

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122019\
 Data File : VX014185.D
 Acq On : 20 Dec 2019 19:32
 Operator : JC/SP
 Sample : K6355-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 30604

Quant Time: Dec 20 22:31:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	575182	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	863839	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	784979	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	378754	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	306446	47.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.02%	
35) Dibromofluoromethane	5.49	113	251218	47.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.68%	
50) Toluene-d8	8.71	98	1034142	50.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.16%	
62) 4-Bromofluorobenzene	11.13	95	364538	48.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.56%	

Target Compounds						Qvalue
6) Chloroethane	1.72	64	969	0.215	ug/l #	45
10) Methyl Iodide	2.50	142	411	2.675	ug/l #	1
11) Tert butyl alcohol	3.02	59	5865	4.164	ug/l	94
13) Acrolein	2.30	56	281	0.348	ug/l #	14
16) Acetone	2.43	43	83099	19.635	ug/l	96
17) Carbon Disulfide	2.56	76	1222	0.829	ug/l #	22
18) Methyl Acetate	2.89	43	1965	0.234	ug/l #	73
19) Methyl tert-butyl Ether	3.19	73	35811	1.970	ug/l	98
20) Methylene Chloride	2.84	84	7255	1.089	ug/l	95
25) 2-Butanone	4.67	43	23082	4.424	ug/l	96
28) Bromochloromethane	5.01	49	558	0.585	ug/l #	65
31) Cyclohexane	5.58	56	64203	6.591	ug/l	96
36) 1,1-Dichloropropene	5.65	75	38789	4.894	ug/l #	50
37) Ethyl Acetate	4.67	43	23082	2.637	ug/l #	72
38) Carbon Tetrachloride	5.65	117	48374	6.699	ug/l #	17
39) Methylcyclohexane	7.46	83	144701	14.785	ug/l	94
40) Benzene	6.14	78	608055	24.933	ug/l	98
42) 1,2-Dichloroethane	6.12	62	4945	0.598	ug/l #	72
43) Isopropyl Acetate	6.42	43	32177	2.221	ug/l #	15
48) Methyl methacrylate	7.73	41	11143	1.571	ug/l #	55
49) 1,4-Dioxane	7.76	88	105	0.727	ug/l #	1
51) 4-Methyl-2-Pentanone	8.66	43	6123	0.673	ug/l #	78
52) Toluene	8.78	92	4174357	270.800	ug/l	97
53) t-1,3-Dichloropropene	8.78	75	44298	5.190	ug/l #	1
56) Ethyl methacrylate	9.16	69	8608	0.887	ug/l #	12
59) 2-Hexanone	9.50	43	1805	0.246	ug/l	89
67) Ethyl Benzene	10.25	91	3792051	132.150	ug/l	100
68) m/p-Xylenes	10.36	106	4822696	436.977	ug/l	94
69) o-Xylene	10.70	106	2789602	257.722	ug/l	99
70) Styrene	10.70	104	136777	7.473	ug/l #	1
73) Isopropylbenzene	11.01	105	699552	26.233	ug/l	99
74) N-amyl acetate	10.91	43	8258	0.661	ug/l #	1
76) 1,2,3-Trichloropropane	11.35	75	8964	1.090	ug/l #	1
78) n-propylbenzene	11.35	91	1548100	51.755	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122019\
 Data File : VX014185.D
 Acq On : 20 Dec 2019 19:32
 Operator : JC/SP
 Sample : K6355-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 30604

Quant Time: Dec 20 22:31:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

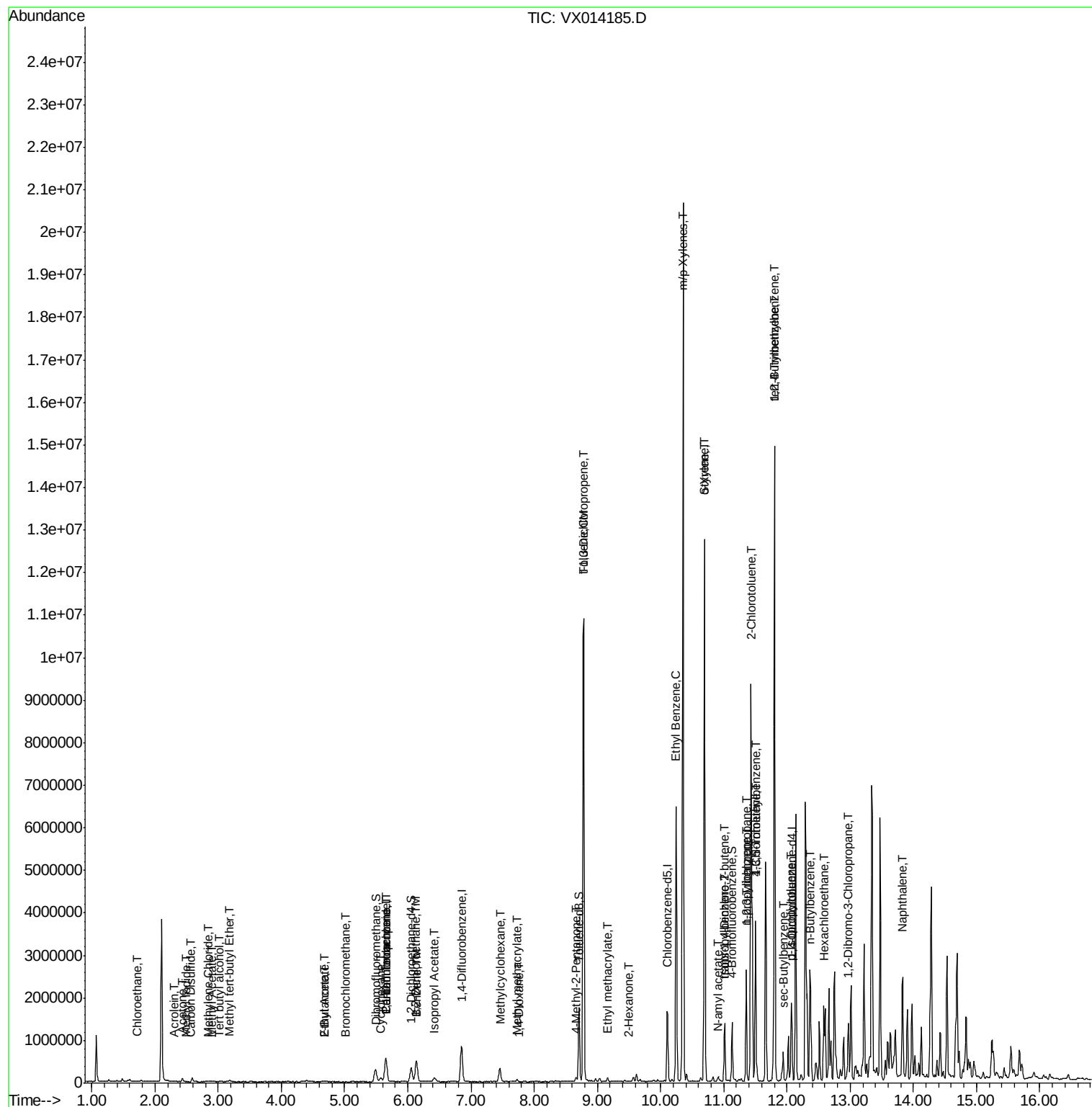
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
79) 2-Chlorotoluene	11.43	91	728943	40.090	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.50	105	1599217	71.256	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.01	75	8310	2.852	ug/l #	55
82) 4-Chlorotoluene	11.50	91	161537	7.659	ug/l #	44
83) tert-Butylbenzene	11.81	119	854968	39.145	ug/l #	62
84) 1,2,4-Trimethylbenzene	11.81	105	6588423	293.137	ug/l	96
85) sec-Butylbenzene	11.94	105	349550	13.557	ug/l	91
86) p-Isopropyltoluene	12.06	119	194701	8.255	ug/l	99
89) n-Butylbenzene	12.38	91	428788	21.307	ug/l #	36
90) Hexachloroethane	12.58	117	69046	16.299	ug/l #	6
92) 1,2-Dibromo-3-Chloropropan	12.97	75	4096	2.002	ug/l #	1
95) Naphthalene	13.83	128	1508919	61.042	ug/l	99

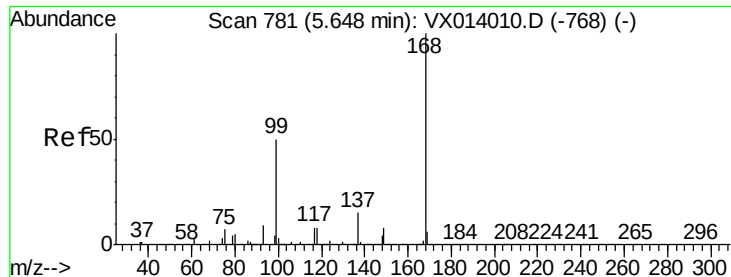
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX122019\
Data File : VX014185.D
Acq On : 20 Dec 2019 19:32
Operator : JC/SP
Sample : K6355-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
30604

Quant Time: Dec 20 22:31:26 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration



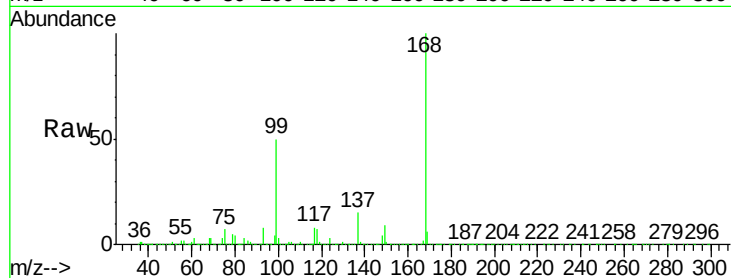


#1

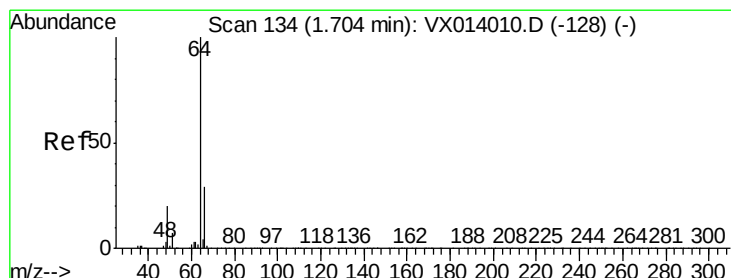
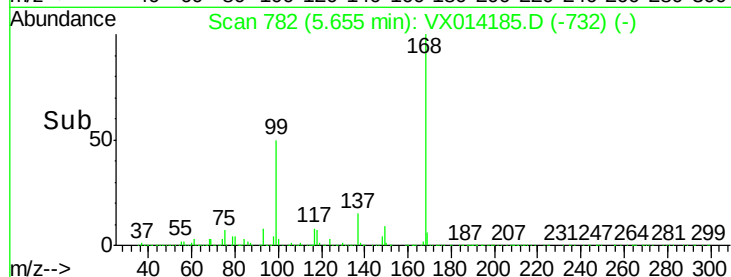
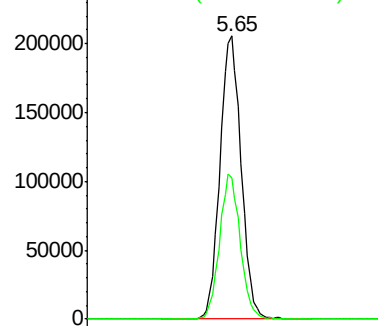
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX014185.D
Acq: 20 Dec 2019 19:32

Instrument :
MSVOA_X
ClientSampled :
30604

Tgt Ion: 168 Resp: 575182
Ion Ratio Lower Upper
168 100
99 50.0 40.3 60.5



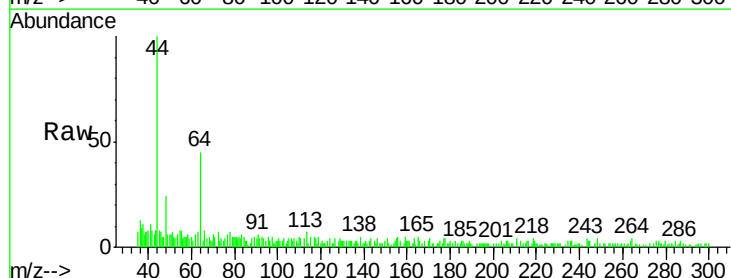
Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.90 (98.60 to 99.60): VX0



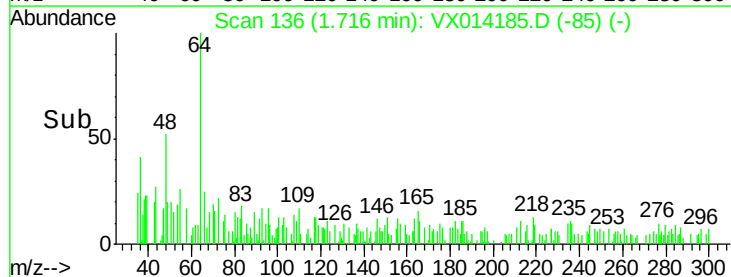
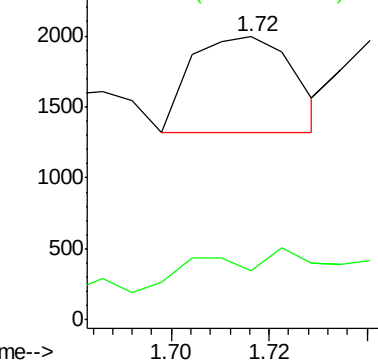
#6

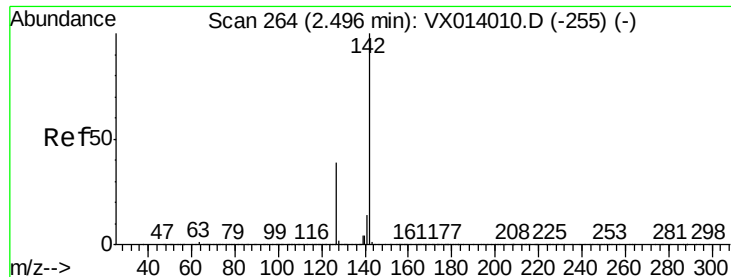
Chloroethane
Concen: 0.215 ug/l
RT: 1.72 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX014185.D
Acq: 20 Dec 2019 19:32

Tgt Ion: 64 Resp: 969
Ion Ratio Lower Upper
64 100
66 0.0 23.4 35.2#



Abundance Ion 63.90 (63.60 to 64.60): VX0
Ion 65.90 (65.60 to 66.60): VX0

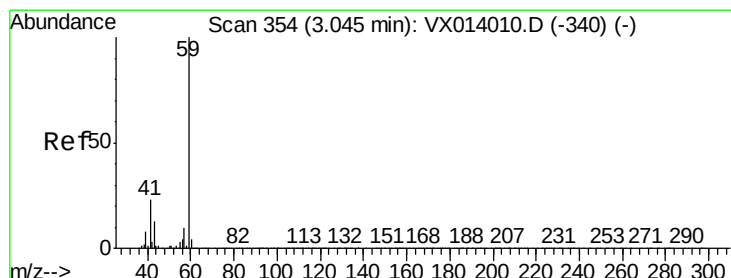
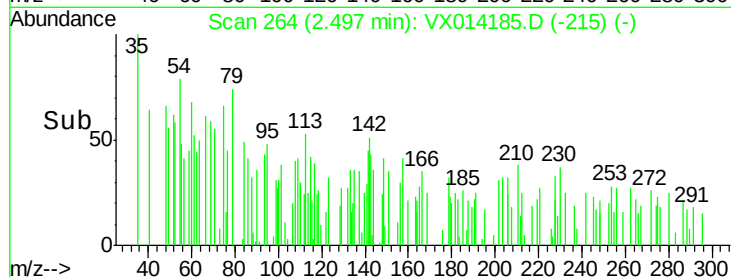
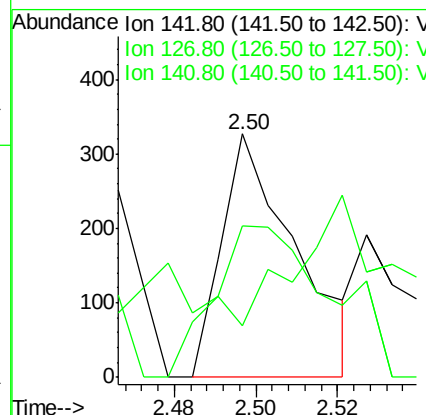
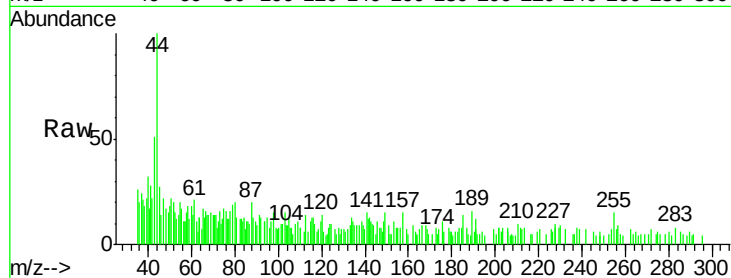




#10
Methyl Iodide
Concen: 2.675 ug/l
RT: 2.50 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX014185.D
Acq: 20 Dec 2019 19:32

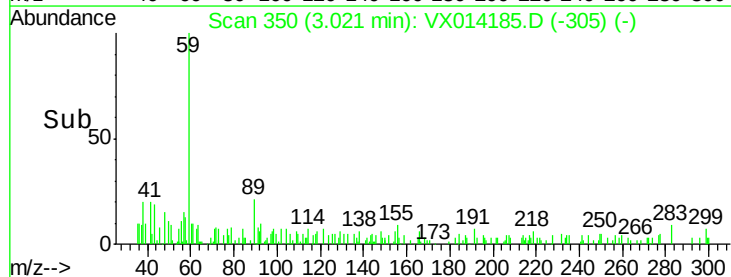
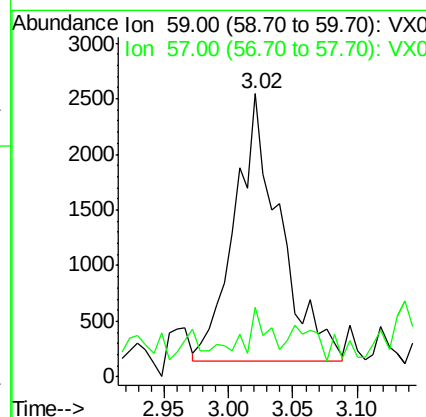
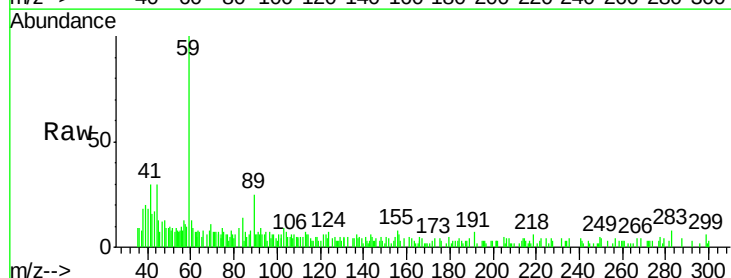
Instrument :
MSVOA_X
ClientSampled :
30604

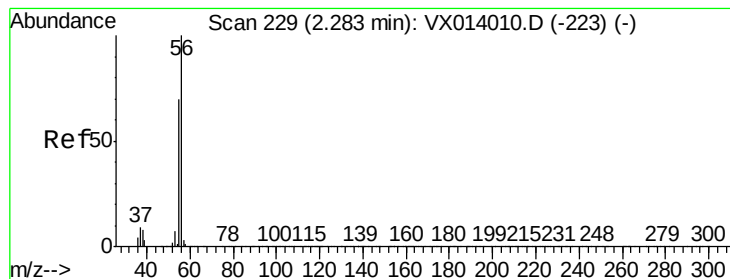
Tgt Ion: 142 Resp: 411
Ion Ratio Lower Upper
142 100
127 0.0 31.6 47.4#
141 97.8 11.6 17.4#



#11
Tert butyl alcohol
Concen: 4.164 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.02 min
Lab File: VX014185.D
Acq: 20 Dec 2019 19:32

