

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100219\
 Data File : VX012759.D
 Acq On : 02 Oct 2019 14:29
 Operator : JC/SP
 Sample : K5110-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 03 01:31:38 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

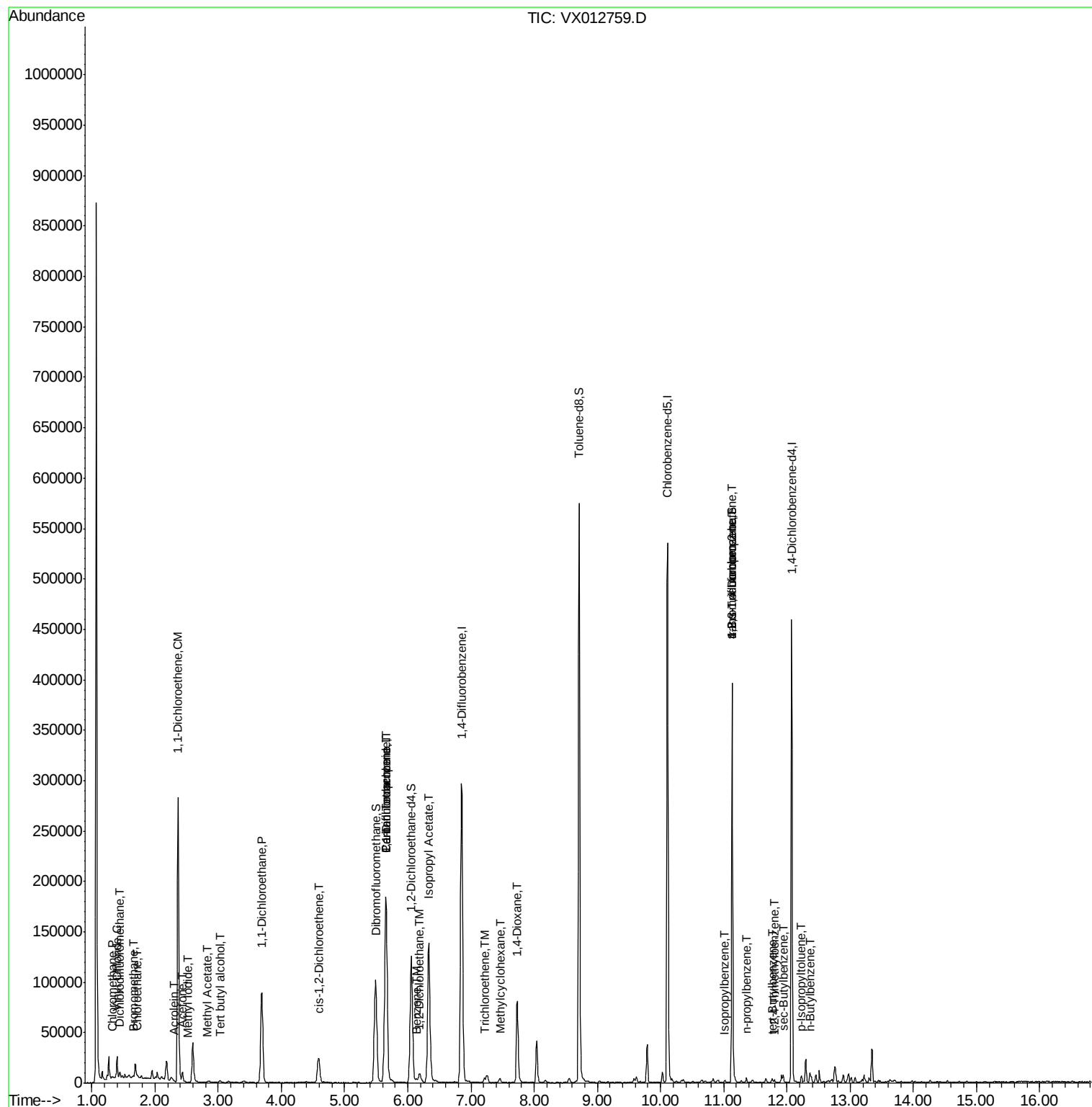
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	165745	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	289143	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	243248	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	88587	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	118678	49.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.34%	
35) Dibromofluoromethane	5.49	113	88274	51.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.52%	
50) Toluene-d8	8.71	98	340915	51.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.82%	
62) 4-Bromofluorobenzene	11.14	95	108888	41.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.52%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.44	85	1035	0.555	ug/l	98
3) Chloromethane	1.32	50	1303	0.609	ug/l	91
4) Vinyl Chloride	1.40	62	11936	5.609	ug/l	93
5) Bromomethane	1.66	94	316	0.378	ug/l	85
6) Chloroethane	1.72	64	1450	1.011	ug/l	95
10) Methyl Iodide	2.51	142	79	4.990	ug/l #	35
11) Tert butyl alcohol	3.03	59	2179	3.614	ug/l	95
12) 1,1-Dichloroethene	2.36	96	96867	54.357	ug/l	99
13) Acrolein	2.30	56	46	10.364	ug/l #	15
16) Acetone	2.44	43	10243	8.012	ug/l	99
18) Methyl Acetate	2.83	43	928	0.308	ug/l #	54
24) 1,1-Dichloroethane	3.69	63	100765	27.134	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	15891	6.937	ug/l	84
36) 1,1-Dichloropropene	5.65	75	13941	5.002	ug/l #	51
38) Carbon Tetrachloride	5.65	117	18049	6.375	ug/l #	17
39) Methylcyclohexane	7.45	83	1660	0.495	ug/l #	74
40) Benzene	6.14	78	3933	0.480	ug/l	99
42) 1,2-Dichloroethane	6.18	62	9747	3.130	ug/l	97
43) Isopropyl Acetate	6.33	43	38098	6.992	ug/l #	63
44) Trichloroethene	7.22	130	1821	0.869	ug/l	93
49) 1,4-Dioxane	7.73	88	60095	1014.064	ug/l #	93
73) Isopropylbenzene	11.01	105	1501	0.208	ug/l	98
76) 1,2,3-Trichloropropane	11.14	75	55131	23.527	ug/l #	39
78) n-propylbenzene	11.35	91	2827	0.348	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.14	75	55131	67.422	ug/l #	15
83) tert-Butylbenzene	11.76	119	1836	0.315	ug/l	89
84) 1,2,4-Trimethylbenzene	11.80	105	1305	0.214	ug/l	93
85) sec-Butylbenzene	11.94	105	3817	0.562	ug/l	98
86) p-Isopropyltoluene	12.23	119	2933	0.479	ug/l	91
89) n-Butylbenzene	12.38	91	2751	0.510	ug/l #	66

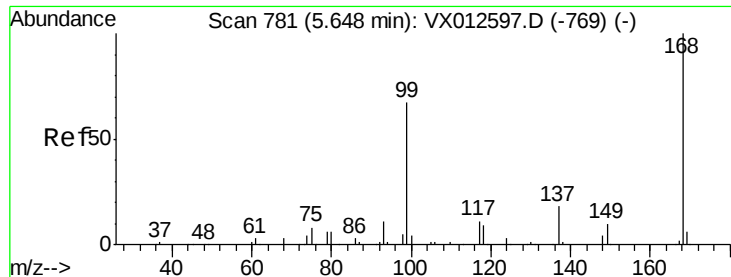
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012759.D

Acq: 02 Oct 2019 14:29

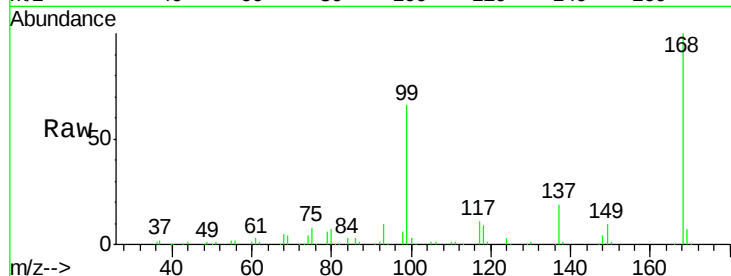
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 165745

Ion Ratio Lower Upper

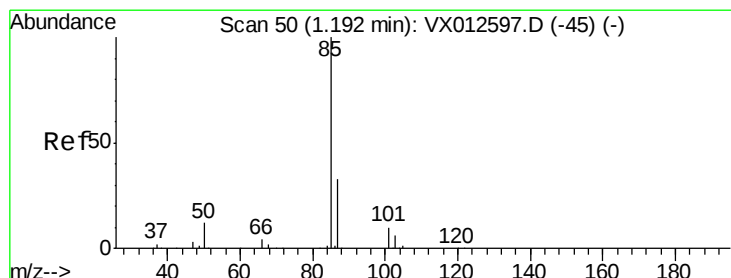
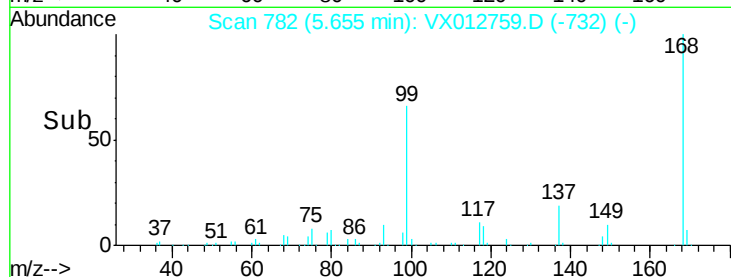
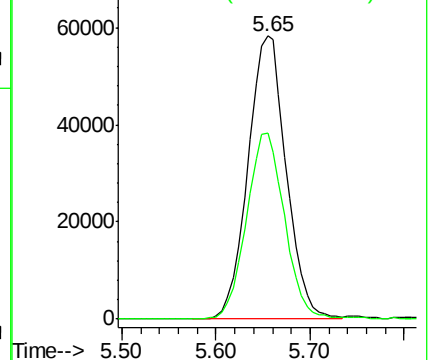
168 100

99 65.6 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 0.555 ug/l

RT: 1.44 min Scan# 91

Delta R.T. 0.26 min

Lab File: VX012759.D

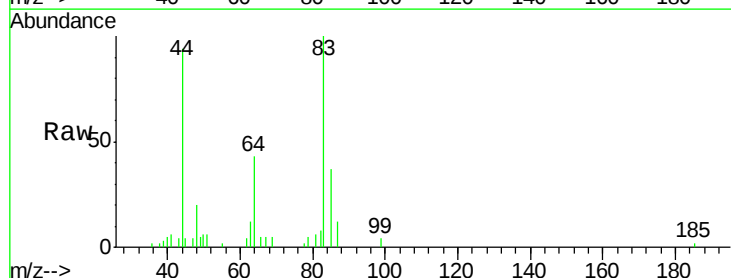
Acq: 02 Oct 2019 14:29

Tgt Ion: 85 Resp: 1035

Ion Ratio Lower Upper

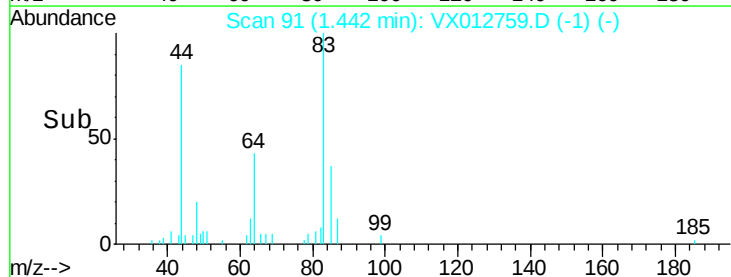
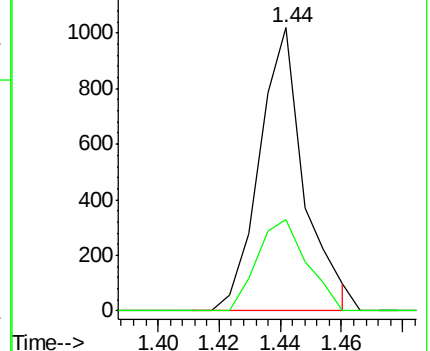
85 100

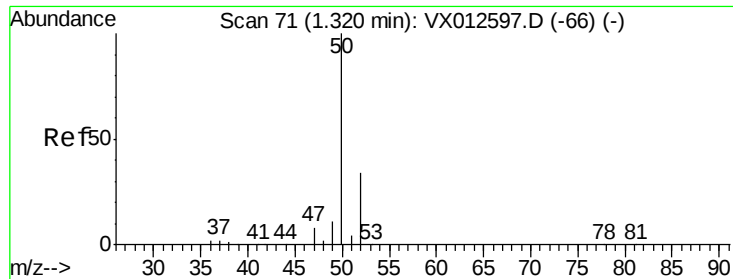
87 32.4 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 0.609 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012759.D

Acq: 02 Oct 2019 14:29

Instrument :

MSVOA_X

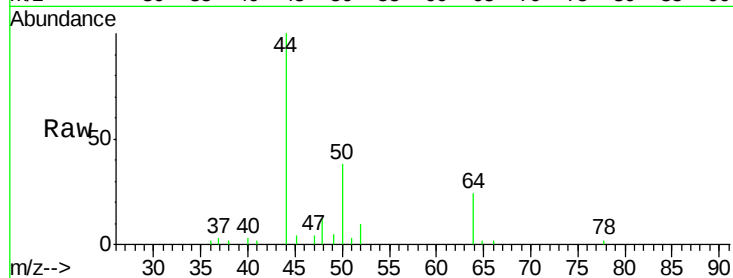
ClientSampled :

