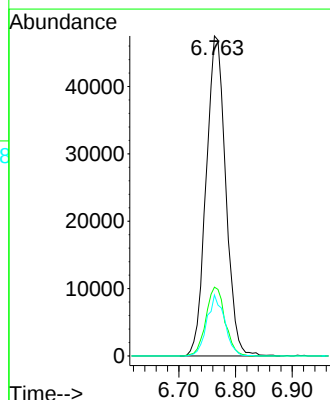
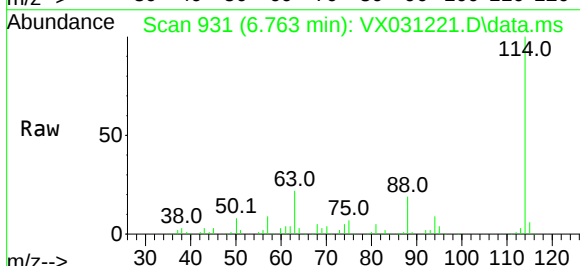
Tgt Ion: 114 Resp: 113936

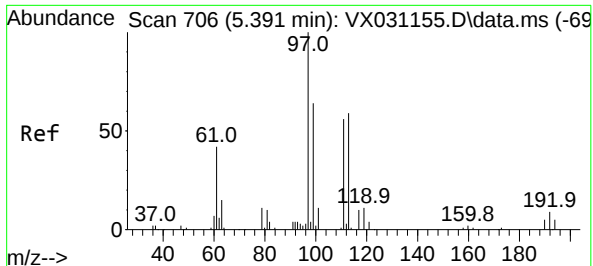
Ion Ratio Lower Upper

114 100

63 21.5 0.0 38.4

88 19.0 0.0 31.8





#35

Dibromofluoromethane

Concen: 47.938 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

Lab File: VX031221.D

Acq: 08 Sep 2022 19:01

Instrument :

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ClientSampleId :

WC-14-B-SP-GR

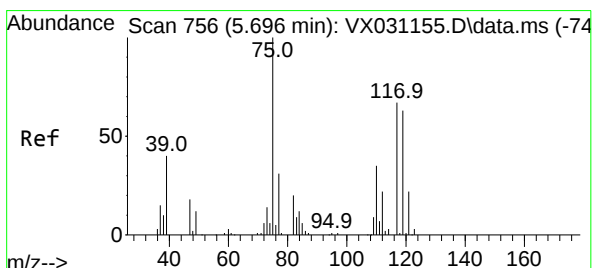
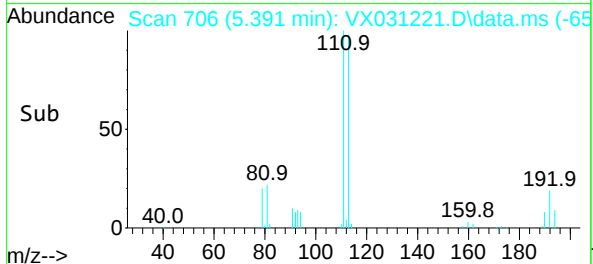
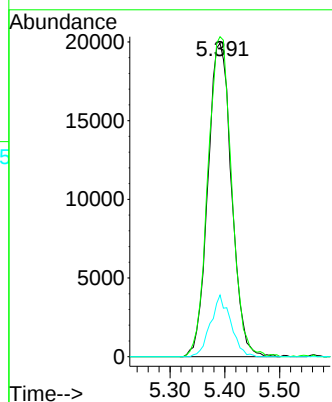
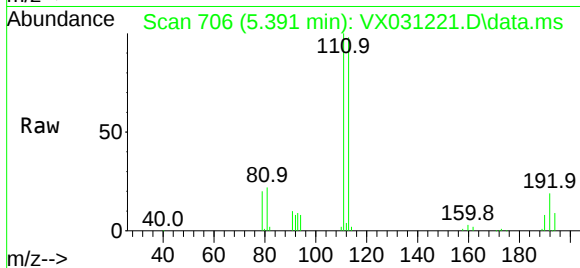
Tgt Ion:113 Resp: 59519

Ion Ratio Lower Upper

113 100

111 102.6 83.2 124.8

192 16.9 14.8 22.2



#36

1,1-Dichloropropene

Concen: 3.299 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.147 min

Lab File: VX031221.D

Acq: 08 Sep 2022 19:01

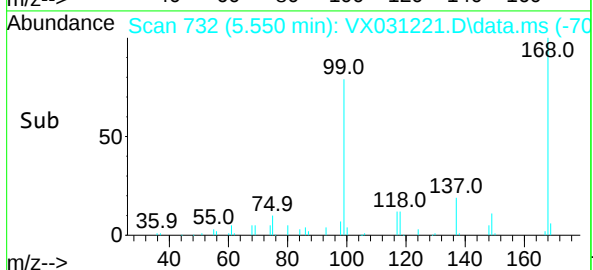
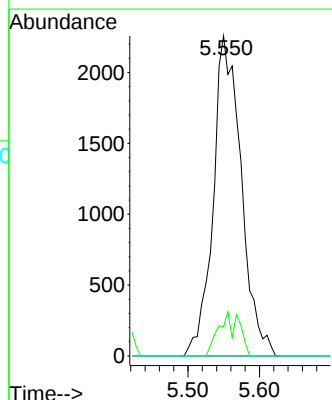
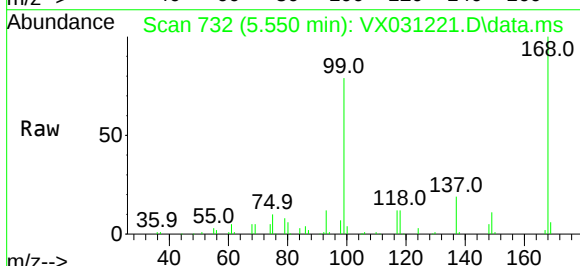
Tgt Ion: 75 Resp: 6135