Tgt Ion: 59 Resp: 5865
Ion Ratio Lower Upper
59 100
57 8.4 8.4 12.6





#13

Acrolein

Concen: 0.348 ug/l

RT: 2.30 min Scan# 232

Delta R.T. 0.02 min

Lab File: VX014185.D

Acq: 20 Dec 2019 19:32

Instrument :

MSVOA_X

ClientSampled :

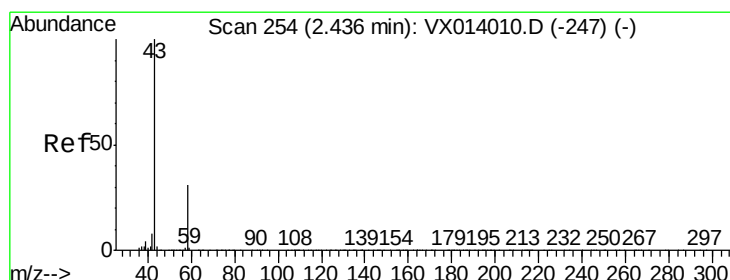
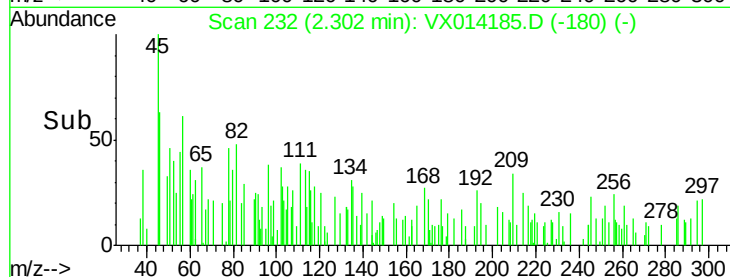
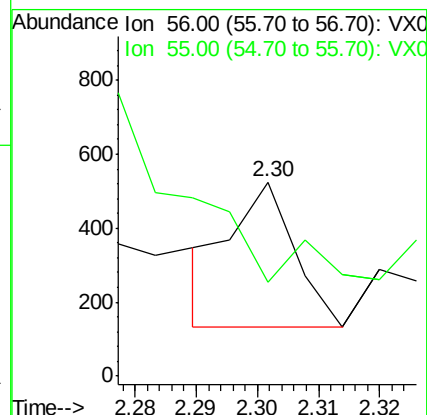
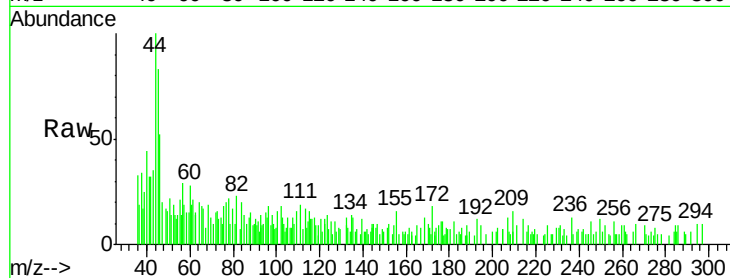
30604

Tgt Ion: 56 Resp: 281

Ion Ratio Lower Upper

56 100

55 0.0 56.9 85.3#



#16

Acetone

Concen: 19.635 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014185.D

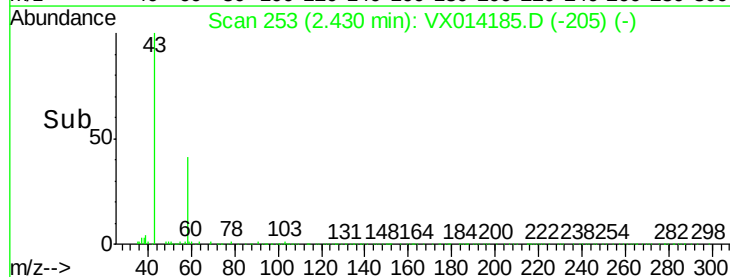
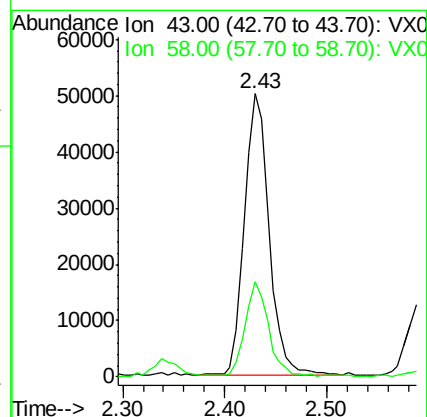
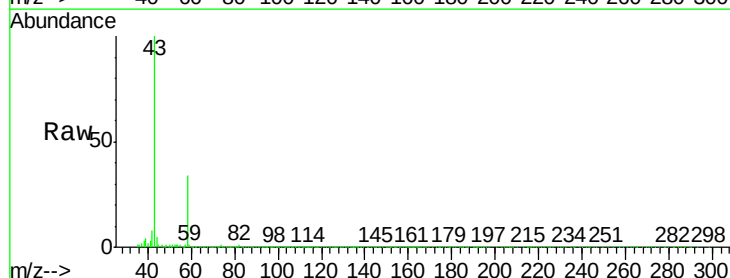
Acq: 20 Dec 2019 19:32

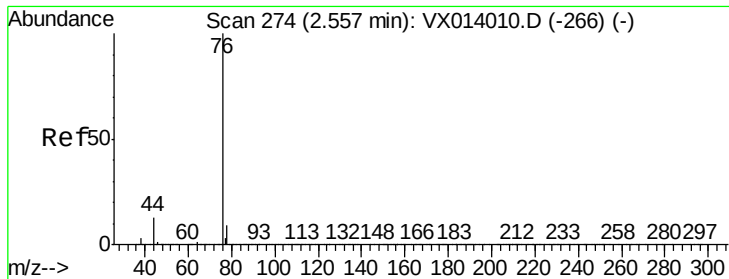
Tgt Ion: 43 Resp: 83099

Ion Ratio Lower Upper

43 100

58 33.2 24.9 37.3





#17

Carbon Disulfide

Concen: 0.829 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014185.D

Acq: 20 Dec 2019 19:32

Instrument :

MSVOA_X

ClientSampled :

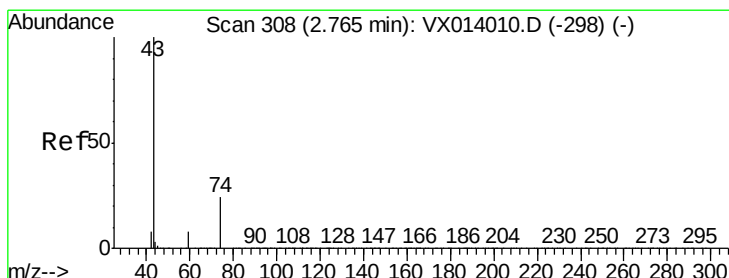
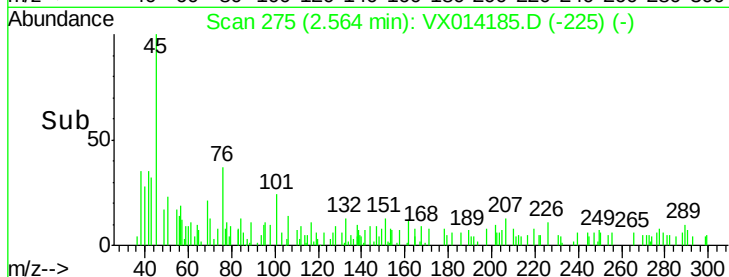
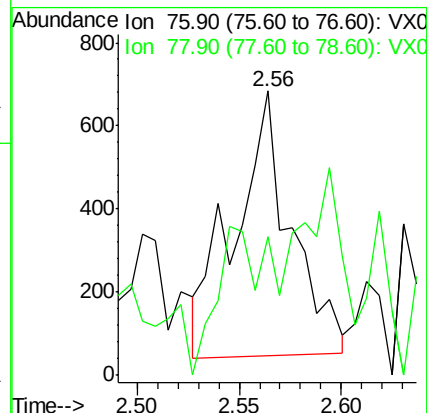
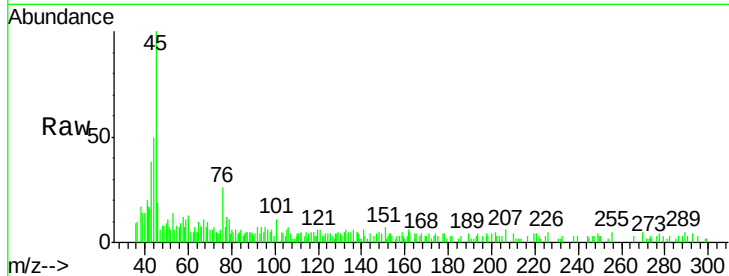
30604

Tgt Ion: 76 Resp: 1222

Ion Ratio Lower Upper

76 100

78 37.3 7.2 10.8#



#18

Methyl Acetate

Concen: 0.234 ug/l

RT: 2.89 min Scan# 329

Delta R.T. 0.13 min

Lab File: VX014185.D

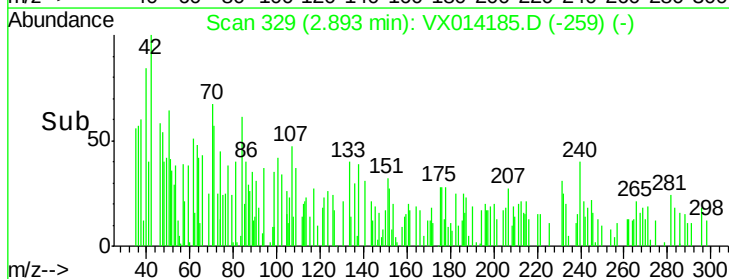
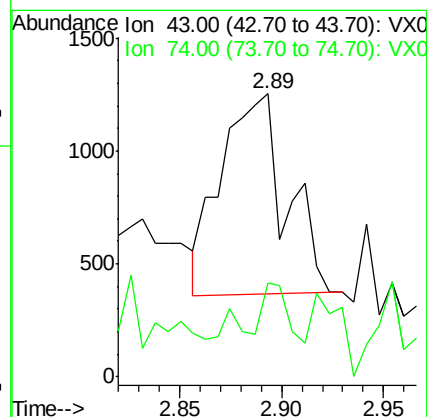
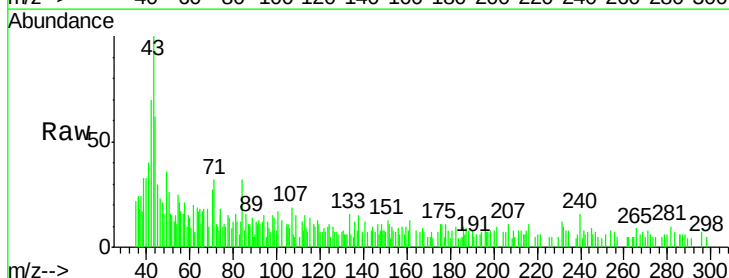
Acq: 20 Dec 2019 19:32

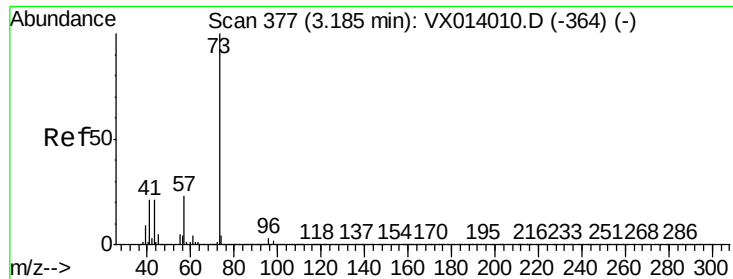
Tgt Ion: 43 Resp: 1965

Ion Ratio Lower Upper

43 100

74 11.1 19.5 29.3#



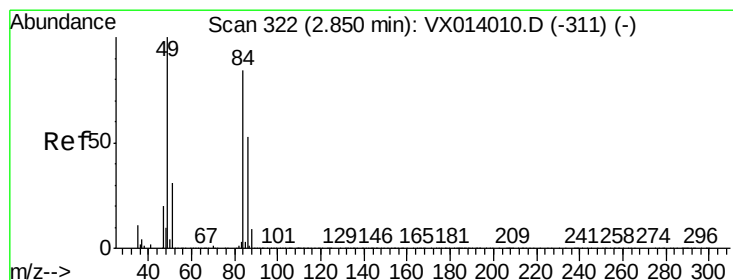
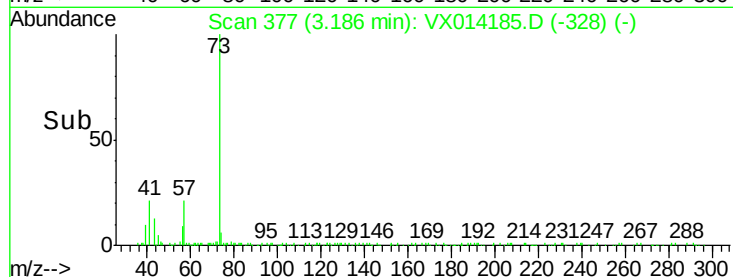
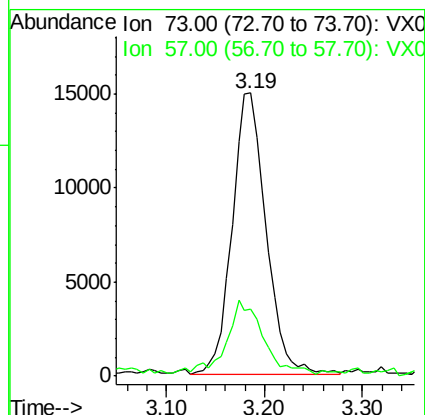
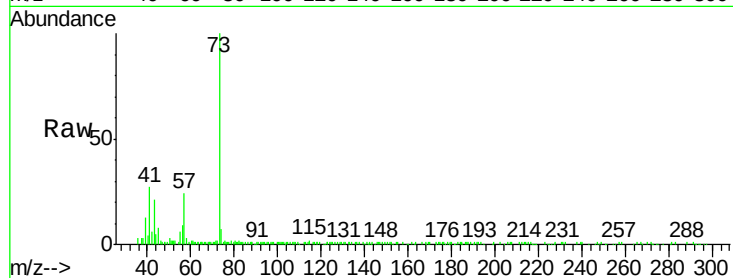


#19

Methyl tert-butyl Ether
Concen: 1.970 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX014185.D
Acq: 20 Dec 2019 19:32

Instrument :
MSVOA_X
ClientSampleId :
30604

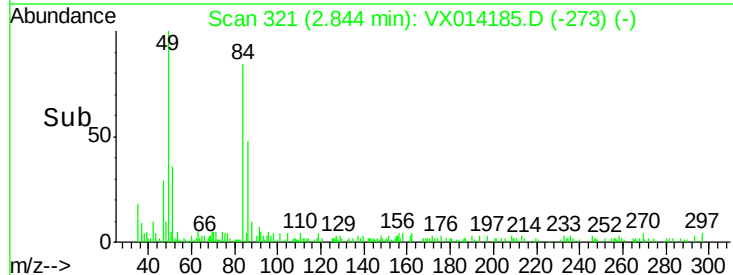
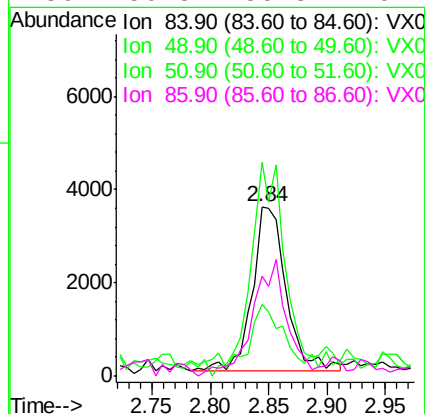
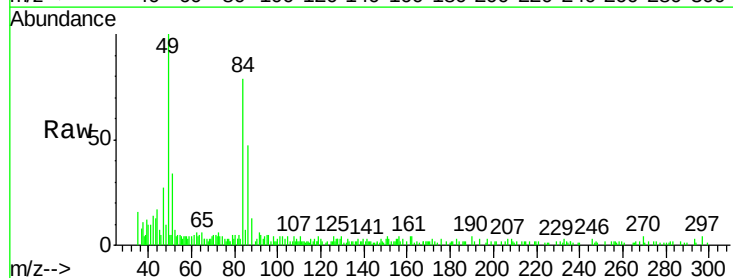
Tgt Ion: 73 Resp: 35811
Ion Ratio Lower Upper
73 100
57 22.6 18.8 28.2

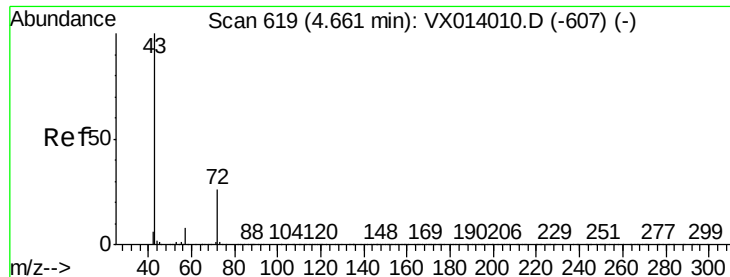


#20

Methylene Chloride
Concen: 1.089 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014185.D
Acq: 20 Dec 2019 19:32

Tgt Ion: 84 Resp: 7255
Ion Ratio Lower Upper
84 100
49 122.4 95.8 143.6
51 34.5 29.8 44.8
86 56.3 50.8 76.2

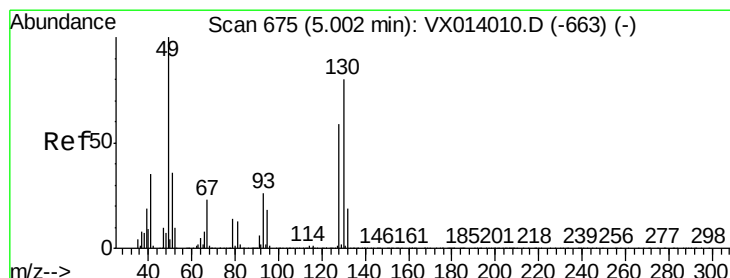
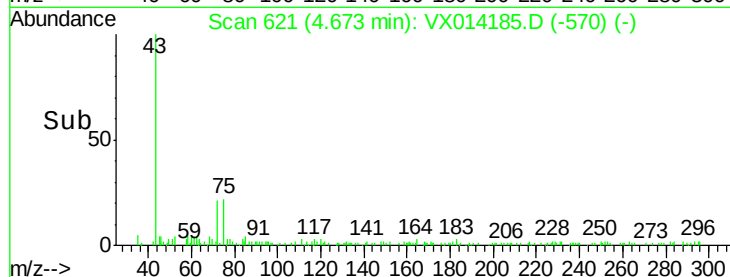
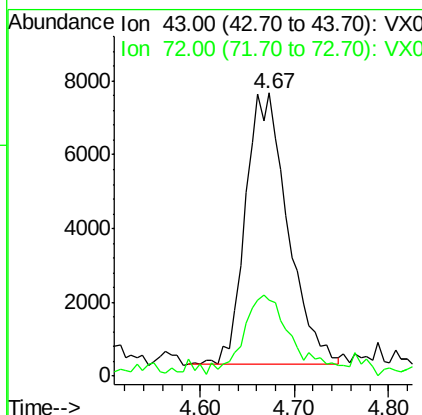
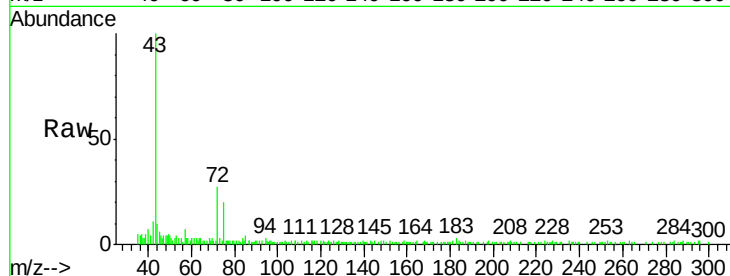