Tot Ion: 50 Resp: 1303

Ion Ratio Lower Upper

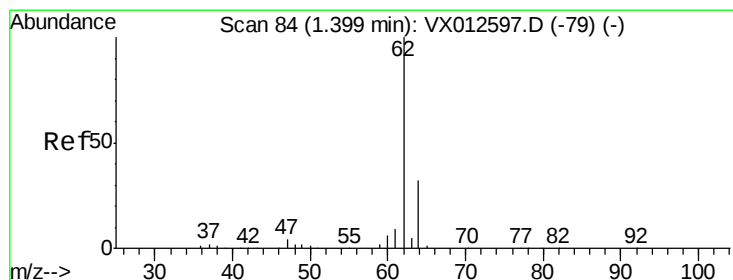
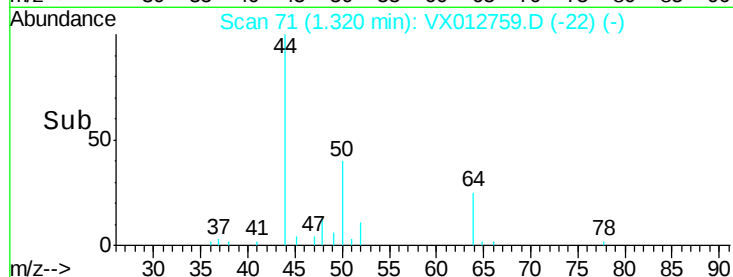
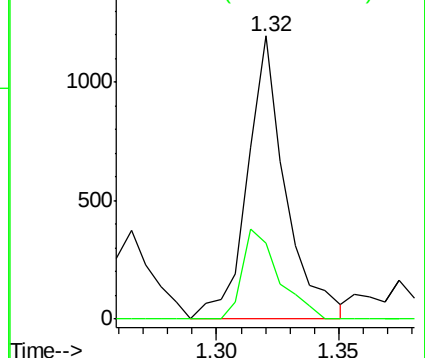
50 100

52 27.0 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: 5.609 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012759.D

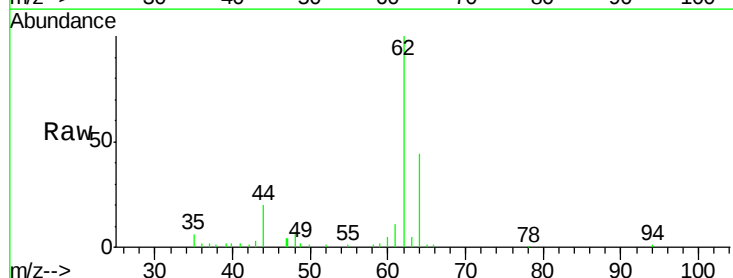
Acq: 02 Oct 2019 14:29

Tgt Ion: 62 Resp: 11936

Ion Ratio Lower Upper

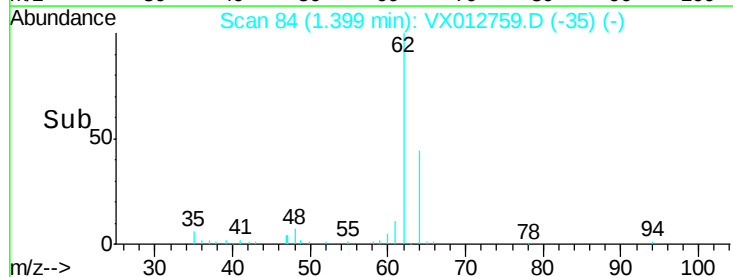
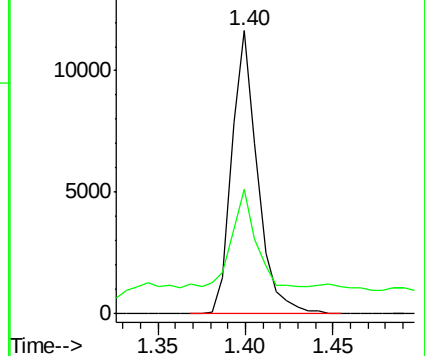
62 100

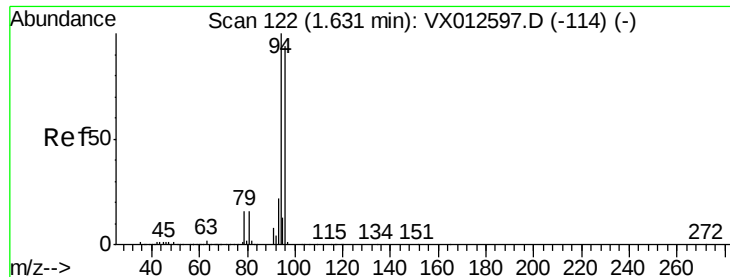
64 34.3 24.2 36.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 0.378 ug/l

RT: 1.66 min Scan# 126

Delta R.T. 0.03 min

Lab File: VX012759.D

Acq: 02 Oct 2019 14:29

Instrument :

MSVOA_X

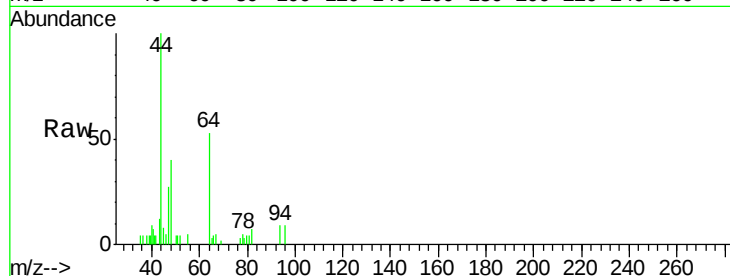
ClientSampled :

Tot Ion: 94 Resp: 316

Ion Ratio Lower Upper

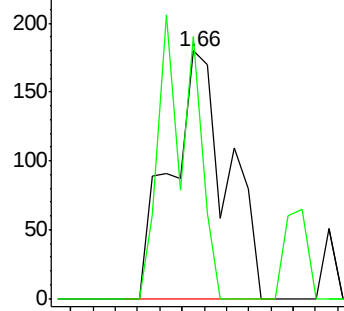
94 100

96 105.6 72.8 109.2

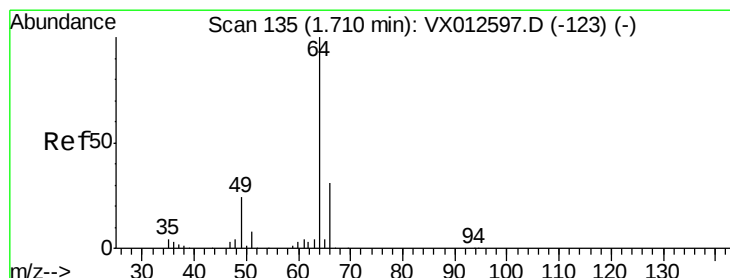
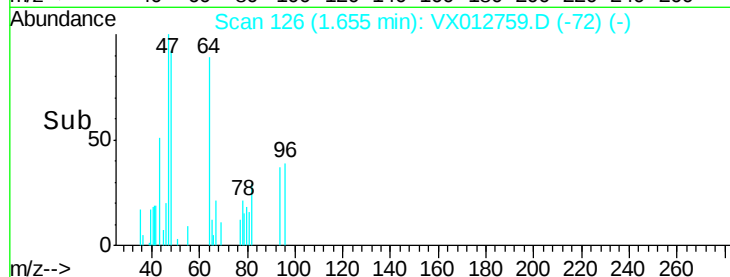


Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



Time-->



#6

Chloroethane

Concen: 1.011 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.01 min

Lab File: VX012759.D

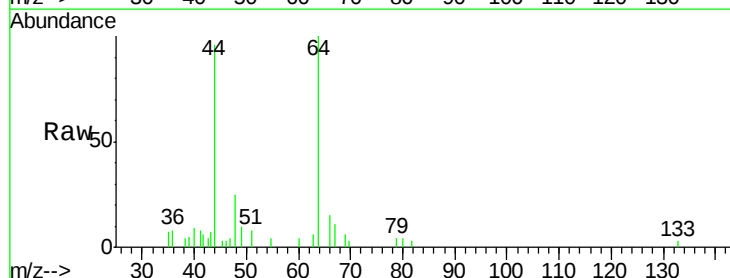
Acq: 02 Oct 2019 14:29

Tgt Ion: 64 Resp: 1450

Ion Ratio Lower Upper

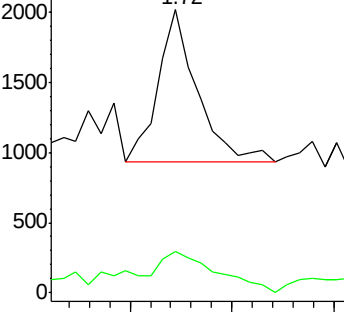
64 100

66 27.4 24.0 36.0

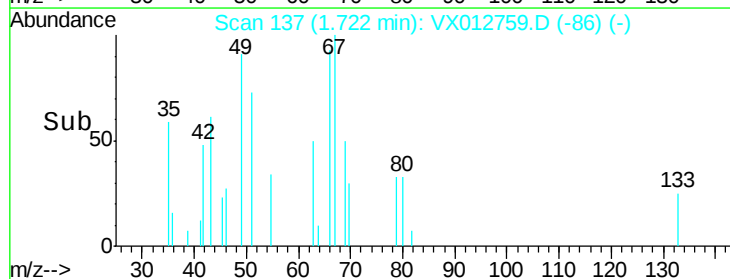


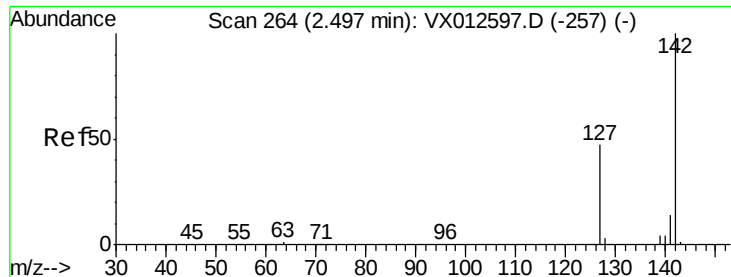
Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



Time-->

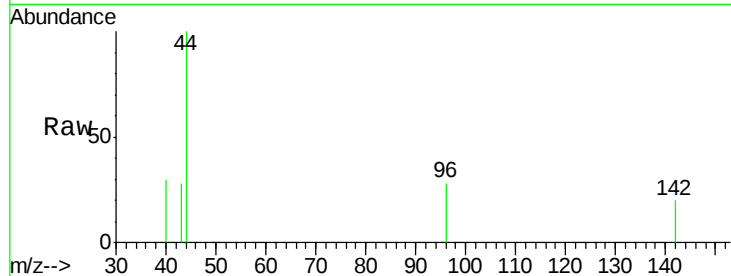




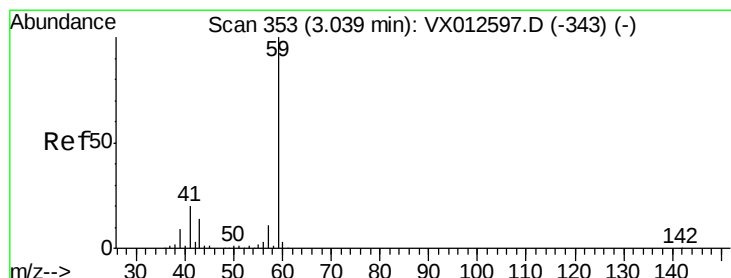
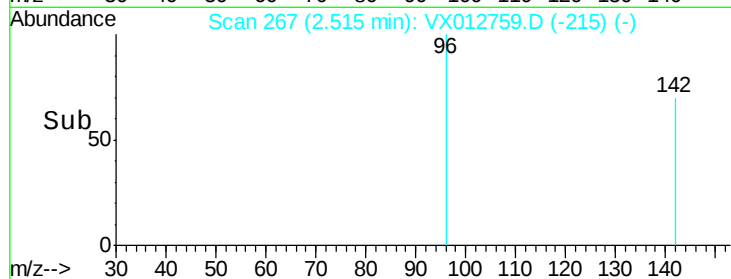
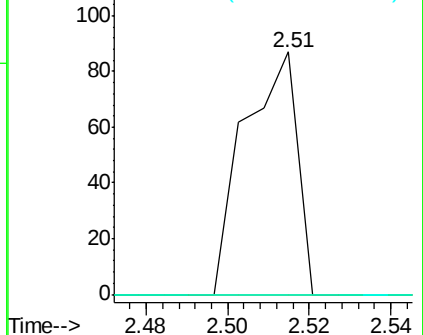
#10
Methyl Iodide
Concen: 4.990 ug/l
RT: 2.51 min Scan# 267
Delta R.T. 0.02 min
Lab File: VX012759.D
Acq: 02 Oct 2019 14:29

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:142 Resp: 79
Ion Ratio Lower Upper
142 100
127 0.0 40.8 61.2#
141 0.0 12.1 18.1#

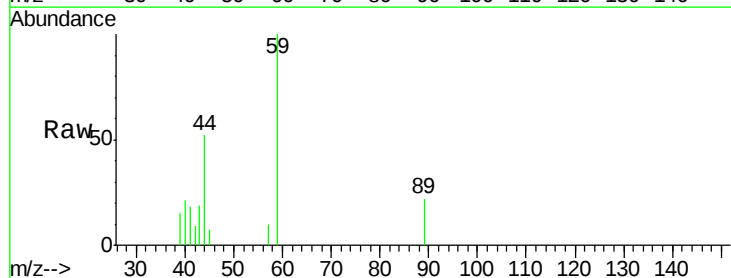


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

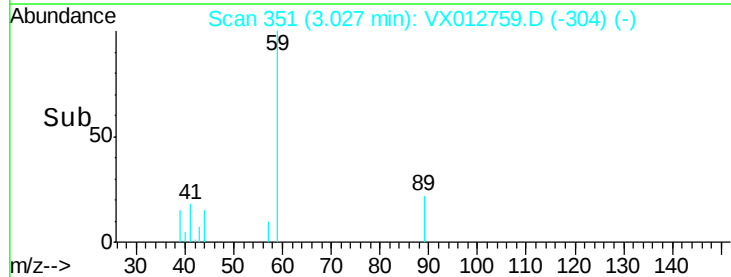
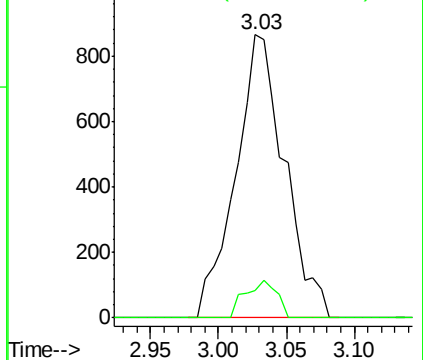


