

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120319\
 Data File : VX013740.D
 Acq On : 03 Dec 2019 21:14
 Operator : JC/SP
 Sample : K6084-07DL 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 04 00:49:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	739096	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1120902	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	1001108	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	497871	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	396095	46.17	ug/l	0.00
Spiked Amount			Recovery	=	92.34%	
35) Dibromofluoromethane	5.49	113	342765	49.46	ug/l	0.00
Spiked Amount			Recovery	=	98.92%	
50) Toluene-d8	8.71	98	1329034	49.23	ug/l	0.00
Spiked Amount			Recovery	=	98.46%	
62) 4-Bromofluorobenzene	11.14	95	474447	48.73	ug/l	0.00
Spiked Amount			Recovery	=	97.46%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	1706	0.245	ug/l #	70
6) Chloroethane	1.75	64	1659	0.281	ug/l #	41
8) Diethyl Ether	2.18	74	3705	0.710	ug/l	94
11) Tert butyl alcohol	3.02	59	224336	105.937	ug/l	99
13) Acrolein	2.27	56	342	6.239	ug/l	87
16) Acetone	2.43	43	270981	63.976	ug/l	100
17) Carbon Disulfide	2.56	76	15229	0.760	ug/l #	92
18) Methyl Acetate	2.76	43	39686	3.365	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	383939	16.477	ug/l	98
20) Methylene Chloride	2.85	84	5658	0.695	ug/l #	93
25) 2-Butanone	4.67	43	92932	14.763	ug/l	99
26) 2,2-Dichloropropane	4.44	77	3008	0.271	ug/l	85
29) Tetrahydrofuran	5.13	42	1421	0.366	ug/l #	44
30) Chloroform	5.20	83	46044	3.379	ug/l	97
31) Cyclohexane	5.58	56	12086	0.954	ug/l	93
36) 1,1-Dichloropropene	5.65	75	48874	4.803	ug/l #	46
37) Ethyl Acetate	4.67	43	92932	8.141	ug/l #	69
38) Carbon Tetrachloride	5.65	117	66118	7.047	ug/l #	14
39) Methylcyclohexane	7.46	83	11589	0.921	ug/l	97
40) Benzene	6.14	78	2472680	79.791	ug/l	99
42) 1,2-Dichloroethane	6.13	62	21336	2.019	ug/l	75
43) Isopropyl Acetate	6.43	43	27766	1.478	ug/l #	88
47) Bromodichloromethane	7.89	83	5807	0.583	ug/l #	83
48) Methyl methacrylate	7.76	41	4792	0.525	ug/l #	36
49) 1,4-Dioxane	7.76	88	927	4.536	ug/l #	62
51) 4-Methyl-2-Pentanone	8.64	43	19309	1.633	ug/l	91
52) Toluene	8.78	92	1367002	71.006	ug/l	100
53) t-1,3-Dichloropropene	8.96	75	12255	1.082	ug/l #	49
59) 2-Hexanone	9.49	43	29961	3.250	ug/l	99
67) Ethyl Benzene	10.25	91	150139	4.204	ug/l	100
68) m/p-Xylenes	10.36	106	425312	31.103	ug/l	99
69) o-Xylene	10.70	106	110345	8.274	ug/l	97
70) Styrene	10.70	104	6080	0.271	ug/l #	1
73) Isopropylbenzene	11.01	105	16029	0.459	ug/l	88

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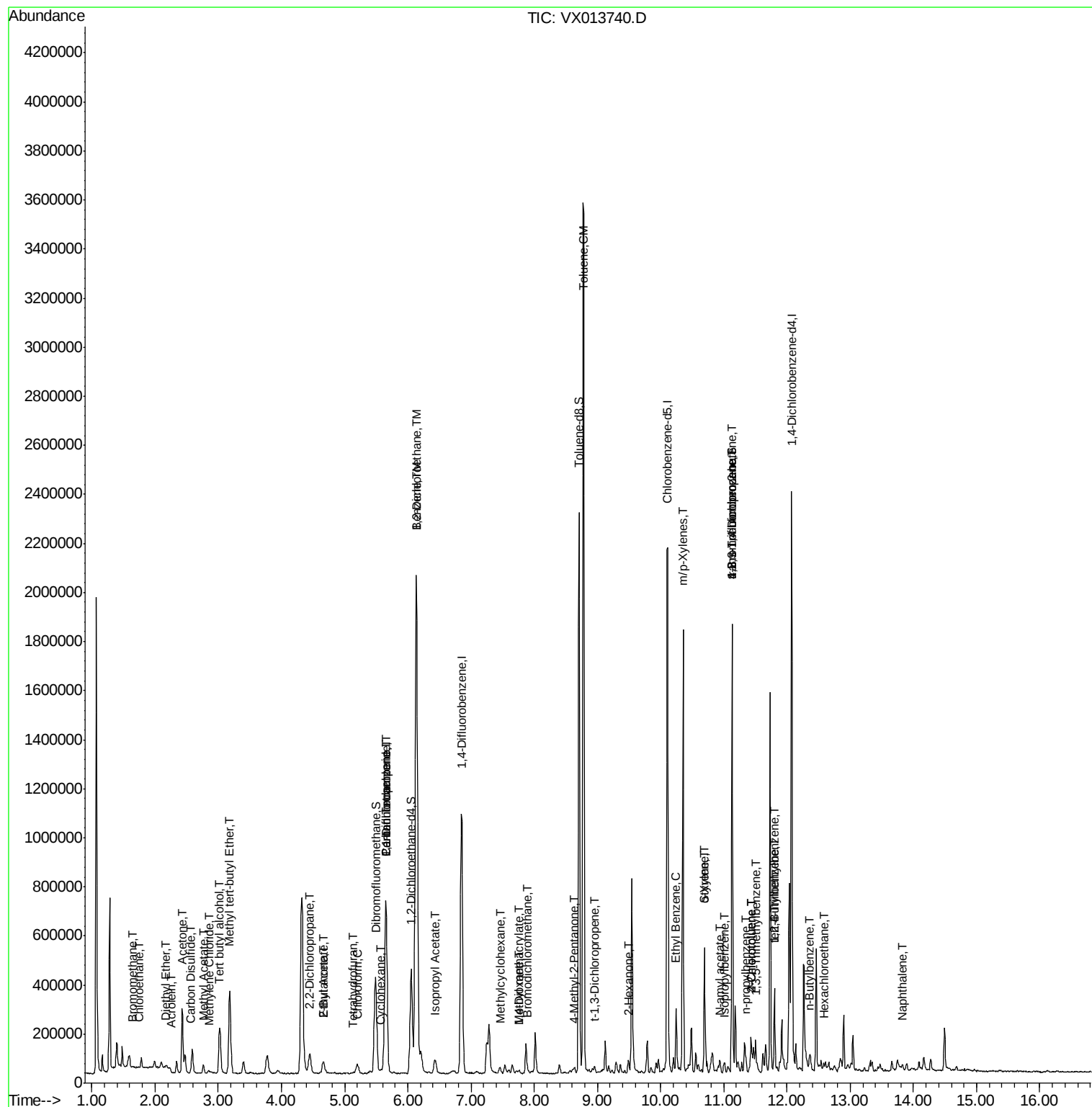
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
74) N-amyl acetate	10.93	43	27974	1.749	ug/l #	43
76) 1,2,3-Trichloropropane	11.14	75	229952	20.535	ug/l #	39
78) n-propylbenzene	11.35	91	17184	0.441	ug/l	98
79) 2-Chlorotoluene	11.43	91	11466	0.490	ug/l	74
80) 1,3,5-Trimethylbenzene	11.50	105	53908	1.883	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.14	75	229952	56.180	ug/l #	11
82) 4-Chlorotoluene	11.43	91	11466	0.423	ug/l	81
83) tert-Butylbenzene	11.80	119	18544	0.637	ug/l #	69
84) 1,2,4-Trimethylbenzene	11.81	105	144864	4.987	ug/l	99
89) n-Butylbenzene	12.37	91	6282	0.238	ug/l #	2
90) Hexachloroethane	12.58	117	1669	0.299	ug/l #	19
95) Naphthalene	13.83	128	13269	0.393	ug/l #	94

