

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100119\
 Data File : VX012744.D
 Acq On : 01 Oct 2019 19:32
 Operator : JC/SP
 Sample : K5110-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-1

Quant Time: Oct 02 01:49:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	158444	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	278336	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	231816	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	79570	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	115667	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	
35) Dibromofluoromethane	5.49	113	84761	51.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.26%	
50) Toluene-d8	8.71	98	327232	51.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.52%	
62) 4-Bromofluorobenzene	11.14	95	104828	41.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.44	85	1071	0.601	ug/l	78
3) Chloromethane	1.32	50	1418	0.693	ug/l	98
4) Vinyl Chloride	1.40	62	12305	6.048	ug/l	94
5) Bromomethane	1.65	94	164	0.205	ug/l #	66
6) Chloroethane	1.72	64	1586	1.156	ug/l	99
11) Tert butyl alcohol	3.04	59	2358	4.091	ug/l	95
12) 1,1-Dichloroethene	2.37	96	100225	58.833	ug/l	96
13) Acrolein	2.26	56	285	11.084	ug/l #	1
14) Allyl chloride	2.59	41	5650	1.672	ug/l #	66
16) Acetone	2.44	43	12338	10.096	ug/l	95
24) 1,1-Dichloroethane	3.69	63	105271	29.654	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	16782	7.663	ug/l	83
36) 1,1-Dichloropropene	5.65	75	12941	4.824	ug/l #	51
38) Carbon Tetrachloride	5.65	117	17563	6.444	ug/l #	16
39) Methylcyclohexane	7.46	83	1710	0.529	ug/l	95
40) Benzene	6.14	78	4014	0.509	ug/l	97
42) 1,2-Dichloroethane	6.19	62	9651	3.220	ug/l	99
43) Isopropyl Acetate	6.33	43	37152	7.083	ug/l #	63
44) Trichloroethene	7.22	130	1839	0.911	ug/l	87
49) 1,4-Dioxane	7.73	88	59044	1035.014	ug/l #	93
76) 1,2,3-Trichloropropane	11.14	75	53437	25.388	ug/l #	39
78) n-propylbenzene	11.35	91	2632	0.361	ug/l	96
79) 2-Chlorotoluene	11.35	91	2632	0.578	ug/l #	42
81) trans-1,4-Dichloro-2-buten	11.14	75	53437	72.756	ug/l #	15
82) 4-Chlorotoluene	11.35	91	2632	0.507	ug/l #	46
83) tert-Butylbenzene	11.76	119	1540	0.294	ug/l	81
84) 1,2,4-Trimethylbenzene	11.80	105	1205	0.220	ug/l	91
85) sec-Butylbenzene	11.94	105	3797	0.623	ug/l	97
86) p-Isopropyltoluene	12.23	119	2807	0.510	ug/l	95
89) n-Butylbenzene	12.39	91	2517	0.519	ug/l #	64

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012744.D

Acq: 01 Oct 2019 19:32

Instrument :

MSVOA_X

ClientSampleId :

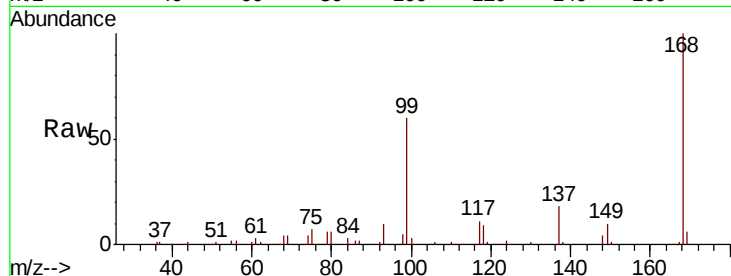
DUP-1

Tot Ion:168 Resp: 158444

Ion Ratio Lower Upper

168 100

99 60.3 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

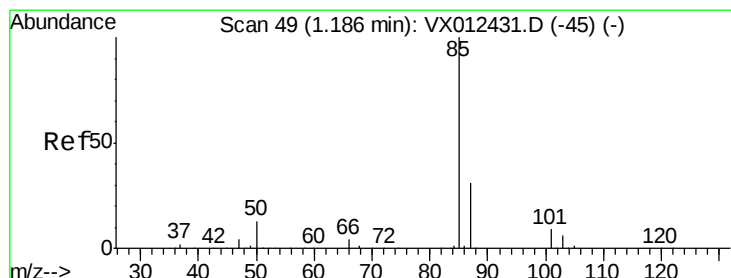
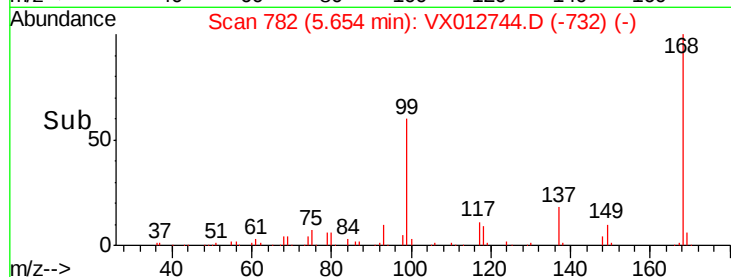
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 0.601 ug/l

RT: 1.44 min Scan# 90

Delta R.T. 0.25 min

Lab File: VX012744.D

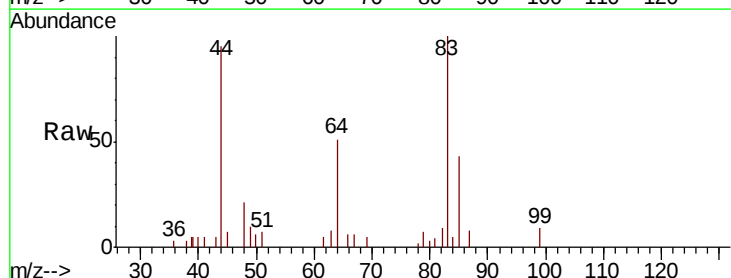
Acq: 01 Oct 2019 19:32

Tgt Ion: 85 Resp: 1071

Ion Ratio Lower Upper

85 100

87 19.3 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.44

1200

1000

800

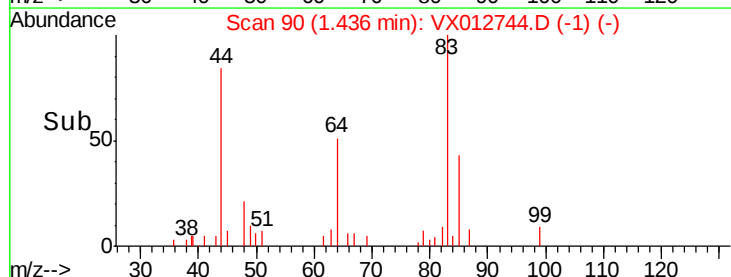
600

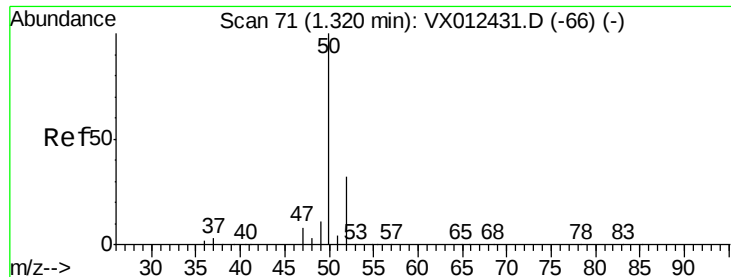
400

200

0

Time--> 1.40 1.42 1.44 1.46





#3

Chloromethane

Concen: 0.693 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012744.D

Acq: 01 Oct 2019 19:32

Instrument :

MSVOA_X

ClientSampleId :

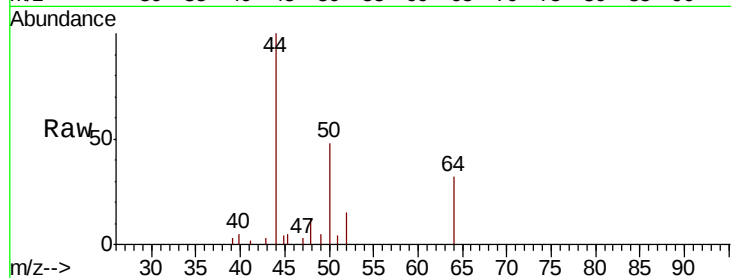
DUP-1

Tot Ion: 50 Resp: 1418

Ion Ratio Lower Upper

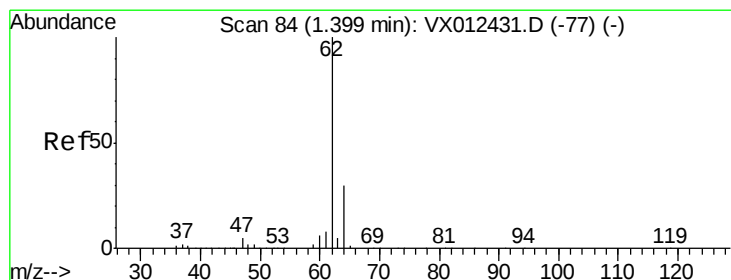
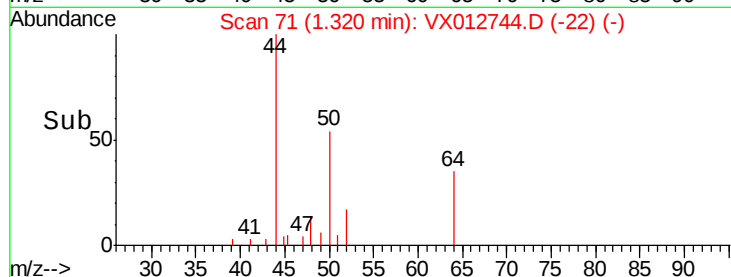
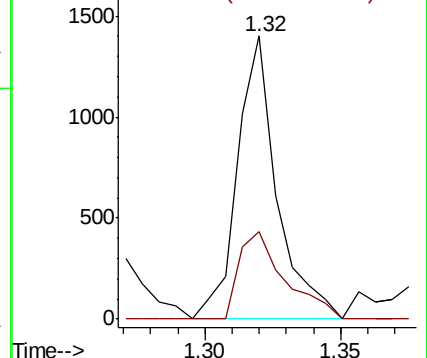
50 100

52 31.1 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 6.048 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012744.D

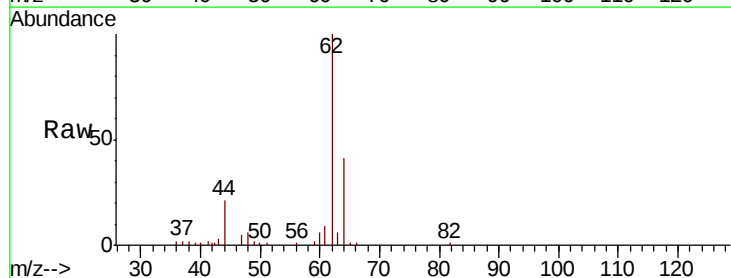
Acq: 01 Oct 2019 19:32

Tgt Ion: 62 Resp: 12305

Ion Ratio Lower Upper

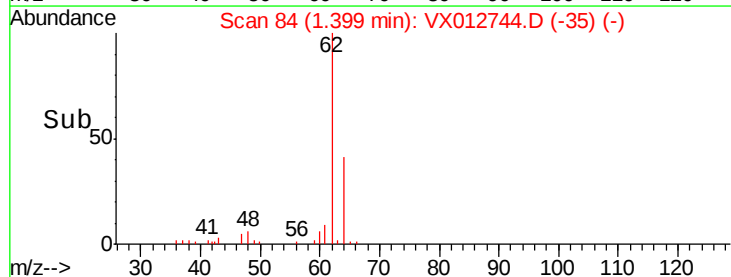
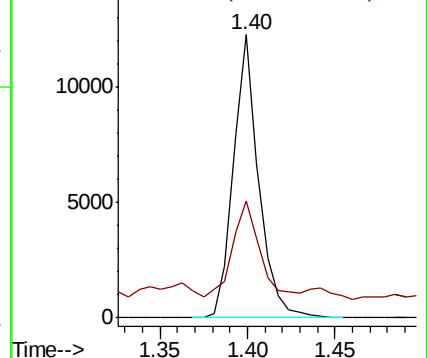
62 100

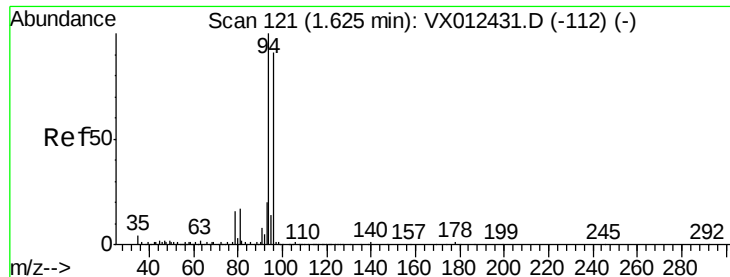
64 33.4 24.2 36.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 0.205 ug/l

RT: 1.65 min Scan# 125

Delta R.T. 0.02 min

Lab File: VX012744.D

Acq: 01 Oct 2019 19:32

Instrument :

MSVOA_X

ClientSampled :