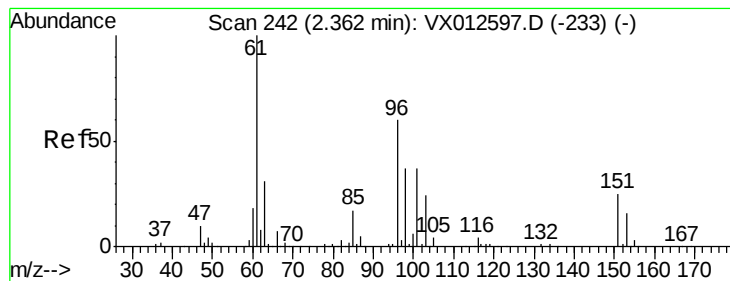
#11
Tert butyl alcohol
Concen: 3.614 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX012759.D
Acq: 02 Oct 2019 14:29

Tgt Ion: 59 Resp: 2179
Ion Ratio Lower Upper
59 100
57 8.5 8.3 12.5



Abundance Ion 59.00 (58.70 to 59.70): VX0
Ion 57.00 (56.70 to 57.70): VX0





#12

1,1-Dichloroethene

Concen: 54.357 ug/l

RT: 2.36 min Scan# 242

Delta R.T. 0.00 min

Lab File: VX012759.D

Acq: 02 Oct 2019 14:29

Instrument :
MSVOA_X
ClientSampled :

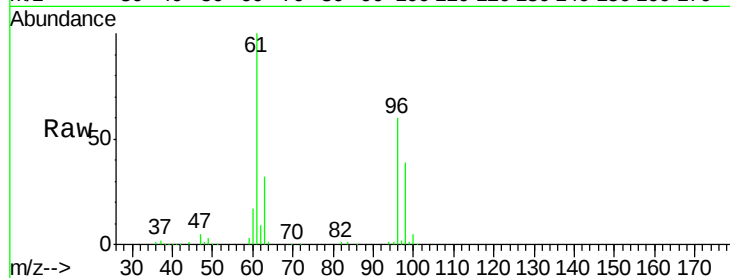
Tot Ion: 96 Resp: 96867

Ion Ratio Lower Upper

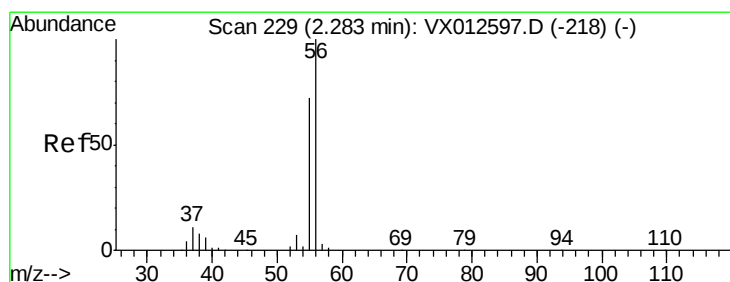
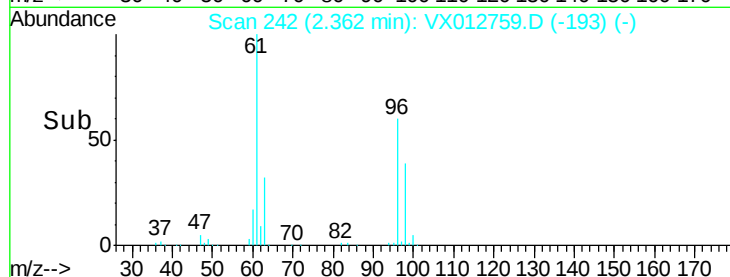
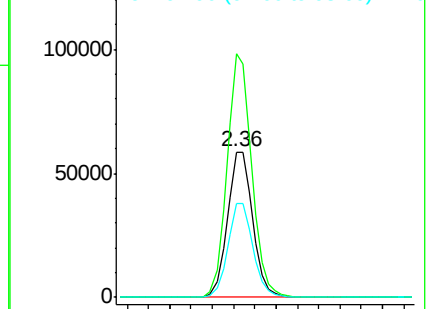
96 100

61 167.8 133.8 200.6

98 64.9 49.9 74.9



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



#13

Acrolein

Concen: 10.364 ug/l

RT: 2.30 min Scan# 232

Delta R.T. 0.02 min

Lab File: VX012759.D

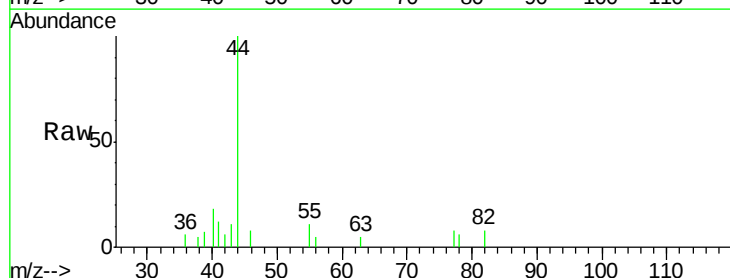
Acq: 02 Oct 2019 14:29

Tgt Ion: 56 Resp: 46

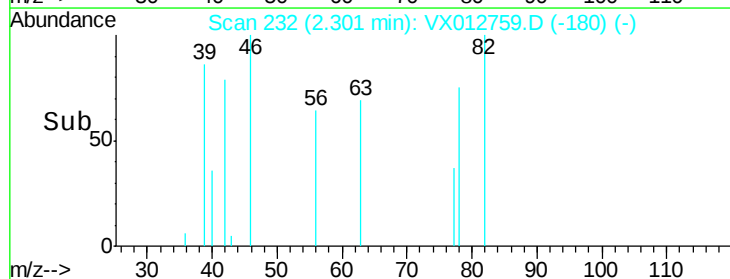
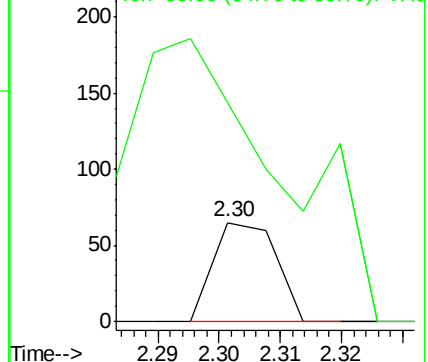
Ion Ratio Lower Upper

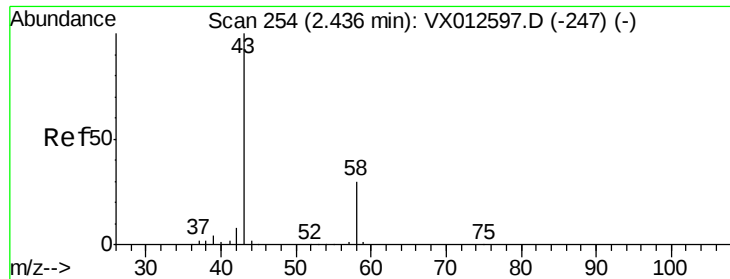
56 100

55 0.0 55.8 83.8#



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 55.00 (54.70 to 55.70): VX0





#16

Acetone

Concen: 8.012 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX012759.D

Acq: 02 Oct 2019 14:29

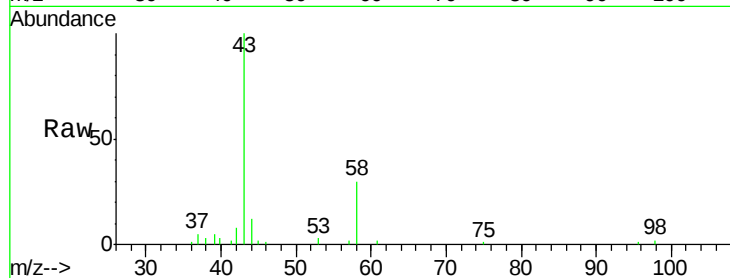
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 10243

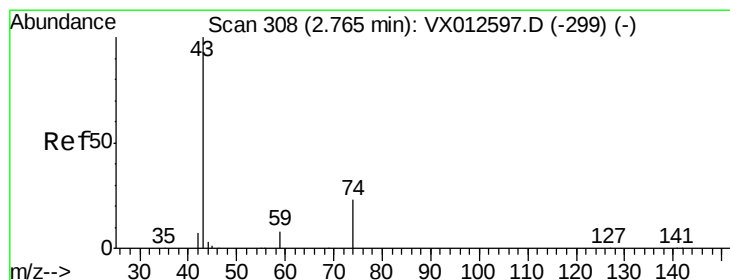
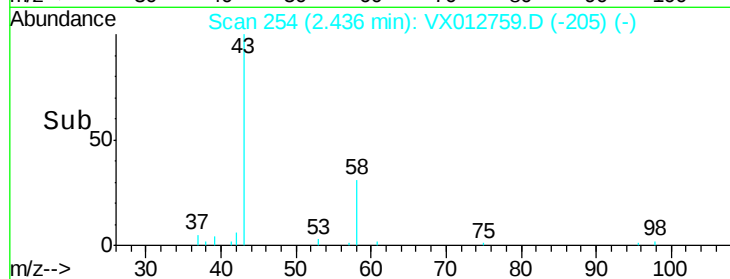
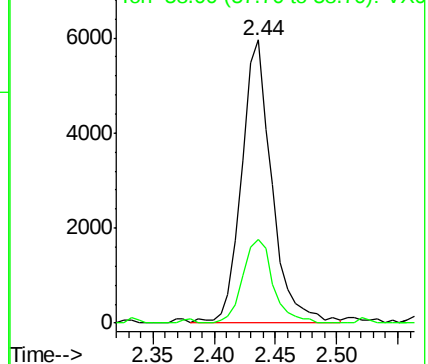
Ion Ratio Lower Upper

43 100

58 29.7 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0



#18

Methyl Acetate

Concen: 0.308 ug/l

RT: 2.83 min Scan# 319

Delta R.T. 0.07 min

Lab File: VX012759.D

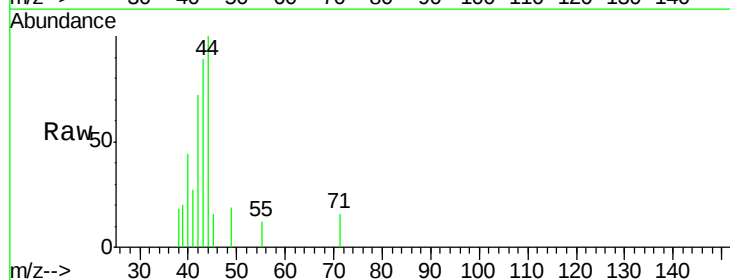
Acq: 02 Oct 2019 14:29

Tgt Ion: 43 Resp: 928

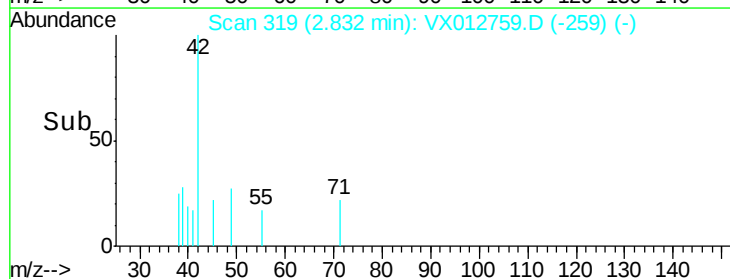
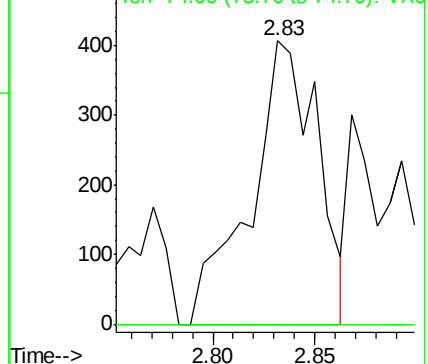
Ion Ratio Lower Upper

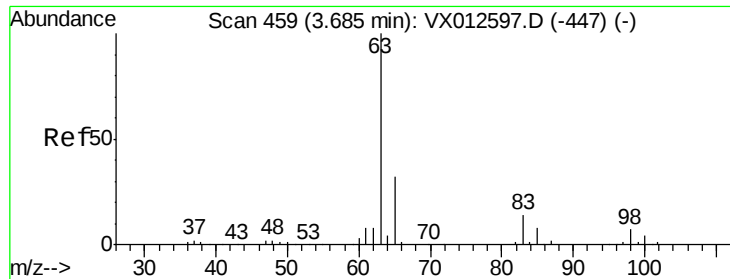
43 100

74 0.0 17.7 26.5#



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 74.00 (73.70 to 74.70): VX0





#24

1,1-Dichloroethane

Concen: 27.134 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012759.D

Acq: 02 Oct 2019 14:29

Instrument :

MSVOA_X

ClientSampled :