#25
2-Butanone
Concen: 4.424 ug/l
RT: 4.67 min Scan# 621
Delta R.T. 0.01 min
Lab File: VX014185.D
Acq: 20 Dec 2019 19:32

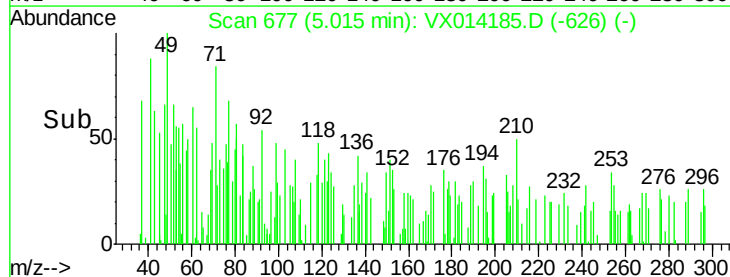
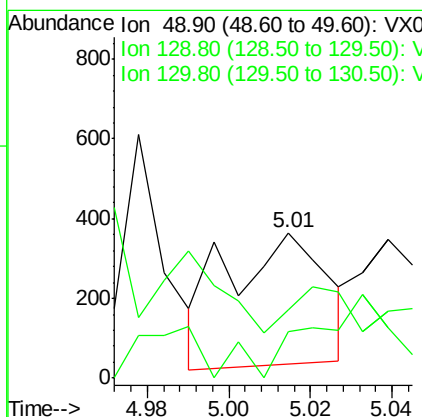
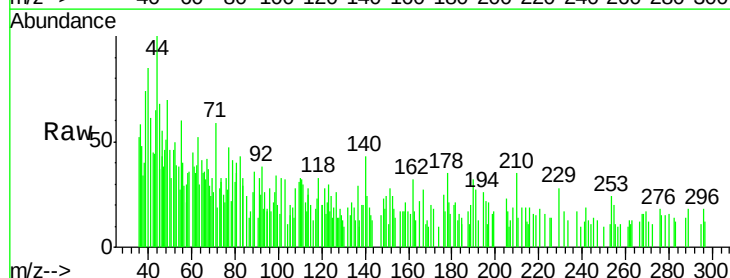
Instrument :
MSVOA_X
ClientSampled :
30604

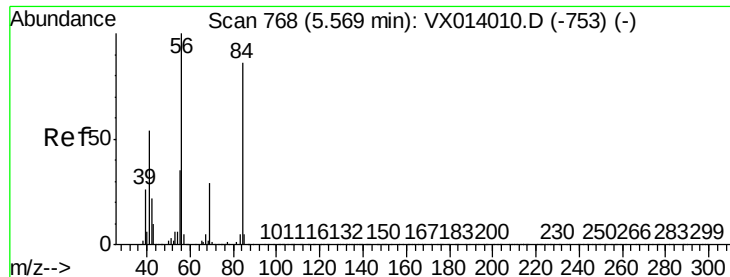
Tgt Ion: 43 Resp: 23082
Ion Ratio Lower Upper
43 100
72 24.2 21.0 31.4



#28
Bromochloromethane
Concen: 0.585 ug/l
RT: 5.01 min Scan# 677
Delta R.T. 0.01 min
Lab File: VX014185.D
Acq: 20 Dec 2019 19:32

Tgt Ion: 49 Resp: 558
Ion Ratio Lower Upper
49 100
129 18.3 0.0 5.0#
130 49.8 64.6 97.0#

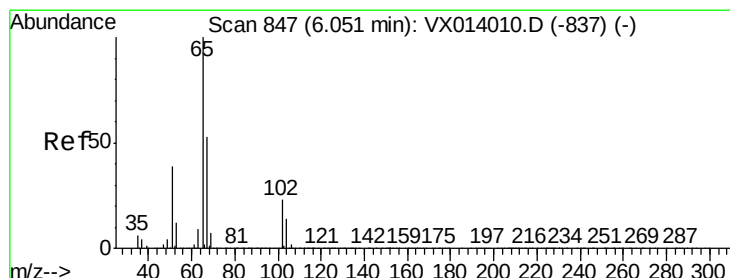
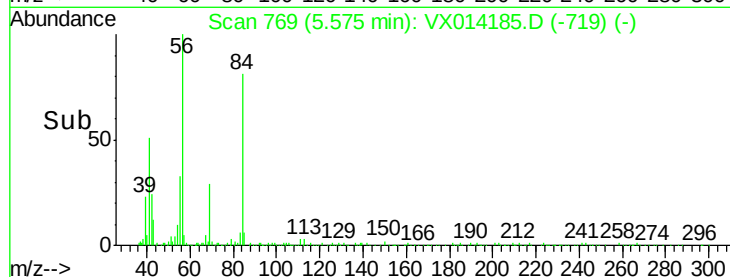
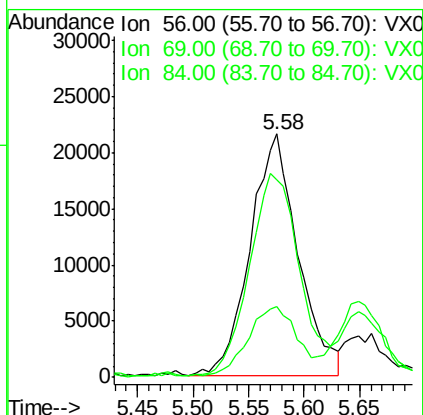
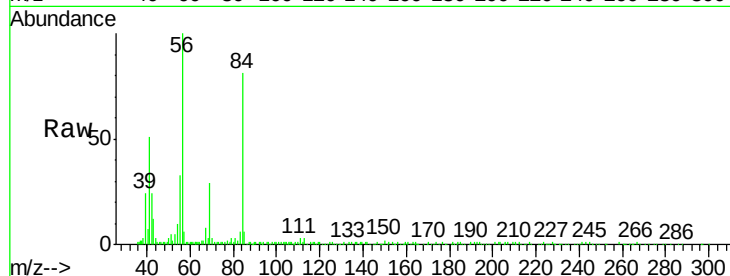




#31
Cyclohexane
Concen: 6.591 ug/l
RT: 5.58 min Scan# 769
Delta R.T. 0.01 min
Lab File: VX014185.D
Acq: 20 Dec 2019 19:32

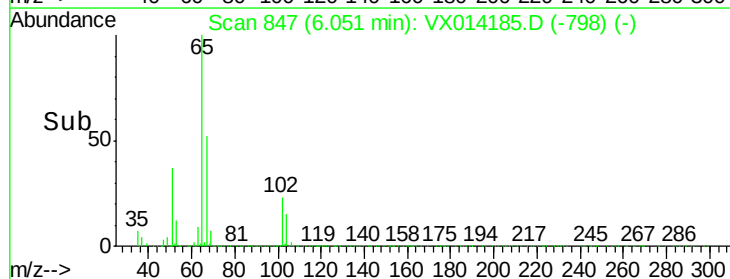
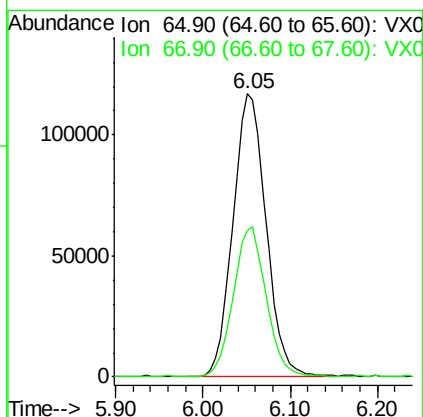
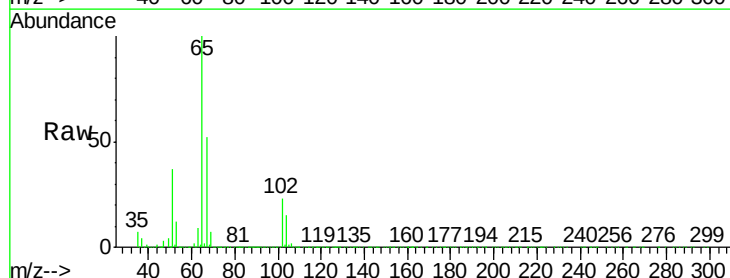
Instrument :
MSVOA_X
ClientSampleId :
30604

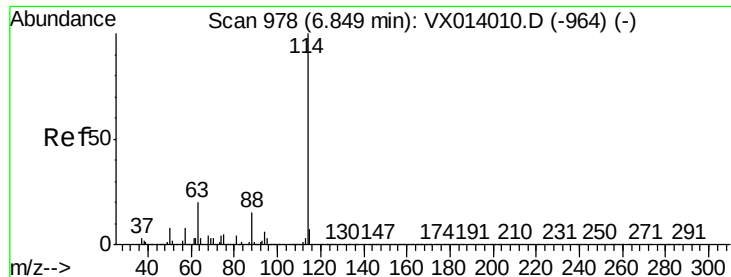
Tgt Ion: 56 Resp: 64203
Ion Ratio Lower Upper
56 100
69 28.8 23.2 34.8
84 81.4 69.2 103.8



#33
1,2-Dichloroethane-d4
Concen: 47.009 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX014185.D
Acq: 20 Dec 2019 19:32

Tgt Ion: 65 Resp: 306446
Ion Ratio Lower Upper
65 100
67 52.2 0.0 106.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014185.D

Acq: 20 Dec 2019 19:32

Instrument :

MSVOA_X

ClientSampleId :

30604

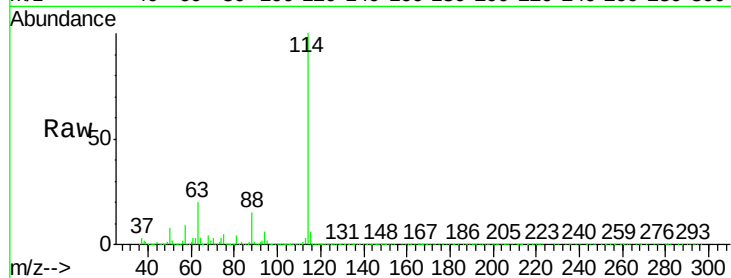
Tgt Ion:114 Resp: 863839

Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.8

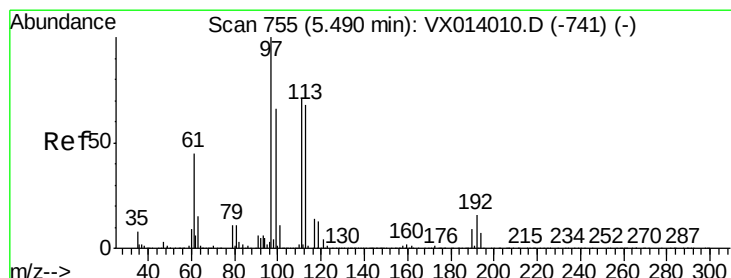
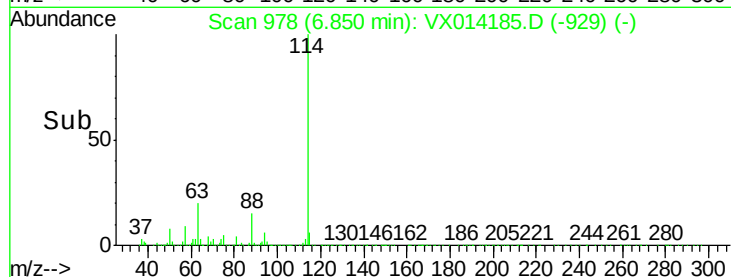
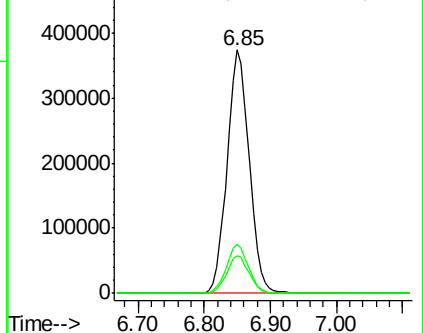
88 15.3 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 47.840 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014185.D

Acq: 20 Dec 2019 19:32

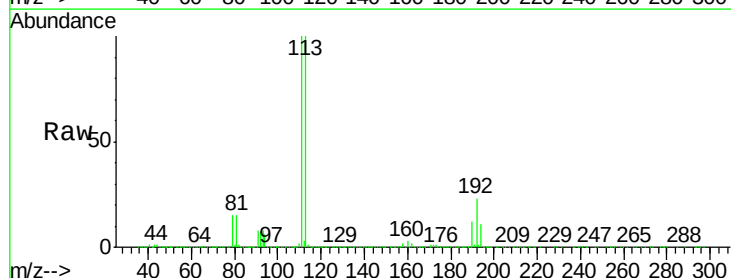
Tgt Ion:113 Resp: 251218

Ion Ratio Lower Upper

113 100

111 102.4 82.0 123.0

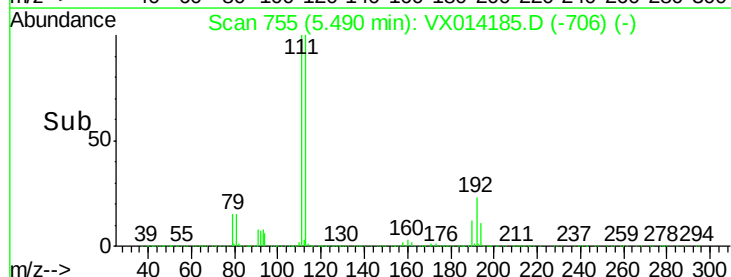
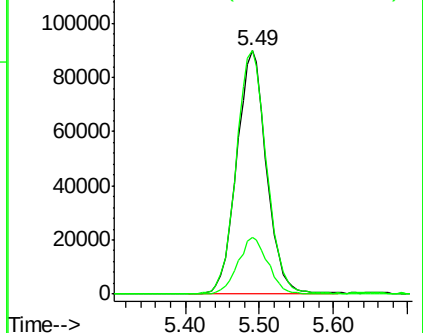
192 23.8 19.3 28.9

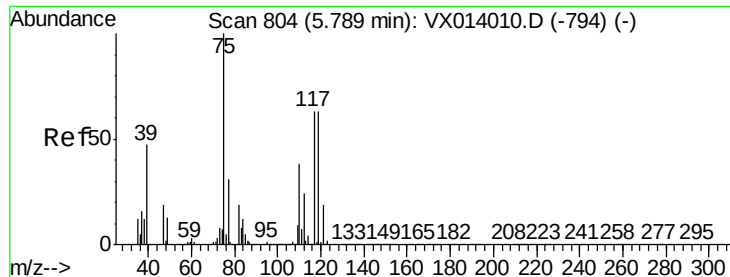


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

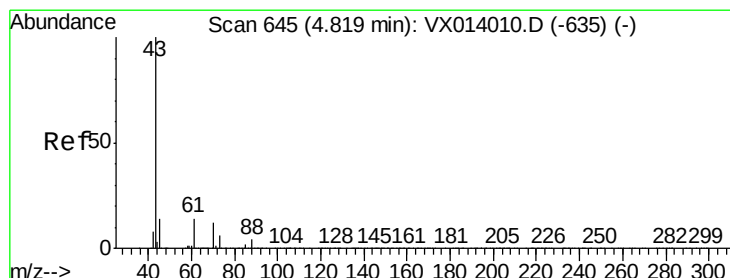
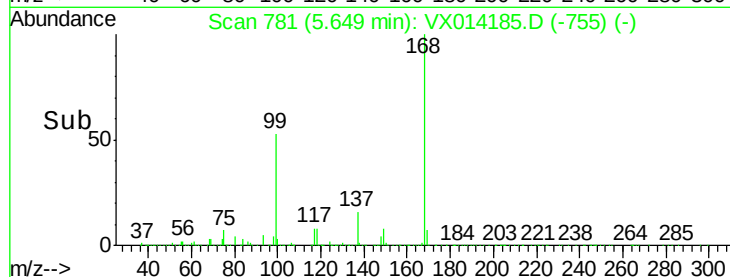
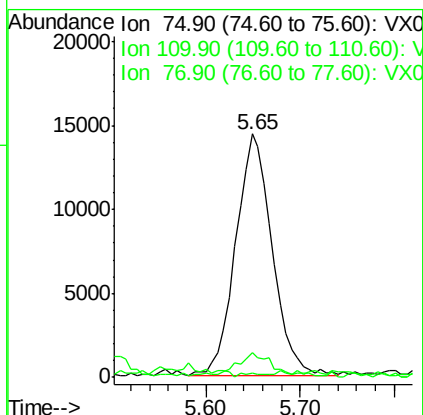
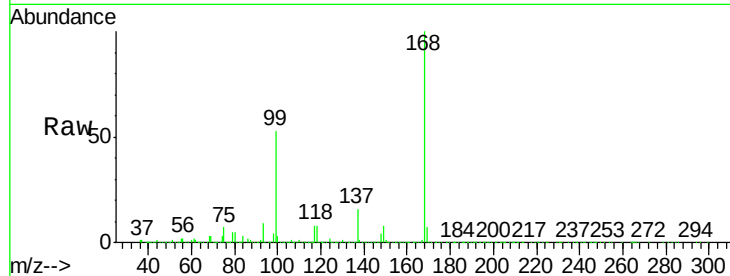




#36
 1,1-Dichloropropene
 Concen: 4.894 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.14 min
 Lab File: VX014185.D
 Acq: 20 Dec 2019 19:32

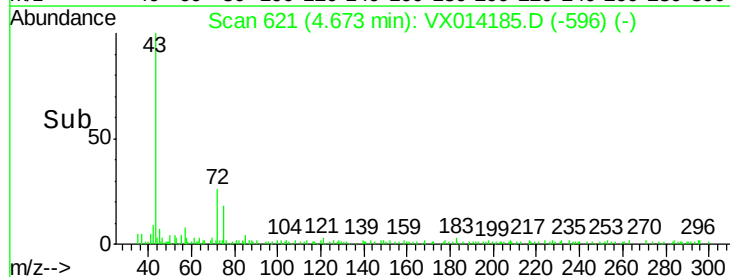
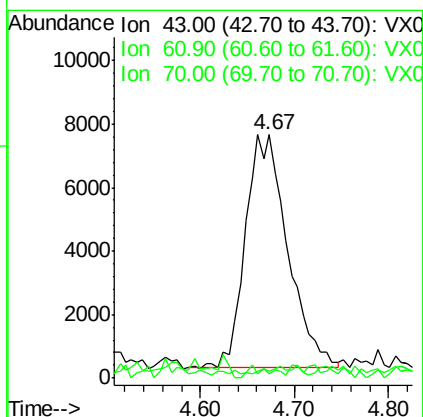
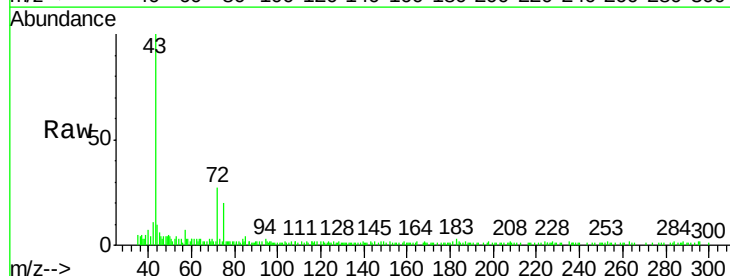
Instrument :
 MSVOA_X
 ClientSampleId :
 30604

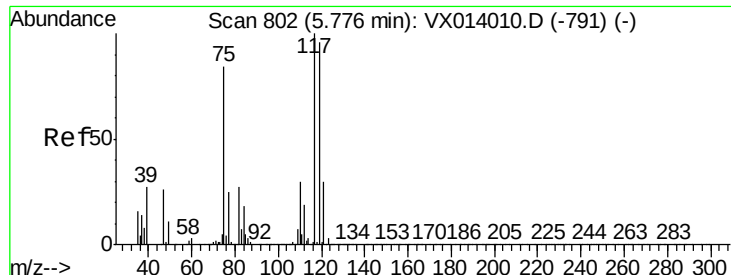
Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.0	18.3	54.9#
77	1.2	24.8	37.2#



#37
 Ethyl Acetate
 Concen: 2.637 ug/l
 RT: 4.67 min Scan# 621
 Delta R.T. -0.15 min
 Lab File: VX014185.D
 Acq: 20 Dec 2019 19:32