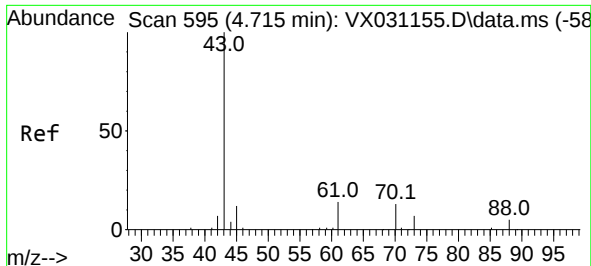
Ion Ratio Lower Upper

75 100

110 6.5 19.3 57.9#

77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 3.513 ug/l

RT: 4.727 min Scan# 595

Delta R.T. 0.012 min

Lab File: VX031221.D

Acq: 08 Sep 2022 19:01

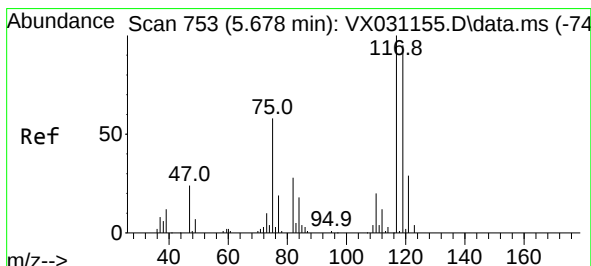
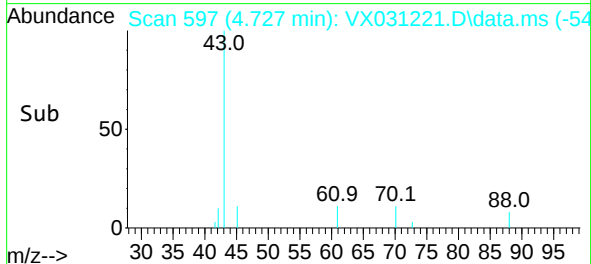
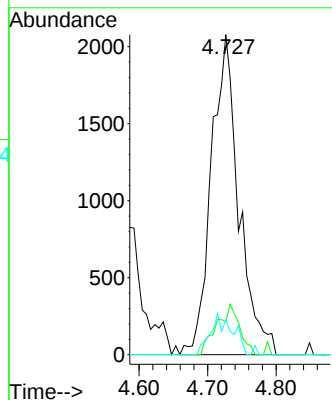
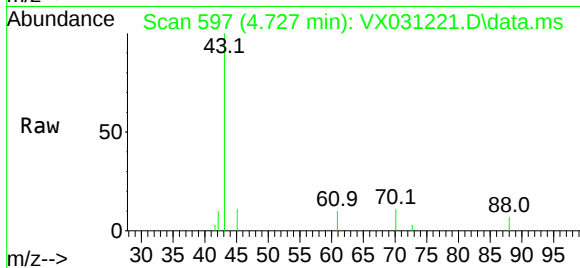
Instrument :

MSVOA_X

ClientSampleId :

WC-14-B-SP-GR

Tgt Ion: 43	Resp: 5795
Ion Ratio	Lower Upper
43 100	
61 13.1	11.7 17.5
70 10.3	9.3 13.9



#38

Carbon Tetrachloride

Concen: 4.058 ug/l

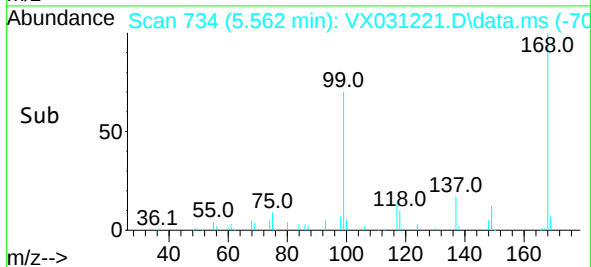
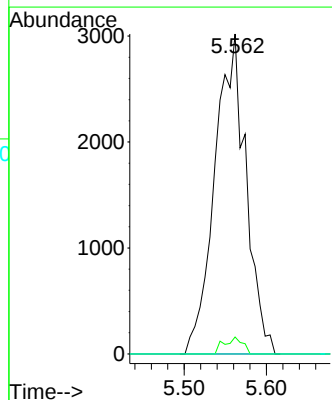
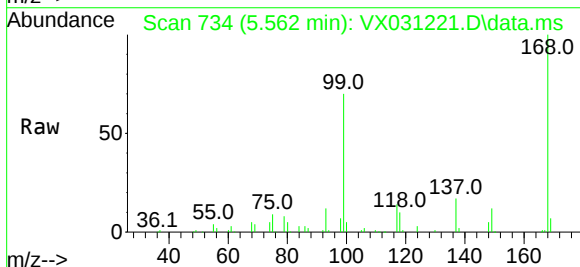
RT: 5.562 min Scan# 734