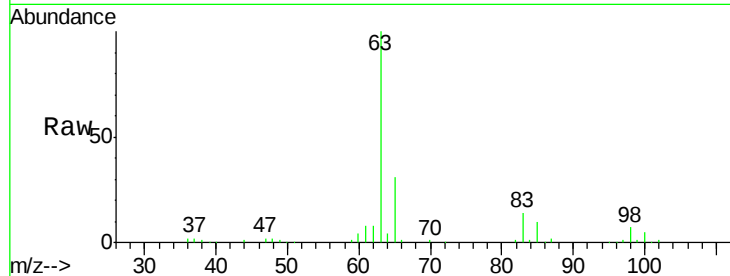
Tot Ion: 63 Resp: 100765

Ion Ratio Lower Upper

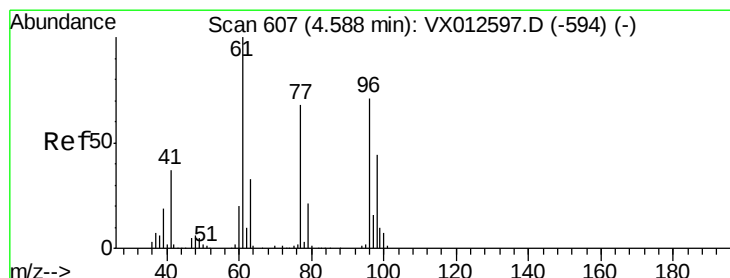
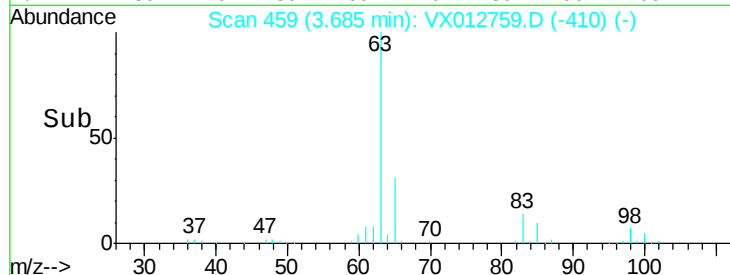
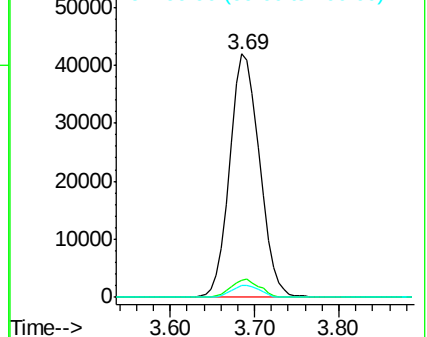
63 100

98 6.8 3.9 11.7

100 4.7 2.3 6.9



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 97.90 (97.60 to 98.60): VX0
Ion 99.90 (99.60 to 100.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 6.937 ug/l

RT: 4.59 min Scan# 607

Delta R.T. 0.01 min

Lab File: VX012759.D

Acq: 02 Oct 2019 14:29

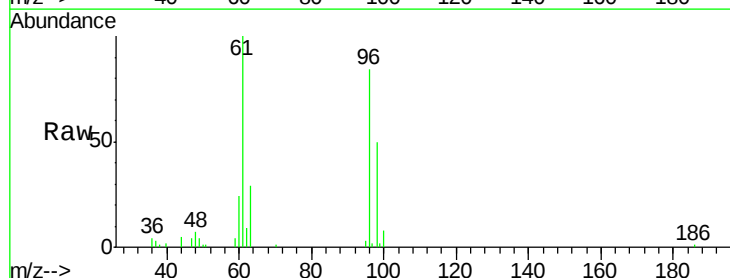
Tgt Ion: 96 Resp: 15891

Ion Ratio Lower Upper

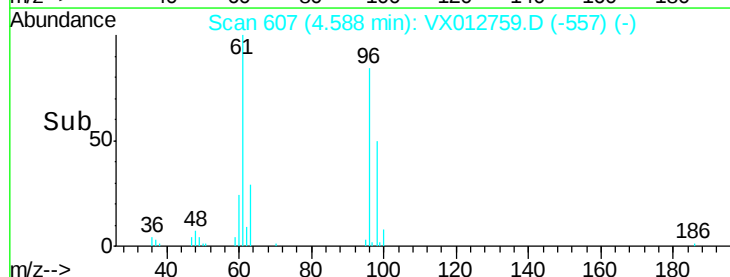
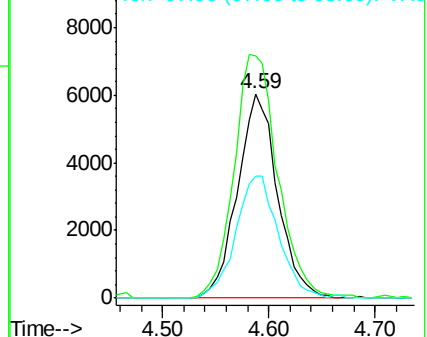
96 100

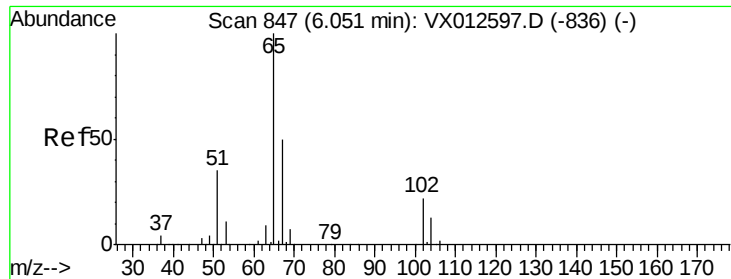
61 130.8 0.0 319.4

98 63.8 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

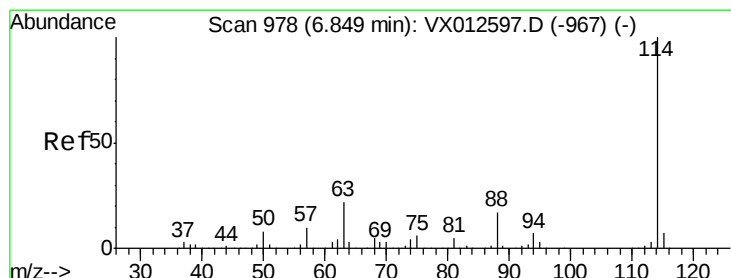
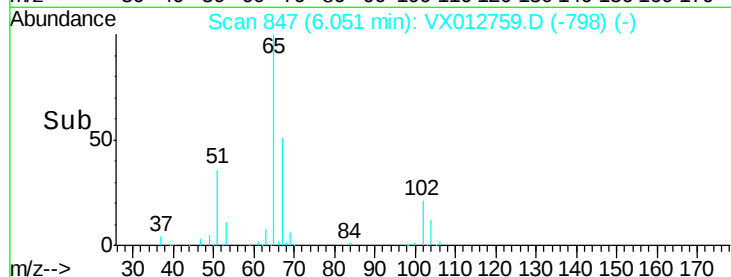
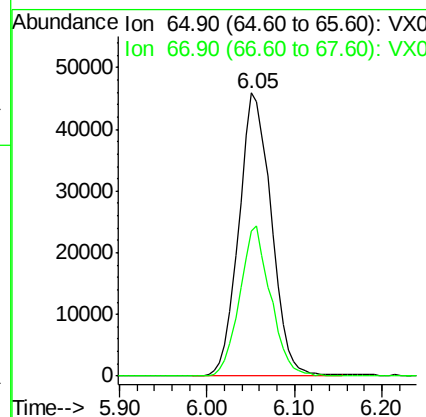
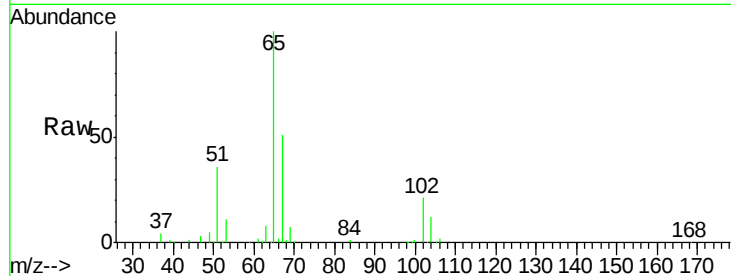




#33
 1,2-Dichloroethane-d4
 Concen: 49.171 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX012759.D
 Acq: 02 Oct 2019 14:29

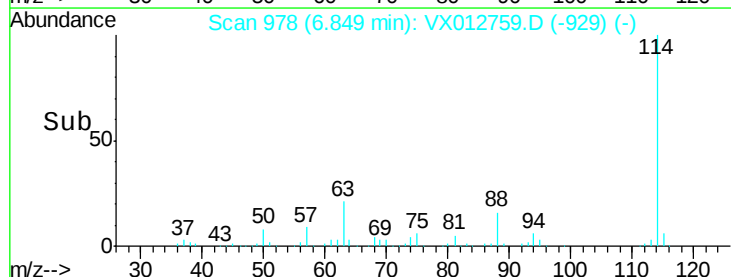
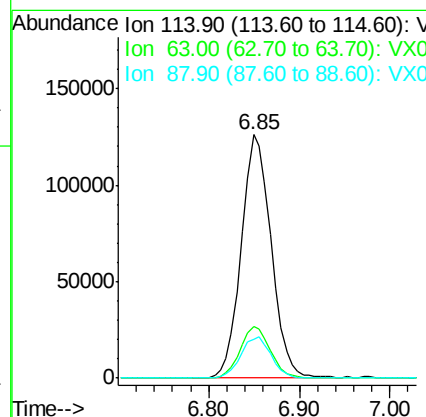
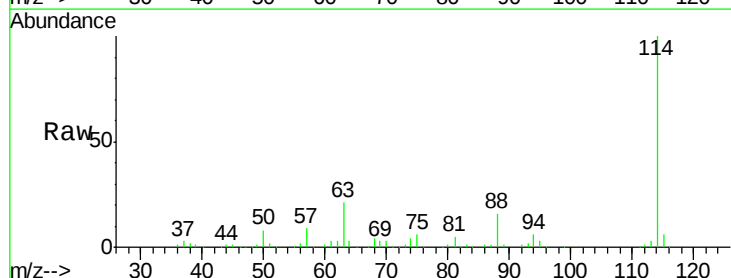
Instrument :
 MSVOA_X
 ClientSampled :

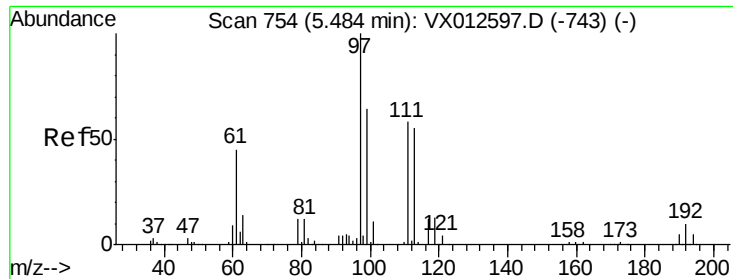
Tot Ion: 65 Resp: 118678
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012759.D
 Acq: 02 Oct 2019 14:29

Tgt Ion: 114 Resp: 289143
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 43.2
 88 16.2 0.0 33.2





#35

Dibromofluoromethane

Concen: 51.263 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012759.D

Acq: 02 Oct 2019 14:29

Instrument :

MSVOA_X

ClientSampleId :

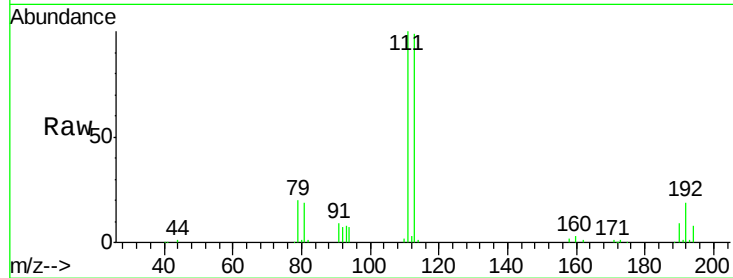
Tot Ion:113 Resp: 88274

Ion Ratio Lower Upper

113 100

111 103.3 83.4 125.2

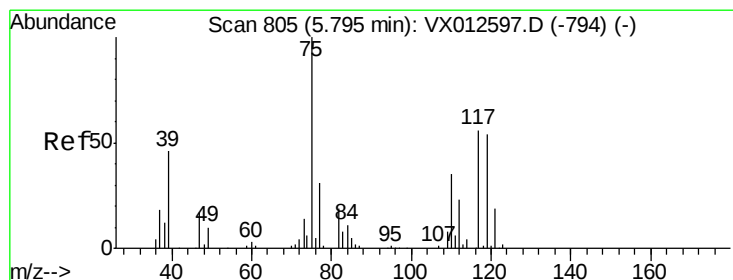
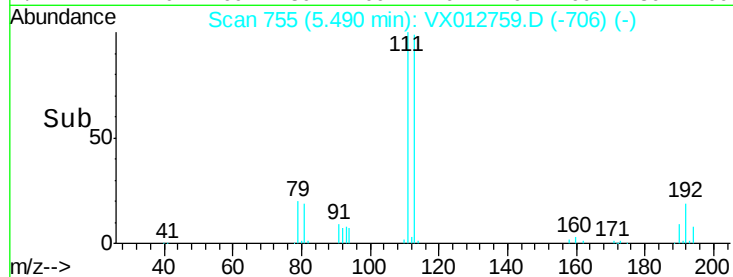
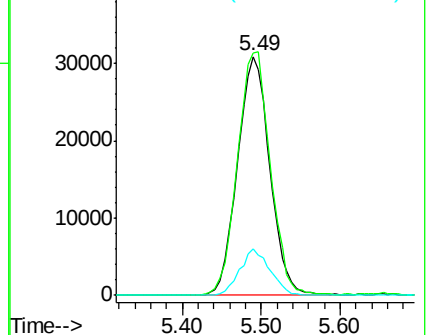
192 18.1 14.4 21.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 5.002 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.14 min

Lab File: VX012759.D

Acq: 02 Oct 2019 14:29

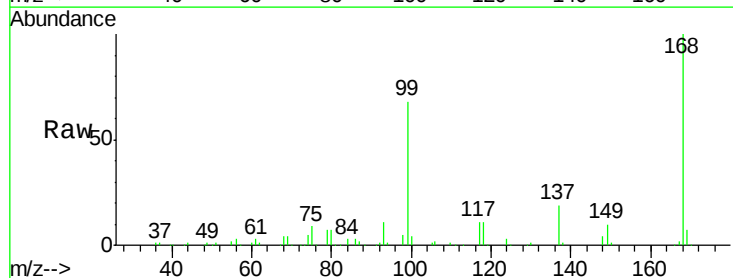
Tgt Ion: 75 Resp: 13941

Ion Ratio Lower Upper

75 100

110 9.1 16.7 50.0#

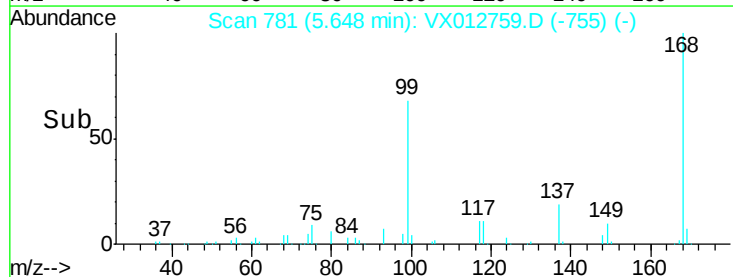
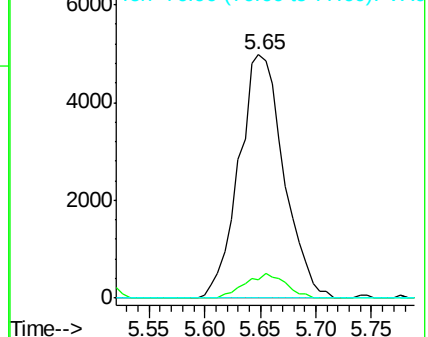
77 0.0 24.2 36.2#