Tgt Ion	Ratio	Lower	Upper
43	100		
61	1.2	10.8	16.2#
70	1.3	8.6	12.8#





#38

Carbon Tetrachloride

Concen: 6.699 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.12 min

Lab File: VX014185.D

Acq: 20 Dec 2019 19:32

Instrument :

MSVOA_X

ClientSampleId :

30604

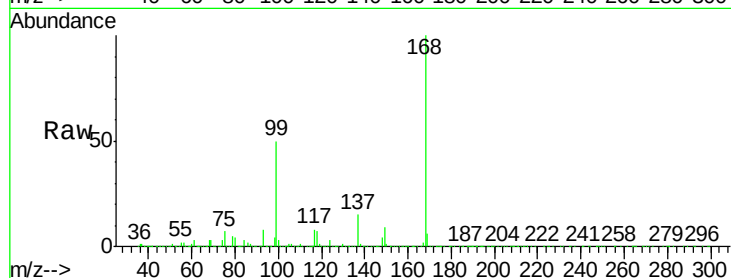
Tgt Ion:117 Resp: 48374

Ion Ratio Lower Upper

117 100

119 6.2 76.2 114.4#

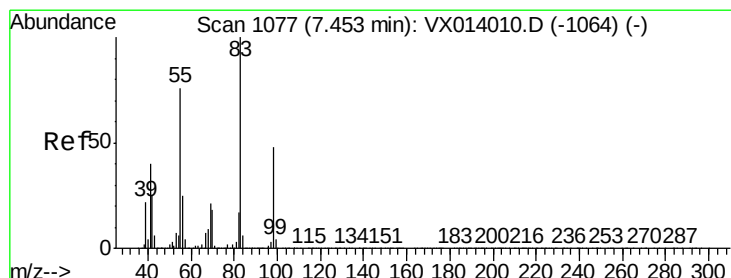
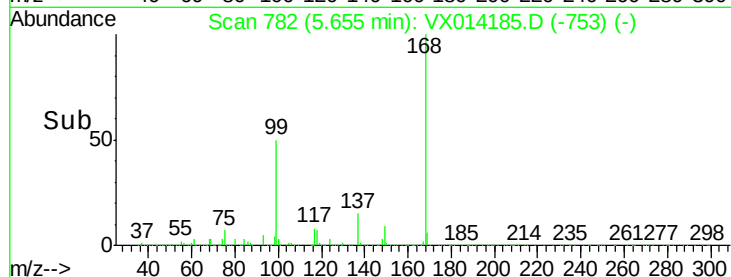
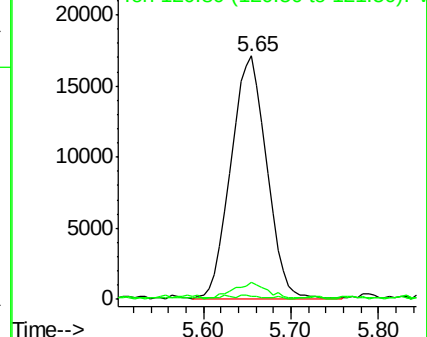
121 0.7 23.6 35.4#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 14.785 ug/l

RT: 7.46 min Scan# 1078

Delta R.T. 0.01 min

Lab File: VX014185.D

Acq: 20 Dec 2019 19:32

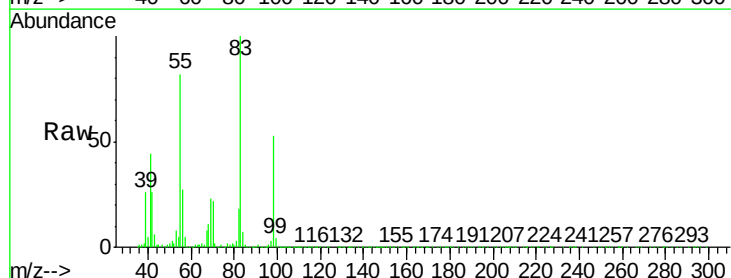
Tgt Ion: 83 Resp: 144701

Ion Ratio Lower Upper

83 100

55 81.7 61.0 91.6

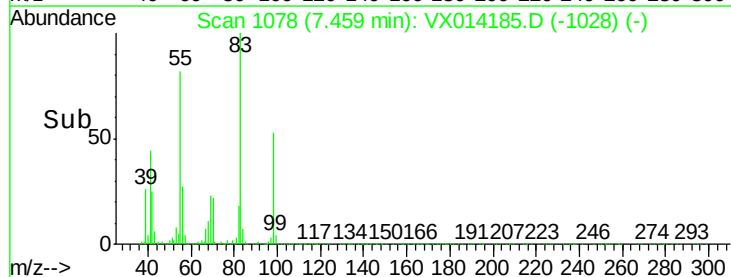
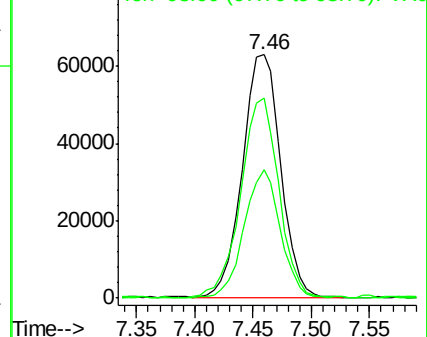
98 52.8 38.6 57.8

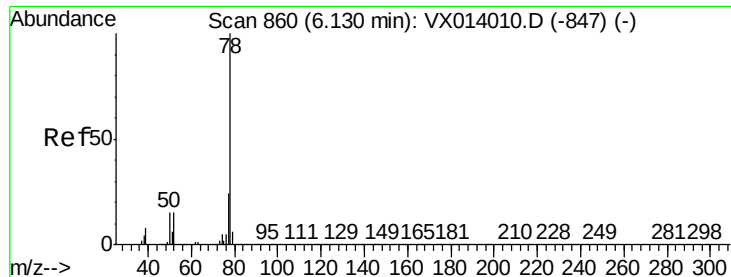


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 24.933 ug/l

RT: 6.14 min Scan# 861

Delta R.T. 0.01 min

Lab File: VX014185.D

Acq: 20 Dec 2019 19:32

Instrument :

MSVOA_X

ClientSampleId :

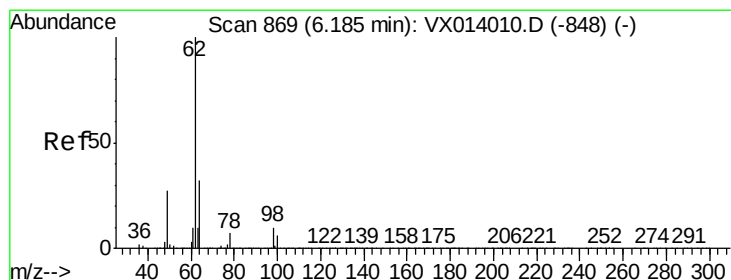
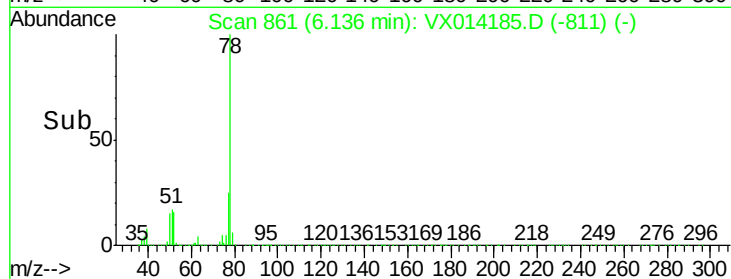
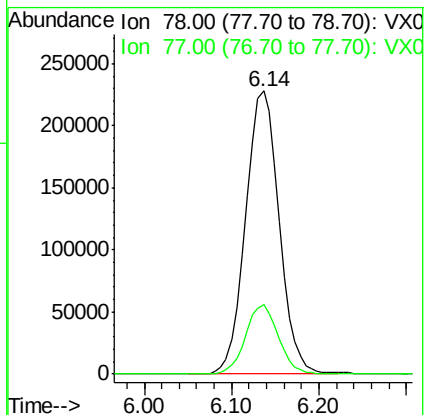
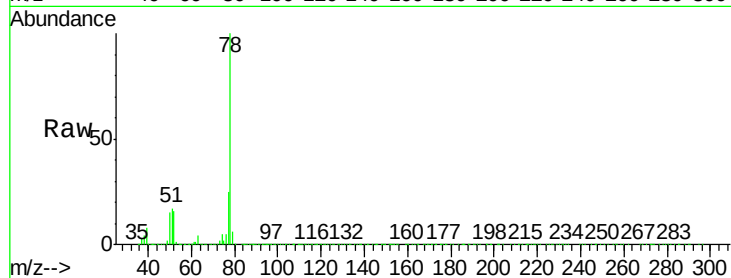
30604

Tgt Ion: 78 Resp: 608055

Ion Ratio Lower Upper

78 100

77 24.5 18.8 28.2



#42

1,2-Dichloroethane

Concen: 0.598 ug/l

RT: 6.12 min Scan# 859

Delta R.T. -0.06 min

Lab File: VX014185.D

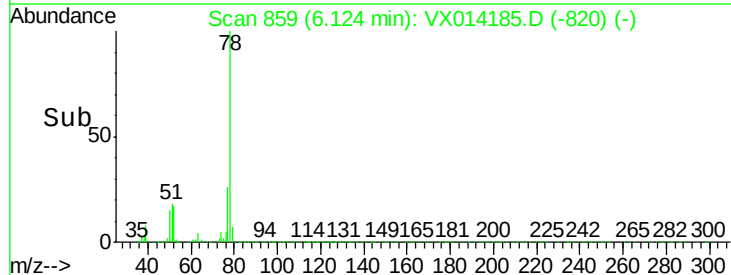
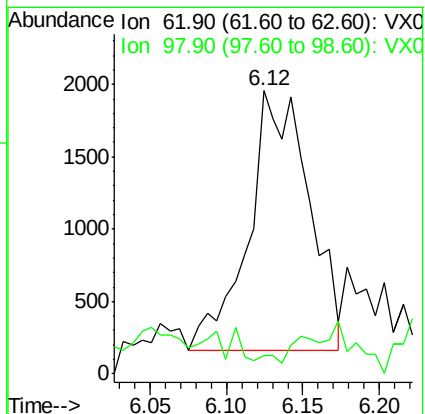
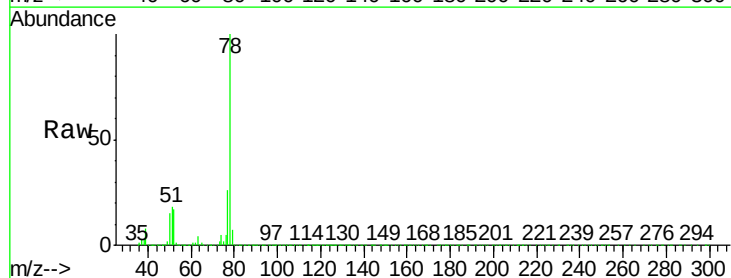
Acq: 20 Dec 2019 19:32

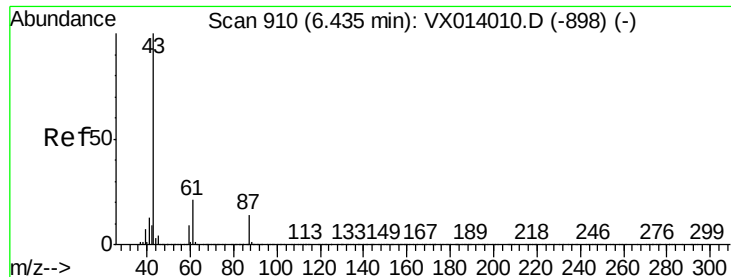
Tgt Ion: 62 Resp: 4945

Ion Ratio Lower Upper

62 100

98 0.0 0.0 21.0





#43

Isopropyl Acetate

Concen: 2.221 ug/l

RT: 6.42 min Scan# 907

Delta R.T. -0.02 min

Lab File: VX014185.D

Acq: 20 Dec 2019 19:32

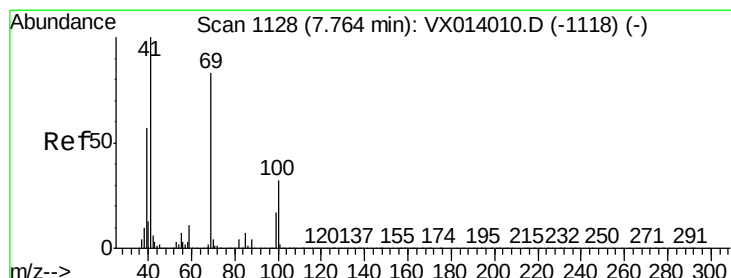
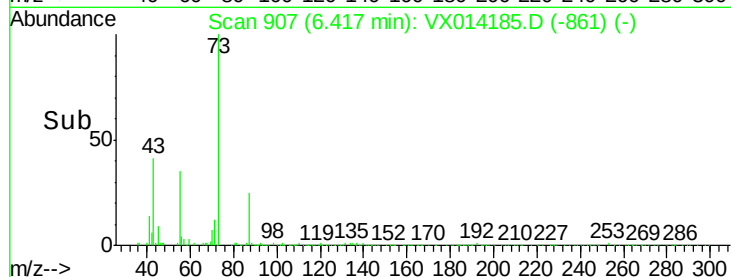
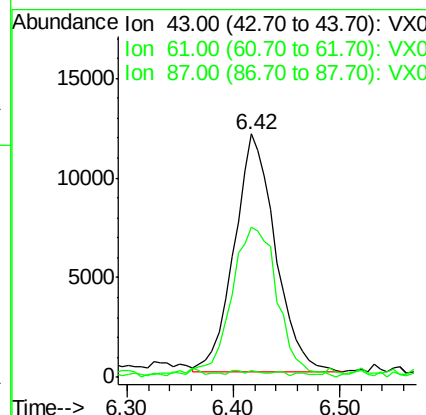
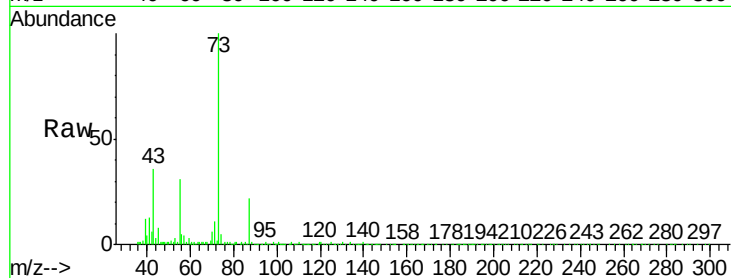
Instrument :

MSVOA_X

ClientSampleId :

30604

Tgt Ion:	43	Resp:	32177
Ion	Ratio	Lower	Upper
43	100		
61	0.4	16.4	24.6#
87	73.0	10.7	16.1#



#48

Methyl methacrylate

Concen: 1.571 ug/l

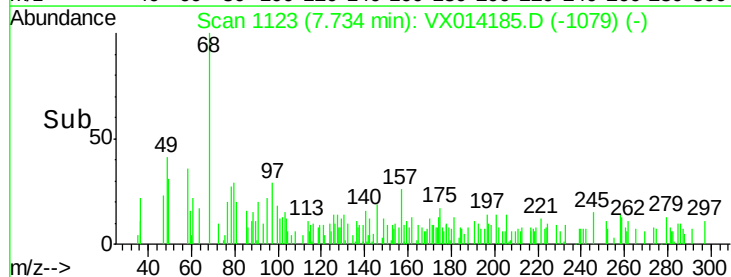
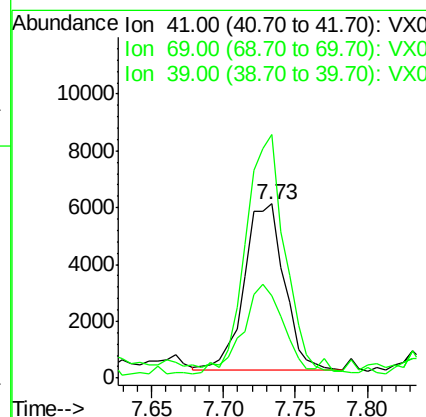
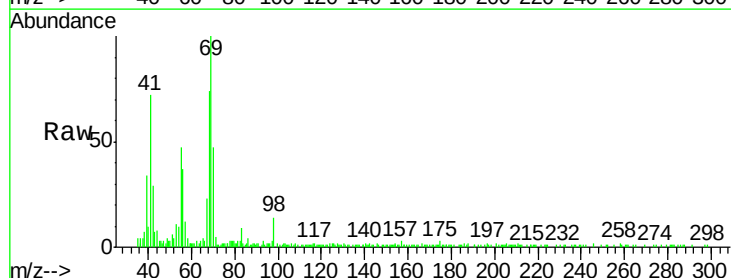
RT: 7.73 min Scan# 1123

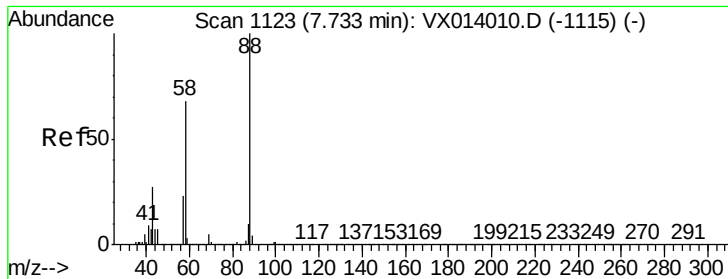
Delta R.T. -0.03 min

Lab File: VX014185.D

Acq: 20 Dec 2019 19:32

Tgt Ion:	41	Resp:	11143
Ion	Ratio	Lower	Upper
41	100		
69	143.7	65.8	98.6#
39	47.9	44.6	67.0





#49

1,4-Dioxane

Concen: 0.727 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. 0.02 min

Lab File: VX014185.D

Acq: 20 Dec 2019 19:32

Instrument :

MSVOA_X

ClientSampleId :

30604

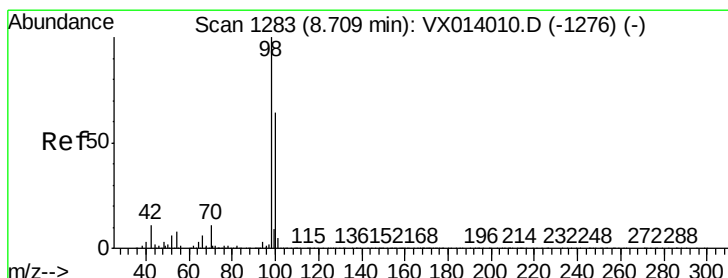
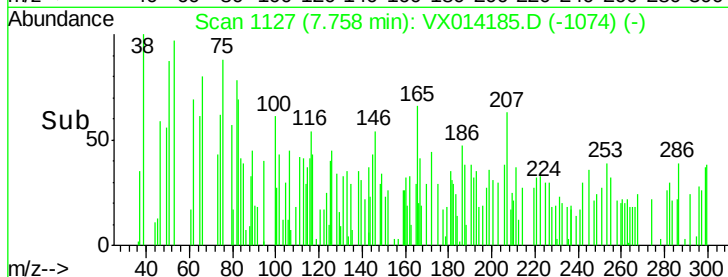
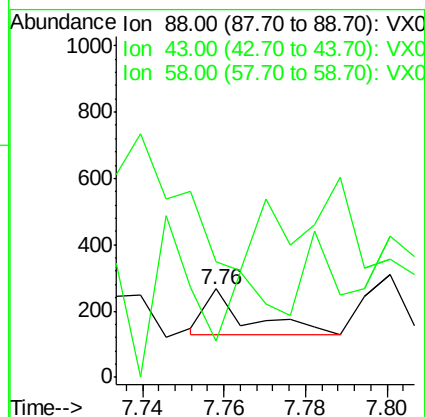
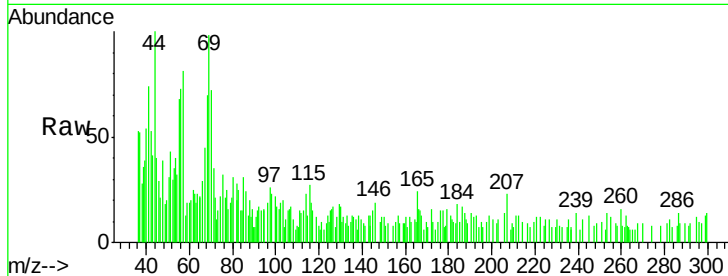
Tgt Ion: 88 Resp: 105