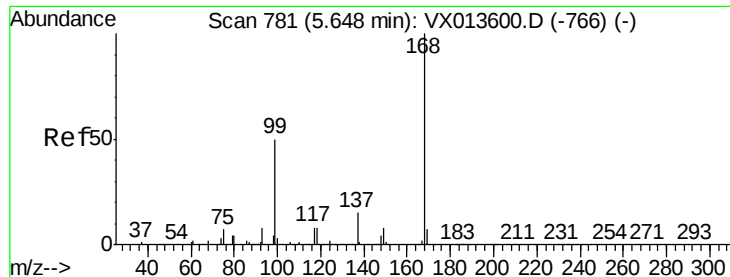
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013740.D

Acq: 03 Dec 2019 21:14

Instrument :

MSVOA_X

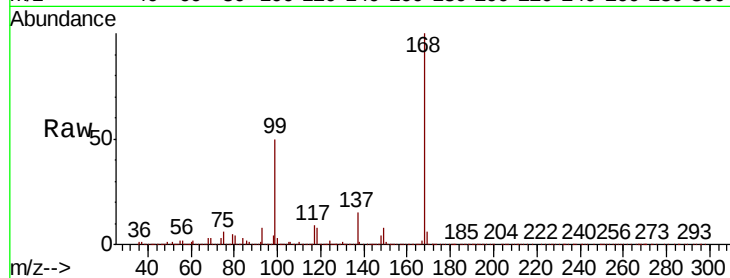
ClientSampleId :

Tot Ion:168 Resp: 739096

Ion Ratio Lower Upper

168 100

99 50.1 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

150000

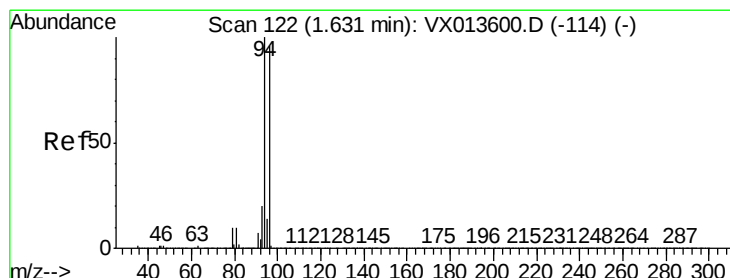
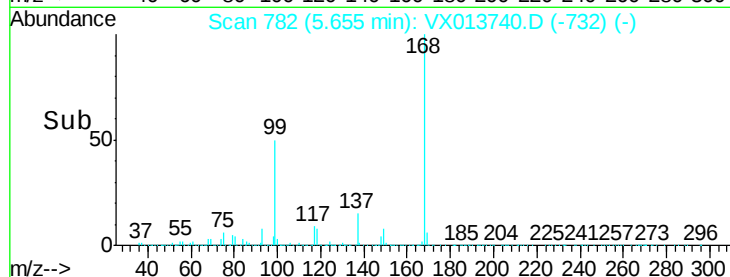
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.245 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.01 min

Lab File: VX013740.D

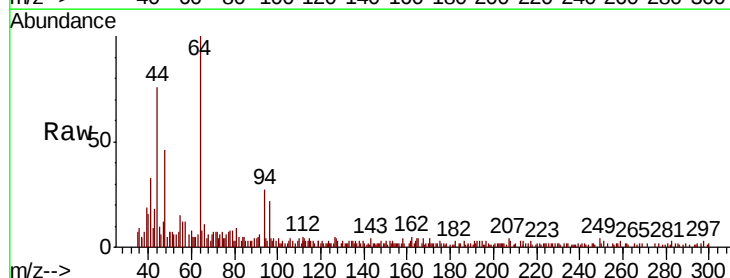
Acq: 03 Dec 2019 21:14

Tgt Ion: 94 Resp: 1706

Ion Ratio Lower Upper

94 100

96 67.3 77.0 115.4#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

1500

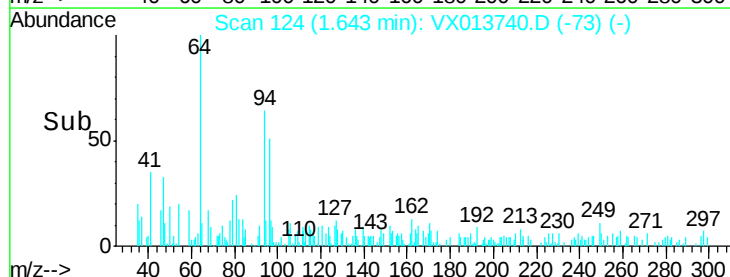
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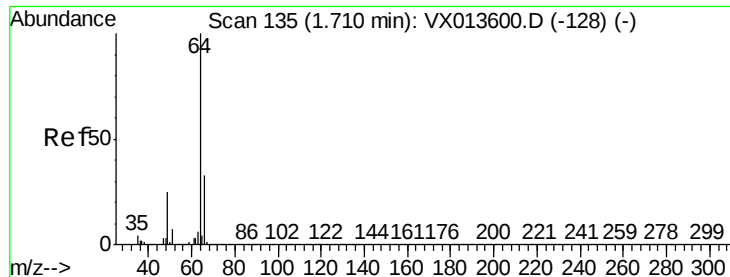
500

0

Time-->

1.60 1.65 1.70





#6

Chloroethane

Concen: 0.281 ug/l

RT: 1.75 min Scan# 141

Delta R.T. 0.04 min

Lab File: VX013740.D

Acq: 03 Dec 2019 21:14

Instrument :