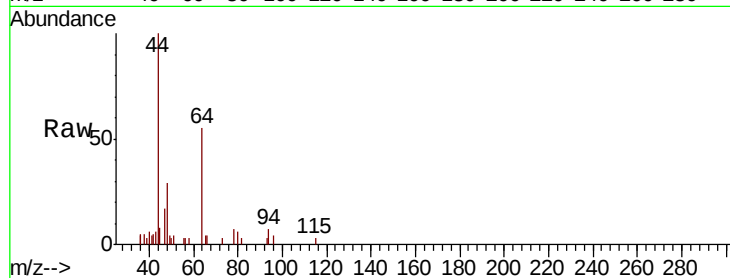
DUP-1

Tot Ion: 94 Resp: 164

Ion Ratio Lower Upper

94 100

96 58.7 72.8 109.2#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

1.66

1.67

1.68

1.69

1.70

1.71

1.72

1.73

1.74

1.75

1.76

1.77

1.78

1.79

1.80

1.81

1.82

1.83

1.84

1.85

1.86

1.87

1.88

1.89

1.90

1.91

1.92

1.93

1.94

1.95

1.96

1.97

1.98

1.99

2.00

2.01

2.02

2.03

2.04

2.05

2.06

2.07

2.08

2.09

2.10

2.11

2.12

2.13

2.14

2.15

2.16

2.17

2.18

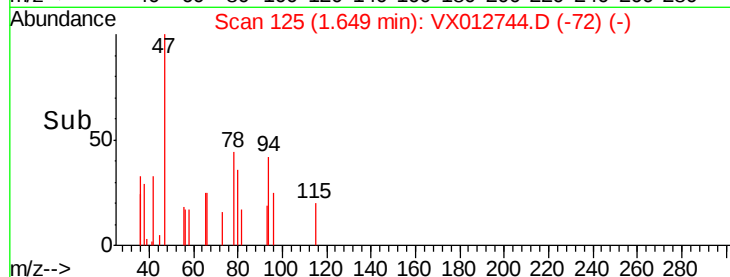
2.19

2.20

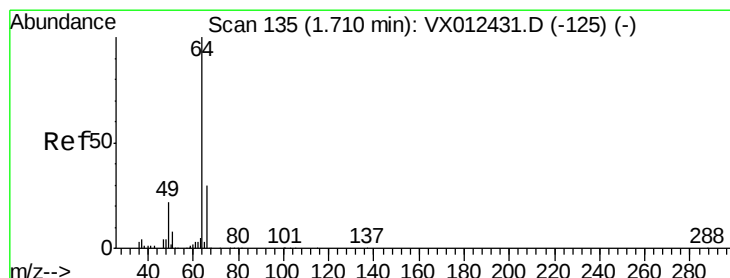
2.21

2.22

2.23



Time-->



#6

Chloroethane

Concen: 1.156 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.01 min

Lab File: VX012744.D

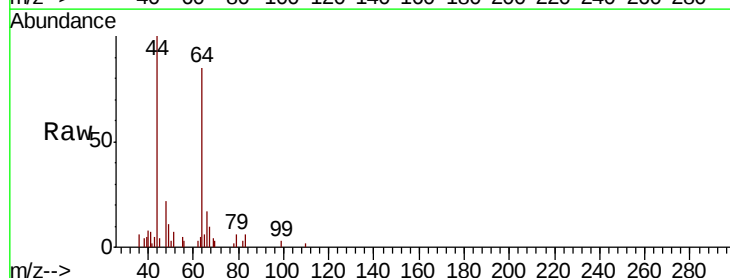
Acq: 01 Oct 2019 19:32

Tgt Ion: 64 Resp: 1586

Ion Ratio Lower Upper

64 100

66 29.5 24.0 36.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

1.73

1.74

1.75

1.76

1.77

1.78

1.79

1.80

1.81

1.82

1.83

1.84

1.85

1.86

1.87

1.88

1.89

1.90

1.91

1.92

1.93

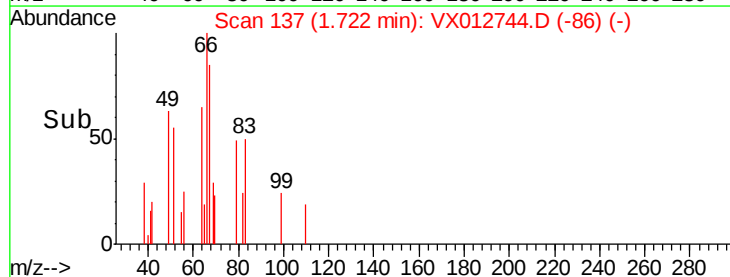
1.94

1.95

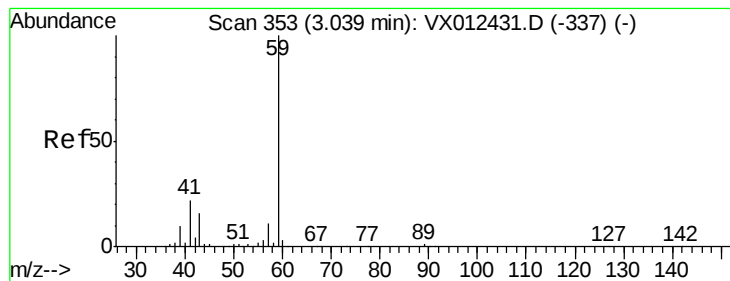
1.96

1.97

1.98



Time-->

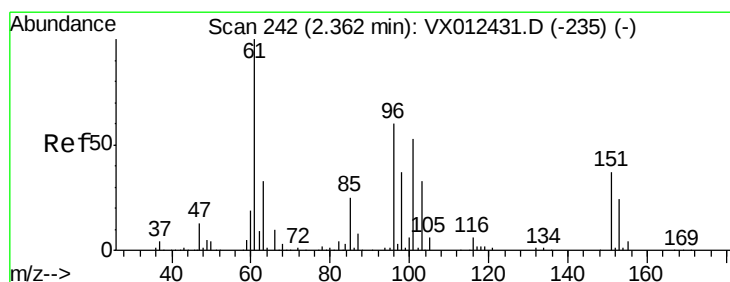
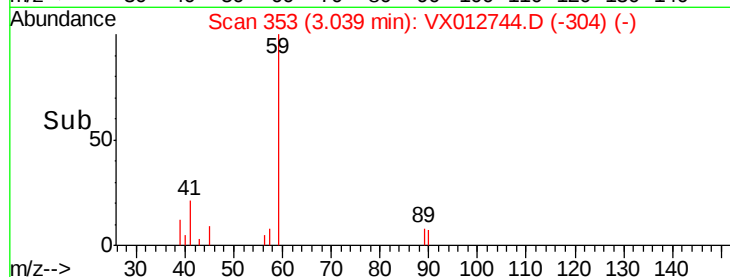
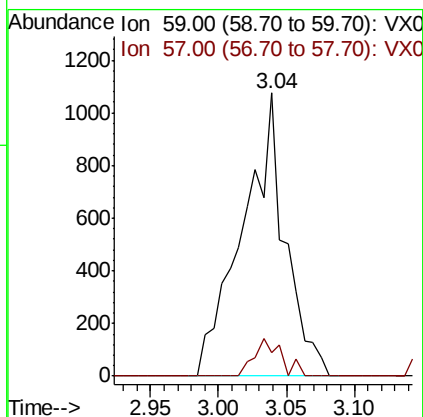
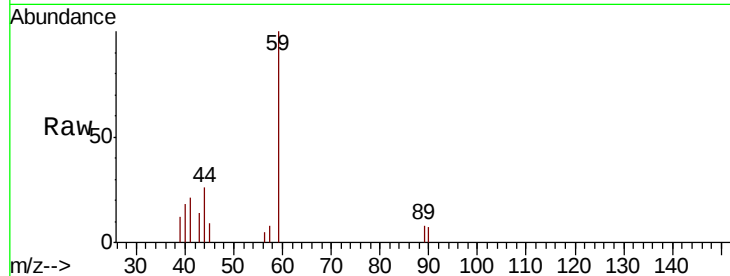


#11

Tert butyl alcohol
Concen: 4.091 ug/l
RT: 3.04 min Scan# 353
Delta R.T. 0.00 min
Lab File: VX012744.D
Acq: 01 Oct 2019 19:32

Instrument :
MSVOA_X
ClientSampleId :
DUP-1

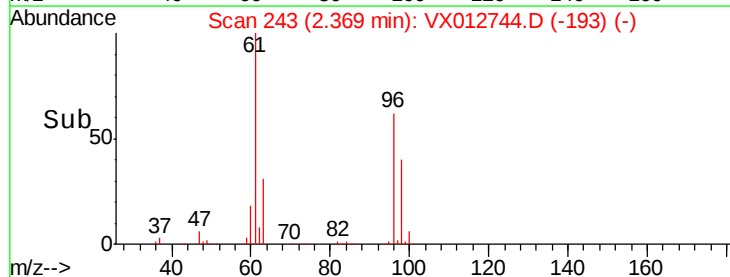
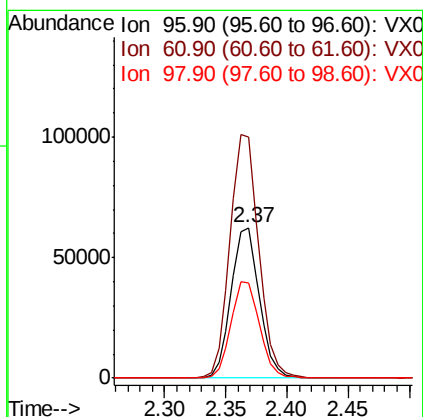
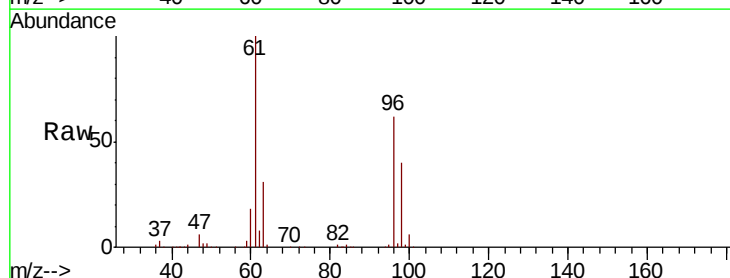
Tot Ion: 59 Resp: 2358
Ion Ratio Lower Upper
59 100
57 8.4 8.3 12.5

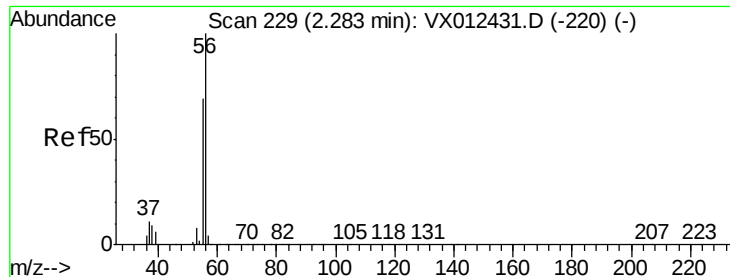


#12

1,1-Dichloroethene
Concen: 58.833 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.01 min
Lab File: VX012744.D
Acq: 01 Oct 2019 19:32

Tgt Ion: 96 Resp: 100225
Ion Ratio Lower Upper
96 100
61 160.6 133.8 200.6
98 63.5 49.9 74.9





#13

Acrolein

Concen: 11.084 ug/l

RT: 2.26 min Scan# 226

Delta R.T. -0.02 min

Lab File: VX012744.D

Acq: 01 Oct 2019 19:32

Instrument :

MSVOA_X

ClientSampled :

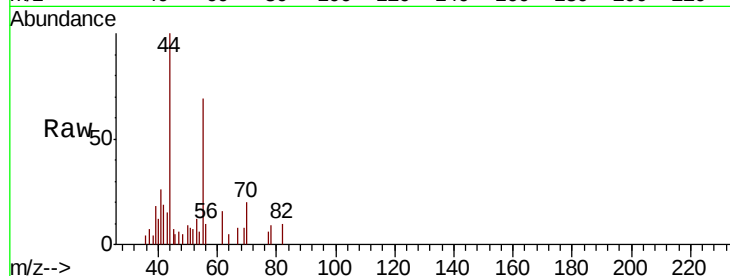
DUP-1

Tot Ion: 56 Resp: 285

Ion Ratio Lower Upper

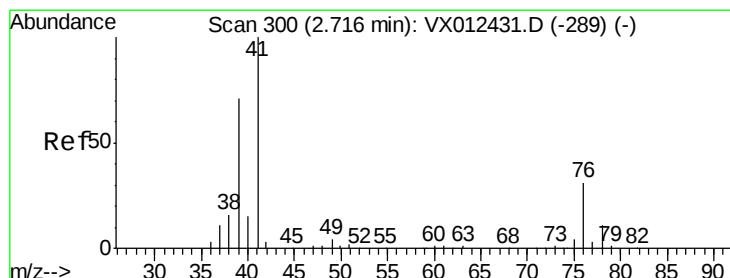
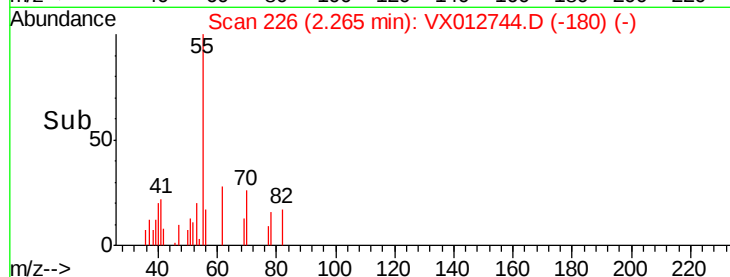
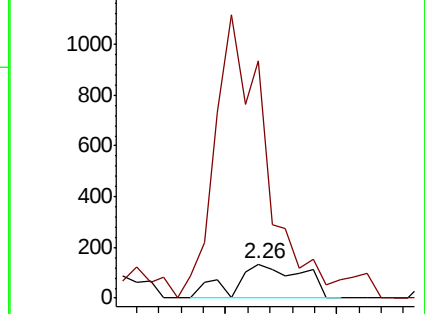
56 100