Ion Ratio Lower Upper

88 100

43 1090.5 26.5 39.7#

58 302.9 56.8 85.2#



#50

Toluene-d8

Concen: 50.584 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014185.D

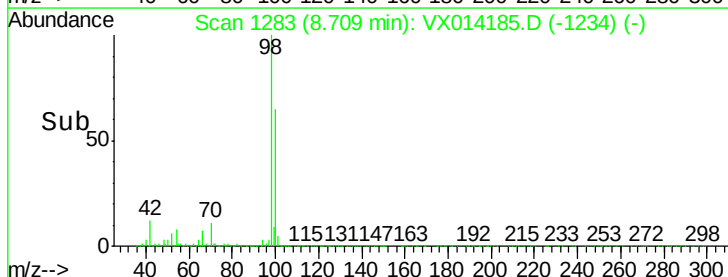
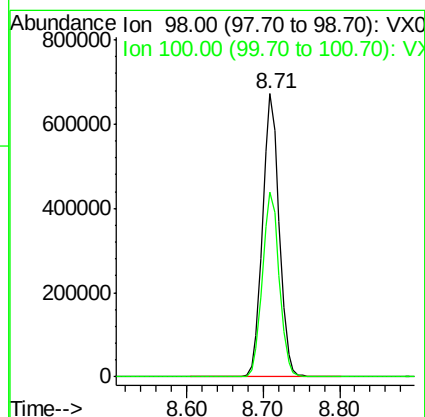
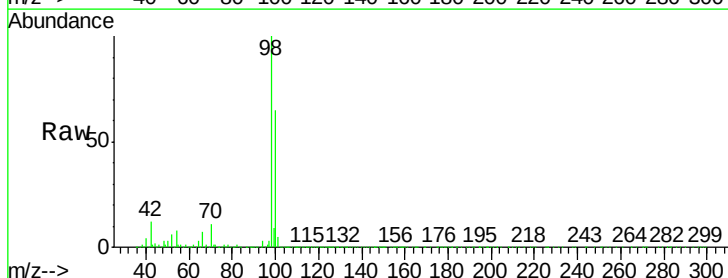
Acq: 20 Dec 2019 19:32

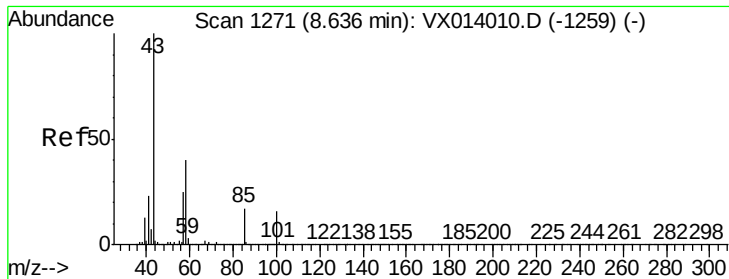
Tgt Ion: 98 Resp: 1034142

Ion Ratio Lower Upper

98 100

100 65.8 52.9 79.3





#51

4-Methyl-2-Pentanone

Concen: 0.673 ug/l

RT: 8.66 min Scan# 1275

Delta R.T. 0.02 min

Lab File: VX014185.D

Acq: 20 Dec 2019 19:32

Instrument :

MSVOA_X

ClientSampleId :

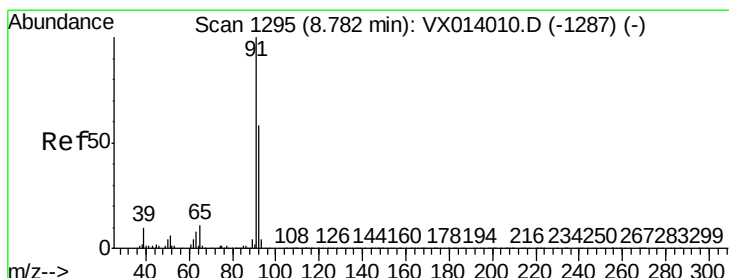
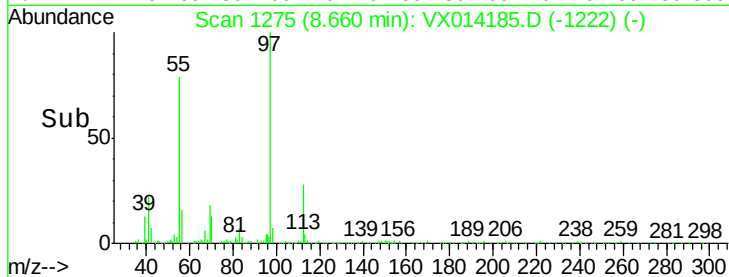
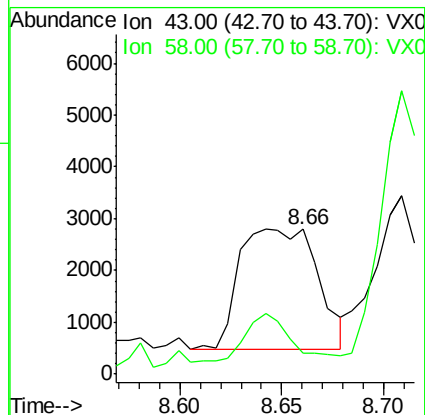
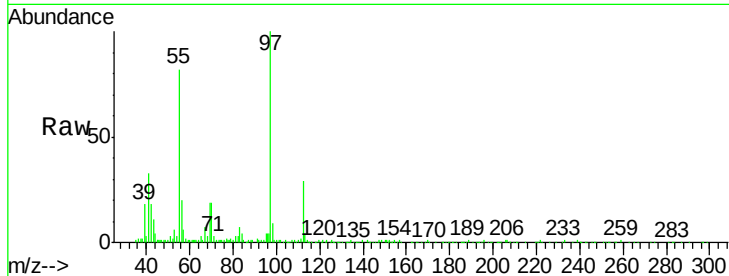
30604

Tgt Ion: 43 Resp: 6123

Ion Ratio Lower Upper

43 100

58 26.4 32.2 48.2#



#52

Toluene

Concen: 270.800 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX014185.D

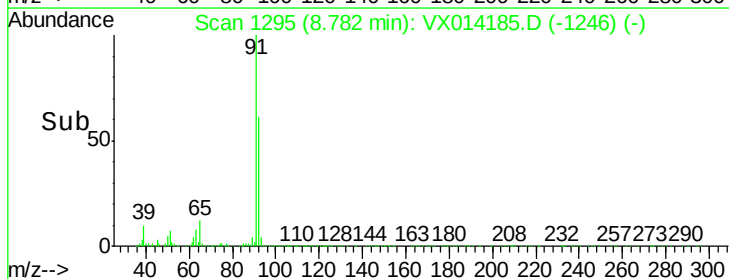
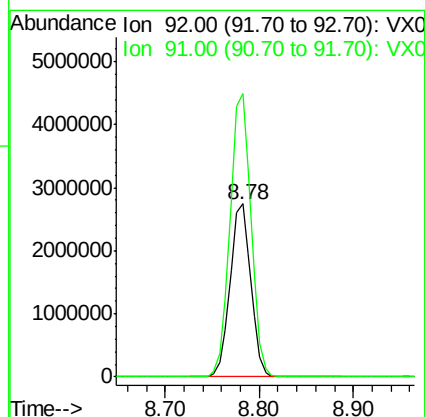
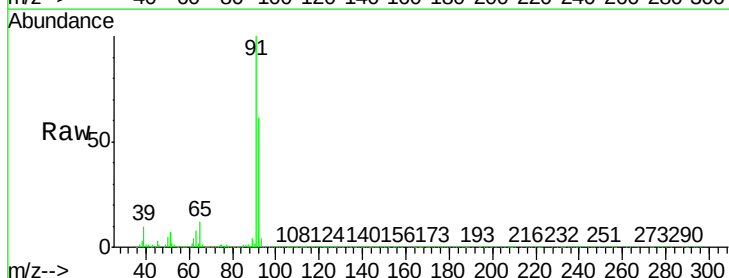
Acq: 20 Dec 2019 19:32

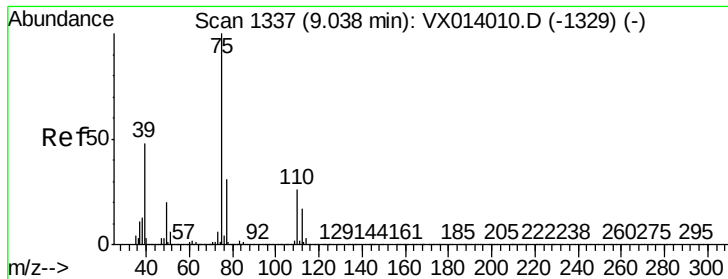
Tgt Ion: 92 Resp: 4174357

Ion Ratio Lower Upper

92 100

91 166.4 136.2 204.4





#53

t-1,3-Dichloropropene

Concen: 5.190 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.26 min

Lab File: VX014185.D

Acq: 20 Dec 2019 19:32

Instrument :

MSVOA_X

ClientSampled :

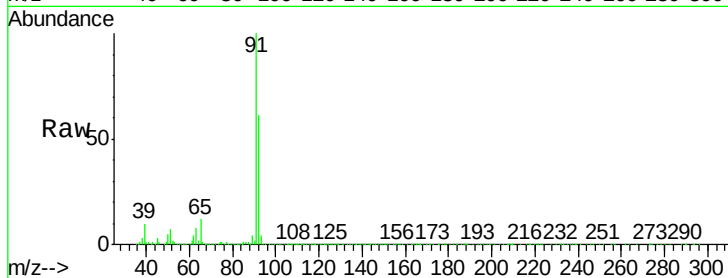
30604

Tgt Ion: 75 Resp: 44298

Ion Ratio Lower Upper

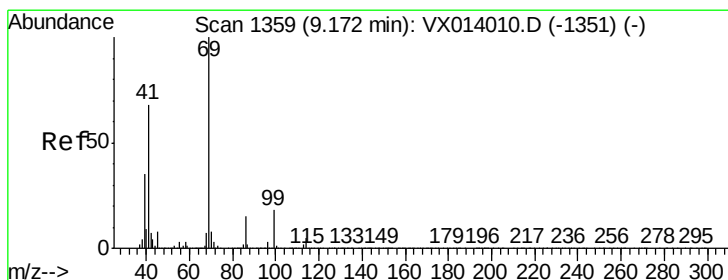
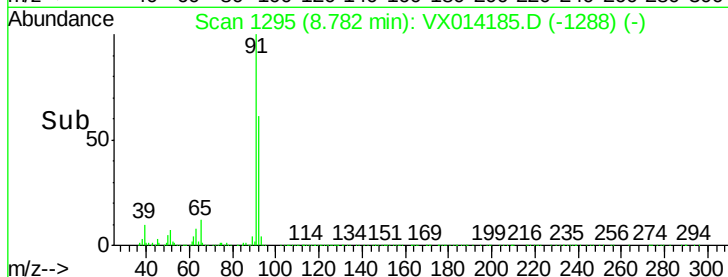
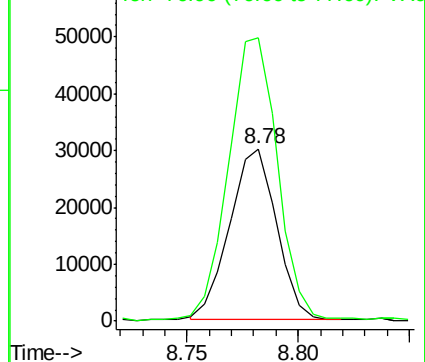
75 100

77 164.0 25.1 37.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#56

Ethyl methacrylate

Concen: 0.887 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. -0.01 min

Lab File: VX014185.D

Acq: 20 Dec 2019 19:32

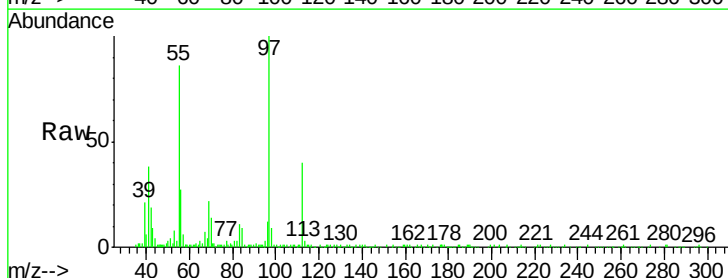
Tgt Ion: 69 Resp: 8608

Ion Ratio Lower Upper

69 100

41 142.1 54.8 82.2#

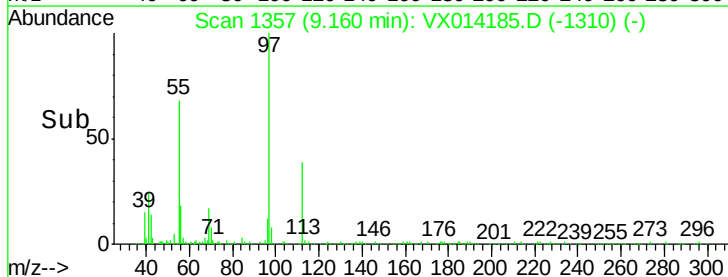
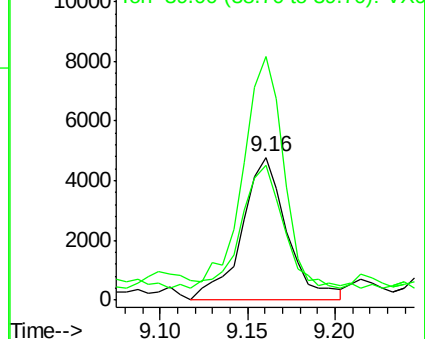
39 83.2 28.3 42.5#

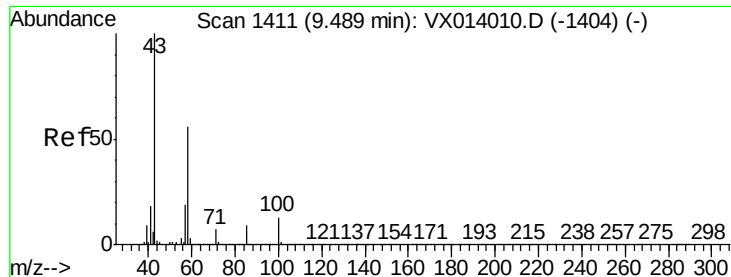


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

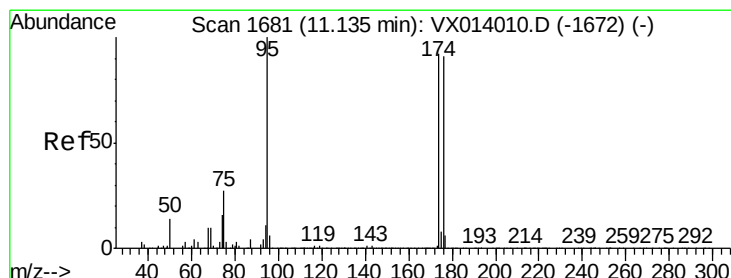
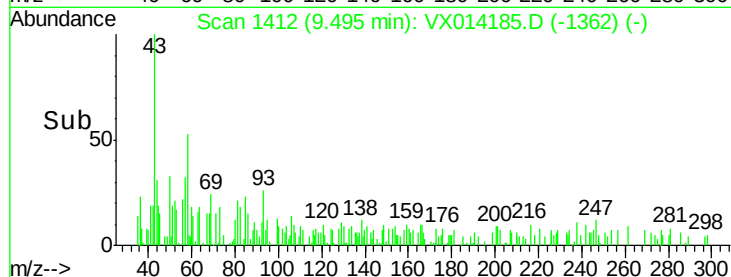
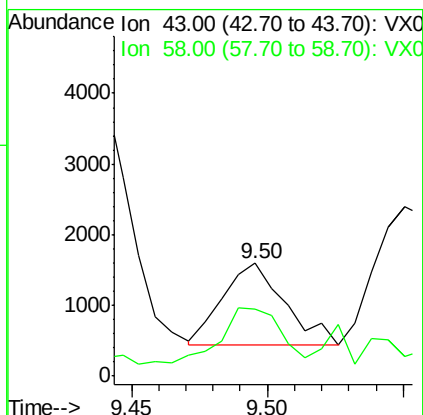
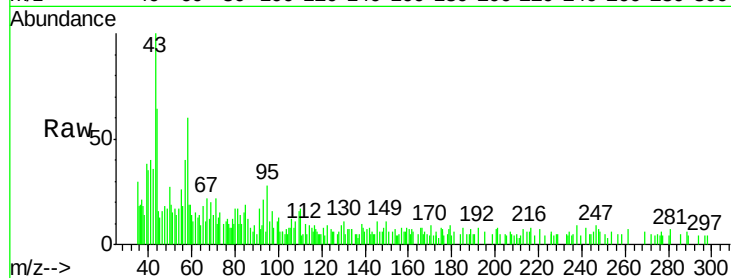




#59
2-Hexanone
Concen: 0.246 ug/l
RT: 9.50 min Scan# 1412
Delta R.T. 0.01 min
Lab File: VX014185.D
Acq: 20 Dec 2019 19:32

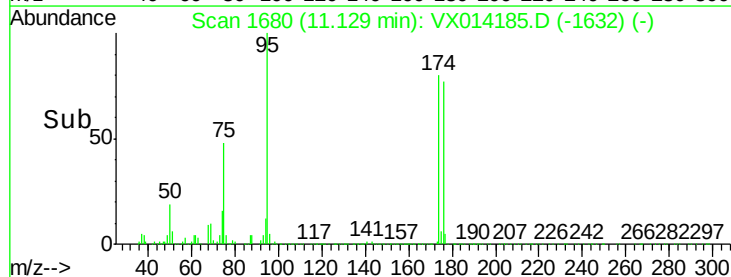
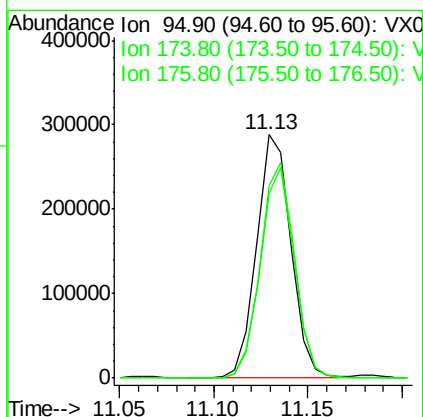
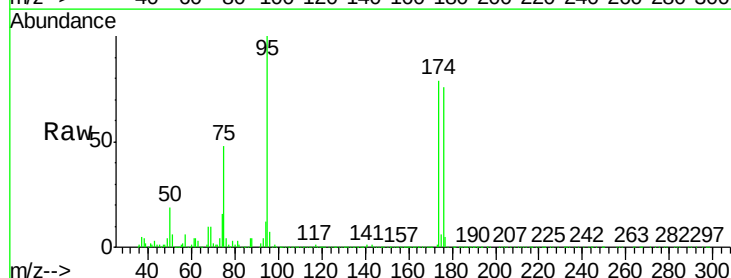
Instrument :
MSVOA_X
ClientSampled :
30604

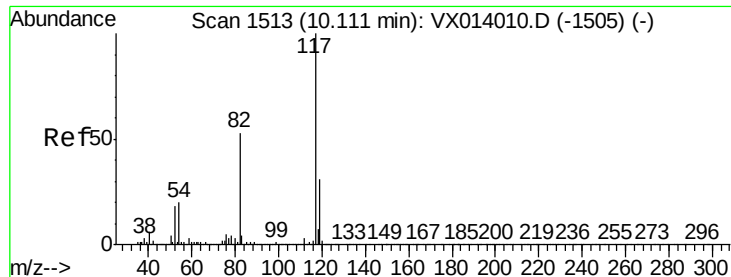
Tgt Ion: 43 Resp: 1805
Ion Ratio Lower Upper
43 100
58 63.8 28.0 84.0



#62
4-Bromofluorobenzene
Concen: 48.779 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX014185.D
Acq: 20 Dec 2019 19:32