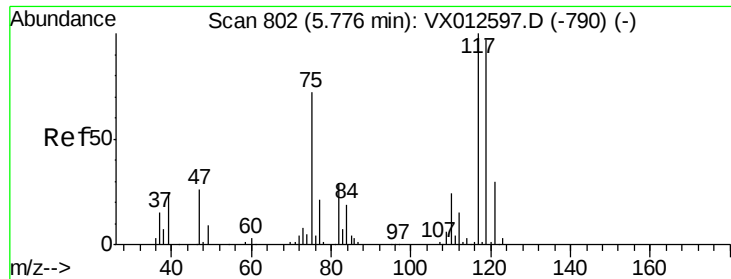


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.375 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.12 min

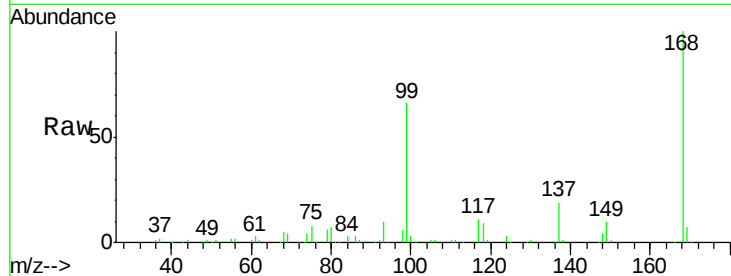
Lab File: VX012759.D

Acq: 02 Oct 2019 14:29

Instrument :

MSVOA_X

ClientSampled :



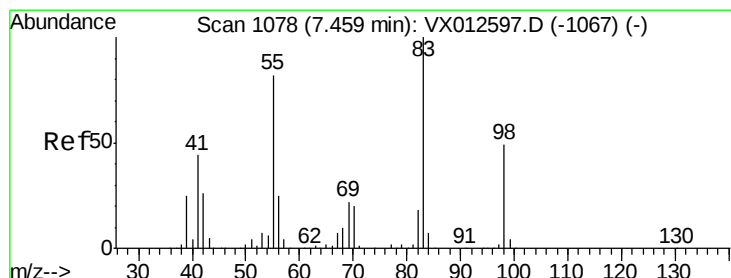
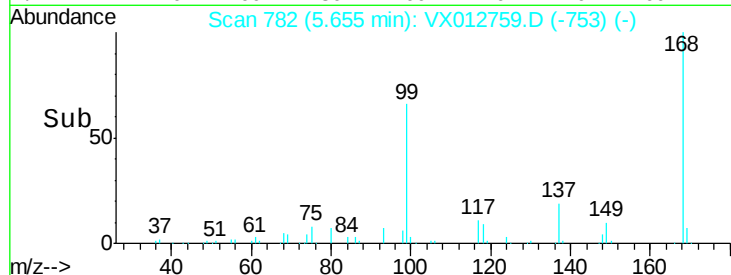
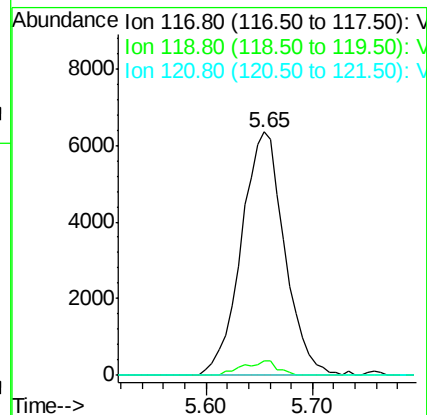
Tot Ion:117 Resp: 18049

Ion Ratio Lower Upper

117 100

119 5.9 75.7 113.5#

121 0.0 24.2 36.4#



#39

Methylcyclohexane

Concen: 0.495 ug/l

RT: 7.45 min Scan# 1077

Delta R.T. -0.01 min

Lab File: VX012759.D

Acq: 02 Oct 2019 14:29

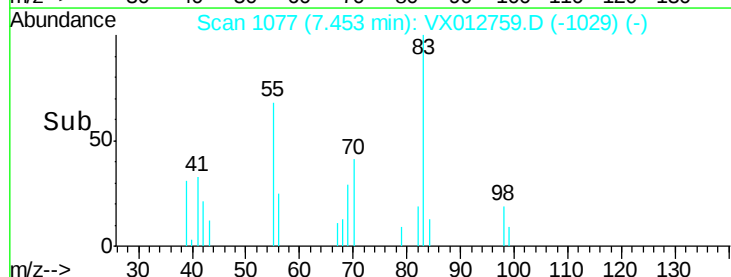
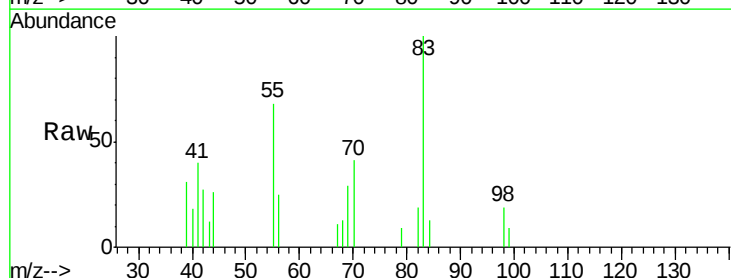
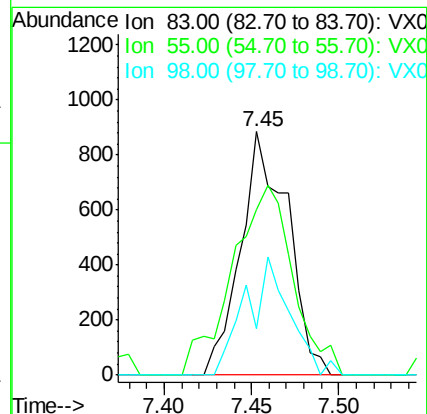
Tgt Ion: 83 Resp: 1660

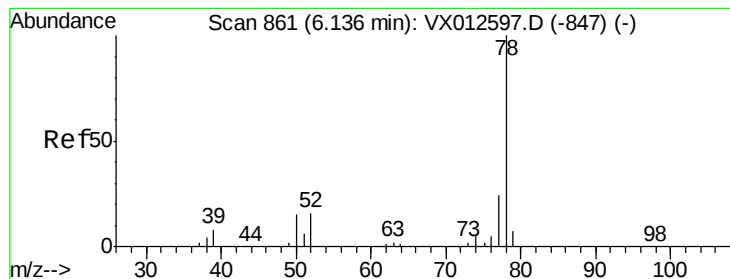
Ion Ratio Lower Upper

83 100

55 67.8 64.4 96.6

98 18.9 40.1 60.1#





#40

Benzene

Concen: 0.480 ug/l

RT: 6.14 min Scan# 861

Delta R.T. 0.01 min

Lab File: VX012759.D

Acq: 02 Oct 2019 14:29

Instrument :

MSVOA_X

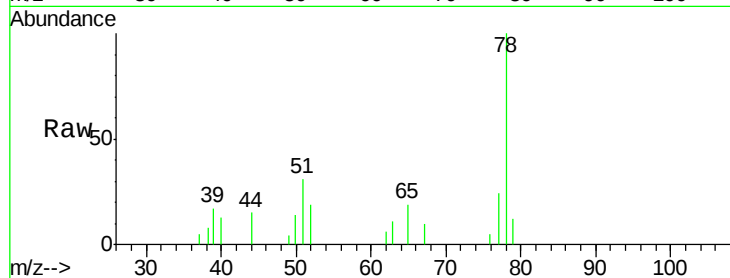
ClientSampled :

Tot Ion: 78 Resp: 3933

Ion Ratio Lower Upper

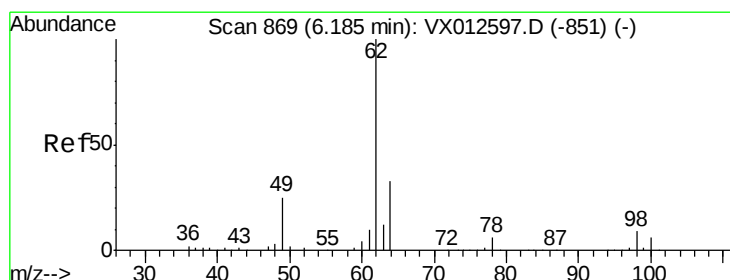
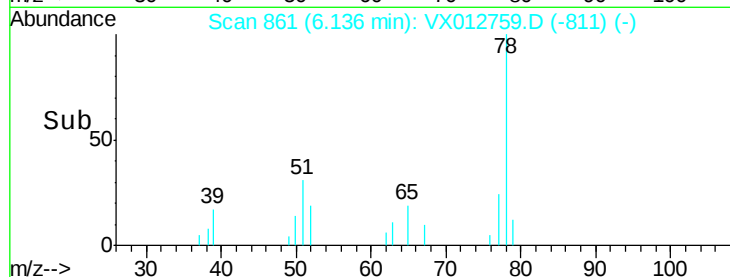
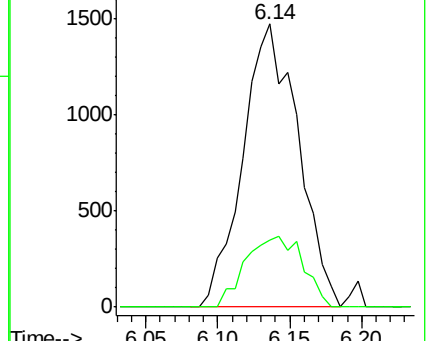
78 100

77 23.7 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: 3.130 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.01 min

Lab File: VX012759.D

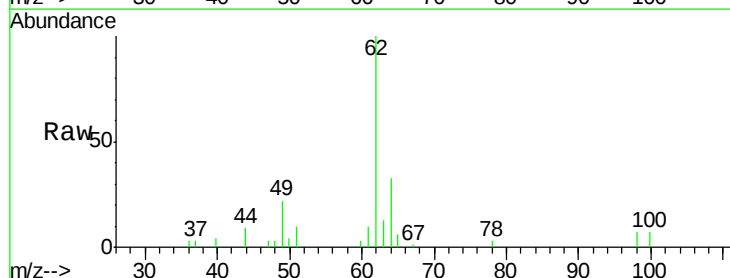
Acq: 02 Oct 2019 14:29

Tgt Ion: 62 Resp: 9747

Ion Ratio Lower Upper

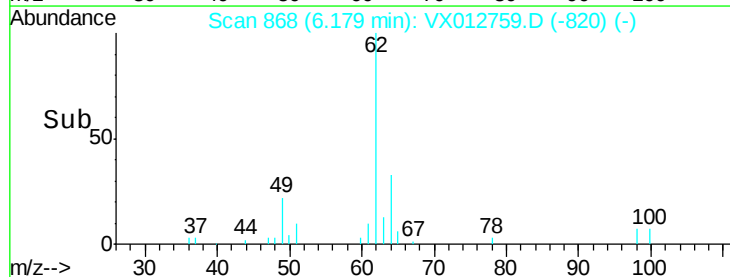
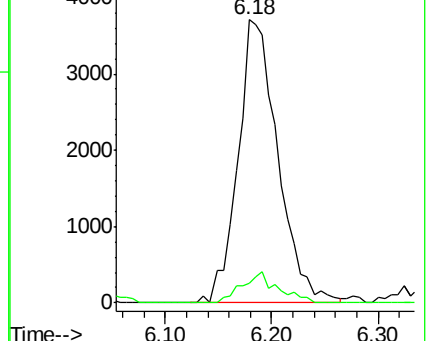
62 100

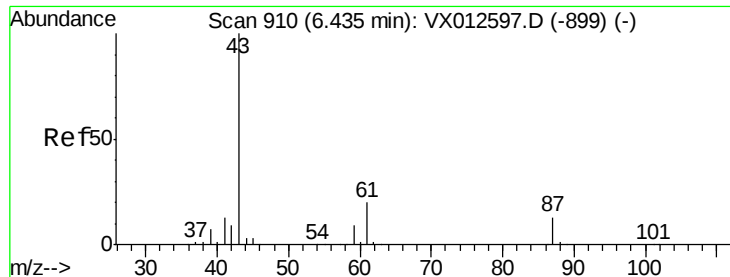
98 9.8 0.0 17.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 6.992 ug/l

RT: 6.33 min Scan# 893

Delta R.T. -0.10 min

Lab File: VX012759.D

Acq: 02 Oct 2019 14:29

Instrument :

MSVOA_X

ClientSampleId :