55 619.3 55.8 83.8#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 1.672 ug/l

RT: 2.59 min Scan# 280

Delta R.T. -0.12 min

Lab File: VX012744.D

Acq: 01 Oct 2019 19:32

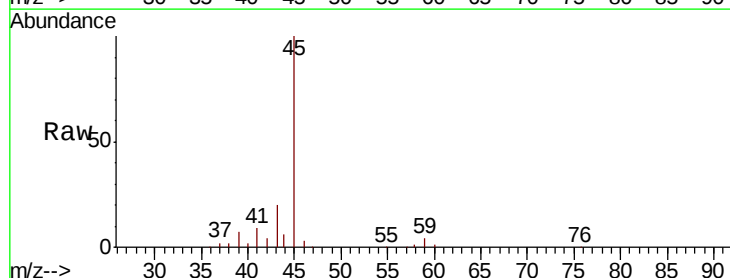
Tgt Ion: 41 Resp: 5650

Ion Ratio Lower Upper

41 100

39 84.0 51.3 76.9#

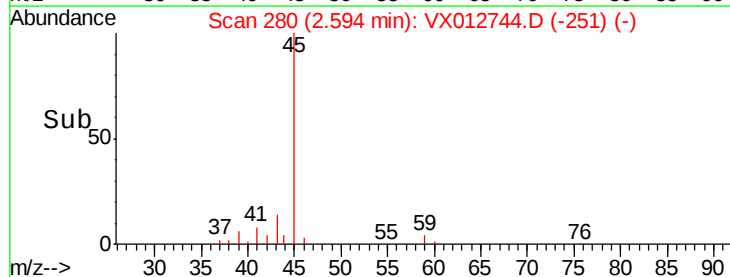
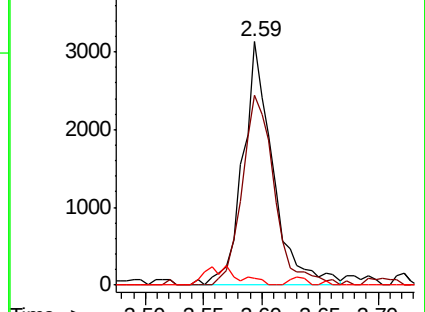
76 0.0 22.6 33.8#

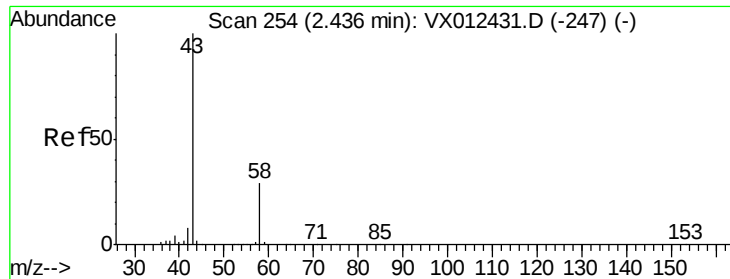


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#16

Acetone

Concen: 10.096 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX012744.D

Acq: 01 Oct 2019 19:32

Instrument :

MSVOA_X

ClientSampleId :

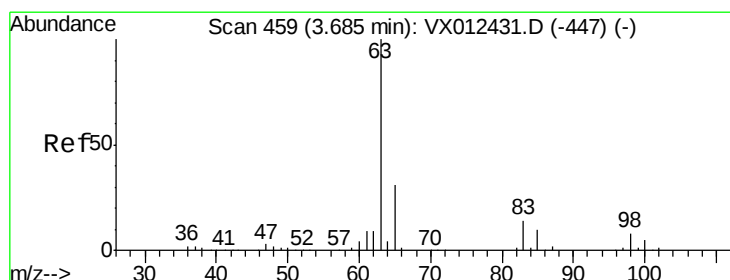
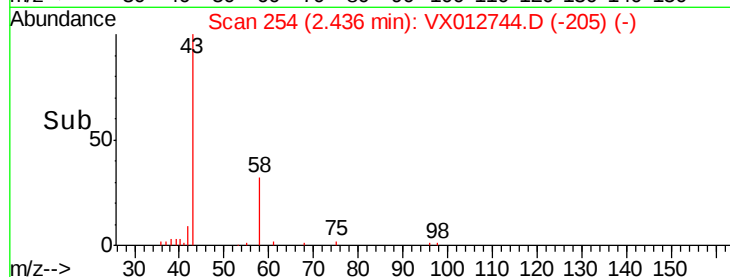
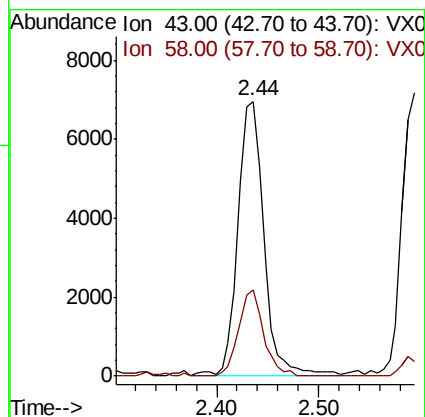
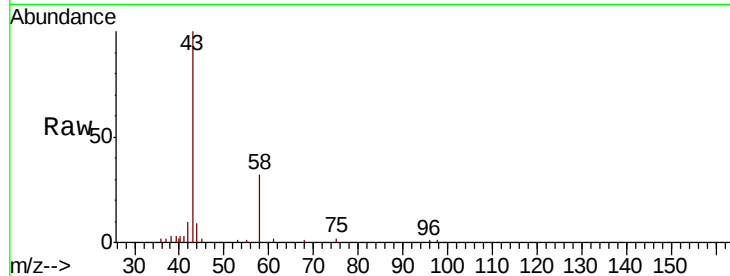
DUP-1

Tot Ion: 43 Resp: 12338

Ion Ratio Lower Upper

43 100

58 31.7 23.3 34.9



#24

1,1-Dichloroethane

Concen: 29.654 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012744.D

Acq: 01 Oct 2019 19:32

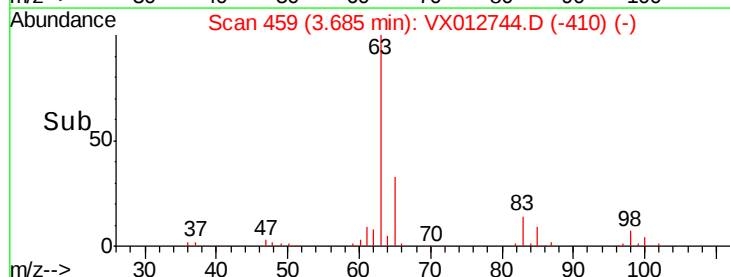
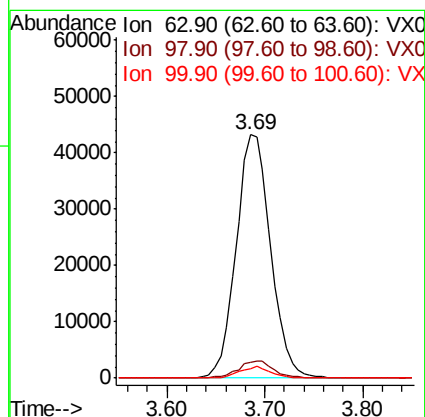
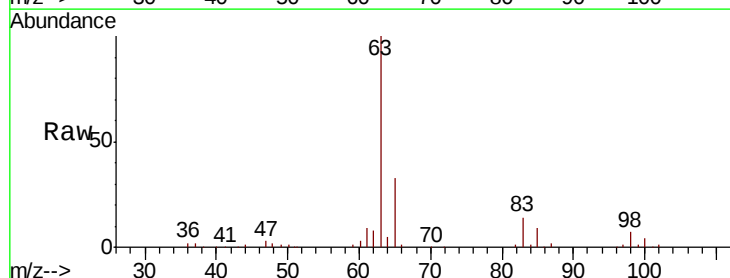
Tgt Ion: 63 Resp: 105271

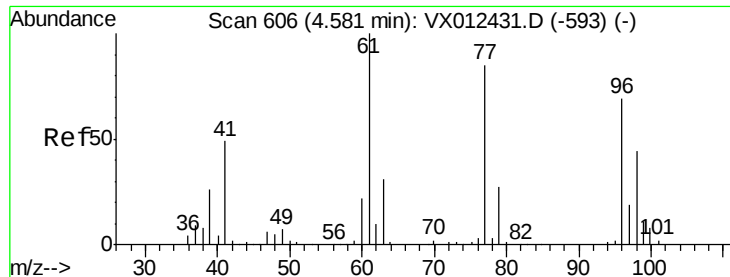
Ion Ratio Lower Upper

63 100

98 6.7 3.9 11.7

100 3.8 2.3 6.9



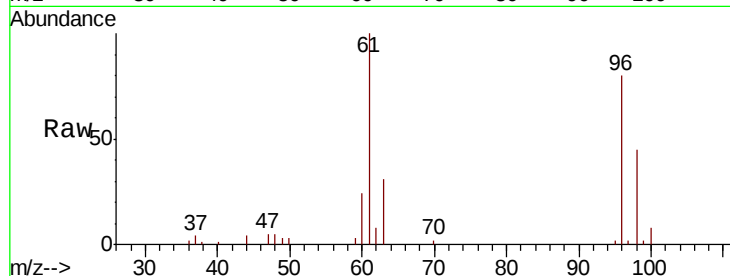


#27

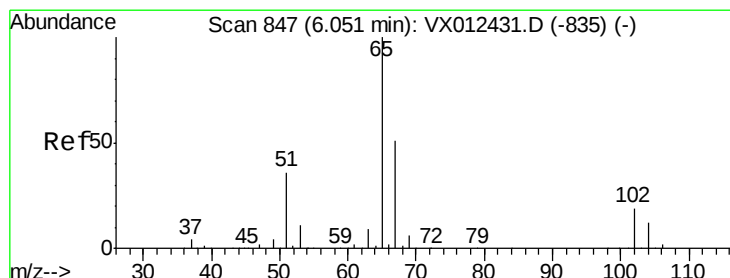
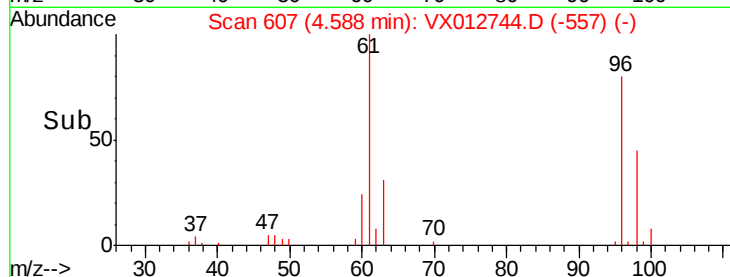
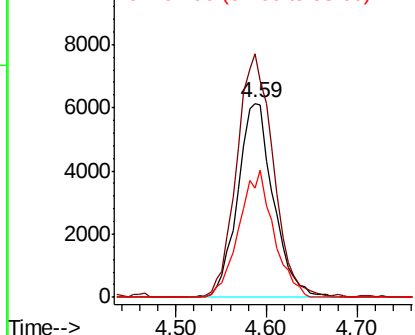
cis-1,2-Dichloroethene
 Concen: 7.663 ug/l
 RT: 4.59 min Scan# 607
 Delta R.T. 0.01 min
 Lab File: VX012744.D
 Acq: 01 Oct 2019 19:32

Instrument :
 MSVOA_X
 ClientSampled :
 DUP-1

Tot Ion: 96 Resp: 16782
 Ion Ratio Lower Upper
 96 100
 61 128.5 0.0 319.4
 98 63.4 0.0 130.6



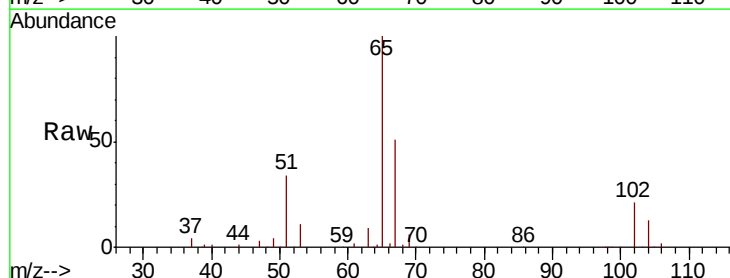
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