Tgt Ion: 95 Resp: 364538
Ion Ratio Lower Upper
95 100
174 88.2 0.0 175.8
176 85.0 0.0 173.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX014185.D

Acq: 20 Dec 2019 19:32

Instrument :

MSVOA_X

ClientSampled :

30604

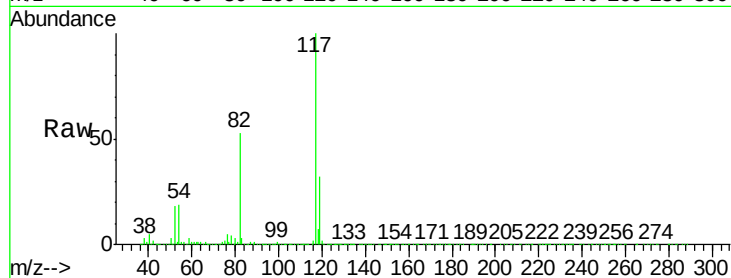
Tgt Ion:117 Resp: 784979

Ion Ratio Lower Upper

117 100

82 52.5 42.2 63.4

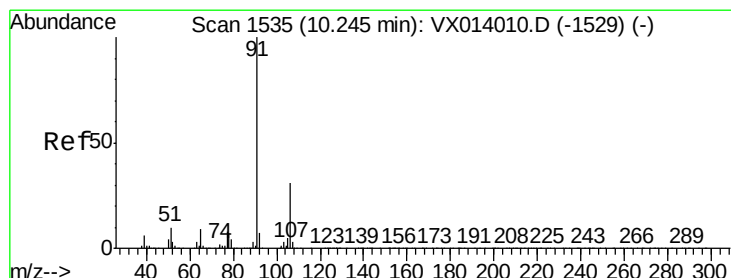
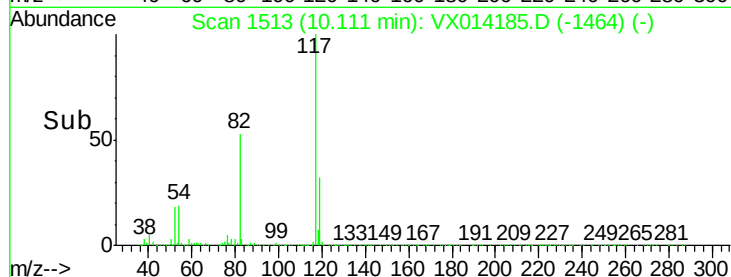
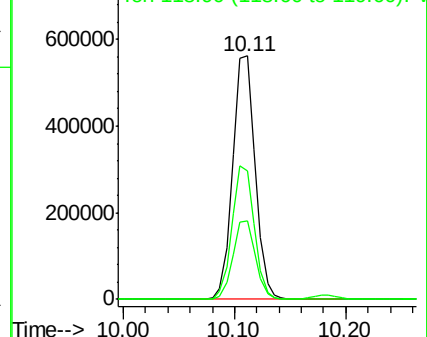
119 32.3 25.1 37.7



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



#67

Ethyl Benzene

Concen: 132.150 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014185.D

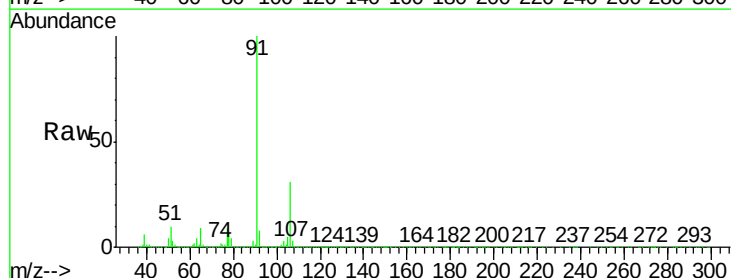
Acq: 20 Dec 2019 19:32

Tgt Ion: 91 Resp: 3792051

Ion Ratio Lower Upper

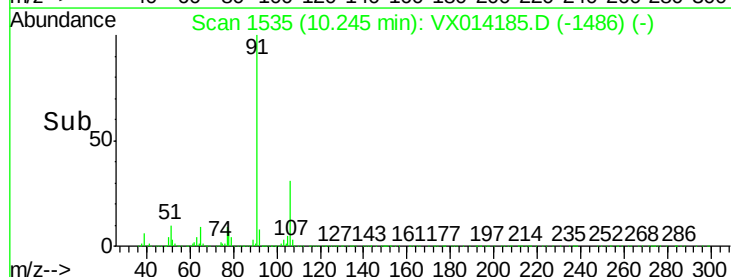
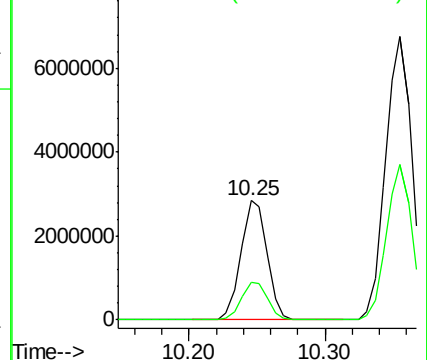
91 100

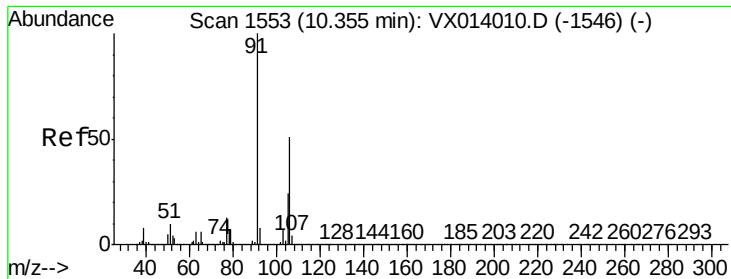
106 31.4 25.0 37.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 436.977 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014185.D

Acq: 20 Dec 2019 19:32

Instrument :

MSVOA_X

ClientSampleId :

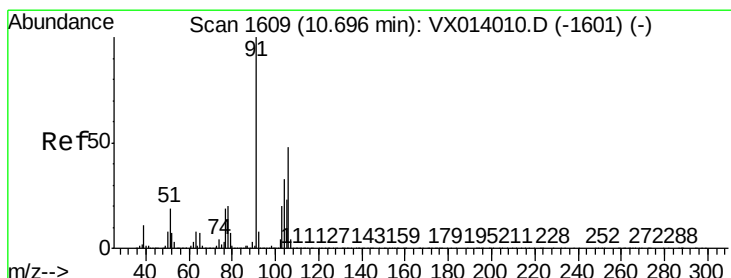
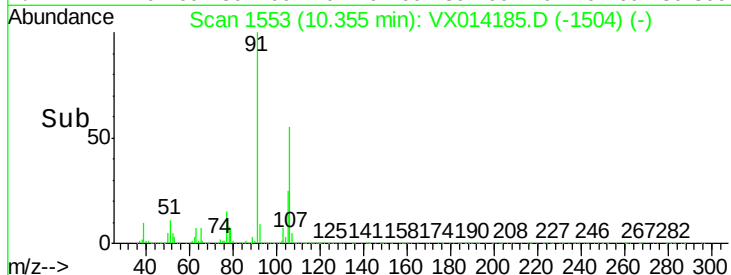
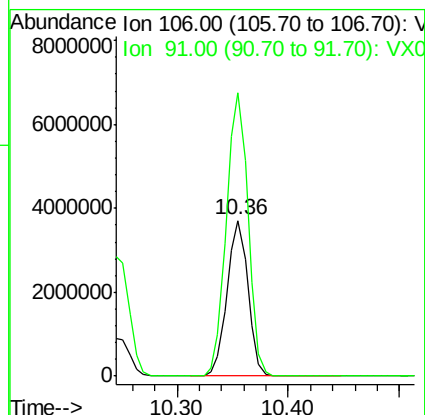
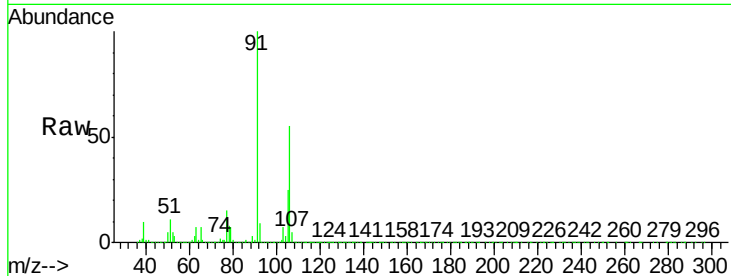
30604

Tgt Ion:106 Resp: 4822696

Ion Ratio Lower Upper

106 100

91 188.9 158.6 238.0



#69

o-Xylene

Concen: 257.722 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. 0.00 min

Lab File: VX014185.D

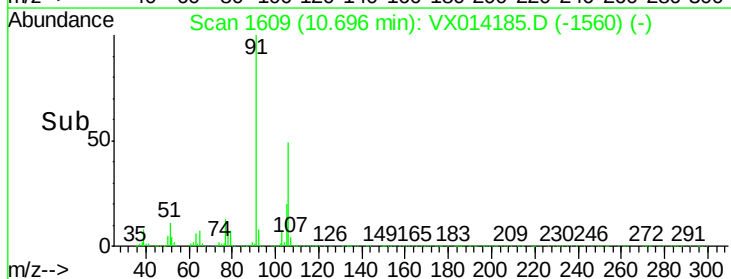
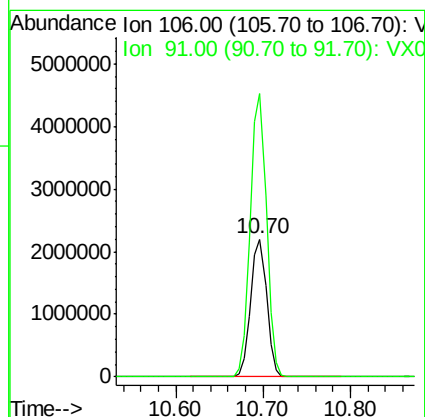
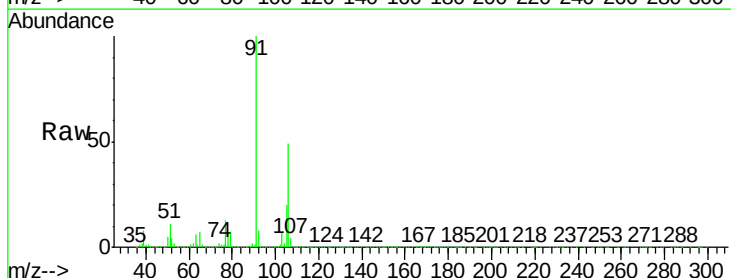
Acq: 20 Dec 2019 19:32

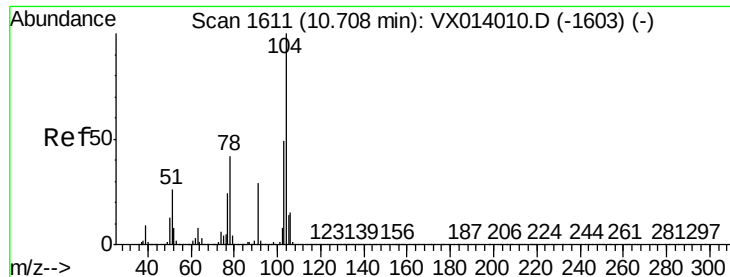
Tgt Ion:106 Resp: 2789602

Ion Ratio Lower Upper

106 100

91 206.6 104.2 312.6





#70

Styrene

Concen: 7.473 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. -0.01 min

Lab File: VX014185.D

Acq: 20 Dec 2019 19:32

Instrument :

MSVOA_X

ClientSampleId :

30604

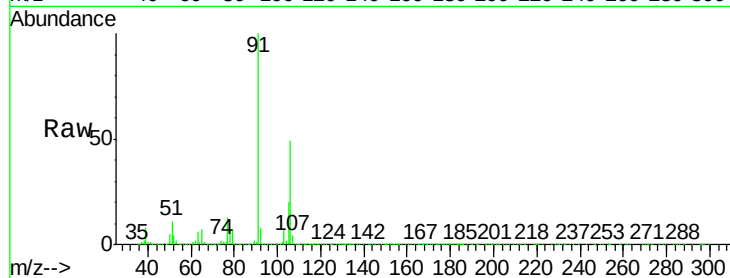
Tgt Ion:104 Resp: 136777

Ion Ratio Lower Upper

104 100

78 286.3 38.5 57.7#

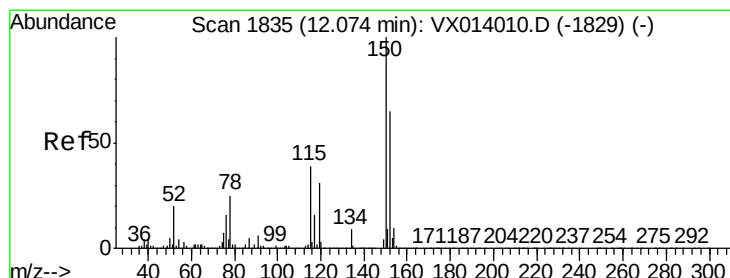
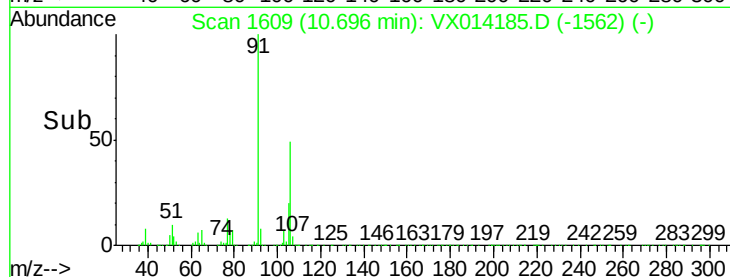
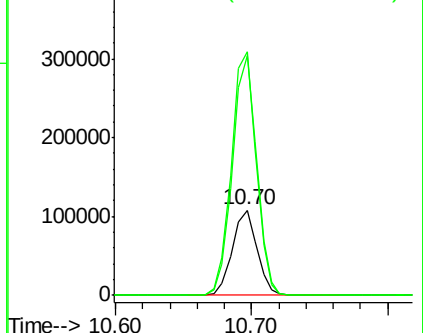
103 276.6 42.9 64.3#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): 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: VX014185.D

Acq: 20 Dec 2019 19:32

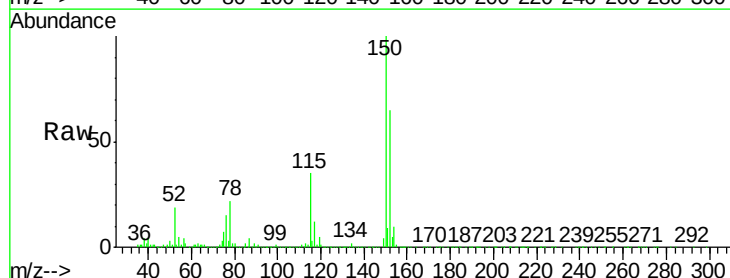
Tgt Ion:152 Resp: 378754

Ion Ratio Lower Upper

152 100

115 58.9 38.3 114.9

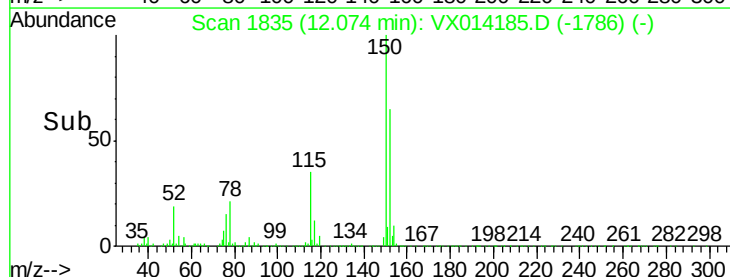
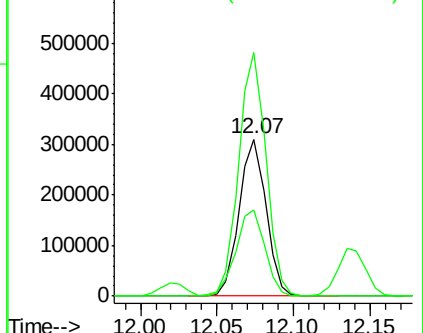
150 156.7 0.0 345.4

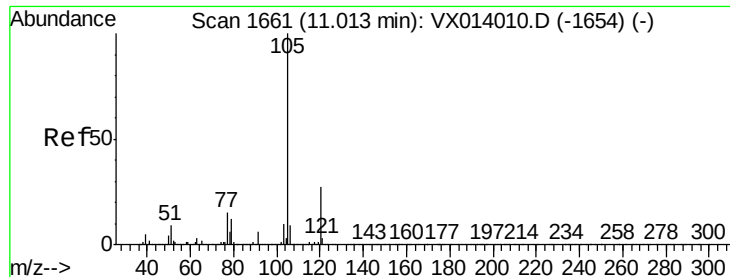


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

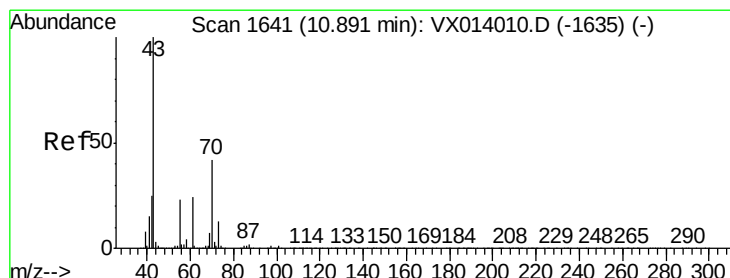
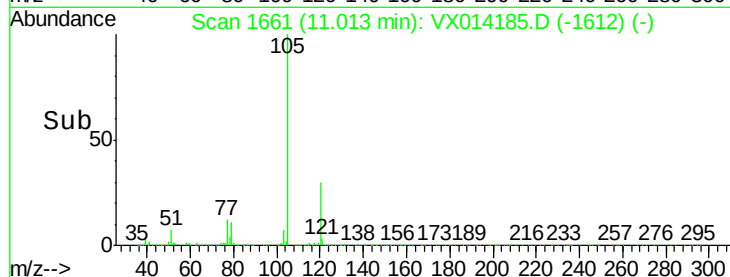
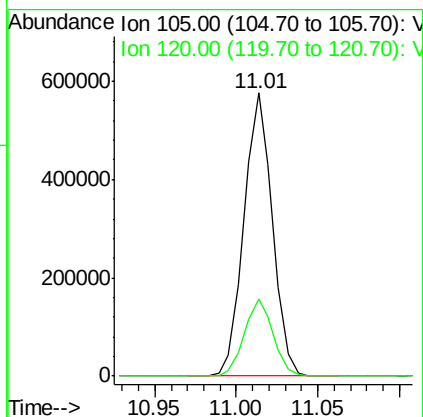
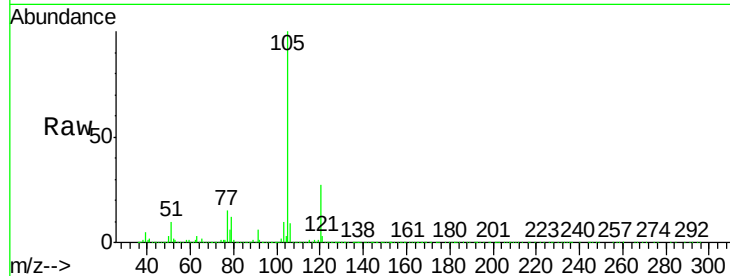




#73
Isopropylbenzene
Concen: 26.233 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX014185.D
Acq: 20 Dec 2019 19:32