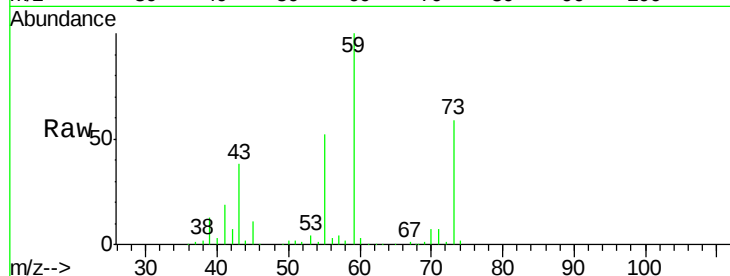
Tot Ion: 43 Resp: 38098

Ion Ratio Lower Upper

43 100

61 1.0 15.4 23.0#

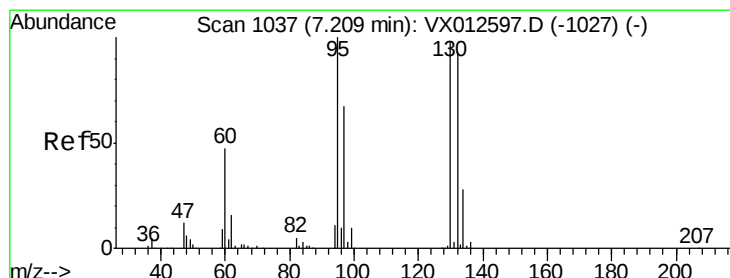
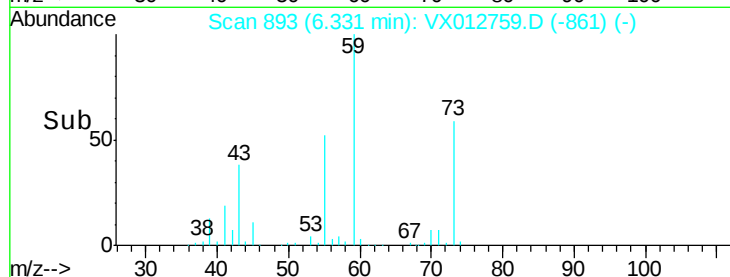
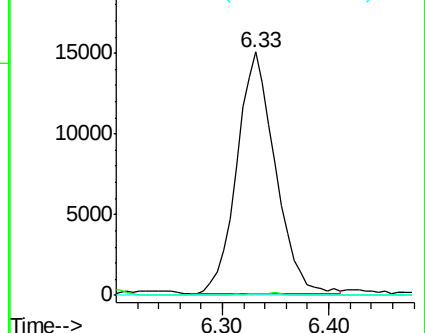
87 0.0 9.8 14.8#



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: 0.869 ug/l

RT: 7.22 min Scan# 1038

Delta R.T. 0.01 min

Lab File: VX012759.D

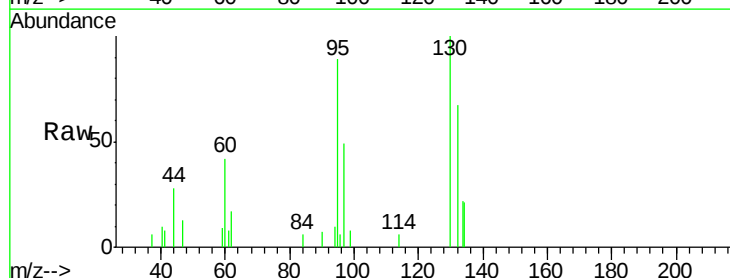
Acq: 02 Oct 2019 14:29

Tgt Ion:130 Resp: 1821

Ion Ratio Lower Upper

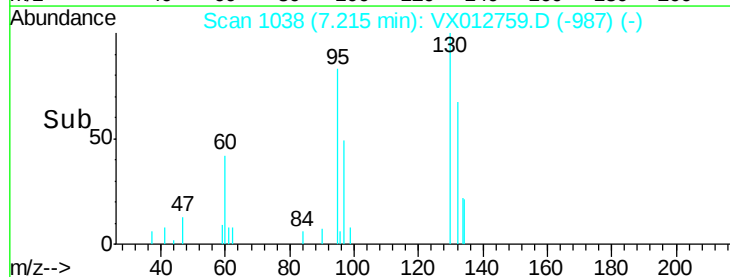
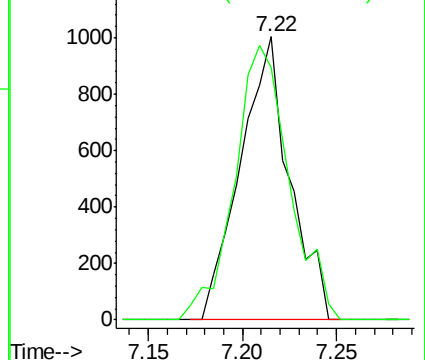
130 100

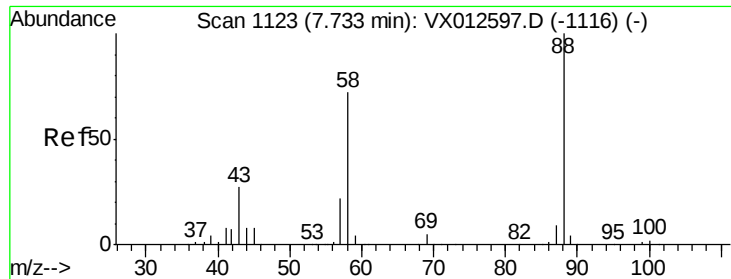
95 89.2 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

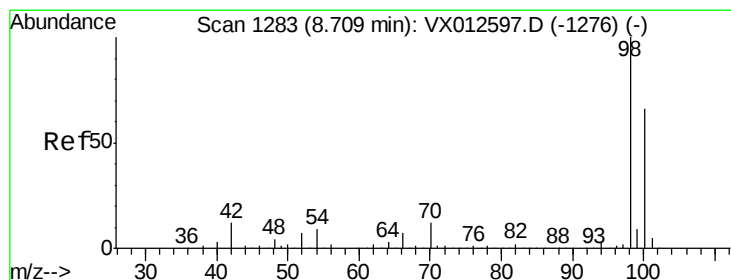
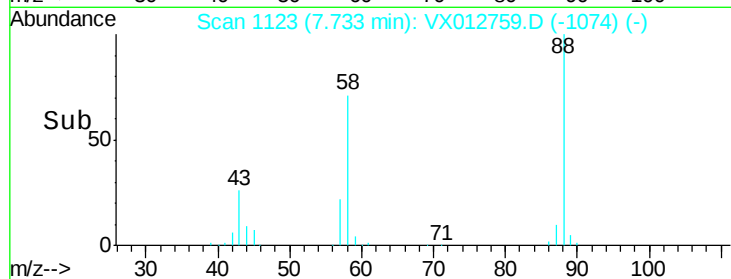
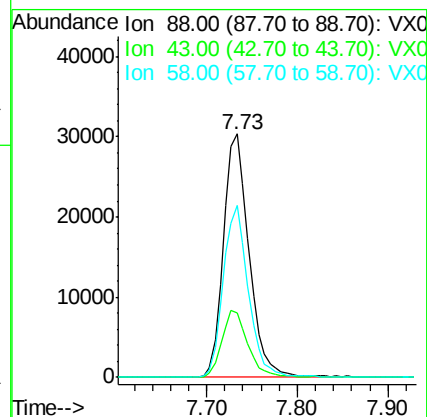
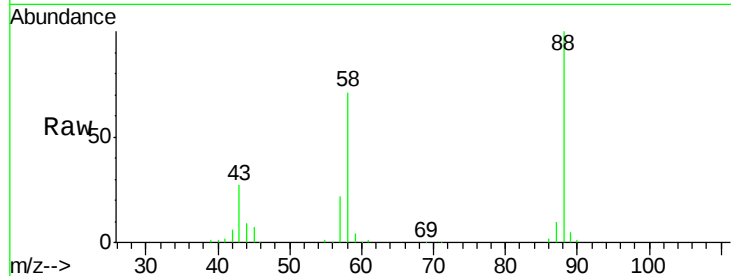




#49
1,4-Dioxane
Concen: 1014.064 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX012759.D
Acq: 02 Oct 2019 14:29

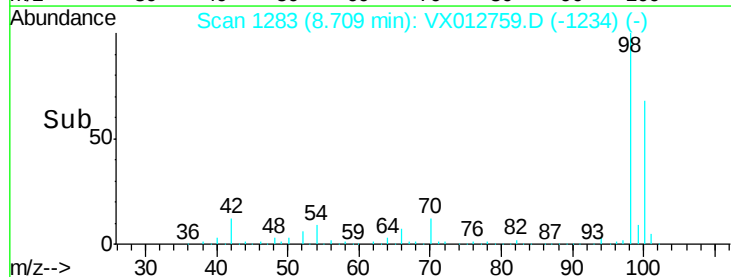
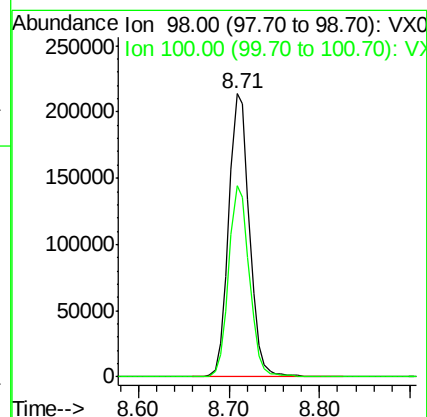
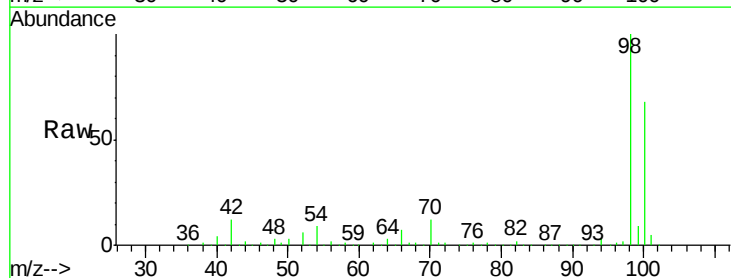
Instrument :
MSVOA_X
ClientSampleId :

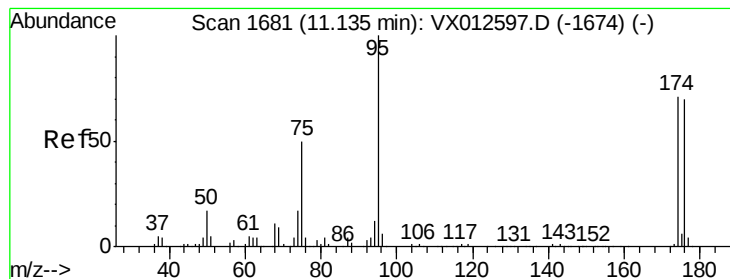
Tot Ion: 88 Resp: 60095
Ion Ratio Lower Upper
88 100
43 27.8 29.4 44.0#
58 69.3 57.5 86.3



#50
Toluene-d8
Concen: 51.409 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012759.D
Acq: 02 Oct 2019 14:29

Tgt Ion: 98 Resp: 340915
Ion Ratio Lower Upper
98 100
100 67.4 53.4 80.2





#62

4-Bromofluorobenzene

Concen: 41.760 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012759.D

Acq: 02 Oct 2019 14:29

Instrument :

MSVOA_X

ClientSampleId :

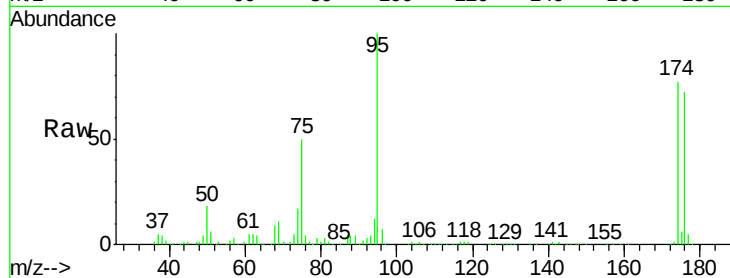
Tot Ion: 95 Resp: 108888

Ion Ratio Lower Upper

95 100

174 71.7 0.0 140.0

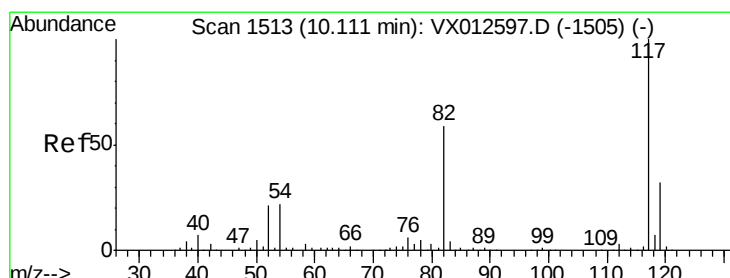
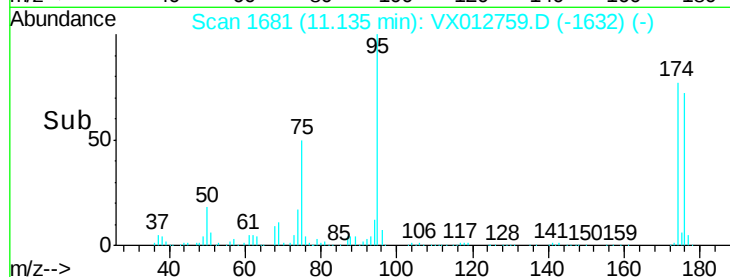
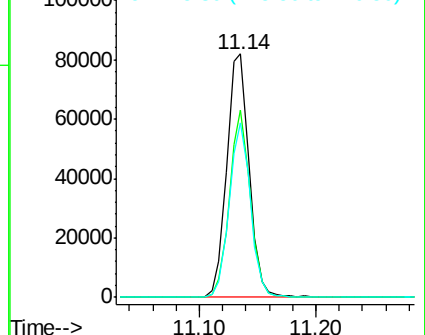
176 68.3 0.0 135.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX012759.D