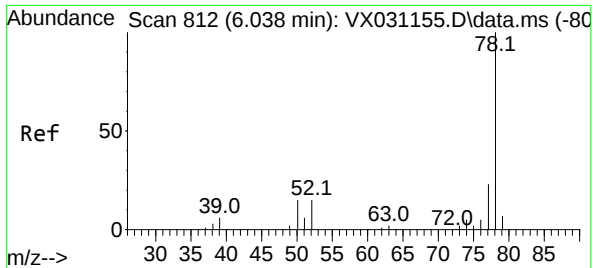
Delta R.T. -0.116 min

Lab File: VX031221.D

Acq: 08 Sep 2022 19:01

Tgt Ion: 117	Resp: 7939
Ion Ratio	Lower Upper
117 100	
119 5.3	74.1 111.1#
121 0.0	25.8 38.8#





#40

Benzene

Concen: 0.233 ug/l

RT: 6.043 min Scan# 812

Delta R.T. 0.006 min

Lab File: VX031221.D

Acq: 08 Sep 2022 19:01

Instrument :

MSVOA_X

ClientSampleId :

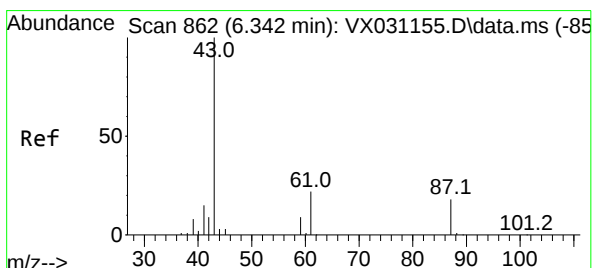
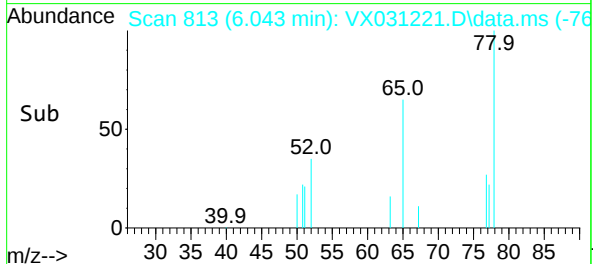
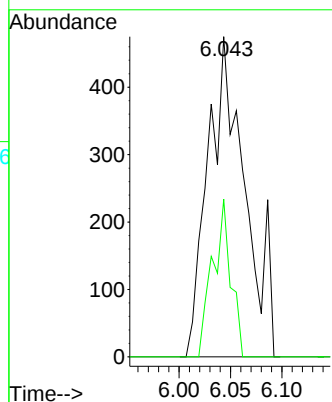
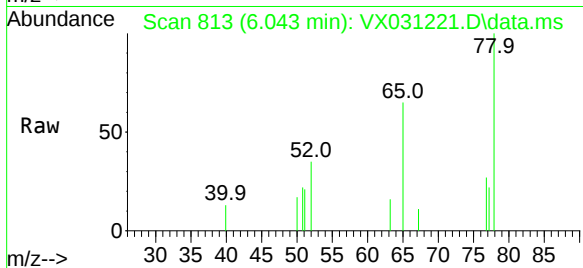
WC-14-B-SP-GR

Tgt Ion: 78 Resp: 1178

Ion Ratio Lower Upper

78 100

77 49.3 18.0 27.0#



#43

Isopropyl Acetate

Concen: 9.856 ug/l

RT: 6.342 min Scan# 862

Delta R.T. -0.000 min

Lab File: VX031221.D

Acq: 08 Sep 2022 19:01

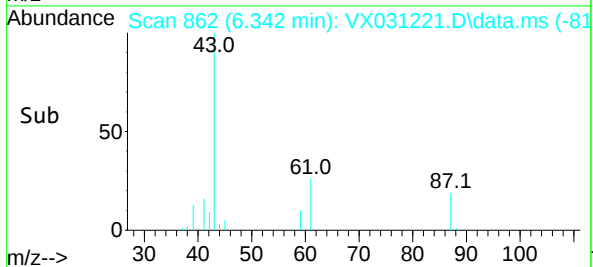
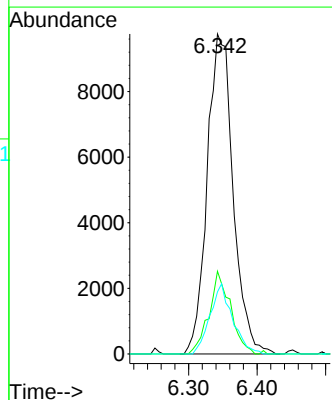
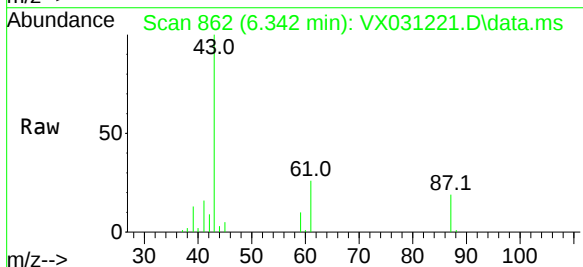
Tgt Ion: 43 Resp: 25633