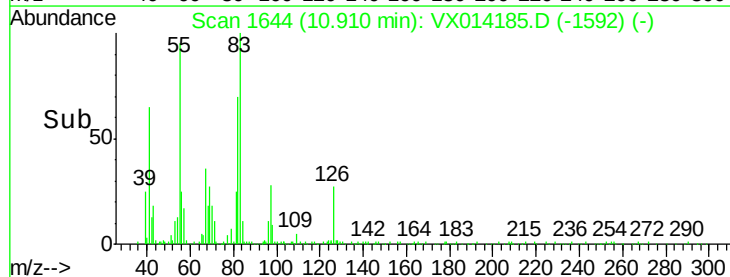
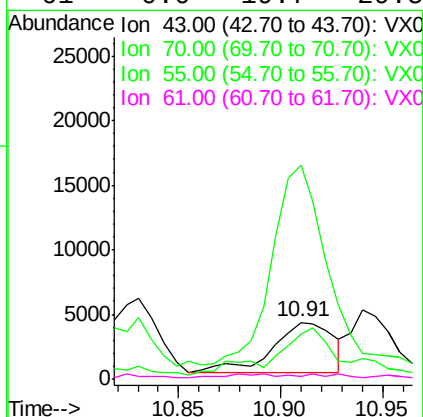
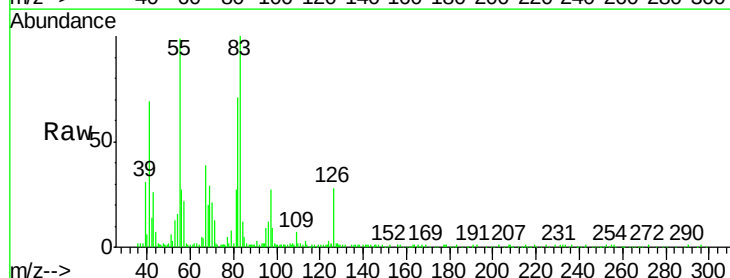
Instrument :
MSVOA_X
ClientSampleId :
30604

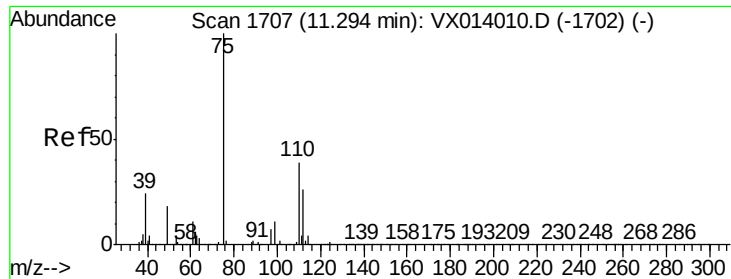
Tgt Ion: 105 Resp: 699552
Ion Ratio Lower Upper
105 100
120 27.2 13.5 40.4



#74
N-ethyl acetate
Concen: 0.661 ug/l
RT: 10.91 min Scan# 1644
Delta R.T. 0.02 min
Lab File: VX014185.D
Acq: 20 Dec 2019 19:32

Tgt Ion: 43 Resp: 8258
Ion Ratio Lower Upper
43 100
70 48.9 34.4 51.6
55 354.7 19.1 28.7#
61 0.0 19.7 29.5#

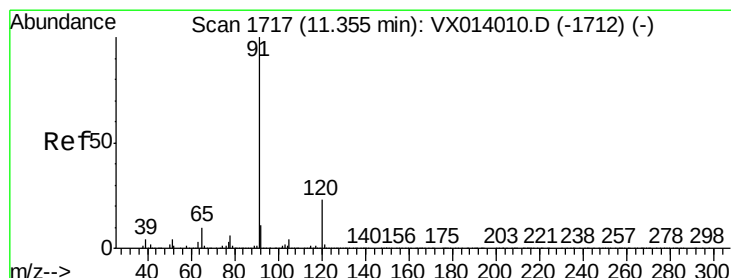
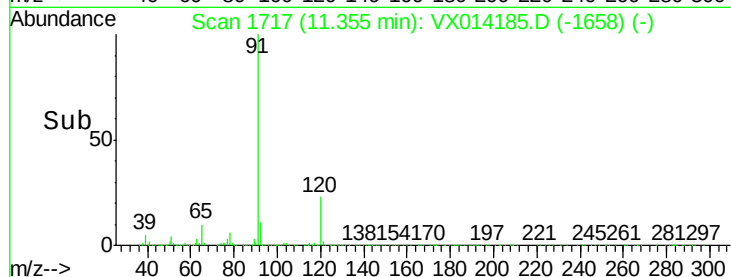
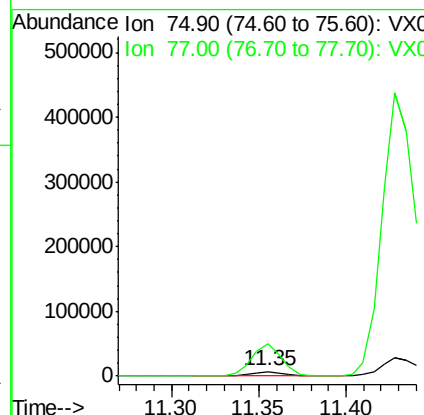
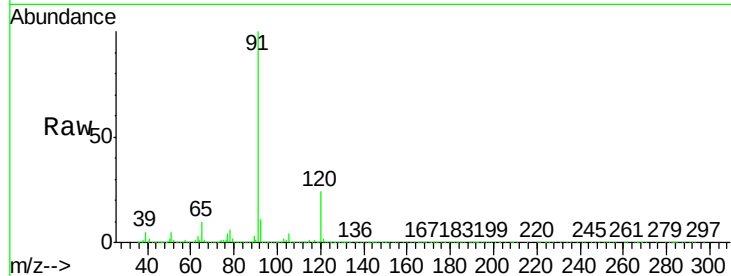




#76
1,2,3-Trichloropropane
Concen: 1.090 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. 0.06 min
Lab File: VX014185.D
Acq: 20 Dec 2019 19:32

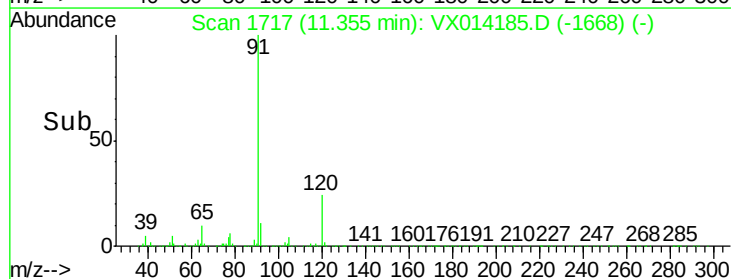
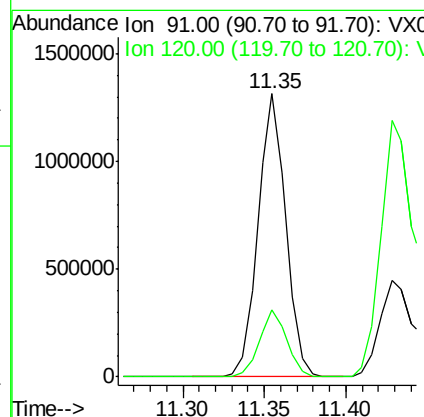
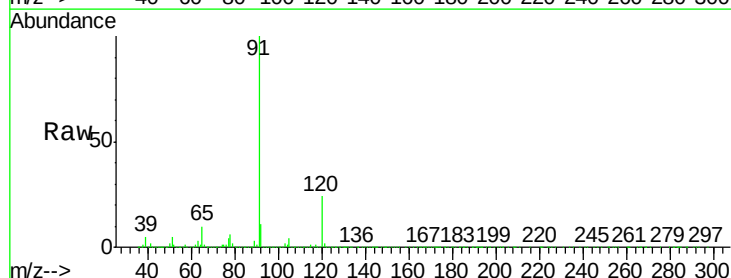
Instrument :
MSVOA_X
ClientSampleId :
30604

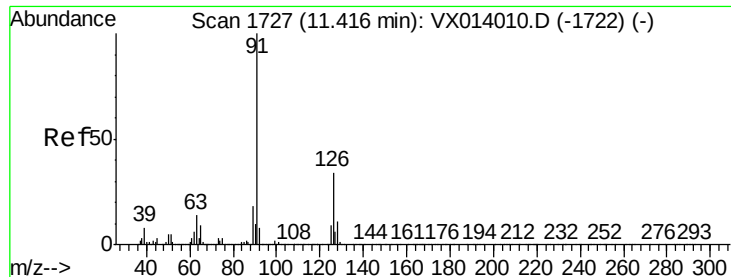
Tgt Ion: 75 Resp: 8964
Ion Ratio Lower Upper
75 100
77 664.2 19.3 57.8#



#78
n-propylbenzene
Concen: 51.755 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VX014185.D
Acq: 20 Dec 2019 19:32

Tgt Ion: 91 Resp: 1548100
Ion Ratio Lower Upper
91 100
120 23.3 11.7 35.0





#79

2-Chlorotoluene

Concen: 40.090 ug/l

RT: 11.43 min Scan# 1729

Delta R.T. 0.01 min

Lab File: VX014185.D

Acq: 20 Dec 2019 19:32

Instrument :

MSVOA_X

ClientSampled :

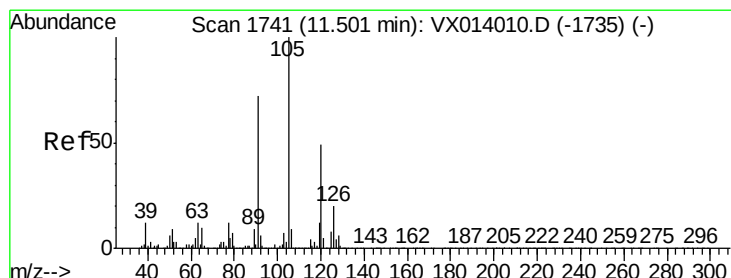
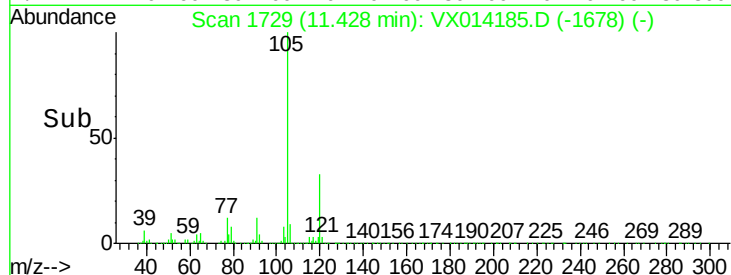
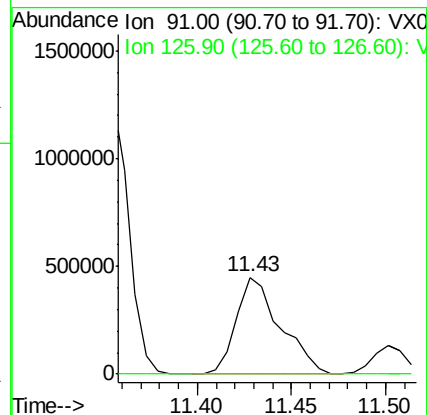
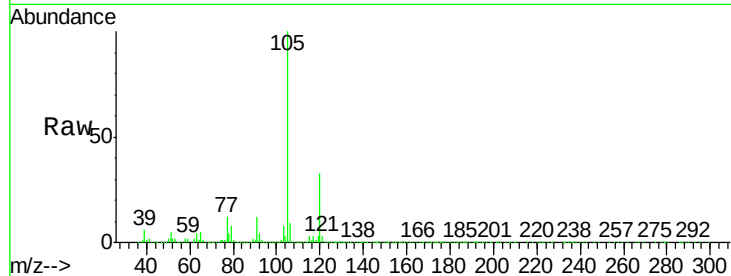
30604

Tgt Ion: 91 Resp: 728943

Ion Ratio Lower Upper

91 100

126 0.0 17.2 51.6#



#80

1,3,5-Trimethylbenzene

Concen: 71.256 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014185.D

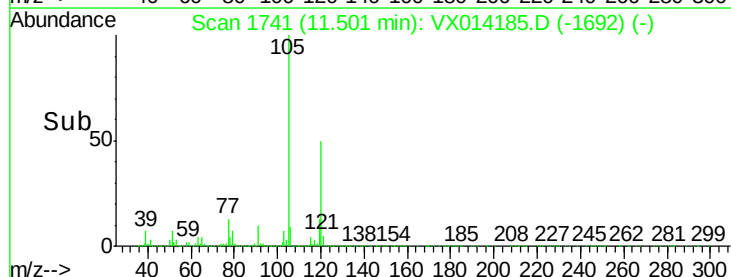
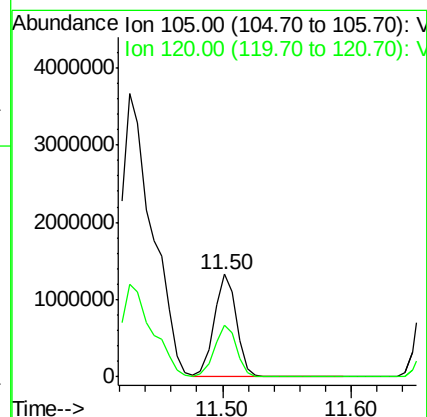
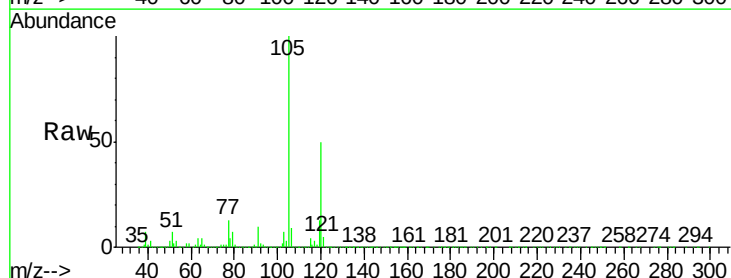
Acq: 20 Dec 2019 19:32

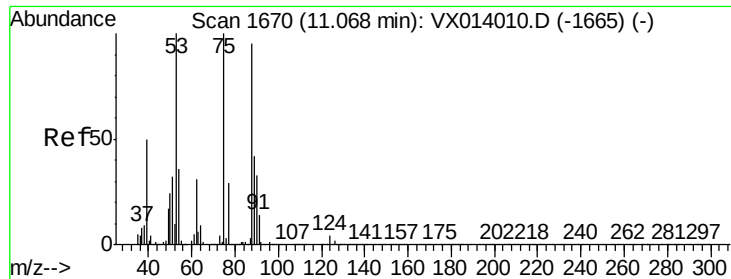
Tgt Ion: 105 Resp: 1599217

Ion Ratio Lower Upper

105 100

120 50.4 25.3 75.8

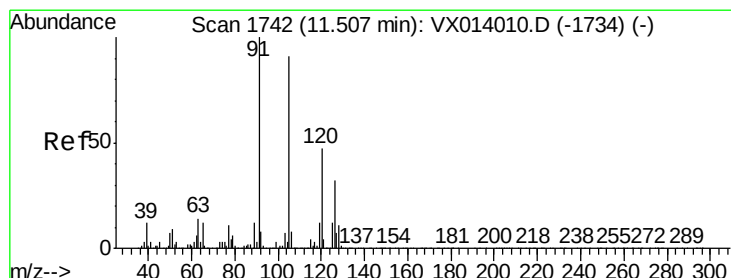
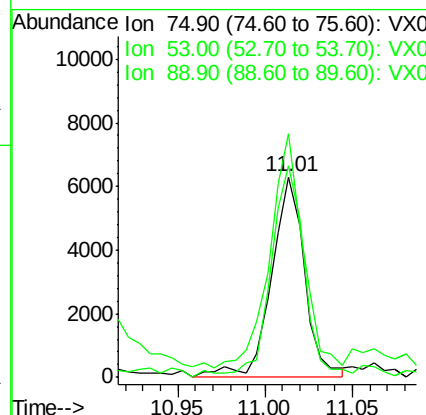
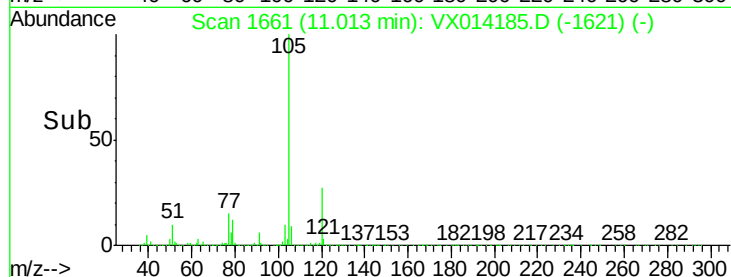
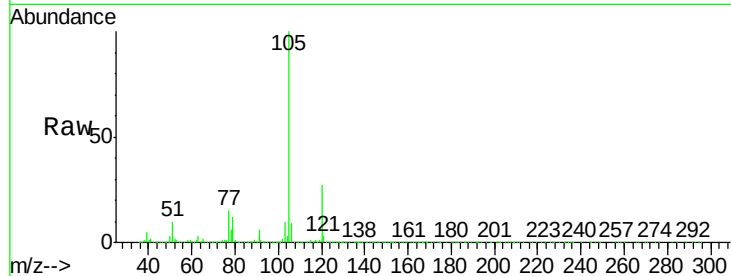




#81
trans-1,4-Dichloro-2-butene
Concen: 2.852 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.05 min
Lab File: VX014185.D
Acq: 20 Dec 2019 19:32

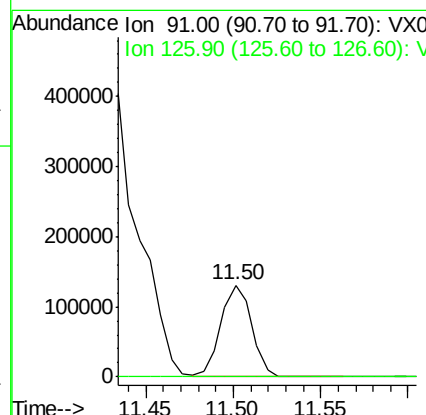
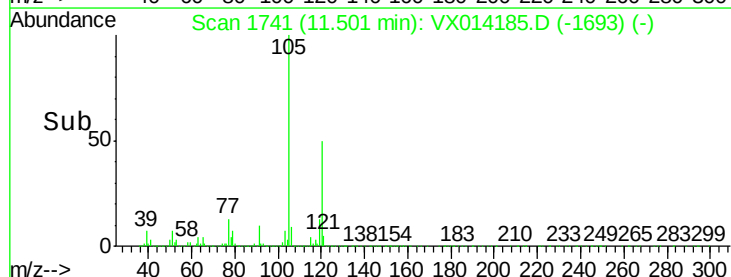
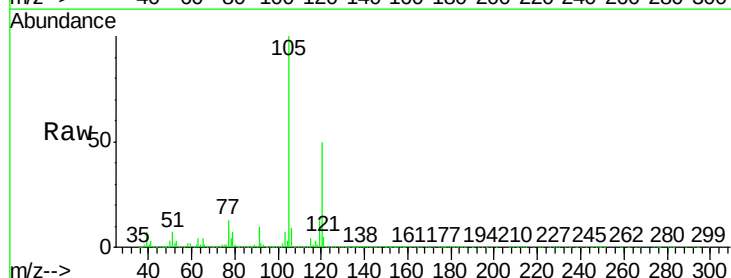
Instrument :
MSVOA_X
ClientSampleId :
30604

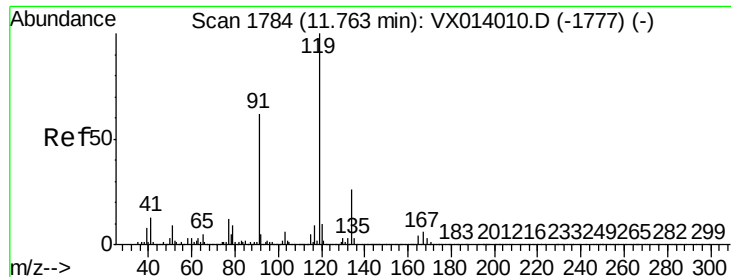
Tgt Ion: 75 Resp: 8310
Ion Ratio Lower Upper
75 100
53 115.5 76.7 115.1#
89 107.3 34.6 51.8#



#82
4-Chlorotoluene
Concen: 7.659 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.01 min
Lab File: VX014185.D
Acq: 20 Dec 2019 19:32