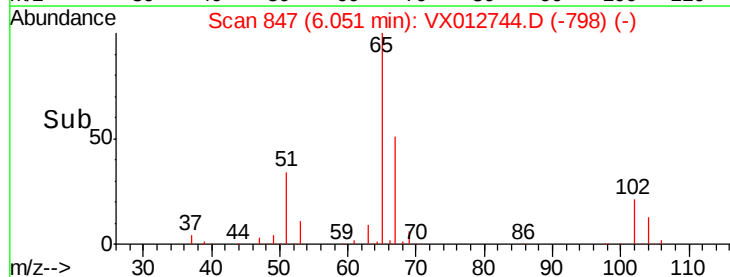
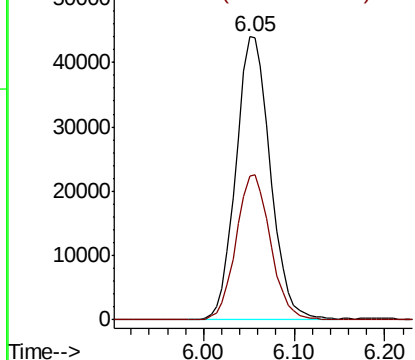
#33

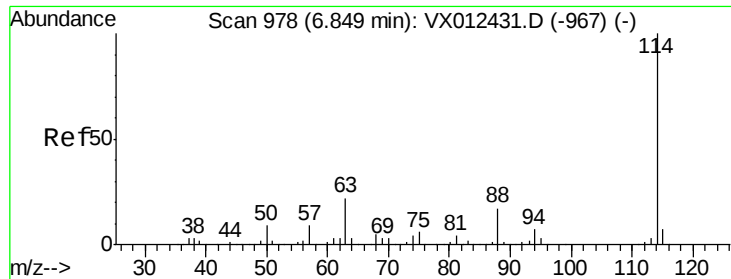
1,2-Dichloroethane-d4
 Concen: 50.132 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX012744.D
 Acq: 01 Oct 2019 19:32

Tgt Ion: 65 Resp: 115667
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 101.2



Abundance Ion 64.90 (64.60 to 65.60): VX0
 Ion 66.90 (66.60 to 67.60): VX0

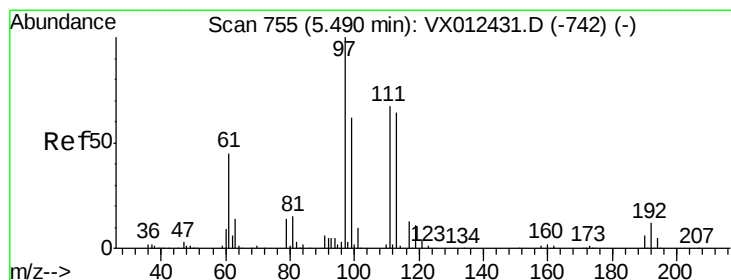
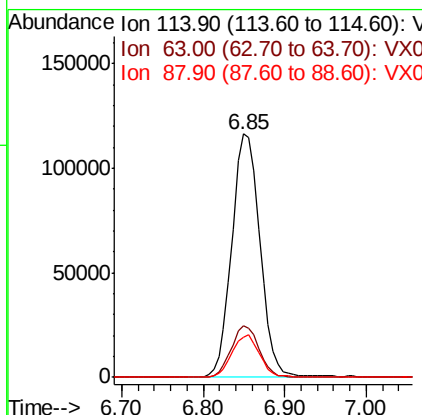
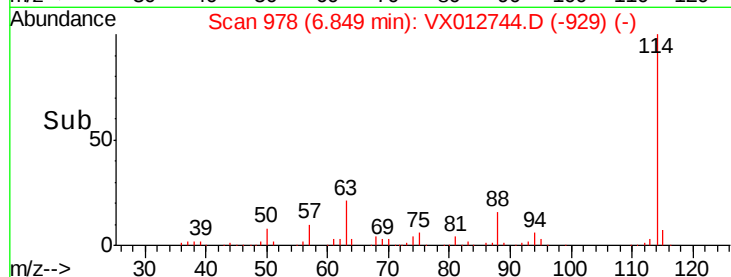
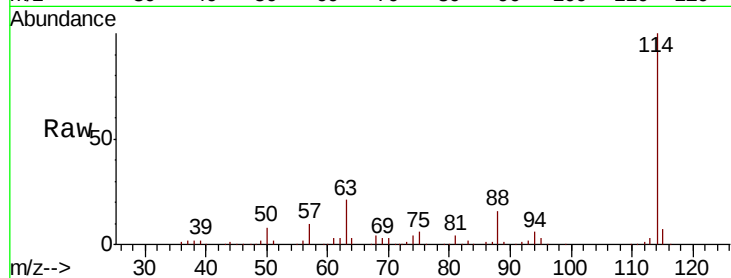




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012744.D
 Acq: 01 Oct 2019 19:32

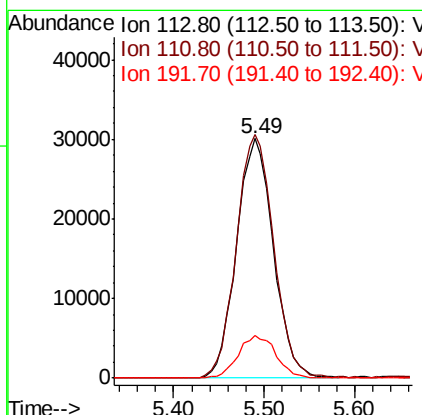
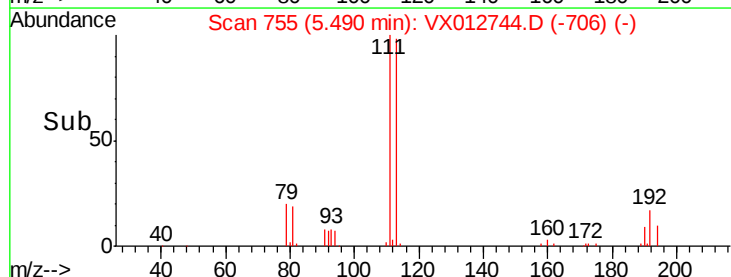
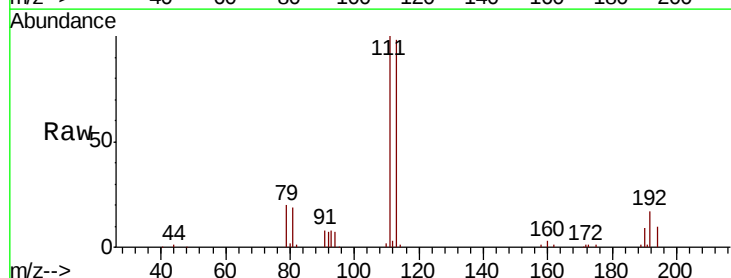
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-1

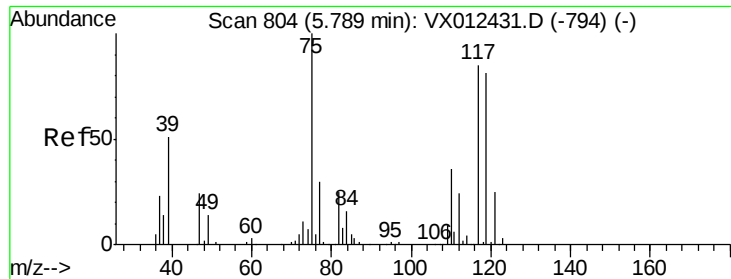
Tot Ion:114	Resp:	278336
Ion Ratio	Lower	Upper
114 100		
63 21.3	0.0	43.2
88 16.2	0.0	33.2



#35
 Dibromofluoromethane
 Concen: 51.134 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX012744.D
 Acq: 01 Oct 2019 19:32

Tgt Ion:113	Resp:	84761
Ion Ratio	Lower	Upper
113 100		
111 103.0	83.4	125.2
192 18.1	14.4	21.6





#36

1,1-Dichloropropene

Concen: 4.824 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.13 min

Lab File: VX012744.D

Acq: 01 Oct 2019 19:32

Instrument :

MSVOA_X

ClientSampled :

DUP-1

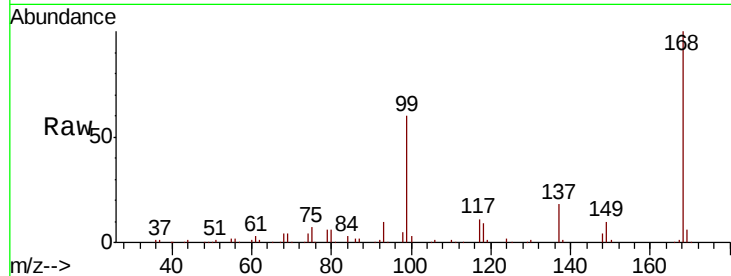
Tot Ion: 75 Resp: 12941

Ion Ratio Lower Upper

75 100

110 9.2 16.7 50.0#

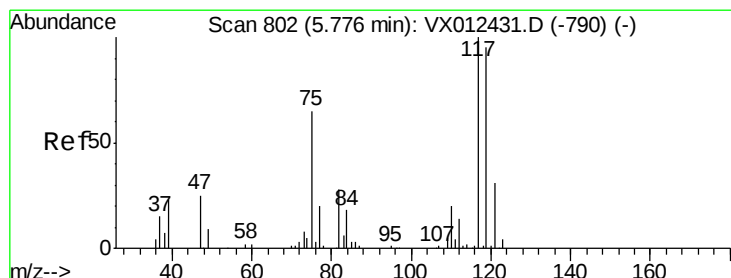
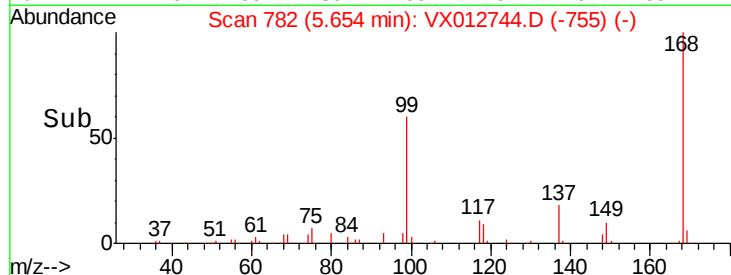
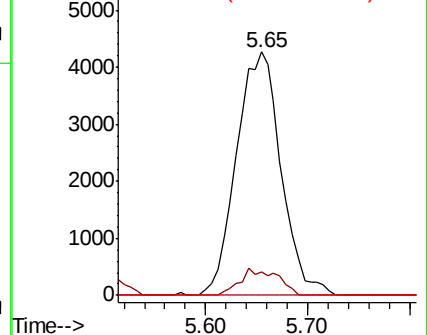
77 0.0 24.2 36.2#



Abundance Ion 74.90 (74.60 to 75.60): VX012744.D (-755) (-)

Ion 109.90 (109.60 to 110.60): VX012744.D (-755) (-)

Ion 76.90 (76.60 to 77.60): VX012744.D (-755) (-)



#38

Carbon Tetrachloride

Concen: 6.444 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.12 min

Lab File: VX012744.D

Acq: 01 Oct 2019 19:32

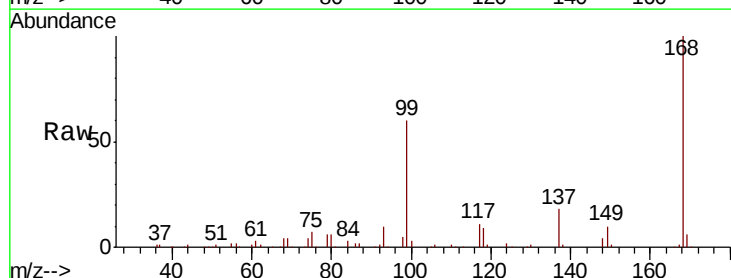
Tgt Ion: 117 Resp: 17563

Ion Ratio Lower Upper

117 100

119 4.8 75.7 113.5#

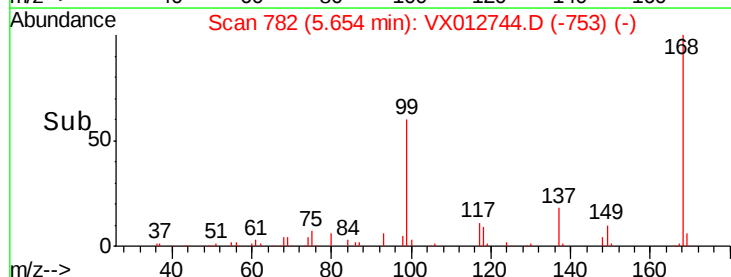
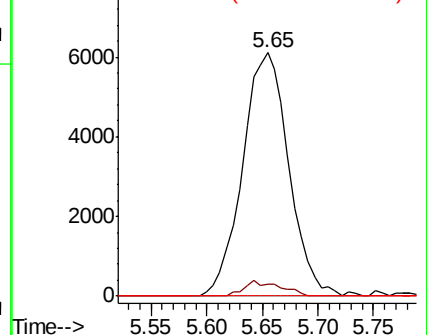
121 0.0 24.2 36.4#

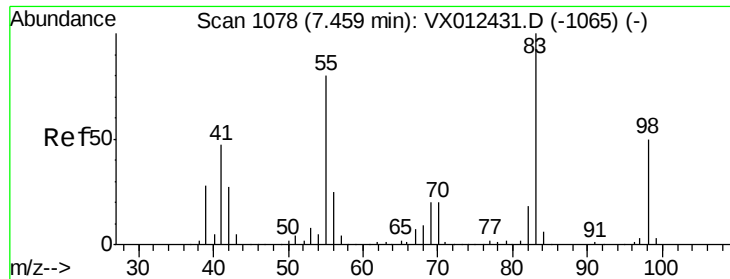


Abundance Ion 116.80 (116.50 to 117.50): VX012744.D (-753) (-)

Ion 118.80 (118.50 to 119.50): VX012744.D (-753) (-)