MSVOA_X

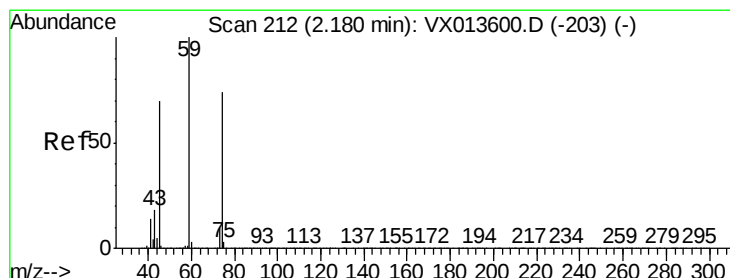
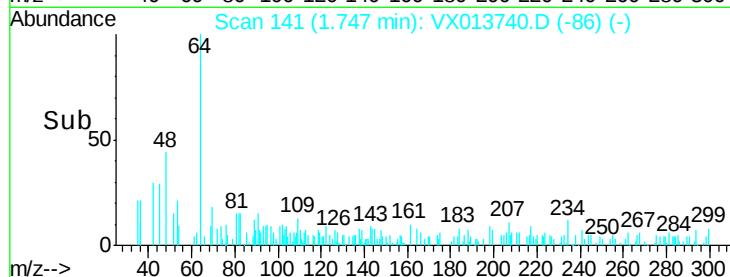
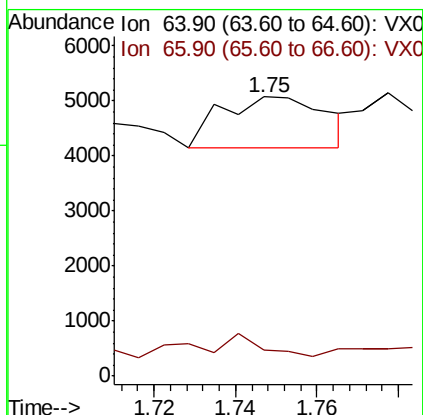
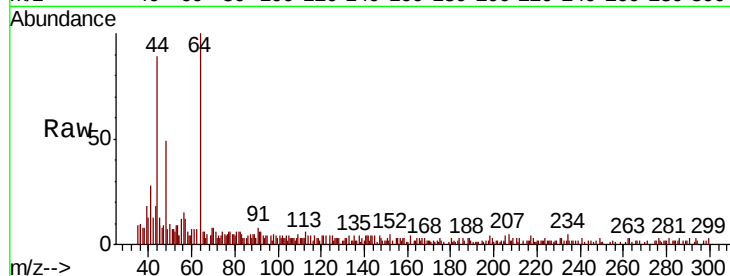
ClientSampleId :

Tot Ion: 64 Resp: 1659

Ion Ratio Lower Upper

64 100

66 0.0 26.7 40.1#



#8

Diethyl Ether

Concen: 0.710 ug/l

RT: 2.18 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX013740.D

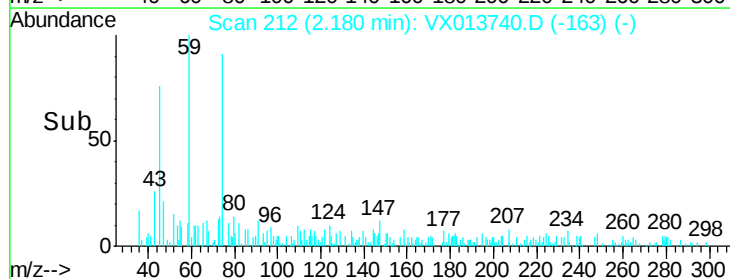
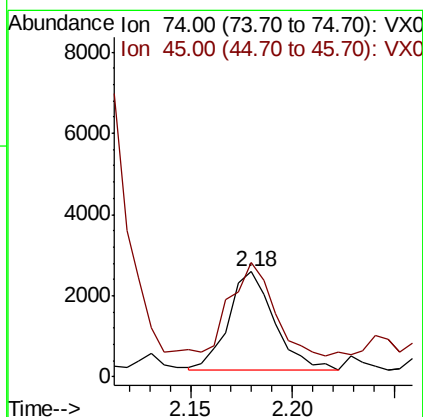
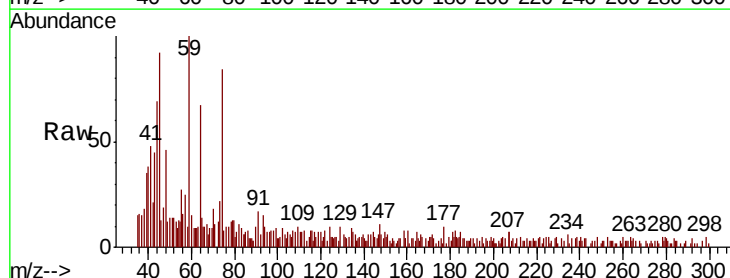
Acq: 03 Dec 2019 21:14