Tgt Ion: 91 Resp: 161537
Ion Ratio Lower Upper
91 100
126 0.1 15.6 46.8#

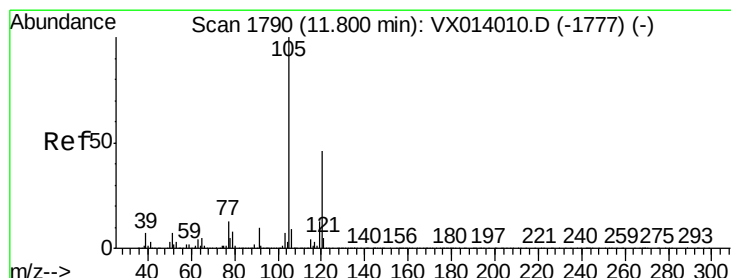
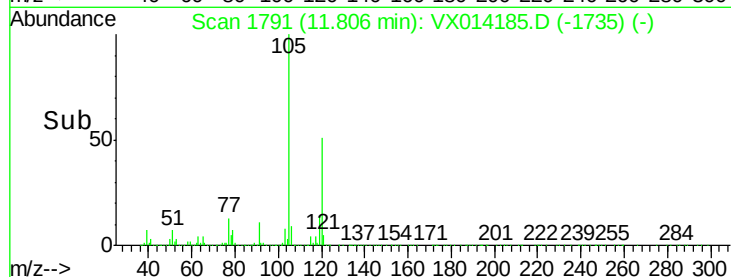
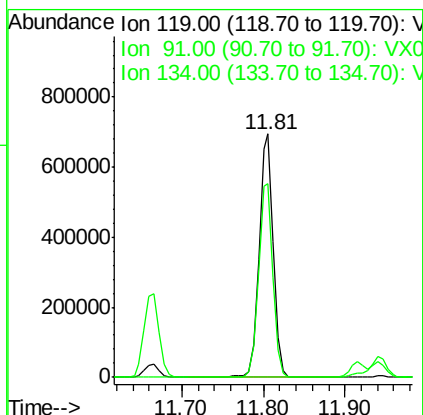
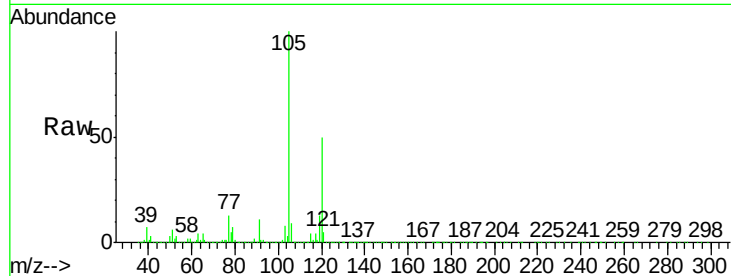




#83
tert-Butylbenzene
Concen: 39.145 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.04 min
Lab File: VX014185.D
Acq: 20 Dec 2019 19:32

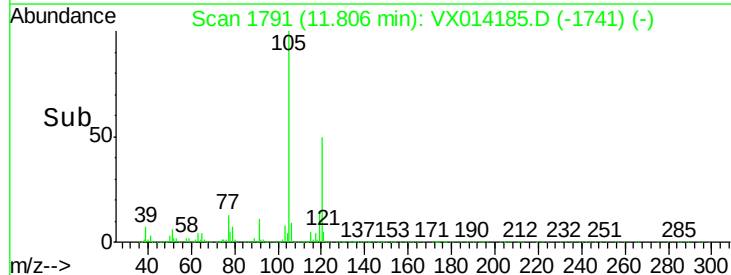
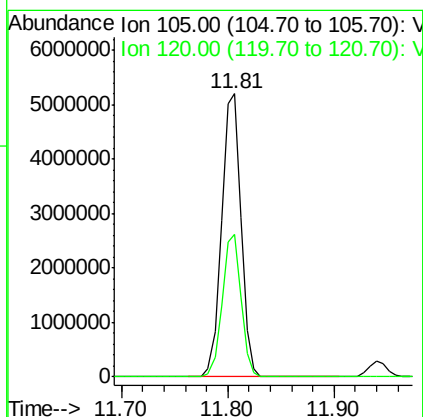
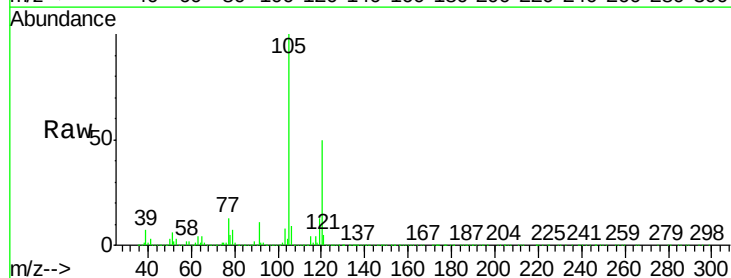
Instrument :
MSVOA_X
ClientSampleId :
30604

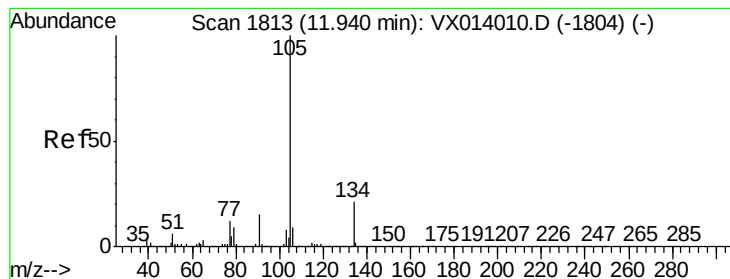
Tgt Ion	Ratio	Lower	Upper
119	100		
91	81.4	28.5	85.6
134	0.0	12.2	36.6



#84
1,2,4-Trimethylbenzene
Concen: 293.137 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.01 min
Lab File: VX014185.D
Acq: 20 Dec 2019 19:32

Tgt Ion	Ratio	Lower	Upper
105	100		
120	48.9	23.1	69.2





#85

sec-Butylbenzene

Concen: 13.557 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014185.D

Acq: 20 Dec 2019 19:32

Instrument :

MSVOA_X

ClientSampleId :

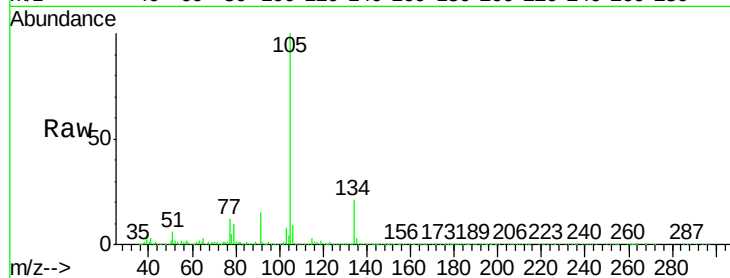
30604

Tgt Ion:105 Resp: 349550

Ion Ratio Lower Upper

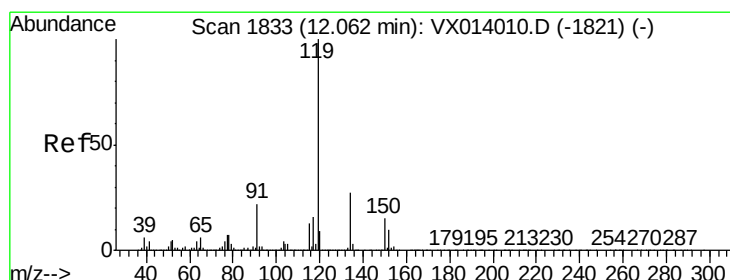
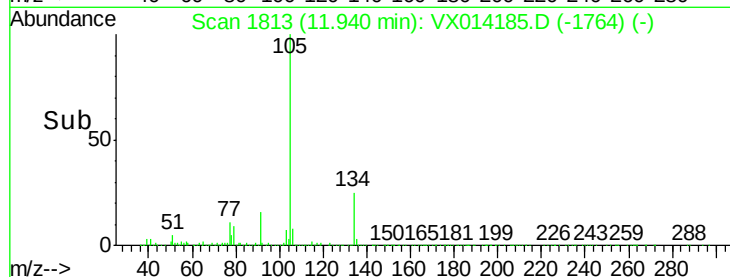
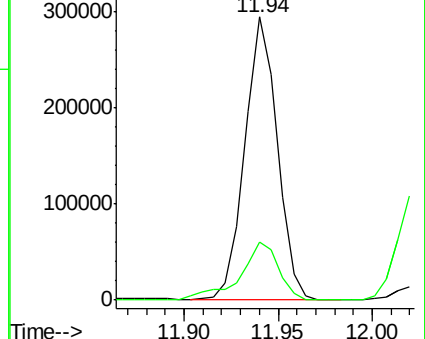
105 100

134 24.8 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 8.255 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014185.D

Acq: 20 Dec 2019 19:32

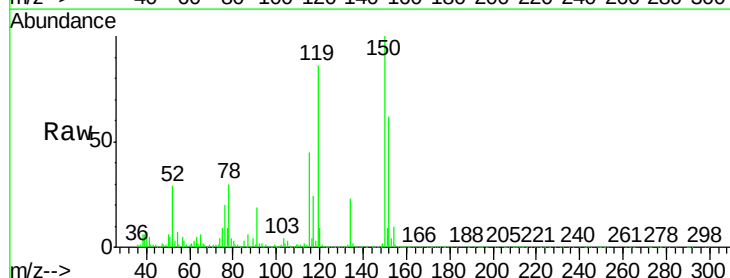
Tgt Ion:119 Resp: 194701

Ion Ratio Lower Upper

119 100

134 26.4 13.4 40.1

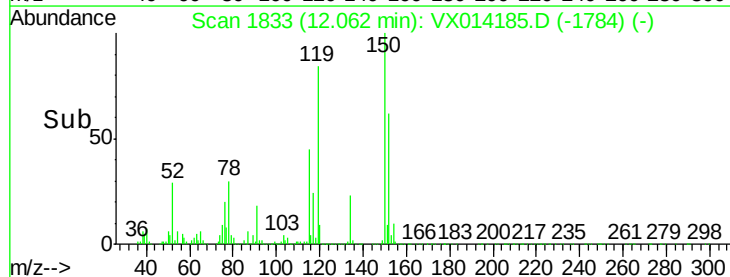
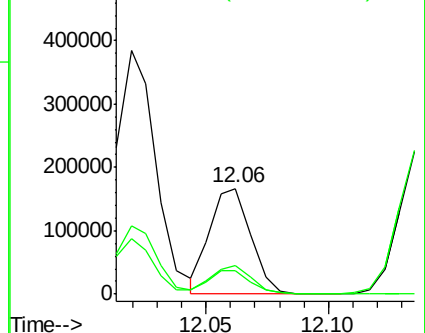
91 22.1 11.4 34.1

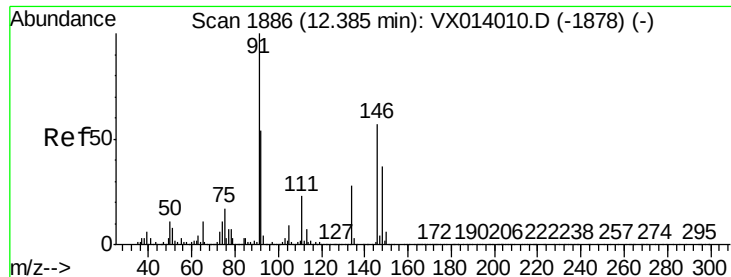


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#89

n-Butylbenzene

Concen: 21.307 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX014185.D

Acq: 20 Dec 2019 19:32

Instrument :

MSVOA_X

ClientSampleId :

30604

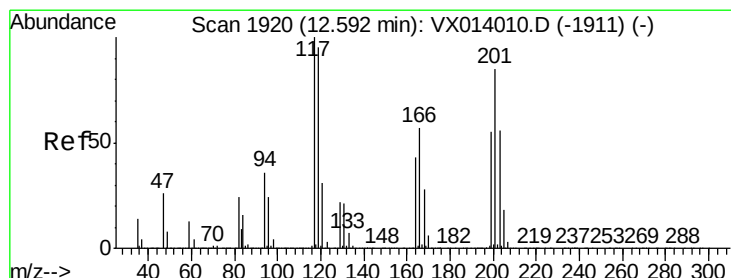
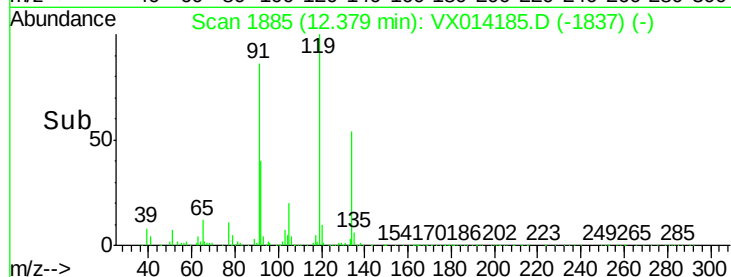
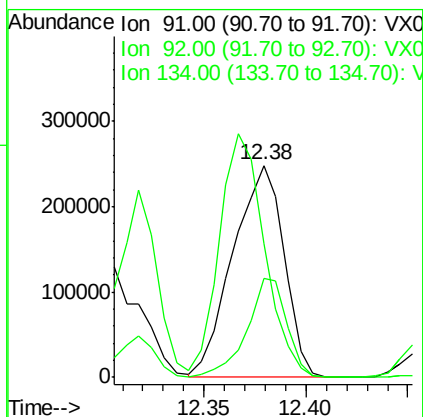
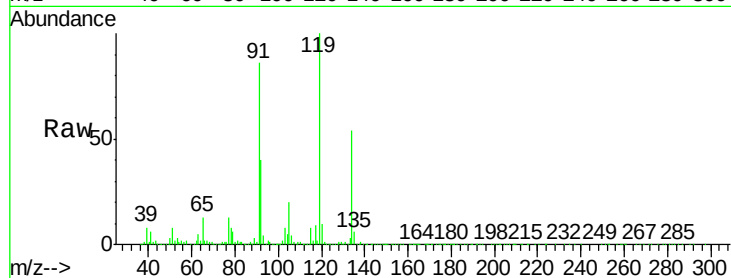
Tgt Ion: 91 Resp: 428788

Ion Ratio Lower Upper

91 100

92 36.8 27.2 81.6

134 101.5 13.4 40.1#



#90

Hexachloroethane

Concen: 16.299 ug/l

RT: 12.58 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VX014185.D

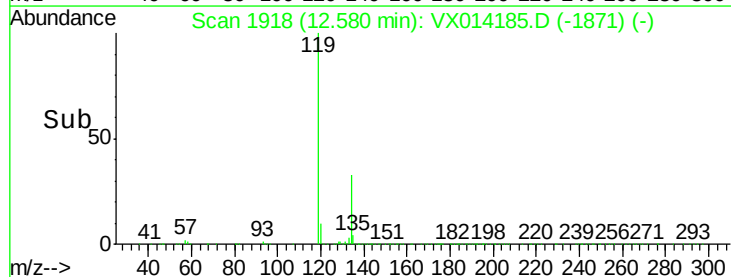
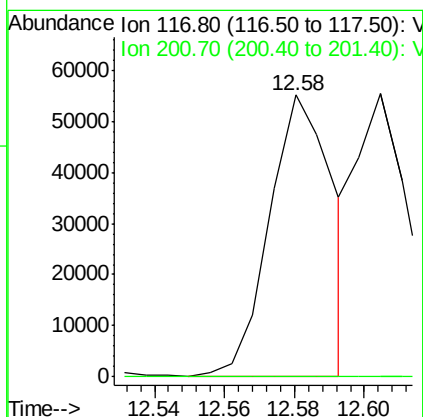
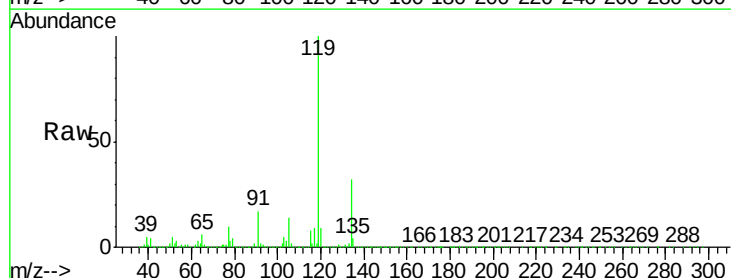
Acq: 20 Dec 2019 19:32

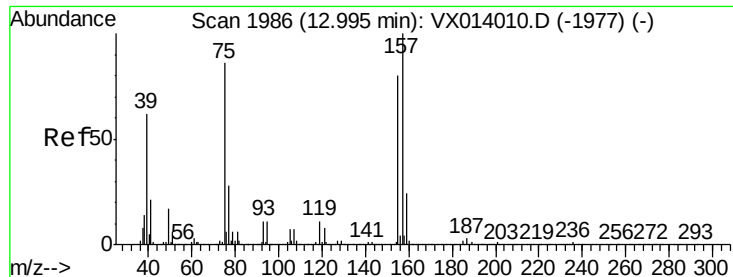
Tgt Ion: 117 Resp: 69046

Ion Ratio Lower Upper

117 100

201 0.2 43.1 129.3#





#92

1,2-Dibromo-3-Chloropropane

Concen: 2.002 ug/l

RT: 12.97 min Scan# 1982

Delta R.T. -0.02 min

Lab File: VX014185.D

Acq: 20 Dec 2019 19:32

Instrument :

MSVOA_X

ClientSampled :

30604

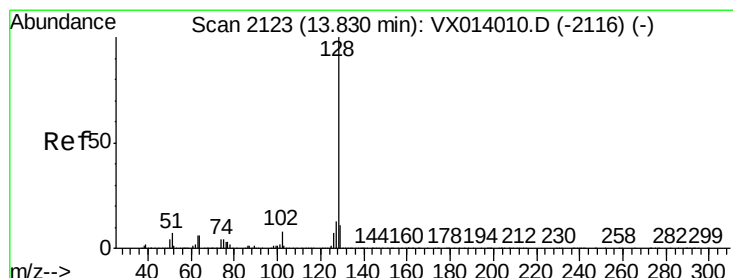
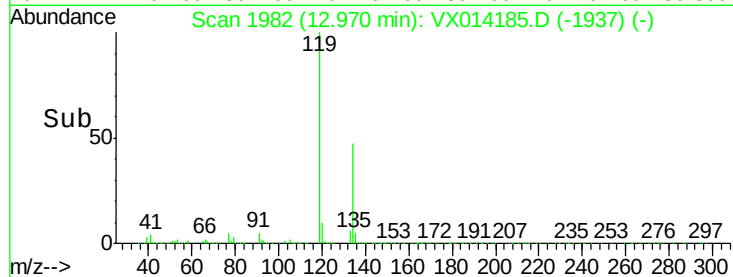
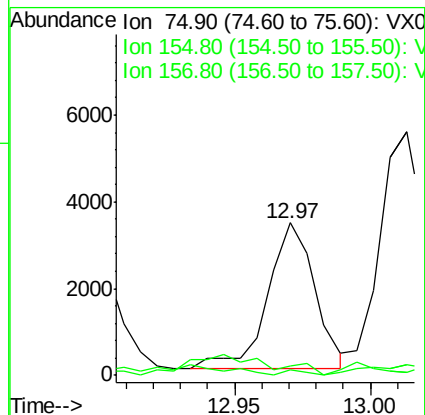
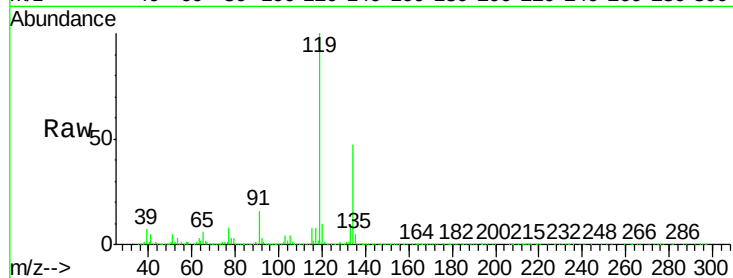
Tgt Ion: 75 Resp: 4096

Ion Ratio Lower Upper

75 100

155 0.0 46.9 140.6#

157 1.9 60.8 182.4#



#95

Naphthalene

Concen: 61.042 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX014185.D

Acq: 20 Dec 2019 19:32

Tgt Ion: 128 Resp: 1508919

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

129 11.4 8.7 13.1