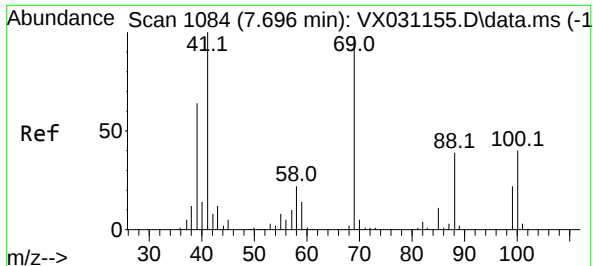
Ion Ratio Lower Upper

43 100

61 21.5 16.5 24.7

87 19.1 11.1 16.7#





#48

Methyl methacrylate

Concen: 0.466 ug/l

RT: 7.641 min Scan# 1075

Delta R.T. -0.055 min

Lab File: VX031221.D

Acq: 08 Sep 2022 19:01

Instrument :

MSVOA_X

ClientSampleId :

WC-14-B-SP-GR

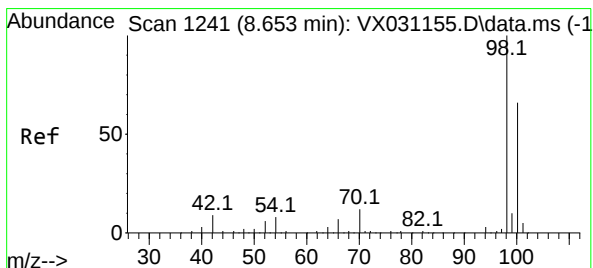
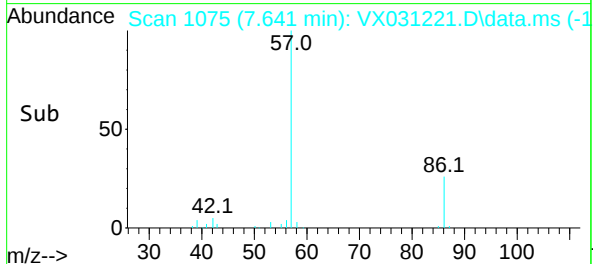
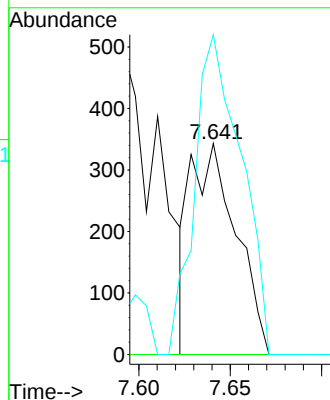
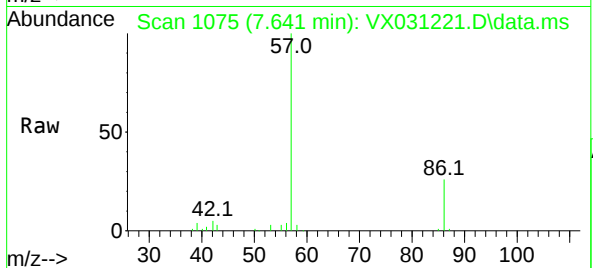
Tgt Ion: 41 Resp: 590

Ion Ratio Lower Upper

41 100

69 0.0 68.8 103.2#

39 156.9 44.6 66.8#



#50

Toluene-d8

Concen: 45.284 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX031221.D

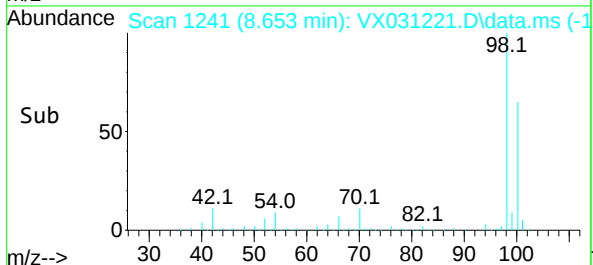
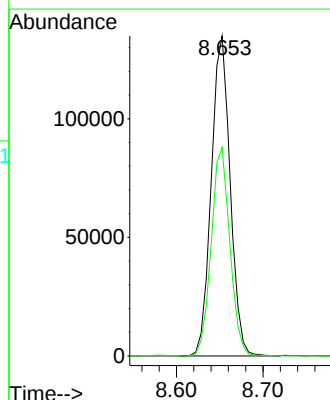
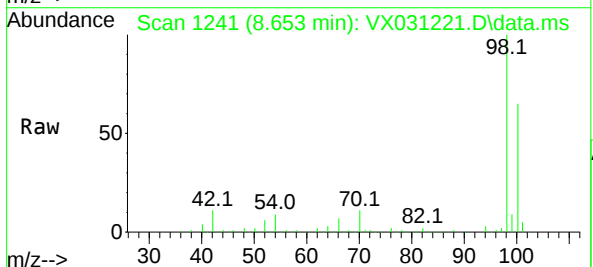
Acq: 08 Sep 2022 19:01