Ion 120.80 (120.50 to 121.50): VX012744.D (-753) (-)

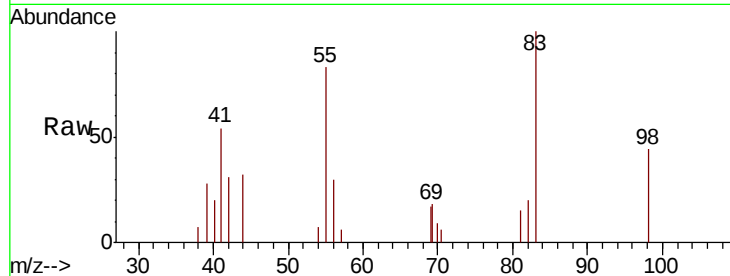




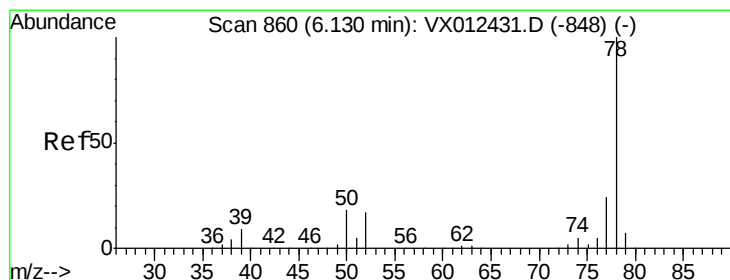
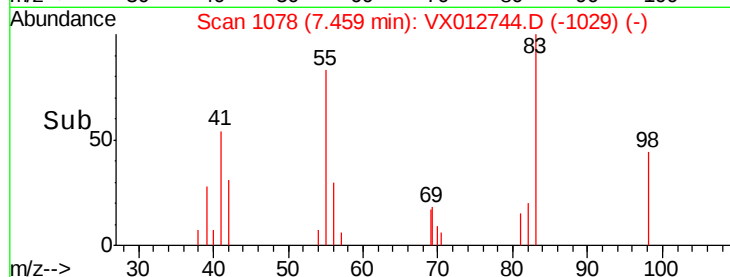
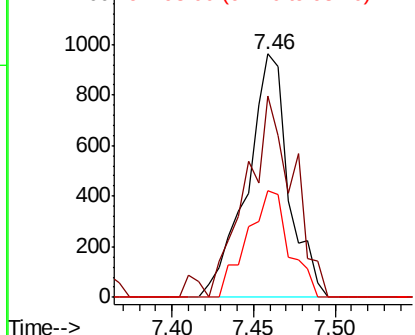
#39
Methvlcvclohexane
Concen: 0.529 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX012744.D
Acq: 01 Oct 2019 19:32

Instrument :
MSVOA_X
ClientSampled :
DUP-1

Tot Ion: 83 Resp: 1710
Ion Ratio Lower Upper
83 100
55 82.7 64.4 96.6
98 43.9 40.1 60.1

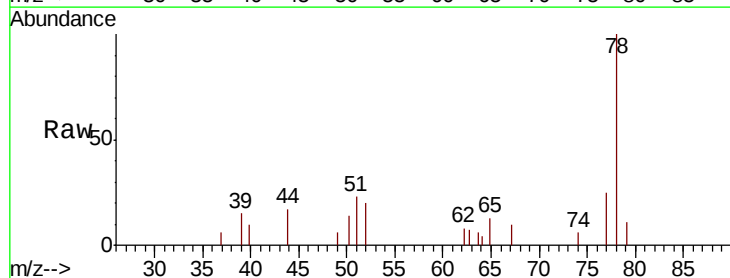


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

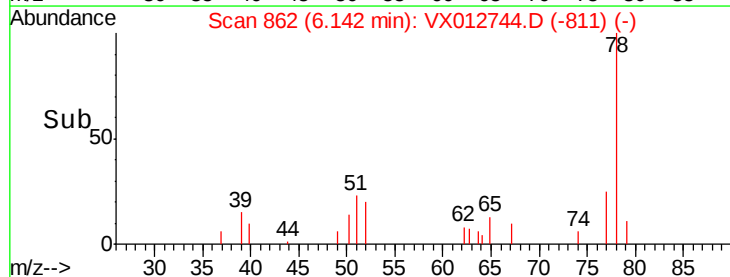
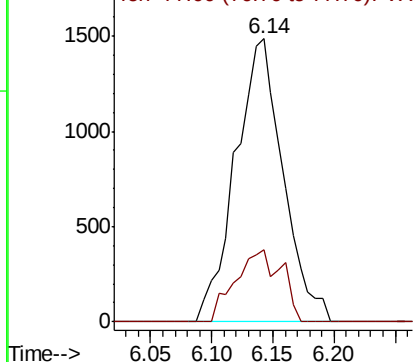


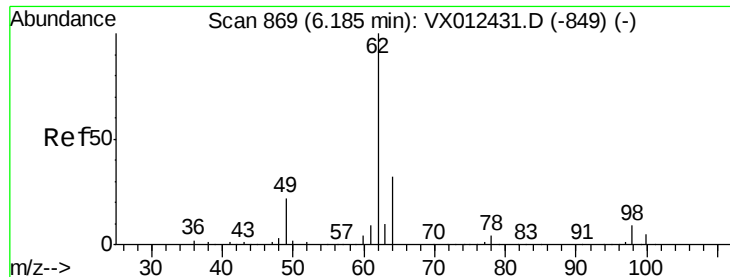
#40
Benzene
Concen: 0.509 ug/l
RT: 6.14 min Scan# 862
Delta R.T. 0.01 min
Lab File: VX012744.D
Acq: 01 Oct 2019 19:32

Tgt Ion: 78 Resp: 4014
Ion Ratio Lower Upper
78 100
77 25.4 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

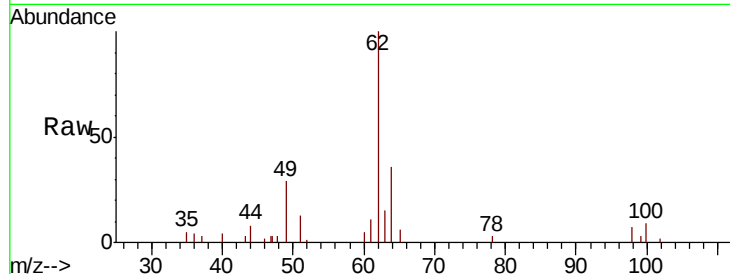




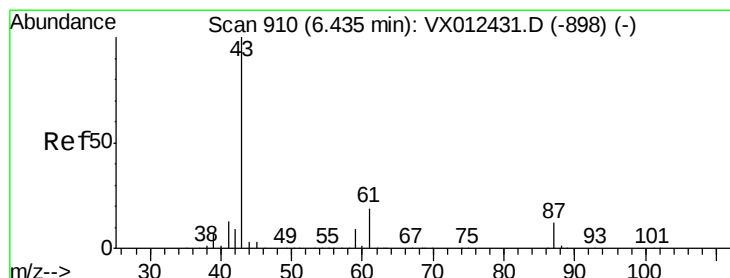
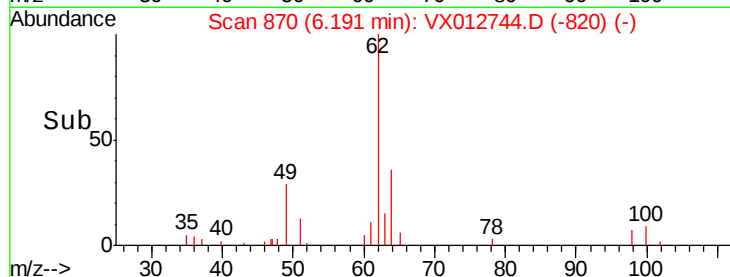
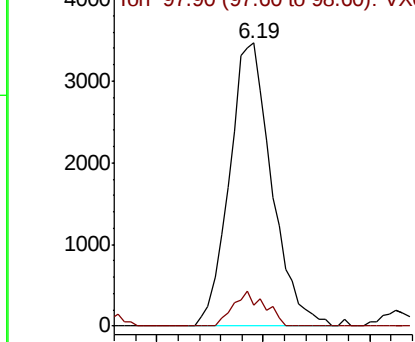
#42
 1,2-Dichloroethane
 Concen: 3.220 ug/l
 RT: 6.19 min Scan# 870
 Delta R.T. 0.01 min
 Lab File: VX012744.D
 Acq: 01 Oct 2019 19:32

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-1

Tot Ion: 62 Resp: 9651
 Ion Ratio Lower Upper
 62 100
 98 9.1 0.0 17.8

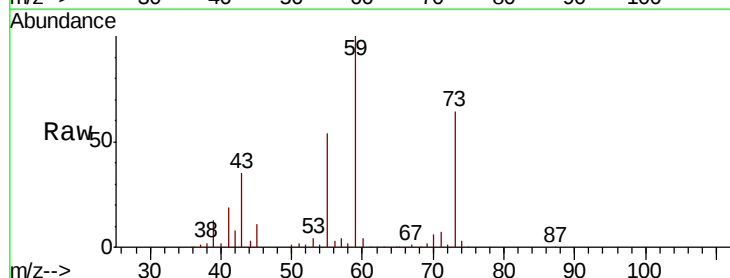


Abundance Ion 61.90 (61.60 to 62.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0

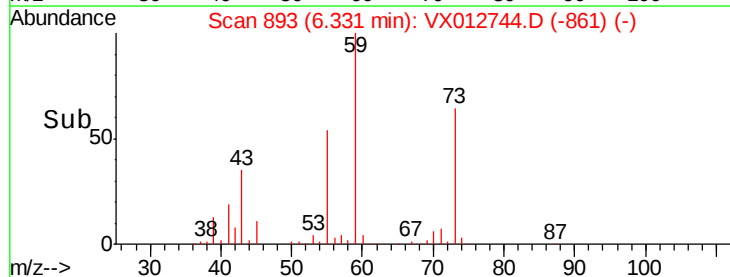
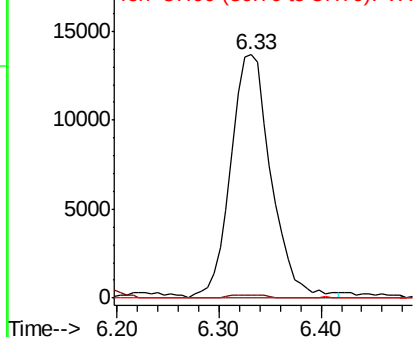


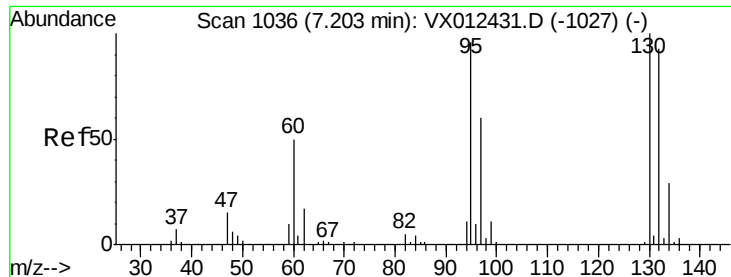
#43
 Isopropyl Acetate
 Concen: 7.083 ug/l
 RT: 6.33 min Scan# 893
 Delta R.T. -0.10 min
 Lab File: VX012744.D
 Acq: 01 Oct 2019 19:32

Tgt Ion: 43 Resp: 37152
 Ion Ratio Lower Upper
 43 100
 61 0.8 15.4 23.0#
 87 0.1 9.8 14.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0





#44

Trichloroethene

Concen: 0.911 ug/l

RT: 7.22 min Scan# 1038

Delta R.T. 0.01 min

Lab File: VX012744.D

Acq: 01 Oct 2019 19:32

Instrument :

MSVOA_X

ClientSampled :

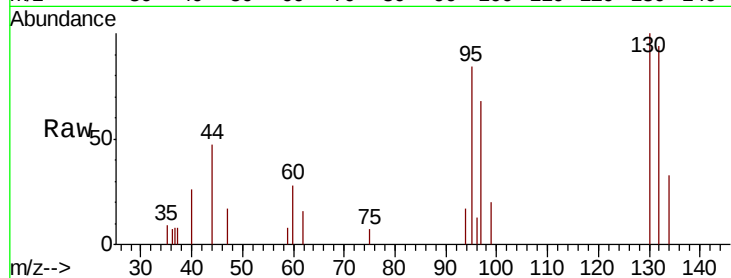
DUP-1

Tot Ion:130 Resp: 1839

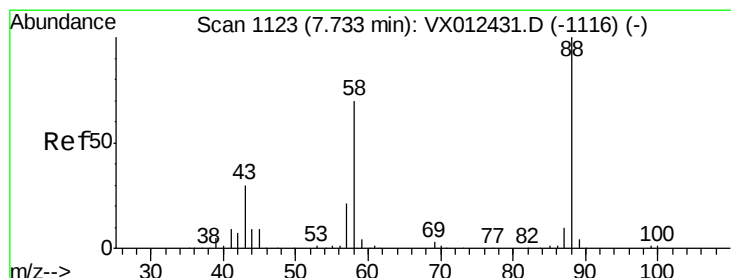
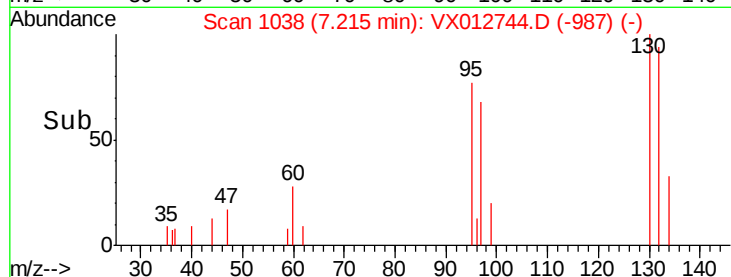
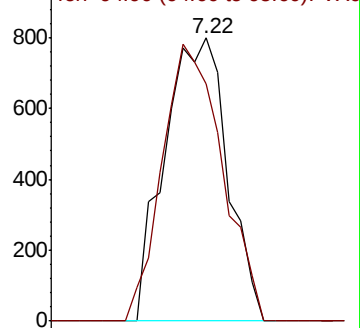
Ion Ratio Lower Upper