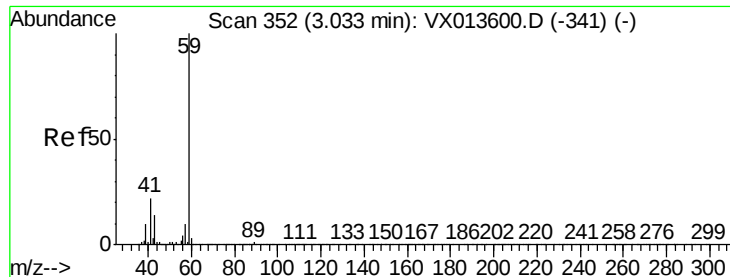
Tgt Ion: 74 Resp: 3705

Ion Ratio Lower Upper

74 100

45 103.8 48.9 146.8



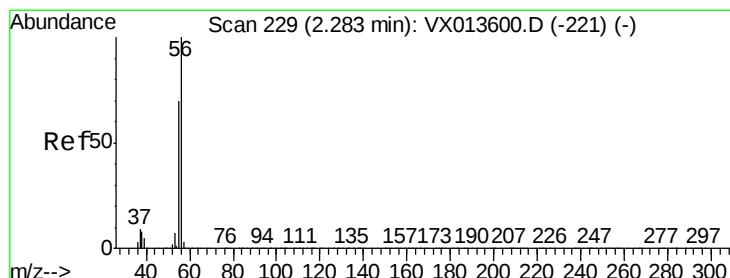
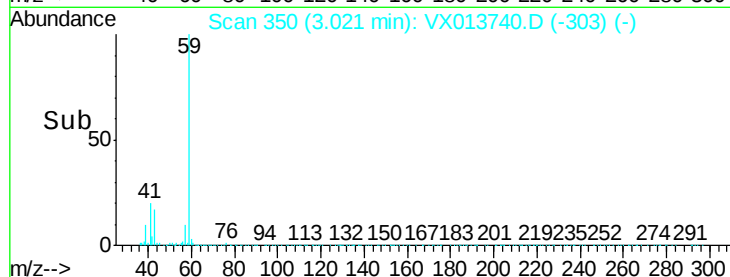
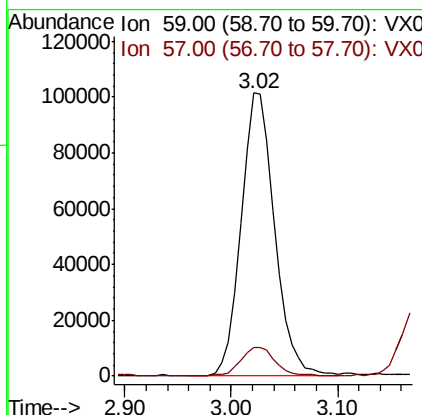
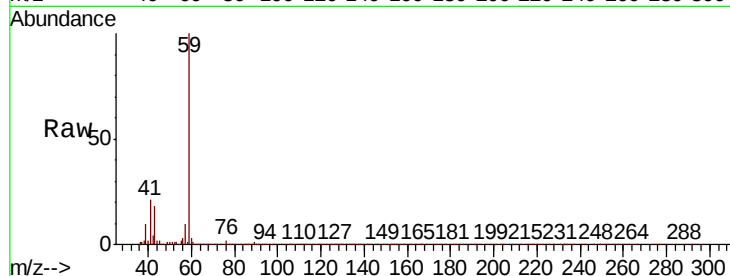


#11

Tert butyl alcohol
Concen: 105.937 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX013740.D
Acq: 03 Dec 2019 21:14

Instrument :
MSVOA_X
ClientSampled :

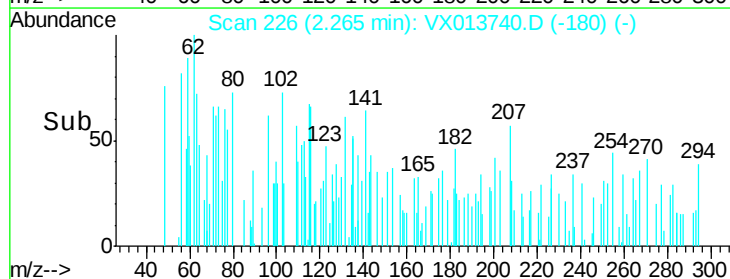
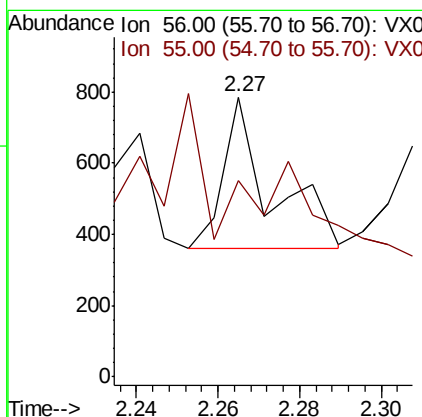
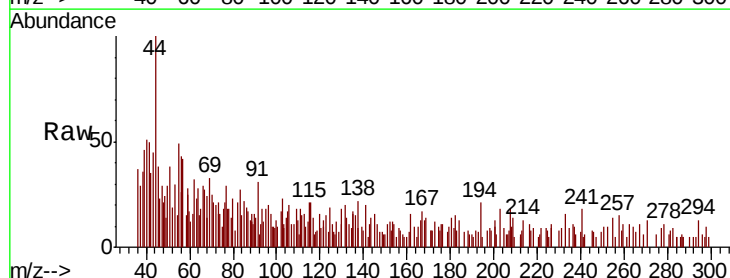
Tot Ion: 59 Resp: 224336
Ion Ratio Lower Upper
59 100
57 10.2 7.8 11.6

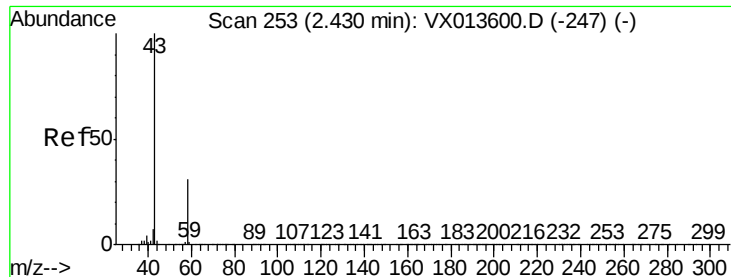


#13

Acrolein
Concen: 6.239 ug/l
RT: 2.27 min Scan# 226
Delta R.T. -0.02 min
Lab File: VX013740.D
Acq: 03 Dec 2019 21:14

Tgt Ion: 56 Resp: 342
Ion Ratio Lower Upper
56 100
55 59.4 56.2 84.4





#16

Acetone

Concen: 63.976 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX013740.D

Acq: 03 Dec 2019 21:14

Instrument :

MSVOA_X

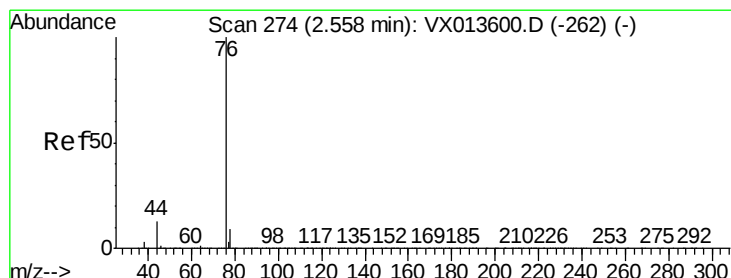
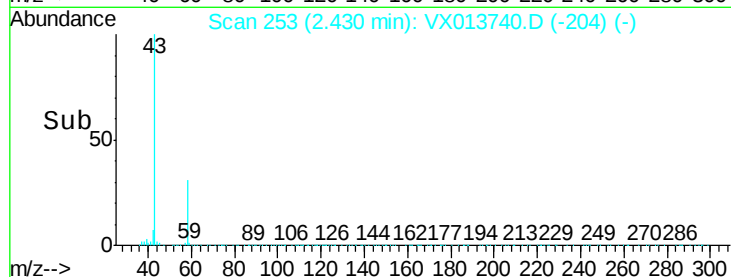
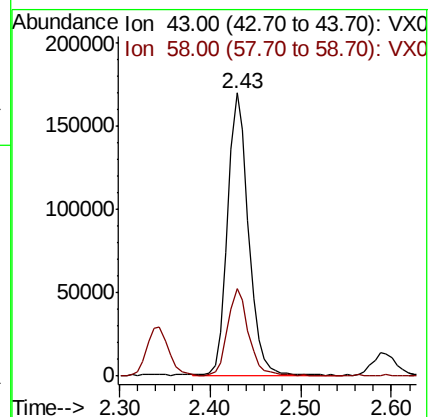
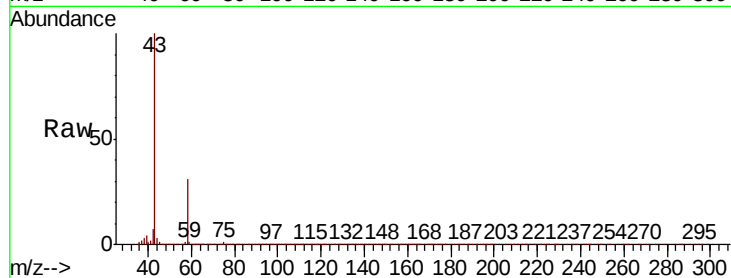
ClientSampleId :