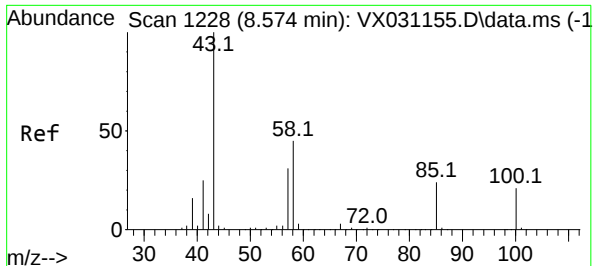
Tgt Ion: 98 Resp: 204274

Ion Ratio Lower Upper

98 100

100 64.4 52.3 78.5

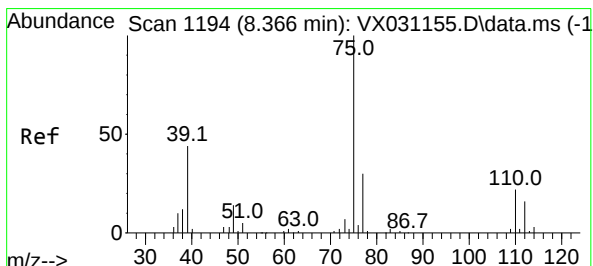
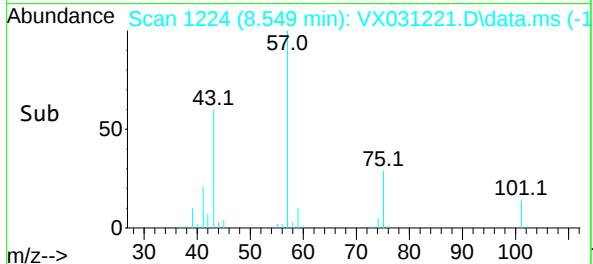
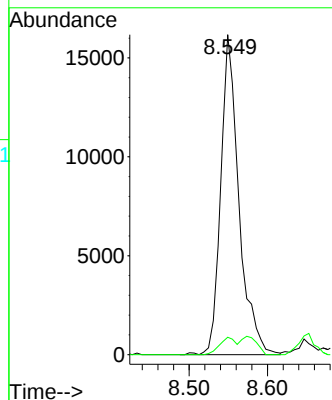
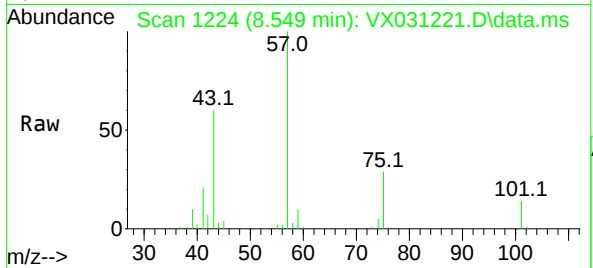




#51
4-Methyl-2-Pentanone
Concen: 16.410 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.025 min
Lab File: VX031221.D
Acq: 08 Sep 2022 19:01

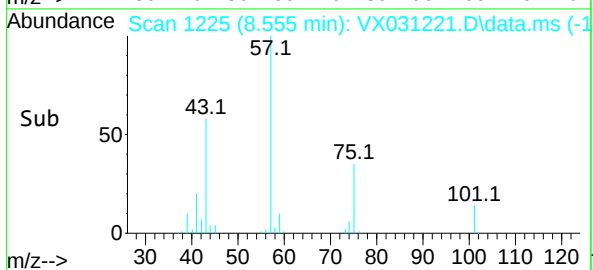
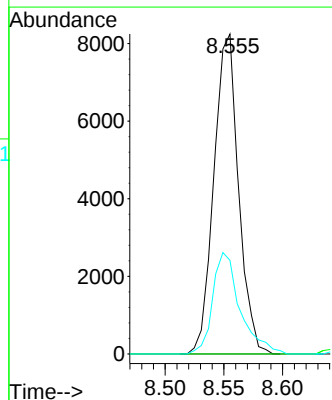
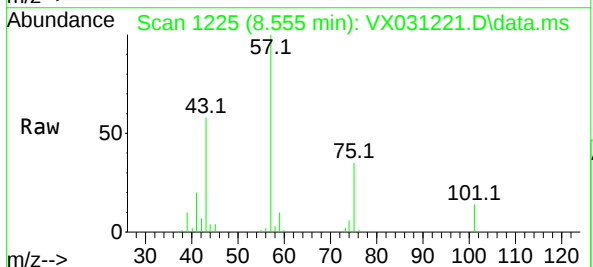
Instrument :
MSVOA_X
ClientSampleId :
WC-14-B-SP-GR

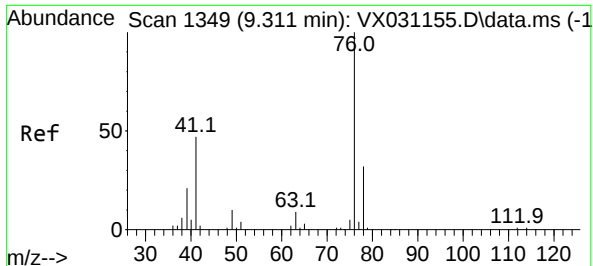
Tgt Ion: 43 Resp: 26133
Ion Ratio Lower Upper
43 100
58 4.9 31.4 47.2#