Acq: 02 Oct 2019 14:29

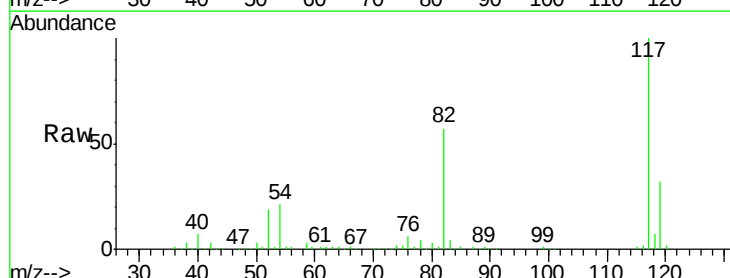
Tgt Ion: 117 Resp: 243248

Ion Ratio Lower Upper

117 100

82 56.8 45.9 68.9

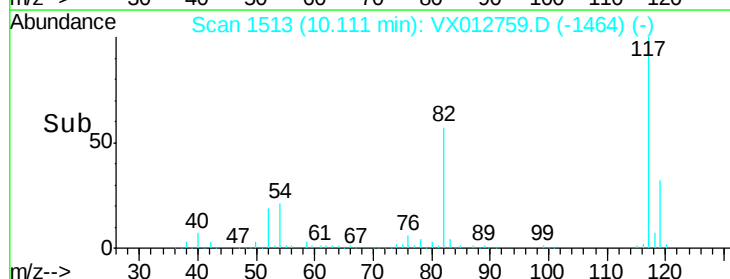
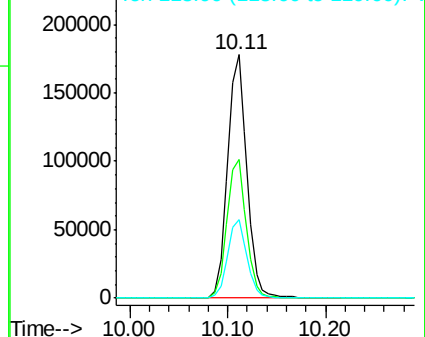
119 32.1 25.3 37.9

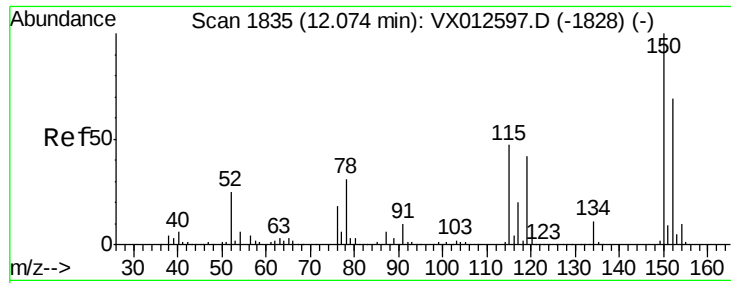


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX012759.D

Acq: 02 Oct 2019 14:29

Instrument :

MSVOA_X

ClientSampled :

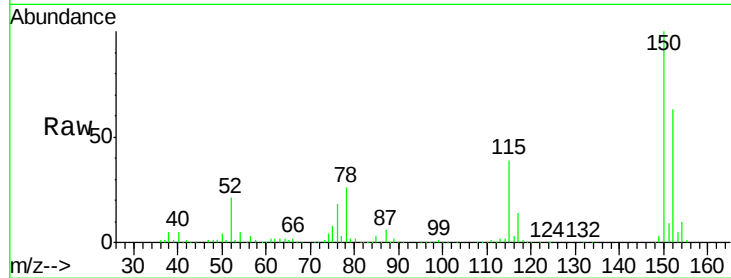
Tot Ion:152 Resp: 88587

Ion Ratio Lower Upper

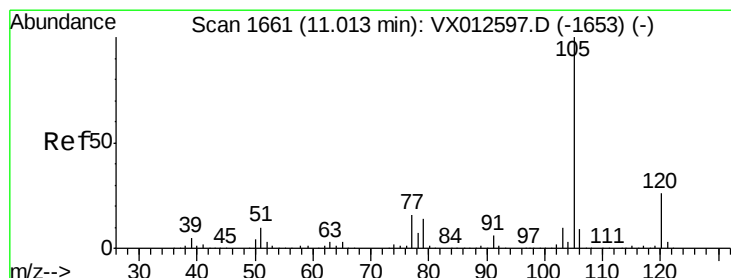
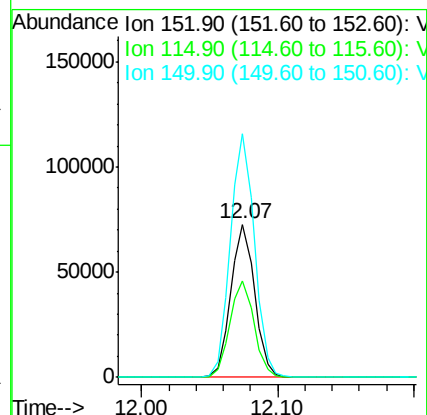
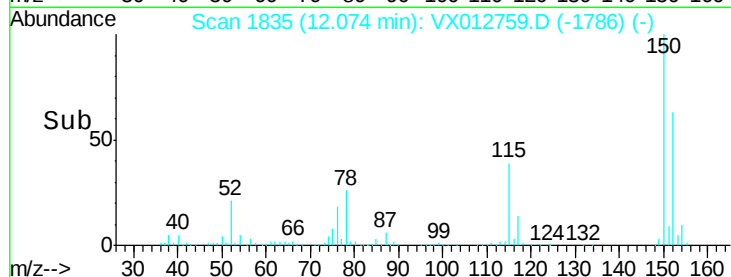
152 100

115 63.7 44.1 132.3

150 160.6 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



#73

Isopropylbenzene

Concen: 0.208 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012759.D

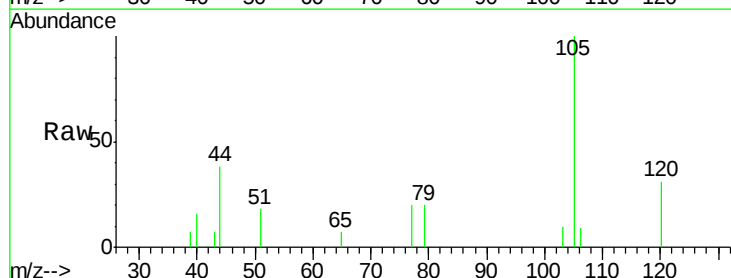
Acq: 02 Oct 2019 14:29

Tgt Ion:105 Resp: 1501

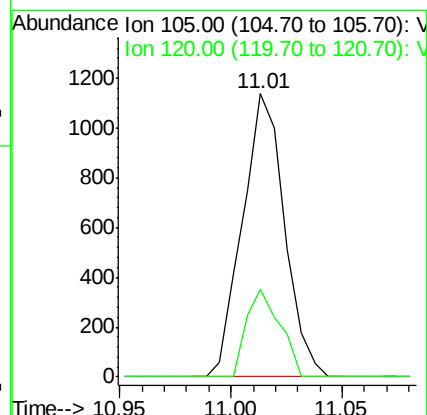
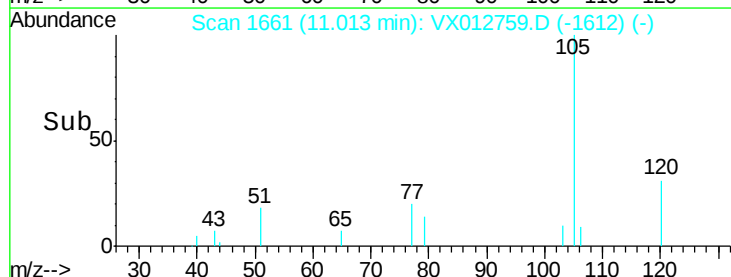
Ion Ratio Lower Upper

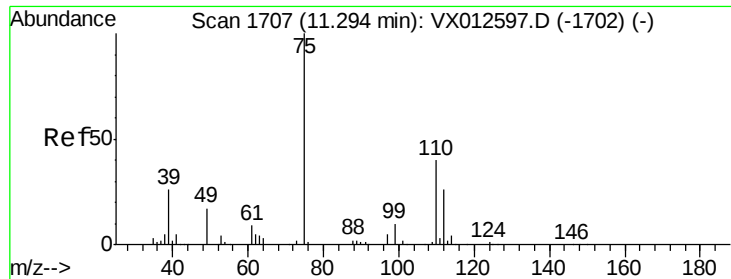
105 100

120 24.7 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#76

1,2,3-Trichloropropane

Concen: 23.527 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.16 min

Lab File: VX012759.D

Acq: 02 Oct 2019 14:29

Instrument :

MSVOA_X

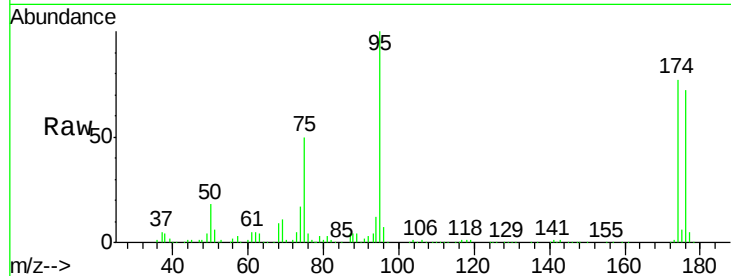
ClientSampleId :

Tot Ion: 75 Resp: 55131

Ion Ratio Lower Upper

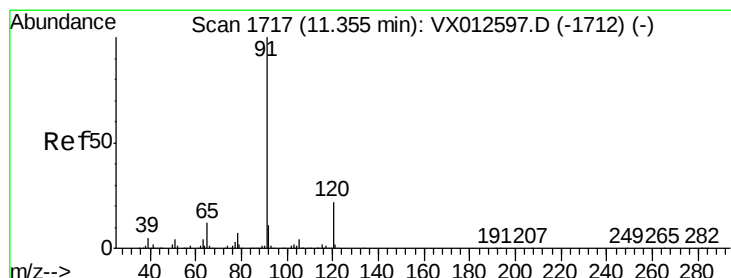
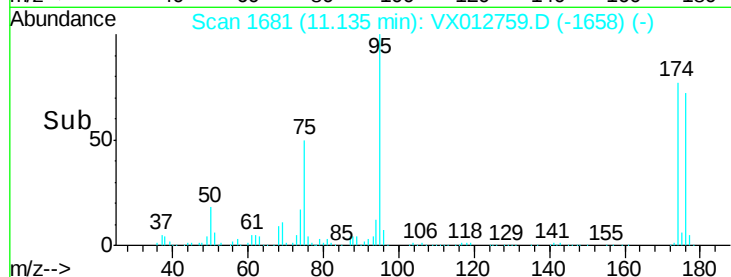
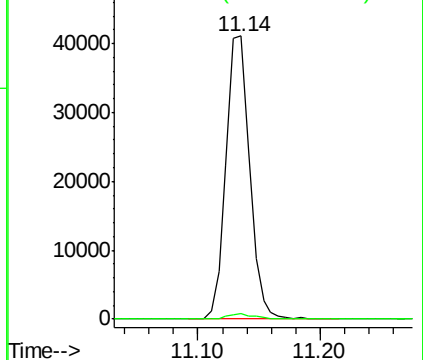
75 100

77 2.1 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: 0.348 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012759.D

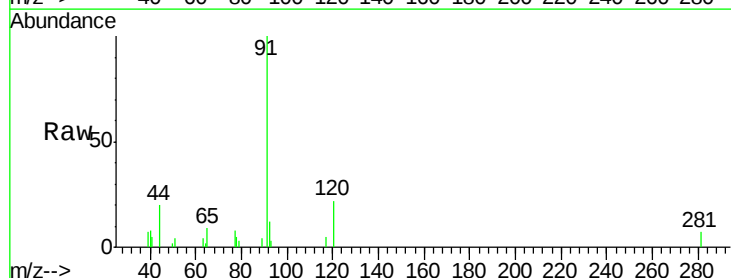
Acq: 02 Oct 2019 14:29

Tgt Ion: 91 Resp: 2827

Ion Ratio Lower Upper

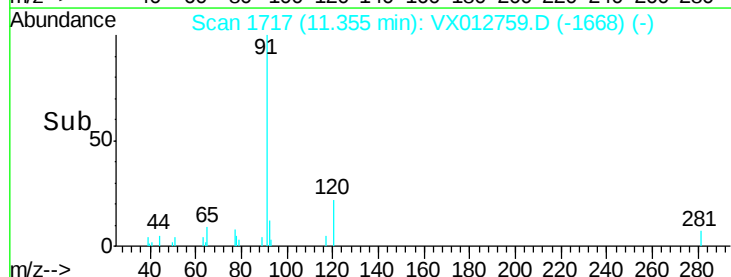
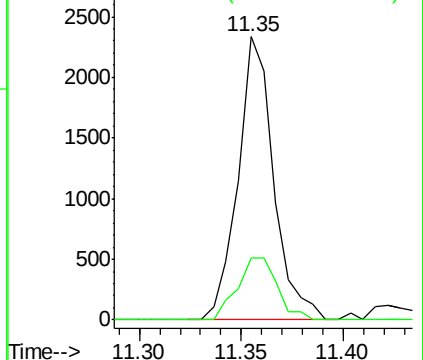
91 100

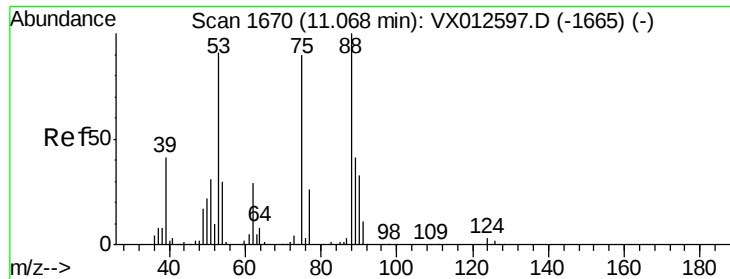
120 24.6 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 67.422 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.07 min

Lab File: VX012759.D

Acq: 02 Oct 2019 14:29

Instrument :

MSVOA_X

ClientSampled :