Tot Ion: 43 Resp: 270981

Ion Ratio Lower Upper

43 100

58 30.6 24.6 36.8



#17

Carbon Disulfide

Concen: 0.760 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX013740.D

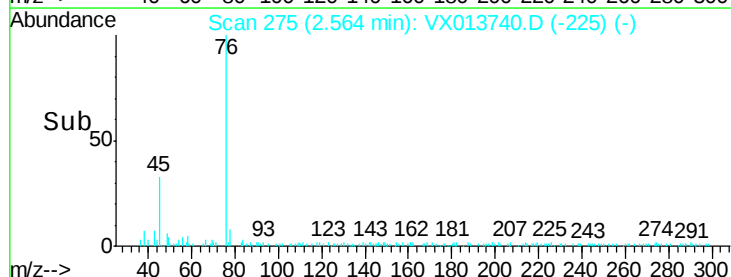
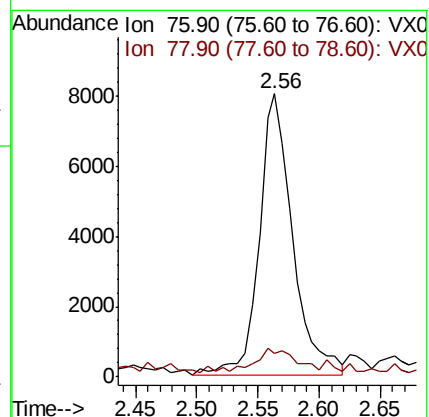
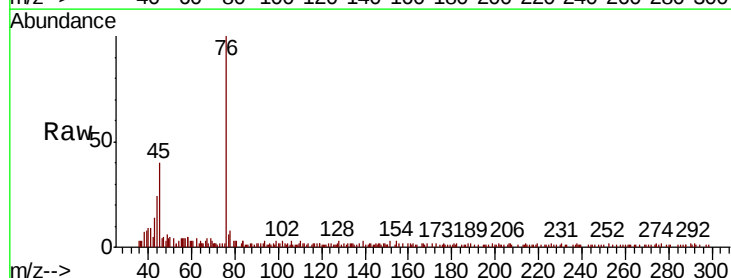
Acq: 03 Dec 2019 21:14

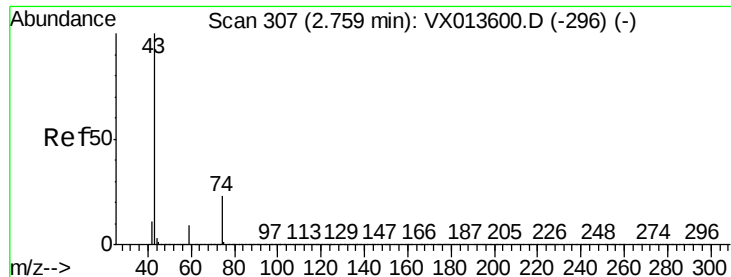
Tgt Ion: 76 Resp: 15229

Ion Ratio Lower Upper

76 100

78 6.2 7.2 10.8#

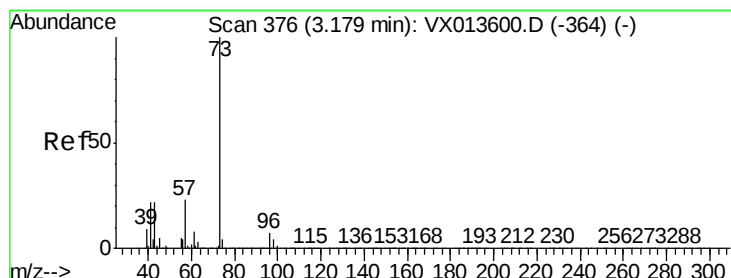
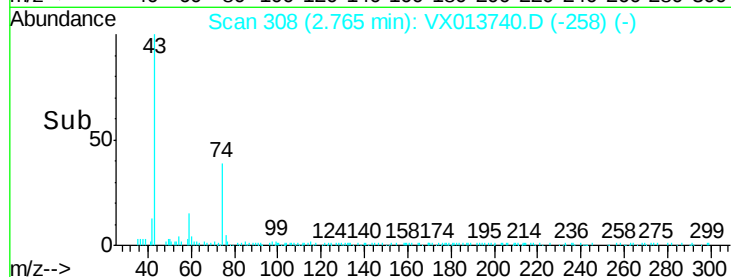
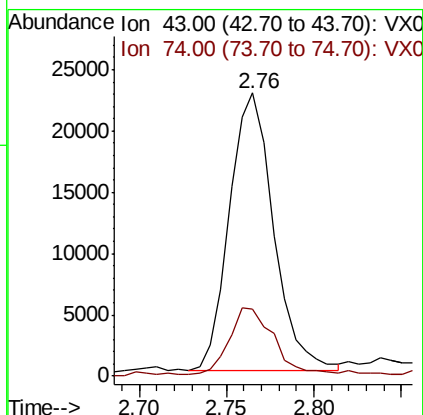
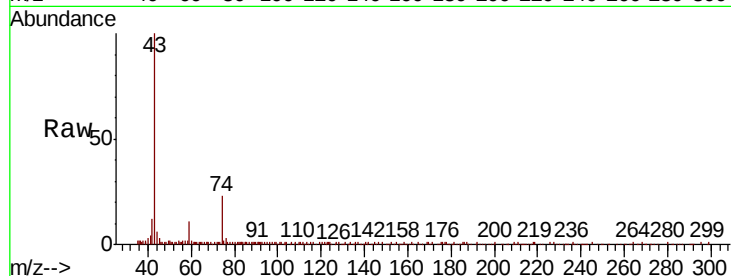




#18
Methyl Acetate
Concen: 3.365 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.01 min
Lab File: VX013740.D
Acq: 03 Dec 2019 21:14