#54
cis-1,3-Dichloropropene
Concen: 5.624 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.189 min
Lab File: VX031221.D
Acq: 08 Sep 2022 19:01

Tgt Ion: 75 Resp: 12043
Ion Ratio Lower Upper
75 100
77 0.0 25.0 37.4#
39 29.3 37.5 56.3#





#57

1,3-Dichloropropane

Concen: 0.301 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.170 min

Lab File: VX031221.D

Acq: 08 Sep 2022 19:01

Instrument :

MSVOA_X

ClientSampleId :

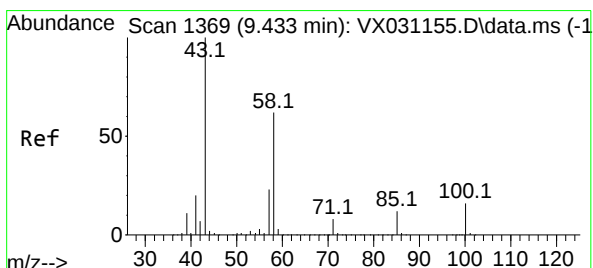
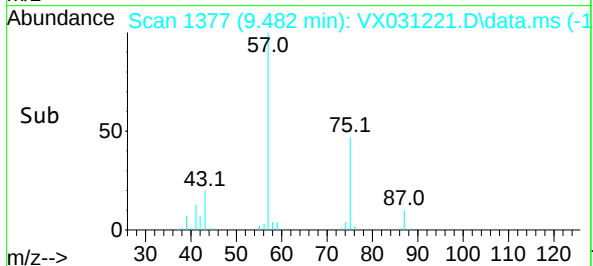
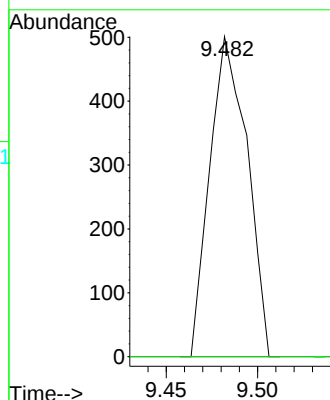
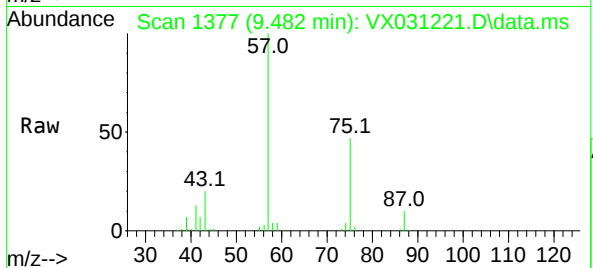
WC-14-B-SP-GR

Tgt Ion: 76 Resp: 713

Ion Ratio Lower Upper

76 100

78 0.0 25.9 38.9#



#59

2-Hexanone

Concen: 25.859 ug/l

RT: 9.378 min Scan# 1360

Delta R.T. -0.055 min

Lab File: VX031221.D

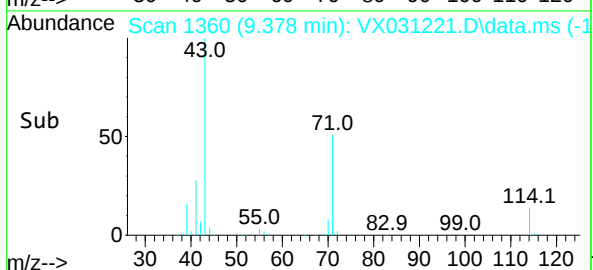
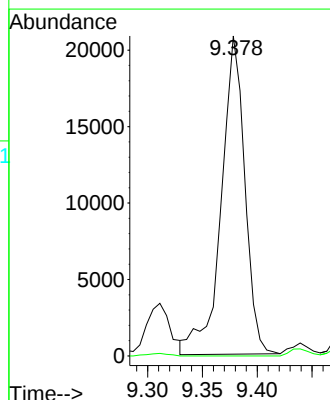
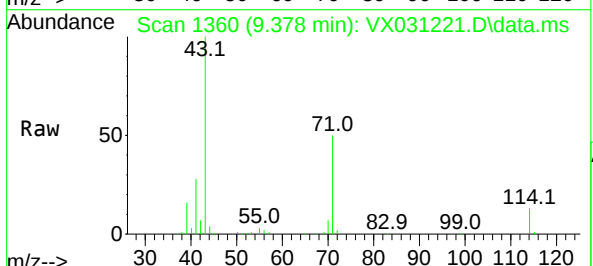
Acq: 08 Sep 2022 19:01