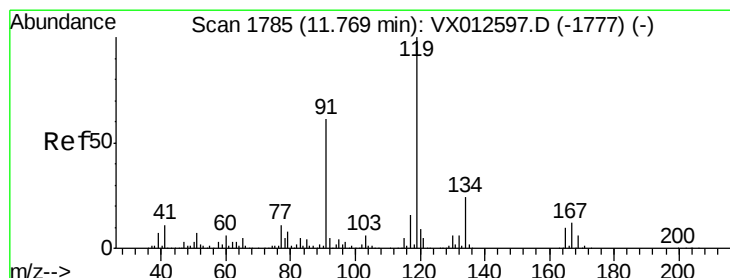
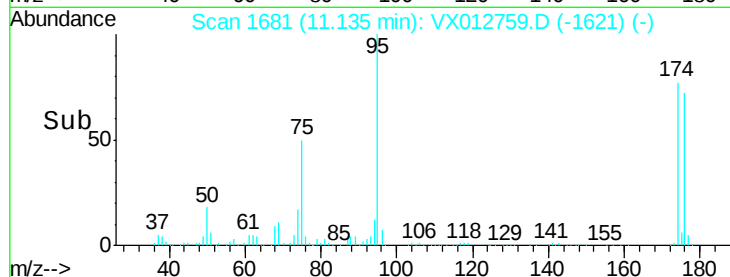
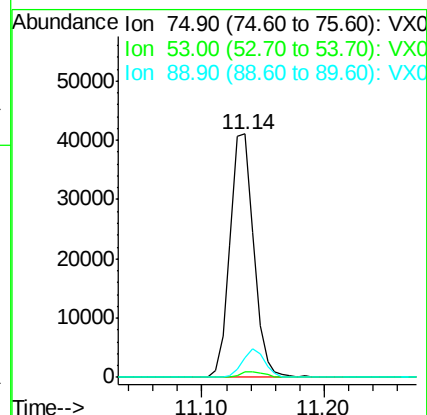
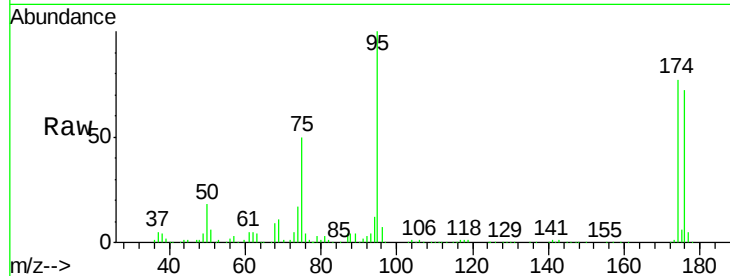
Tot Ion: 75 Resp: 55131

Ion Ratio Lower Upper

75 100

53 2.5 83.6 125.4#

89 11.1 36.3 54.5#



#83

tert-Butylbenzene

Concen: 0.315 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VX012759.D

Acq: 02 Oct 2019 14:29

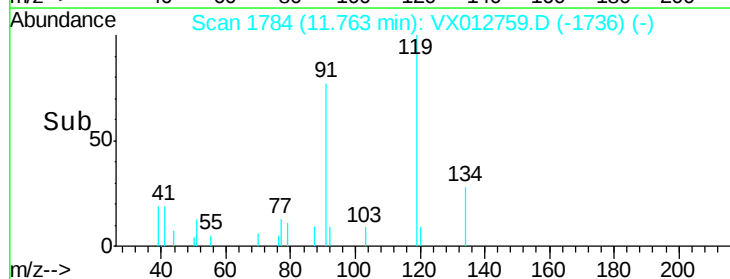
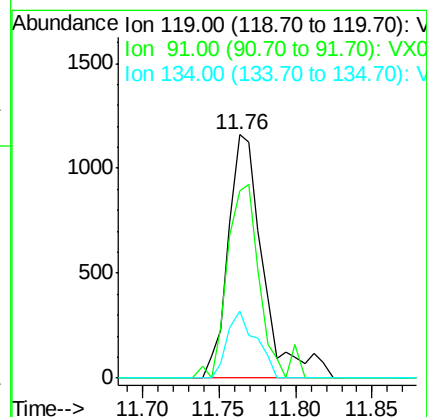
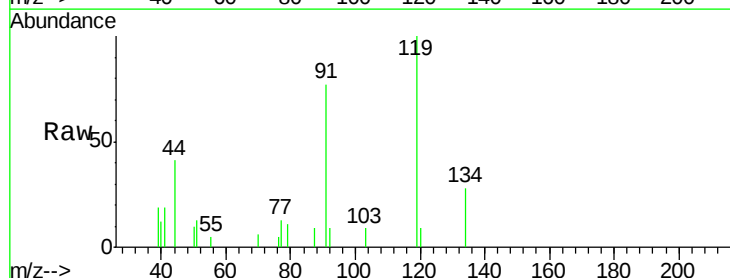
Tgt Ion: 119 Resp: 1836

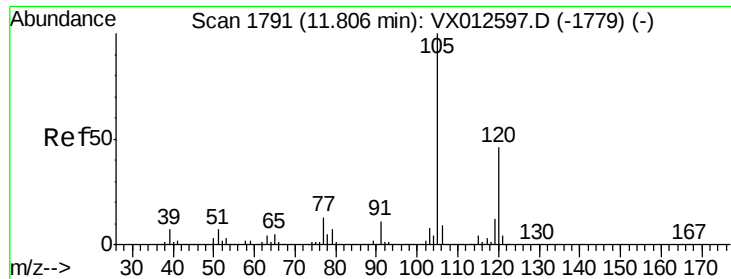
Ion Ratio Lower Upper

119 100

91 70.9 30.0 90.0

134 22.5 11.3 33.9

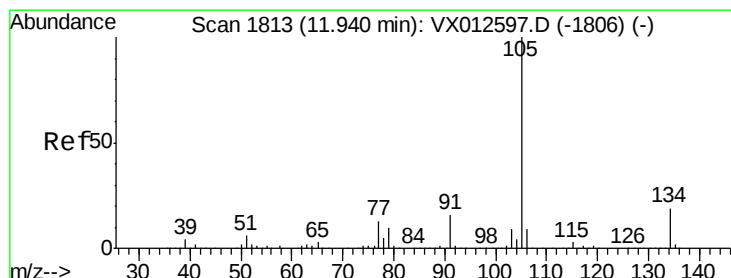
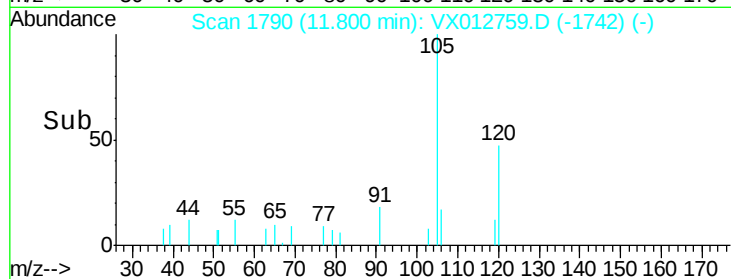
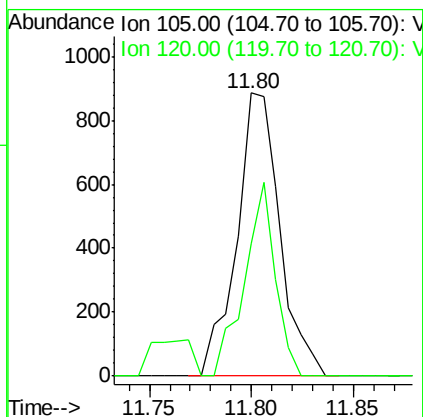
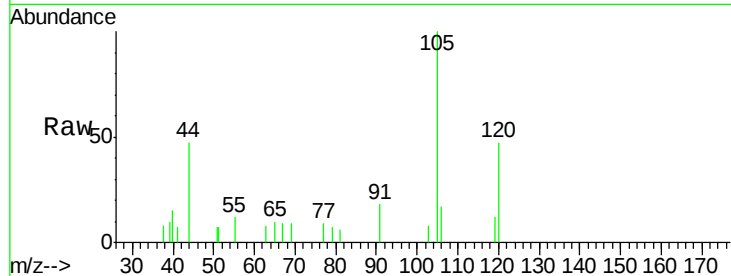




#84
1,2,4-Trimethylbenzene
Concen: 0.214 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX012759.D
Acq: 02 Oct 2019 14:29

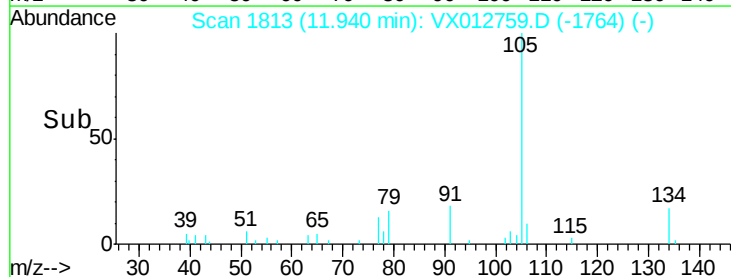
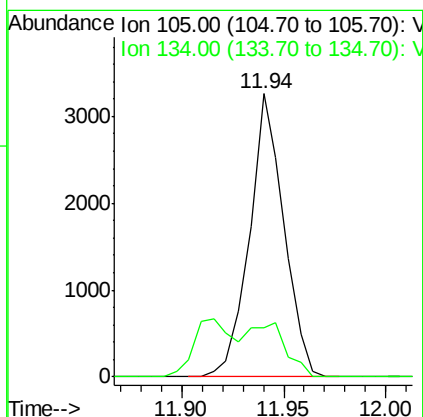
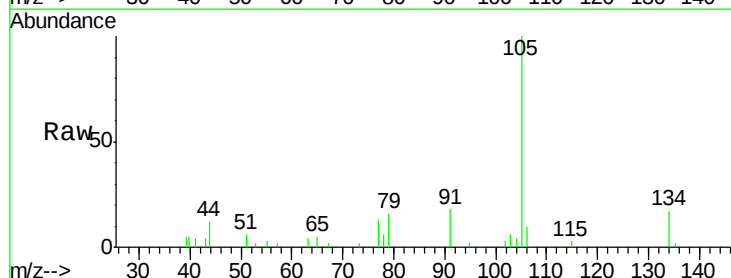
Instrument :
MSVOA_X
ClientSampled :

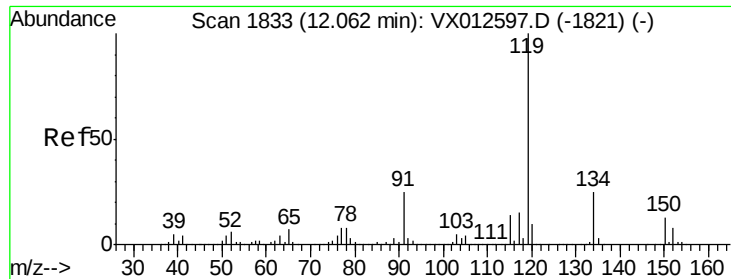
Tot Ion:105 Resp: 1305
Ion Ratio Lower Upper
105 100
120 48.7 22.2 66.6



#85
sec-Butylbenzene
Concen: 0.562 ug/l
RT: 11.94 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VX012759.D
Acq: 02 Oct 2019 14:29

Tgt Ion:105 Resp: 3817
Ion Ratio Lower Upper
105 100
134 20.6 9.8 29.4

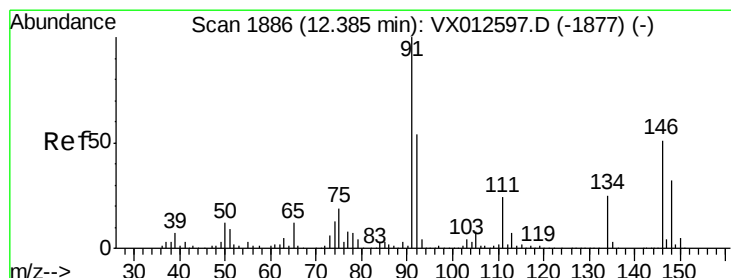
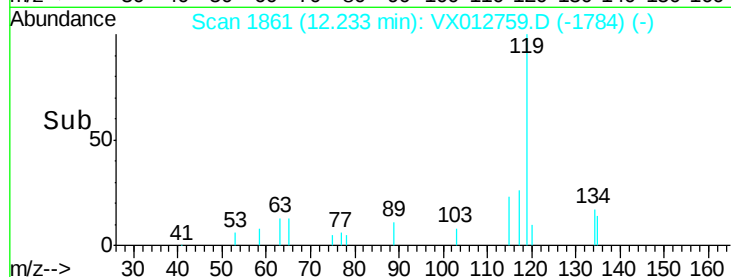
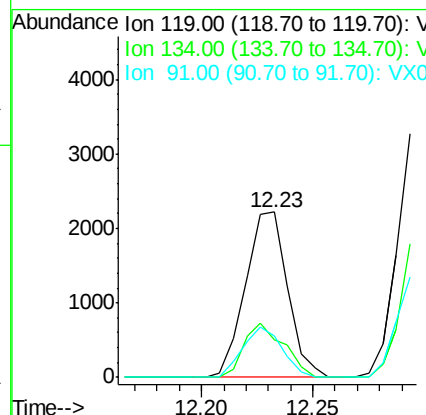
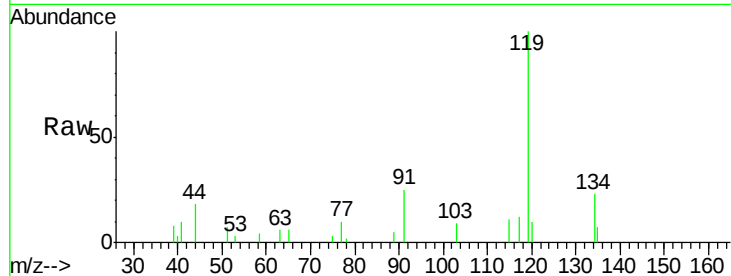




#86
p-Isopropyltoluene
Concen: 0.479 ug/l
RT: 12.23 min Scan# 1861
Delta R.T. 0.17 min
Lab File: VX012759.D
Acq: 02 Oct 2019 14:29

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:119 Resp: 2933
Ion Ratio Lower Upper
119 100
134 30.9 12.7 38.1
91 28.7 12.8 38.4



#89
n-Butylbenzene
Concen: 0.510 ug/l
RT: 12.38 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX012759.D
Acq: 02 Oct 2019 14:29

Tgt Ion: 91 Resp: 2751
Ion Ratio Lower Upper
91 100
92 35.4 27.7 83.0
134 49.7 12.9 38.6#