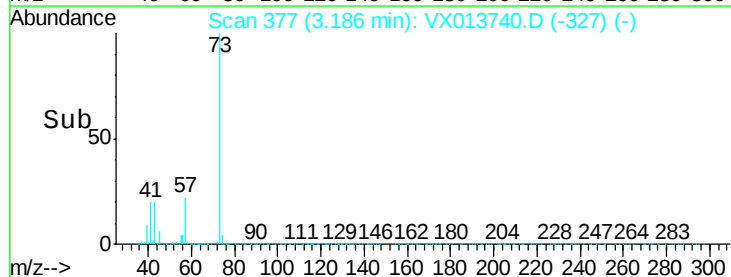
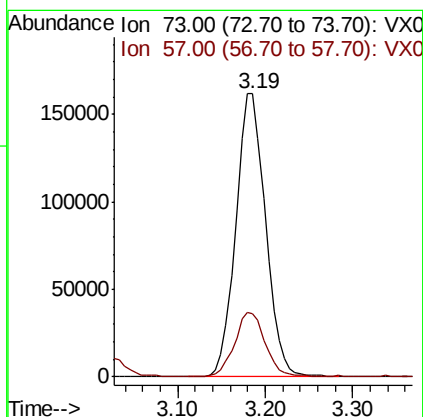
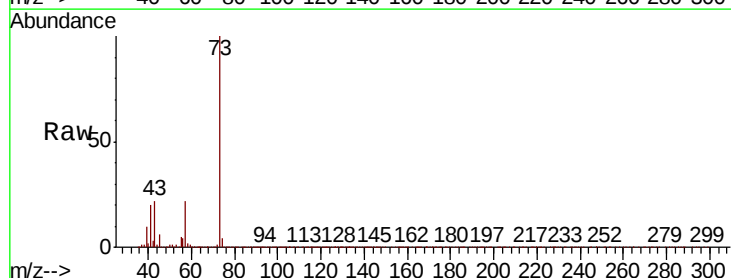
Instrument :
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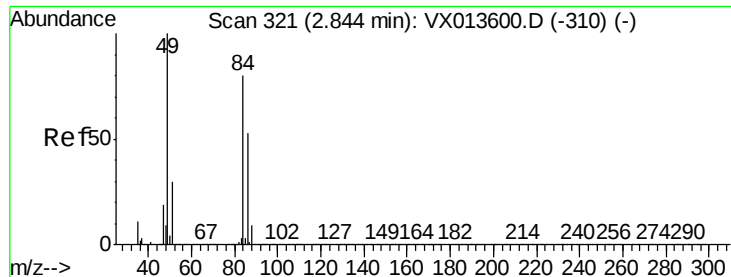
Tot Ion: 43 Resp: 39686
Ion Ratio Lower Upper
43 100
74 23.9 19.5 29.3



#19
Methyl tert-butyl Ether
Concen: 16.477 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.01 min
Lab File: VX013740.D
Acq: 03 Dec 2019 21:14

Tgt Ion: 73 Resp: 383939
Ion Ratio Lower Upper
73 100
57 22.1 18.3 27.5

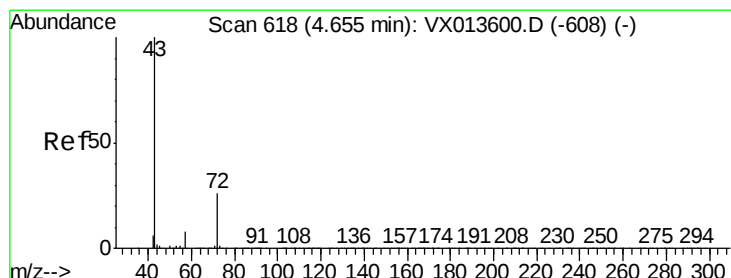
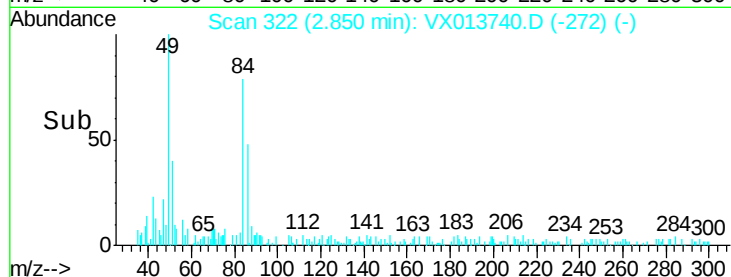
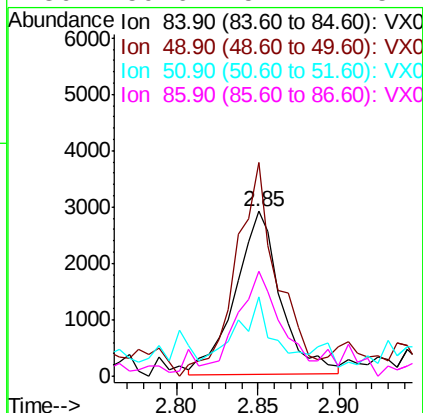
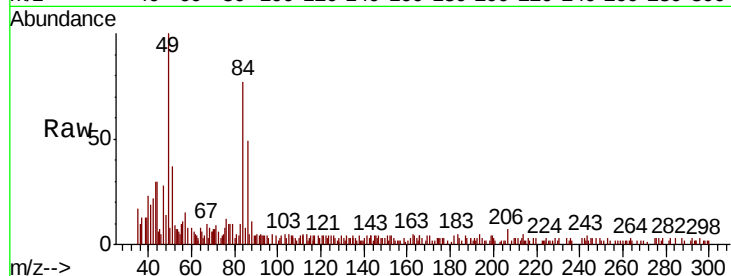




#20
Methvlene Chloride
Concen: 0.695 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX013740.D
Acq: 03 Dec 2019 21:14

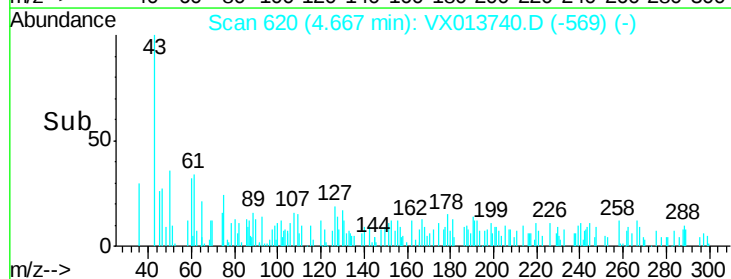
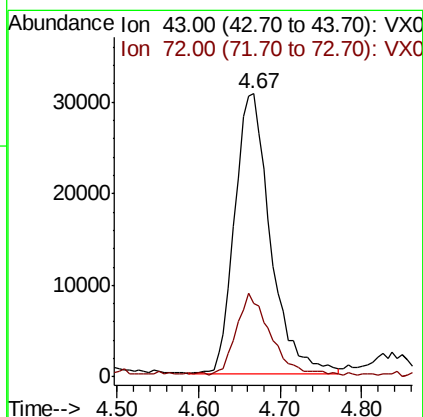
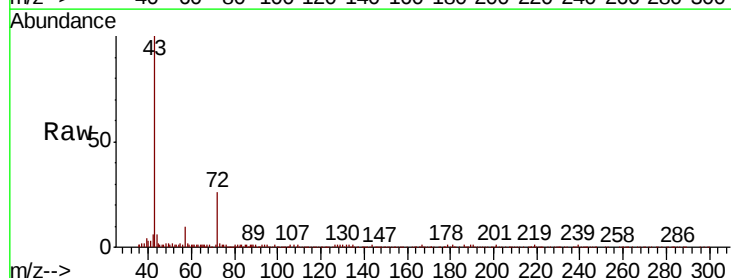
Instrument :
MSVOA_X
ClientSampleId :