130 100

95 83.8 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): V



#49

1,4-Dioxane

Concen: 1035.014 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX012744.D

Acq: 01 Oct 2019 19:32

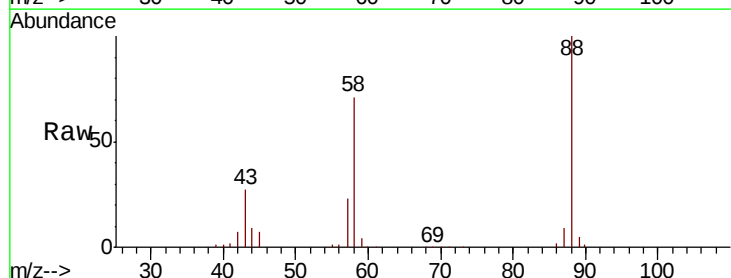
Tgt Ion: 88 Resp: 59044

Ion Ratio Lower Upper

88 100

43 27.6 29.4 44.0#

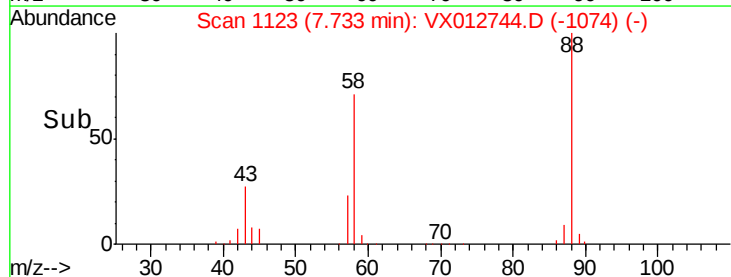
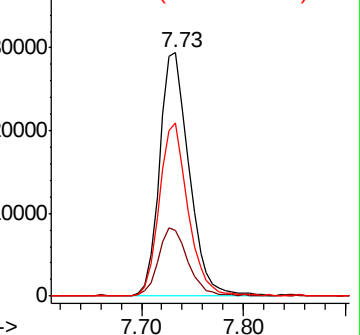
58 69.6 57.5 86.3

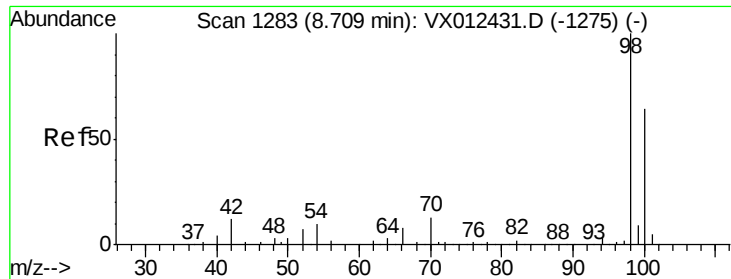


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

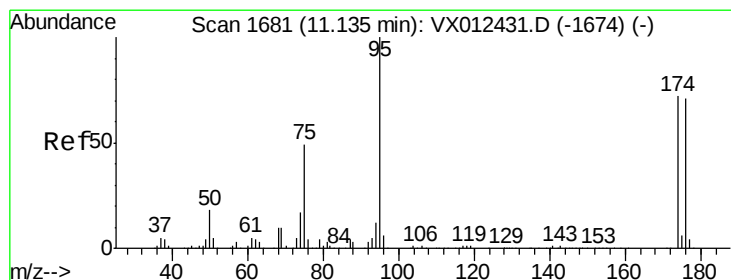
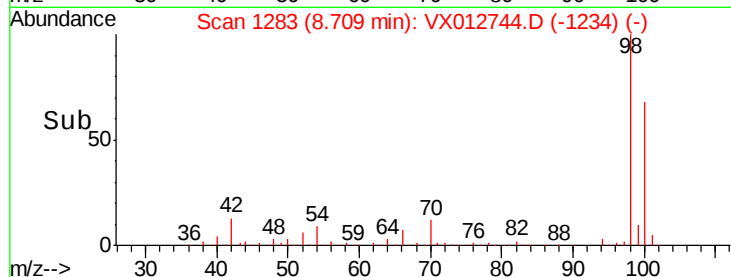
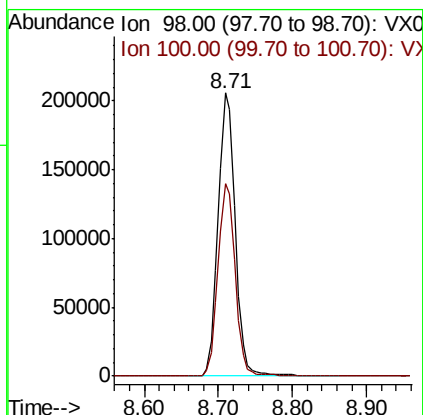
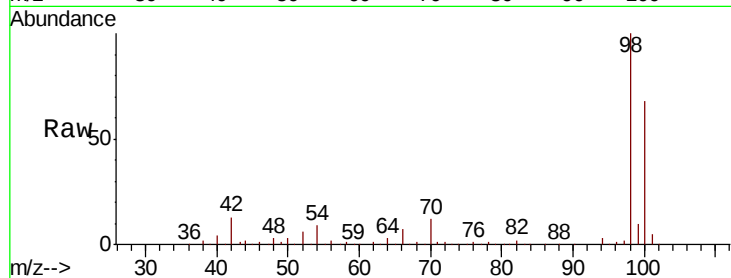




#50
Toluene-d8
Concen: 51.262 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012744.D
Acq: 01 Oct 2019 19:32

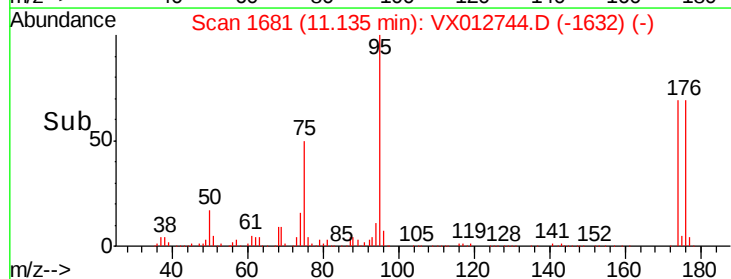
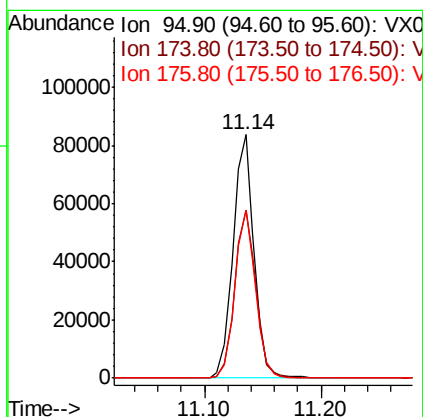
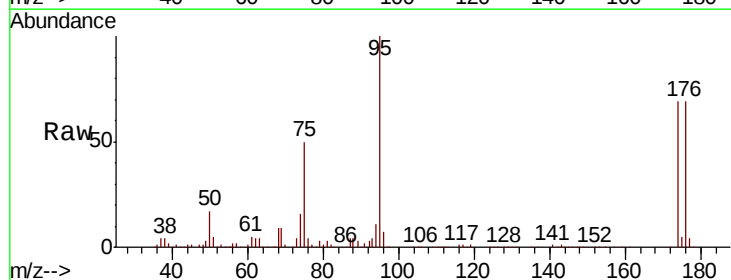
Instrument :
MSVOA_X
ClientSampleId :
DUP-1

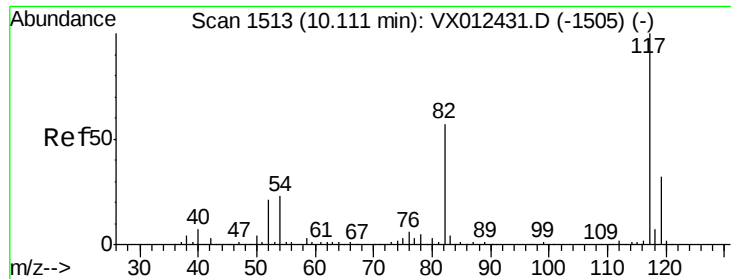
Tot Ion: 98 Resp: 327232
Ion Ratio Lower Upper
98 100
100 68.5 53.4 80.2



#62
4-Bromofluorobenzene
Concen: 41.764 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX012744.D
Acq: 01 Oct 2019 19:32

Tgt Ion: 95 Resp: 104828
Ion Ratio Lower Upper
95 100
174 70.0 0.0 140.0
176 68.0 0.0 135.4

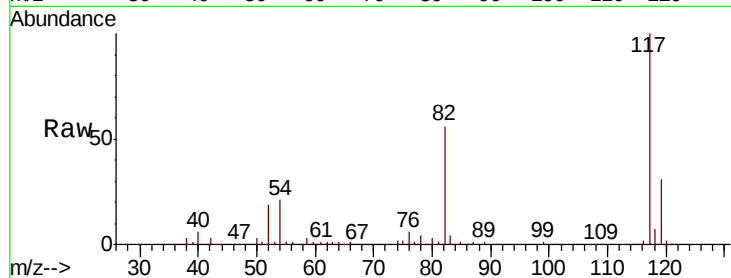




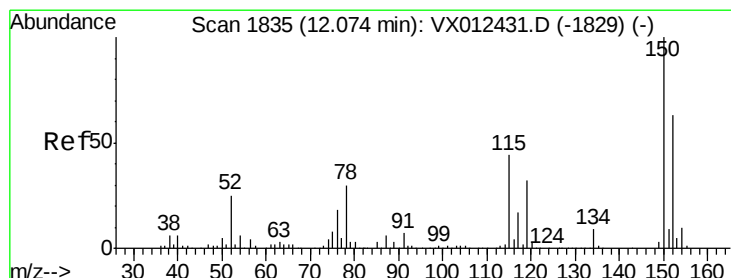
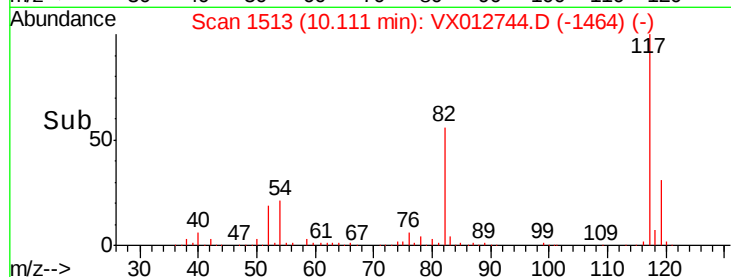
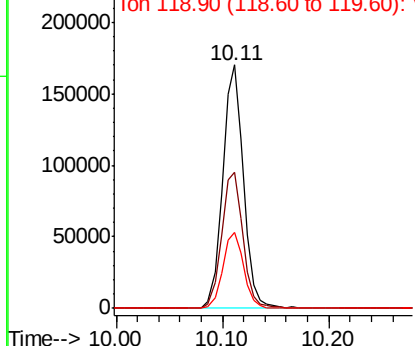
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012744.D
Acq: 01 Oct 2019 19:32

Instrument :
MSVOA_X
ClientSampled :
DUP-1

Tot Ion:117 Resp: 231816
Ion Ratio Lower Upper
117 100
82 55.7 45.9 68.9
119 31.4 25.3 37.9

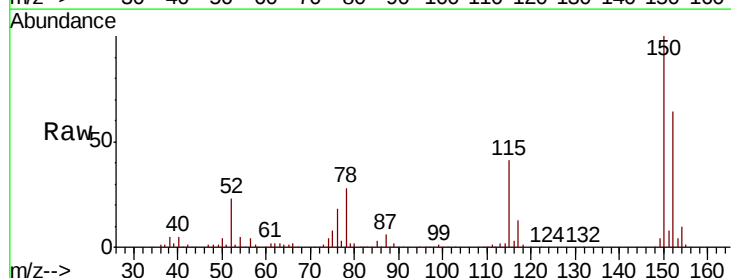


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

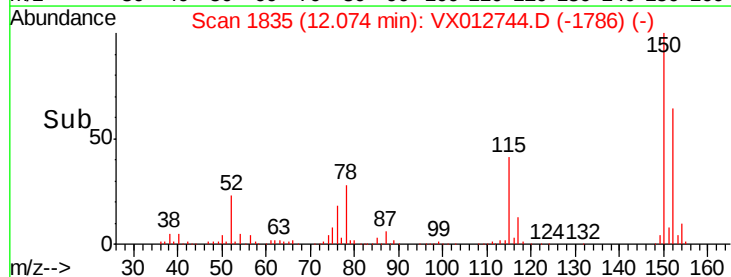
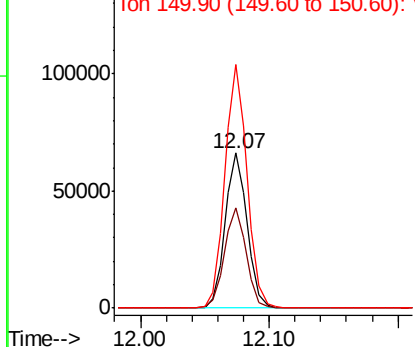