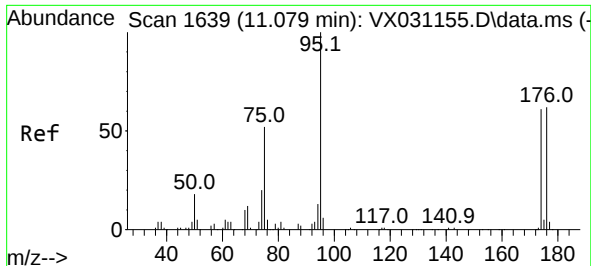
Tgt Ion: 43 Resp: 31142

Ion Ratio Lower Upper

43 100

58 0.0 27.6 82.8#

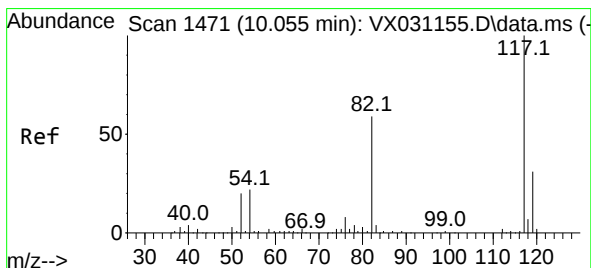
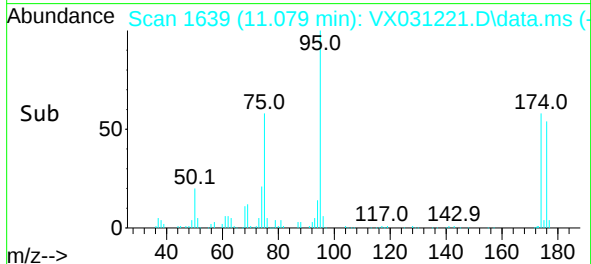
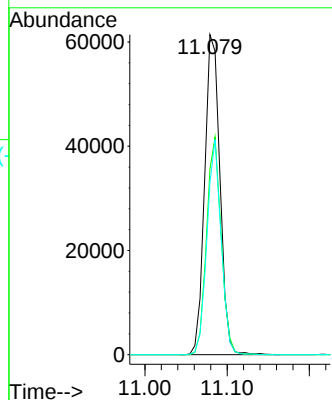
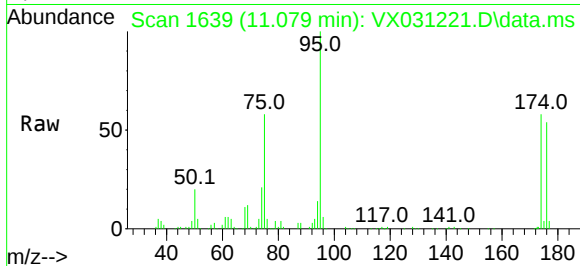




#62
4-Bromofluorobenzene
Concen: 48.046 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX031221.D
Acq: 08 Sep 2022 19:01

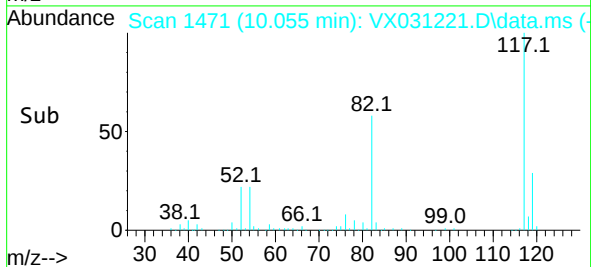
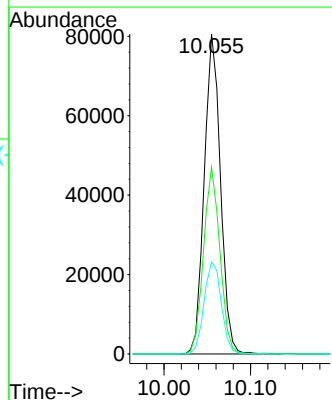
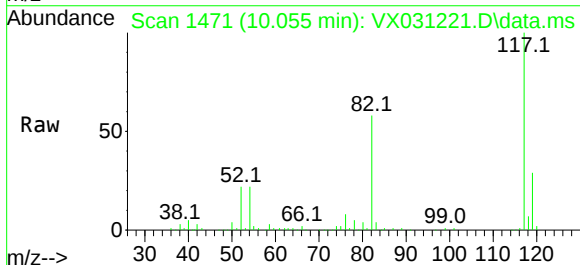
Instrument :
MSVOA_X
ClientSampleId :
WC-14-B-SP-GR

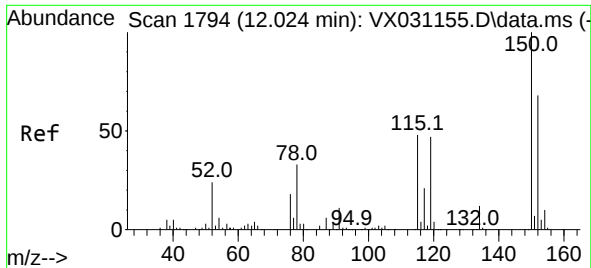
Tgt Ion: 95 Resp: 79426
Ion Ratio Lower Upper
95 100
174 65.0 0.0 149.0
176 62.2 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031221.D
Acq: 08 Sep 2022 19:01

Tgt Ion: 117 Resp: 104965
Ion Ratio Lower Upper
117 100
82 58.4 42.7 64.1
119 28.8 25.4 38.2