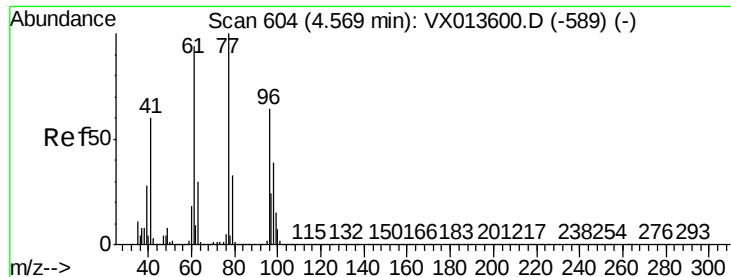
Tot Ion: 84 Resp: 5658
Ion Ratio Lower Upper
84 100
49 119.2 99.7 149.5
51 44.9 29.9 44.9#
86 59.6 52.2 78.4



#25
2-Butanone
Concen: 14.763 ug/l
RT: 4.67 min Scan# 620
Delta R.T. 0.01 min
Lab File: VX013740.D
Acq: 03 Dec 2019 21:14

Tgt Ion: 43 Resp: 92932
Ion Ratio Lower Upper
43 100
72 25.1 20.6 31.0





#26

2,2-Dichloropropane

Concen: 0.271 ug/l

RT: 4.44 min Scan# 583

Delta R.T. -0.13 min

Lab File: VX013740.D

Acq: 03 Dec 2019 21:14

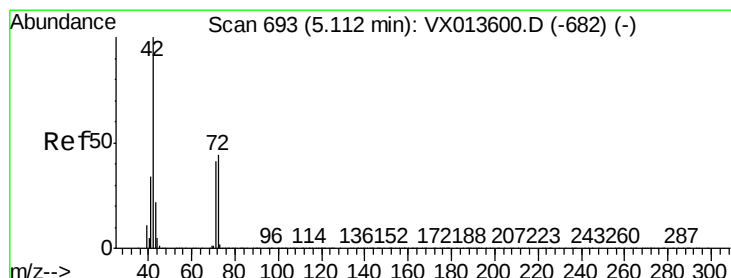
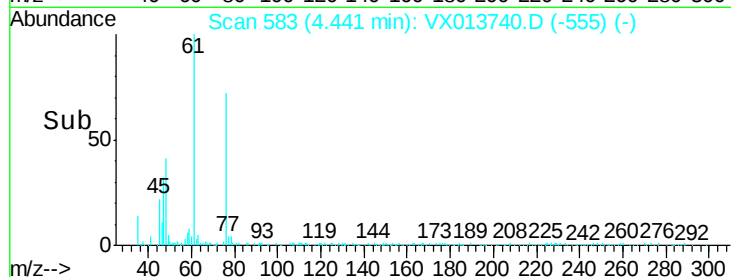
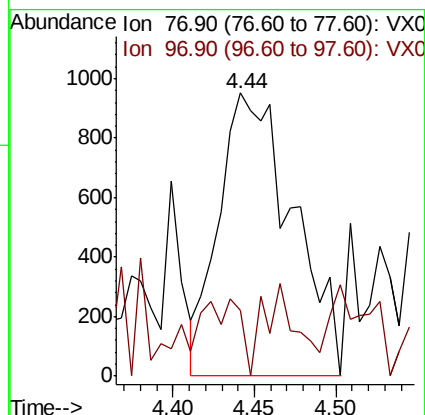
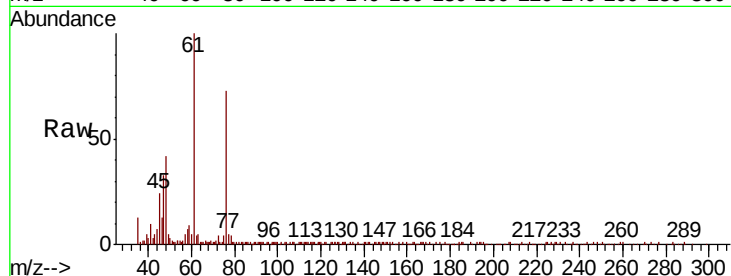
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 77 Resp: 3008

Ion Ratio Lower Upper

77 100

97 16.7 12.0 36.1



#29

Tetrahydrofuran

Concen: 0.366 ug/l

RT: 5.13 min Scan# 696

Delta R.T. 0.02 min

Lab File: VX013740.D

Acq: 03 Dec 2019 21:14

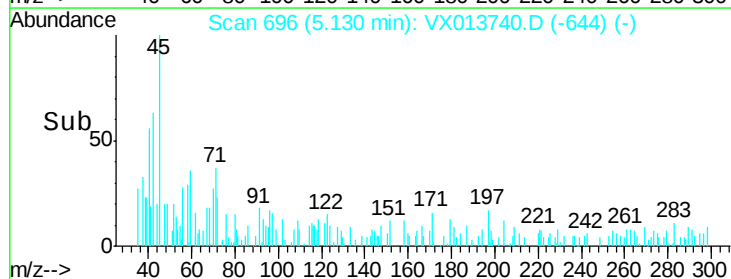
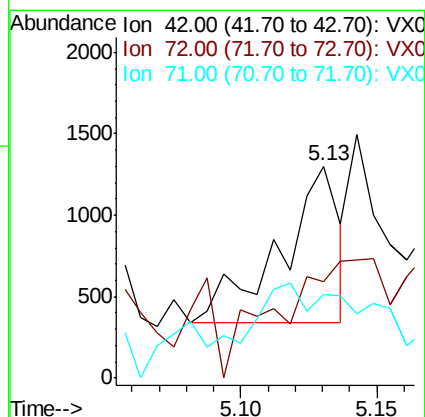
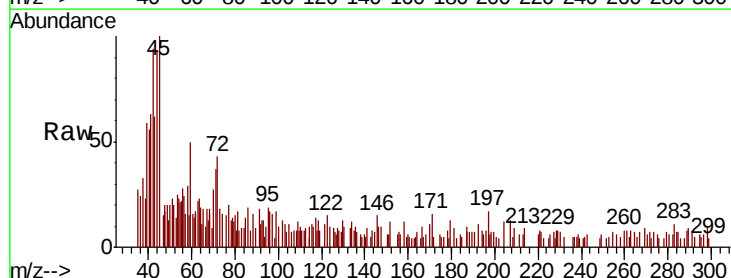
Tgt Ion: 42 Resp: 1421