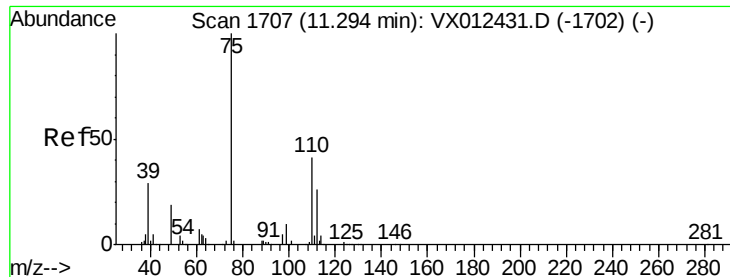
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012744.D
Acq: 01 Oct 2019 19:32

Tgt Ion:152 Resp: 79570
Ion Ratio Lower Upper
152 100
115 64.3 44.1 132.3
150 158.3 0.0 343.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 25.388 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.16 min

Lab File: VX012744.D

Acq: 01 Oct 2019 19:32

Instrument :

MSVOA_X

ClientSampled :

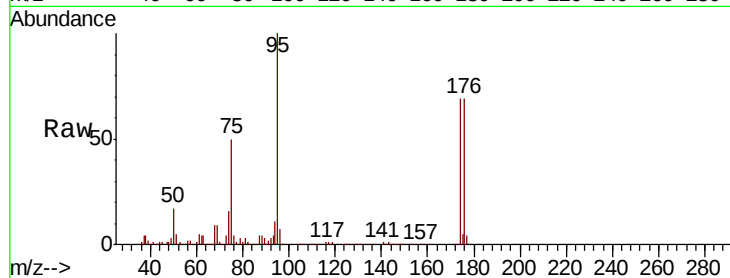
DUP-1

Tot Ion: 75 Resp: 53437

Ion Ratio Lower Upper

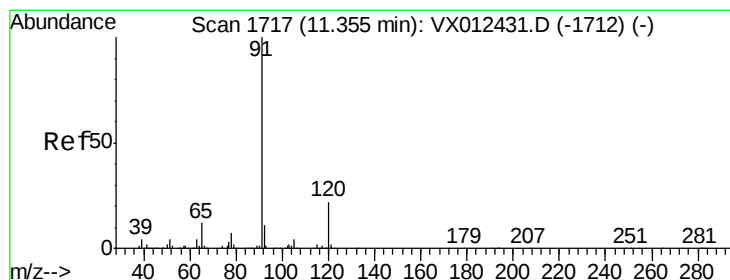
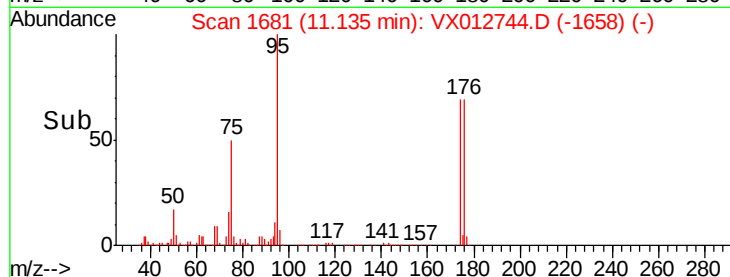
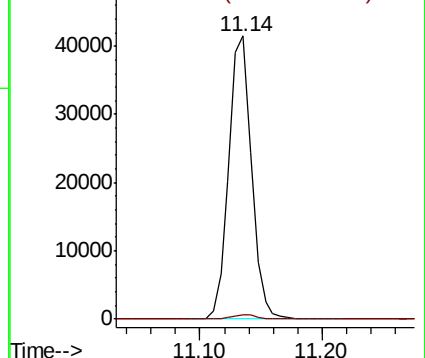
75 100

77 1.9 19.7 59.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#78

n-propylbenzene

Concen: 0.361 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012744.D

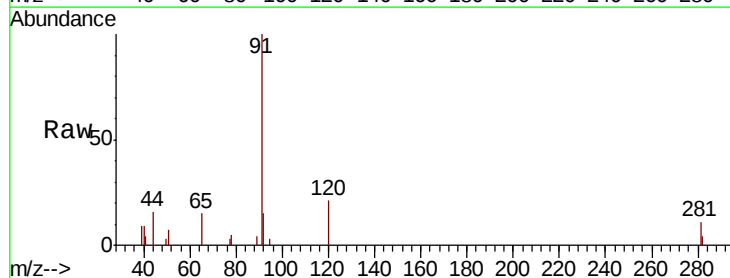
Acq: 01 Oct 2019 19:32

Tgt Ion: 91 Resp: 2632

Ion Ratio Lower Upper

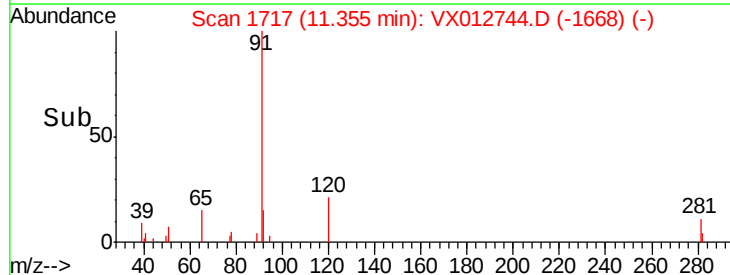
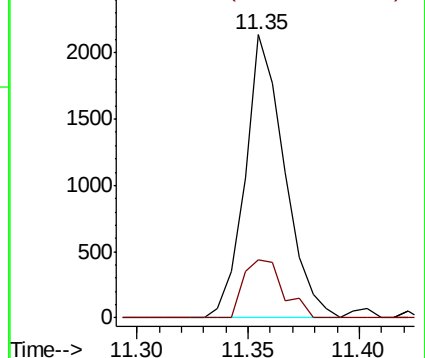
91 100

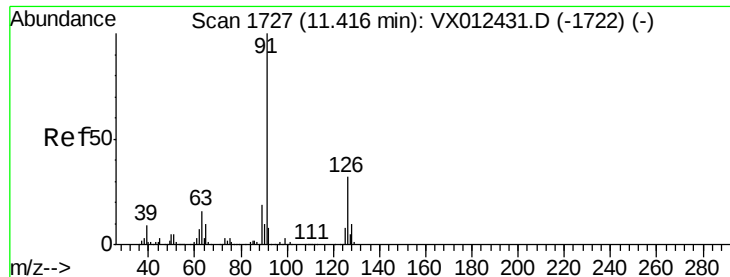
120 20.8 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

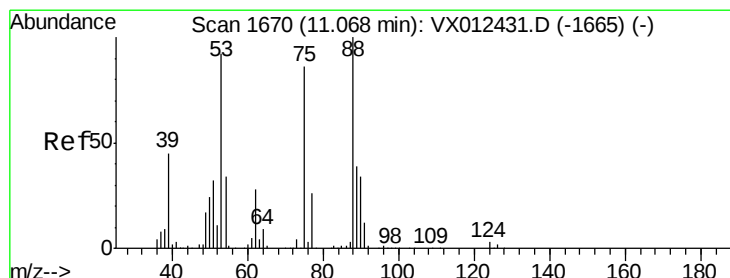
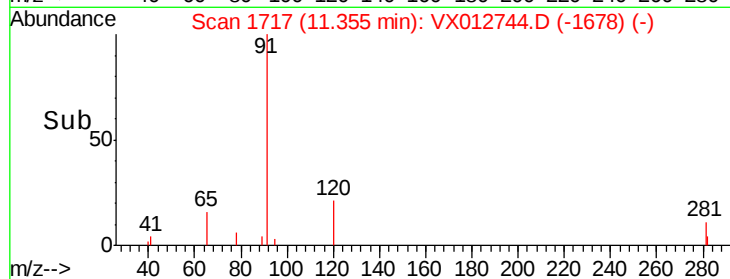
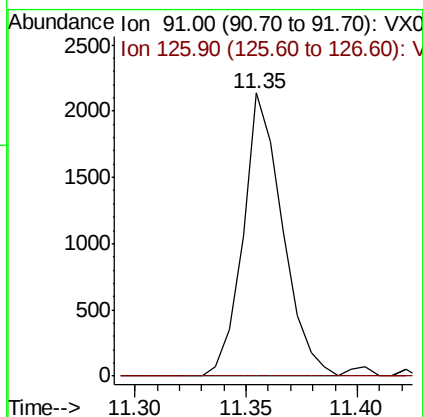
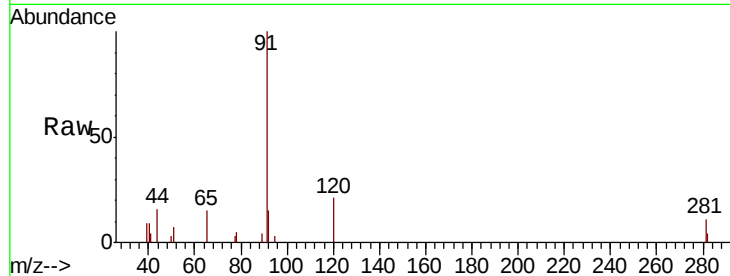




#79
2-Chlorotoluene
Concen: 0.578 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. -0.06 min
Lab File: VX012744.D
Acq: 01 Oct 2019 19:32

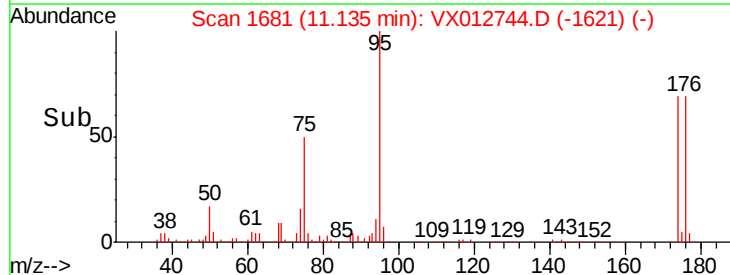
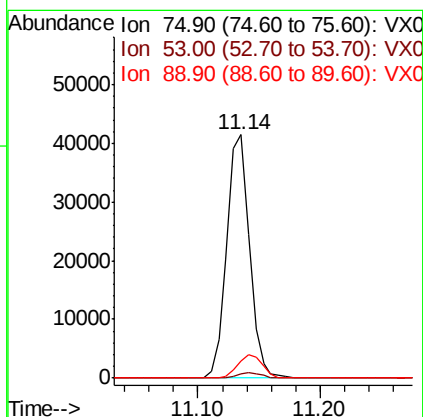
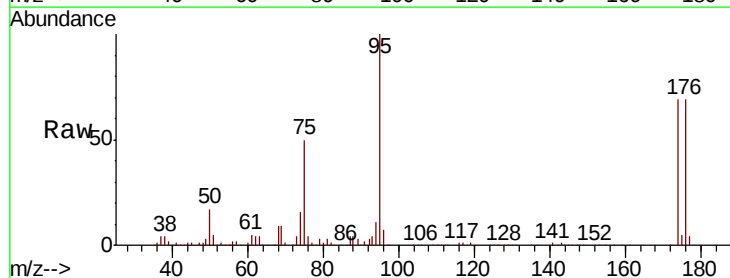
Instrument :
MSVOA_X
ClientSampleId :
DUP-1

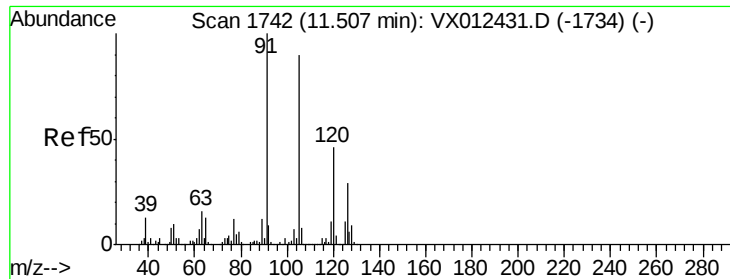
Tot Ion: 91 Resp: 2632
Ion Ratio Lower Upper
91 100
126 0.0 16.4 49.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.756 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.07 min
Lab File: VX012744.D
Acq: 01 Oct 2019 19:32

Tgt Ion: 75 Resp: 53437
Ion Ratio Lower Upper
75 100
53 2.5 83.6 125.4#
89 10.4 36.3 54.5#





#82

4-Chlorotoluene

Concen: 0.507 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.15 min

Lab File: VX012744.D

Acq: 01 Oct 2019 19:32

Instrument :

MSVOA_X

ClientSampleId :