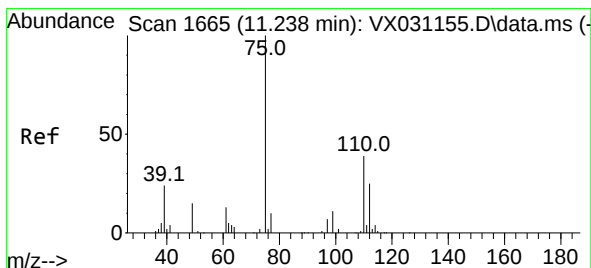
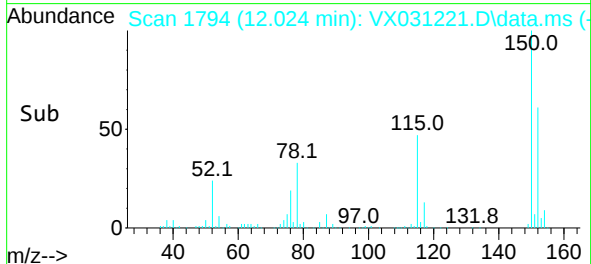
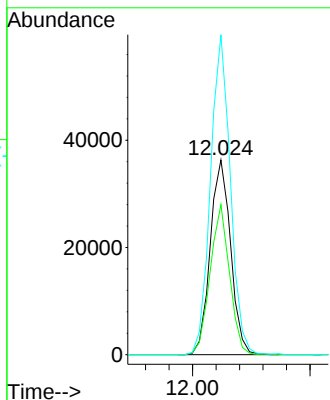
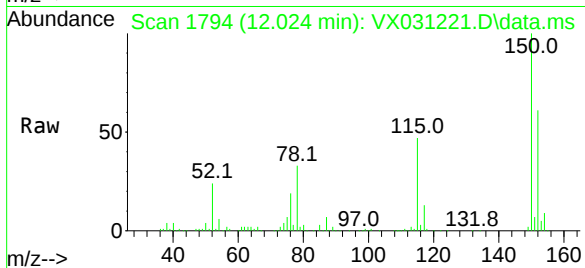




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031221.D
Acq: 08 Sep 2022 19:01

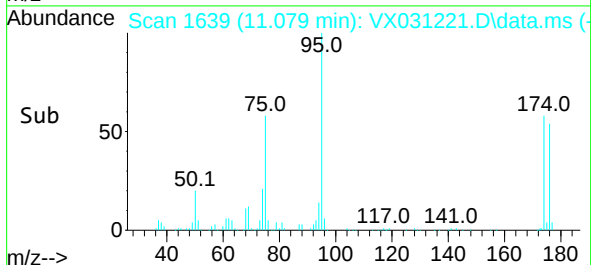
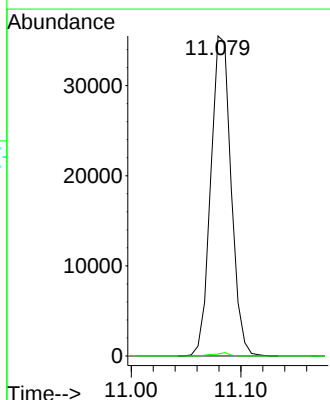
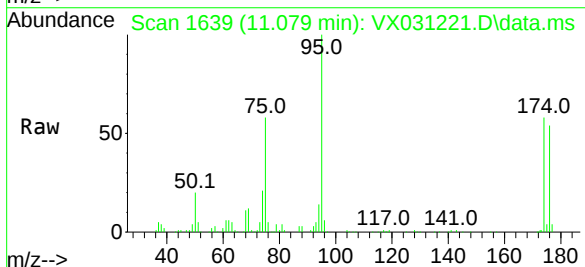
Instrument :
MSVOA_X
ClientSampleId :
WC-14-B-SP-GR

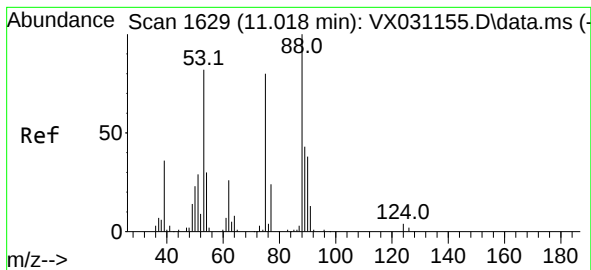
Tgt Ion:152 Resp: 43883
Ion Ratio Lower Upper
152 100
115 73.3 40.5 121.5
150 159.7 0.0 347.0



#76
1,2,3-Trichloropropane
Concen: 38.189 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031221.D
Acq: 08 Sep 2022 19:01

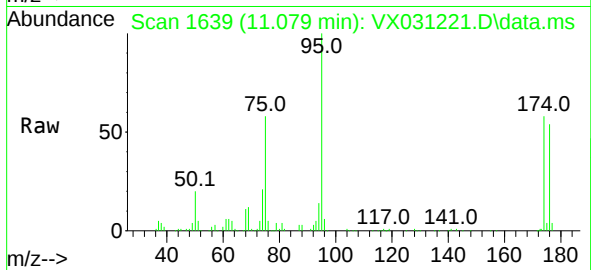
Tgt Ion: 75 Resp: 45737
Ion Ratio Lower Upper
75 100
77 0.8 19.8 59.3#





#81
trans-1,4-Dichloro-2-butene
Concen: 123.156 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX031221.D
Acq: 08 Sep 2022 19:01

Instrument :
MSVOA_X
ClientSampleId :
WC-14-B-SP-GR



Tgt Ion: 75 Resp: 45737
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 34.8 52.2#