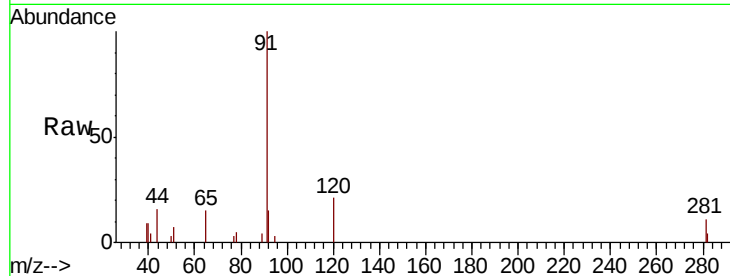
DUP-1

Tot Ion: 91 Resp: 2632

Ion Ratio Lower Upper

91 100

126 0.0 14.4 43.0#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

2500

2000

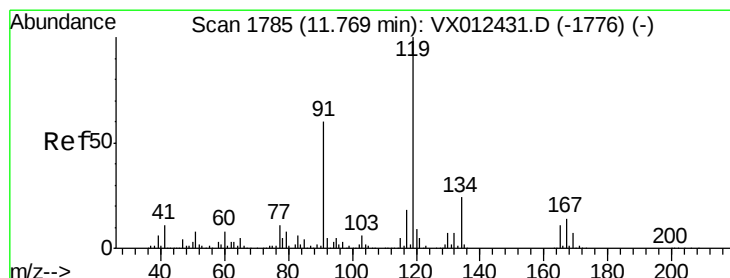
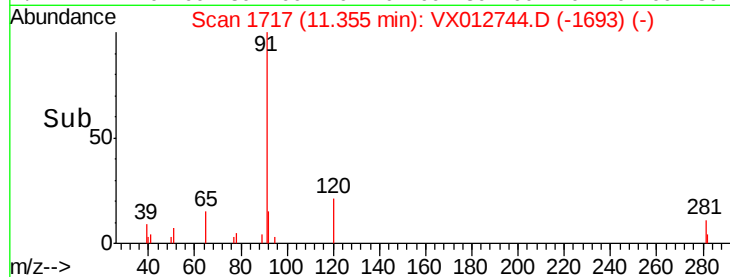
1500

1000

500

0

Time--> 11.30 11.35 11.40



#83

tert-Butylbenzene

Concen: 0.294 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VX012744.D

Acq: 01 Oct 2019 19:32

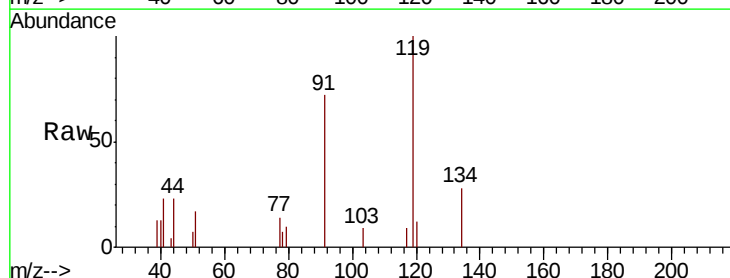
Tgt Ion: 119 Resp: 1540

Ion Ratio Lower Upper

119 100

91 77.6 30.0 90.0

134 26.2 11.3 33.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V

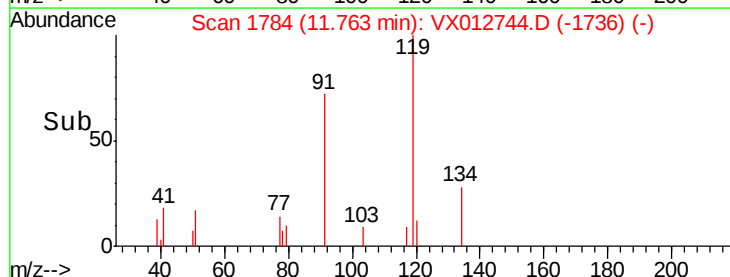
1500

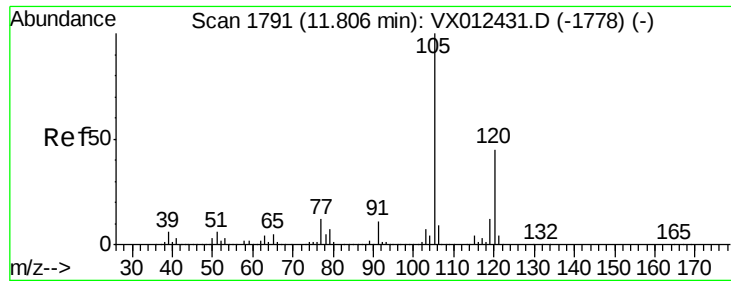
1000

500

0

Time--> 11.75 11.80

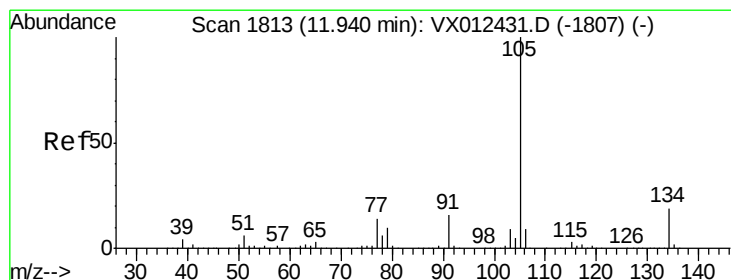
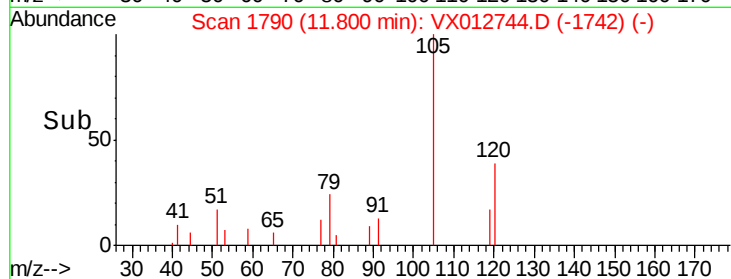
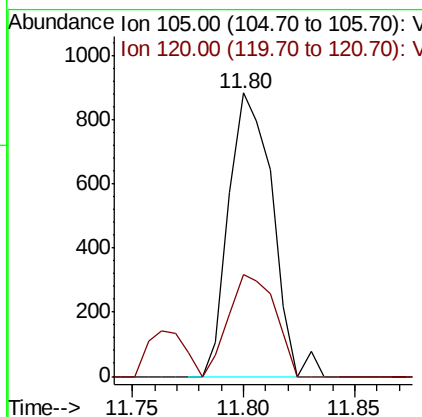
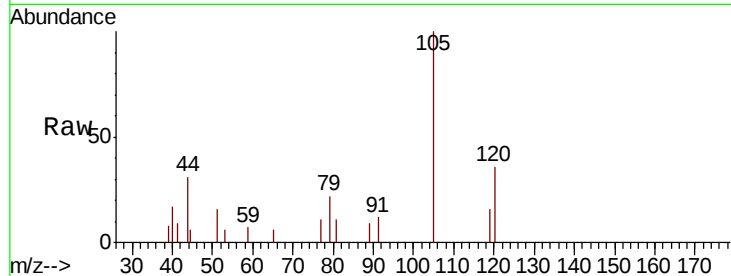




#84
 1,2,4-Trimethylbenzene
 Concen: 0.220 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX012744.D
 Acq: 01 Oct 2019 19:32

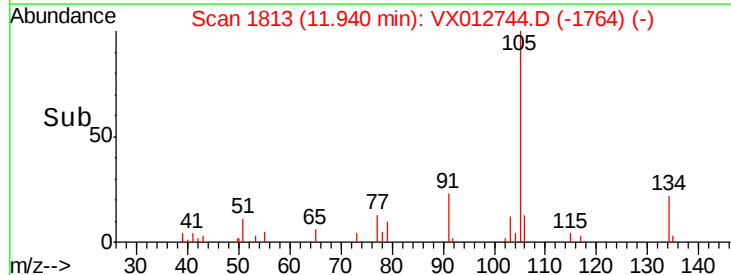
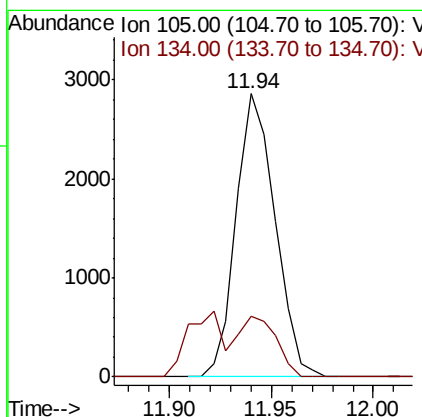
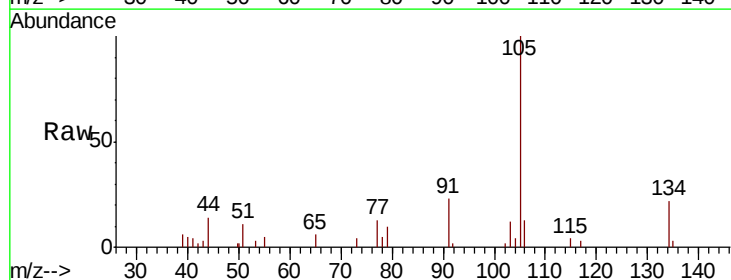
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-1

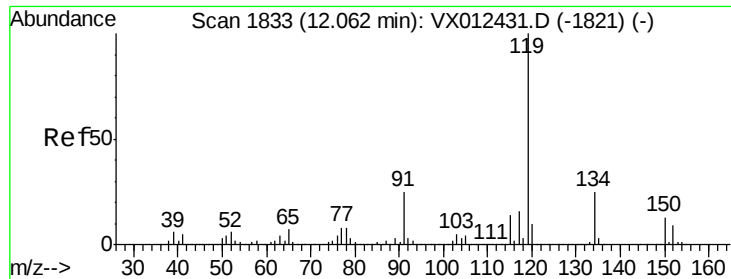
Tot Ion:105 Resp: 1205
 Ion Ratio Lower Upper
 105 100
 120 38.3 22.2 66.6



#85
 sec-Butylbenzene
 Concen: 0.623 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX012744.D
 Acq: 01 Oct 2019 19:32

Tgt Ion:105 Resp: 3797
 Ion Ratio Lower Upper
 105 100
 134 20.9 9.8 29.4

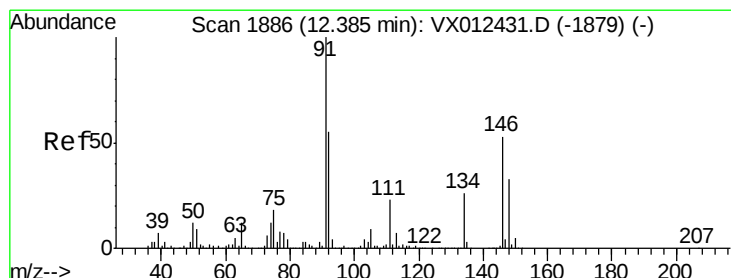
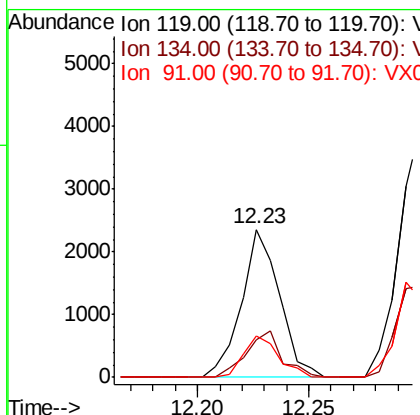
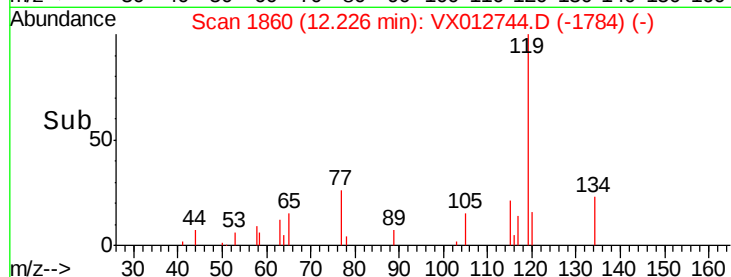
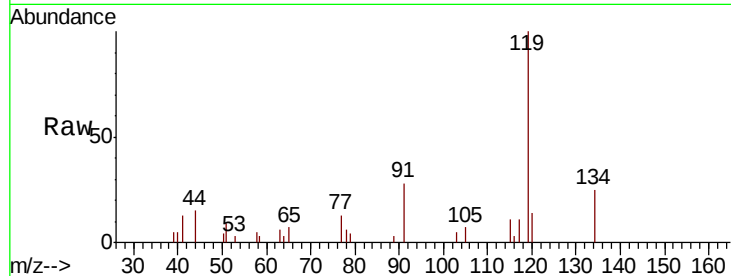




#86
p-Isopropyltoluene
Concen: 0.510 ug/l
RT: 12.23 min Scan# 1860
Delta R.T. 0.16 min
Lab File: VX012744.D
Acq: 01 Oct 2019 19:32

Instrument :
MSVOA_X
ClientSampled :
DUP-1

Tot Ion:119 Resp: 2807
Ion Ratio Lower Upper
119 100
134 29.7 12.7 38.1
91 26.1 12.8 38.4



#89
n-Butylbenzene
Concen: 0.519 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX012744.D
Acq: 01 Oct 2019 19:32

Tgt Ion: 91 Resp: 2517
Ion Ratio Lower Upper
91 100
92 39.5 27.7 83.0
134 58.9 12.9 38.6#