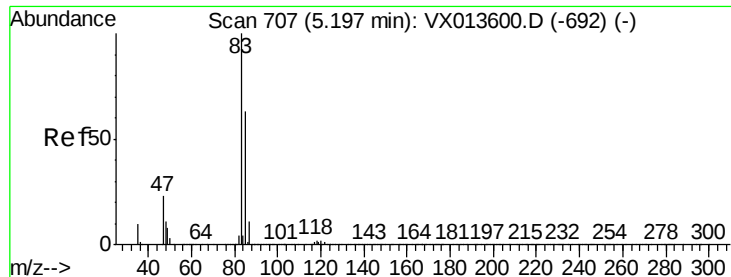
Ion Ratio Lower Upper

42 100

72 0.0 36.3 54.5#

71 67.3 33.2 49.8#

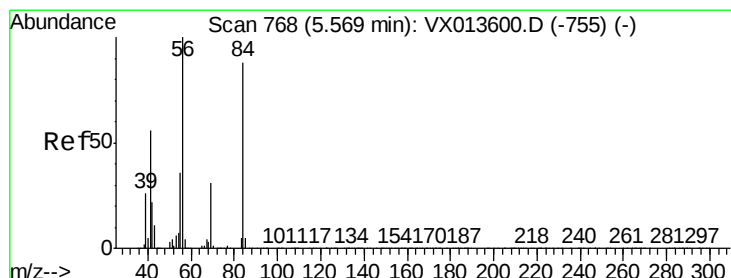
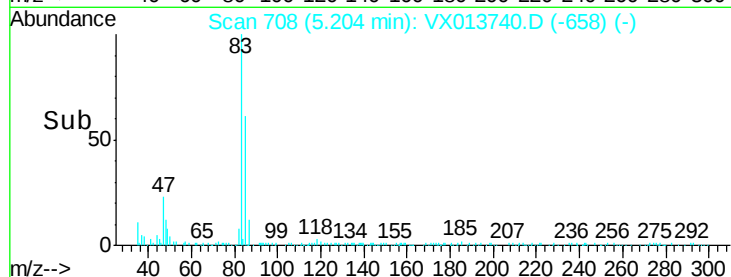
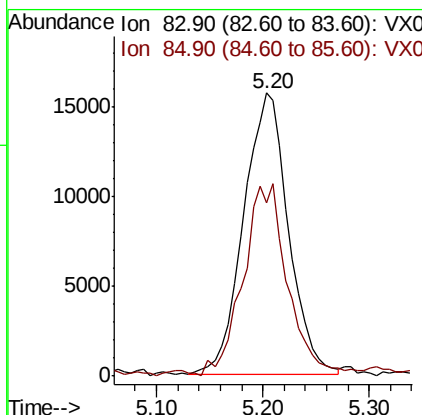
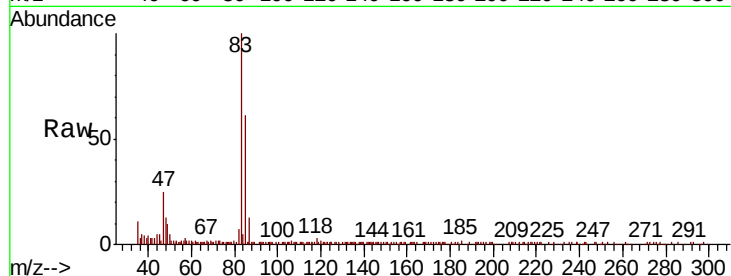




#30
Chloroform
Concen: 3.379 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.01 min
Lab File: VX013740.D
Acq: 03 Dec 2019 21:14

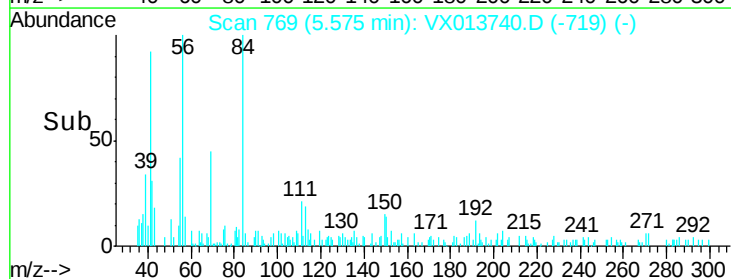
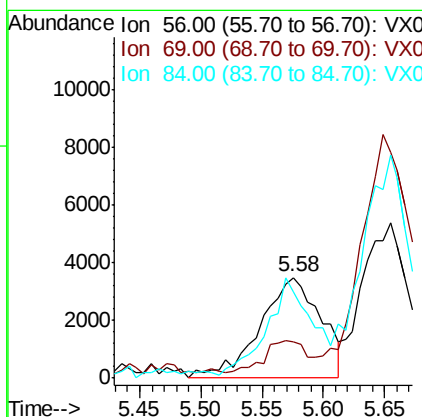
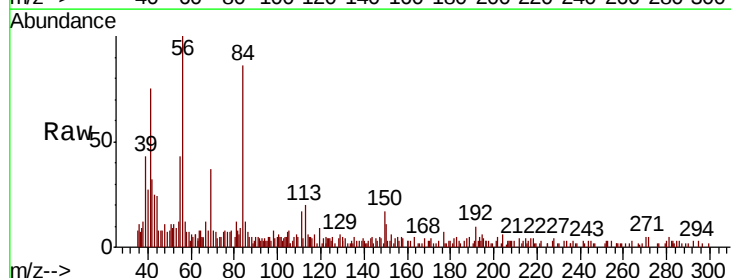
Instrument :
MSVOA_X
ClientSampleId :

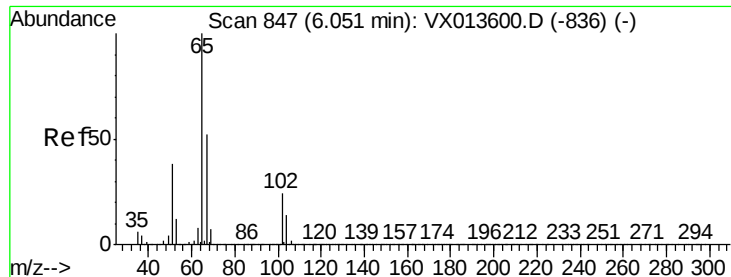
Tot Ion: 83 Resp: 46044
Ion Ratio Lower Upper
83 100
85 60.6 50.2 75.4



#31
Cyclohexane
Concen: 0.954 ug/l
RT: 5.58 min Scan# 769
Delta R.T. 0.01 min
Lab File: VX013740.D
Acq: 03 Dec 2019 21:14

Tgt Ion: 56 Resp: 12086
Ion Ratio Lower Upper
56 100
69 30.4 24.6 36.8
84 79.3 70.0 105.0





#33

1,2-Dichloroethane-d4

Concen: 46.169 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013740.D

Acq: 03 Dec 2019 21:14

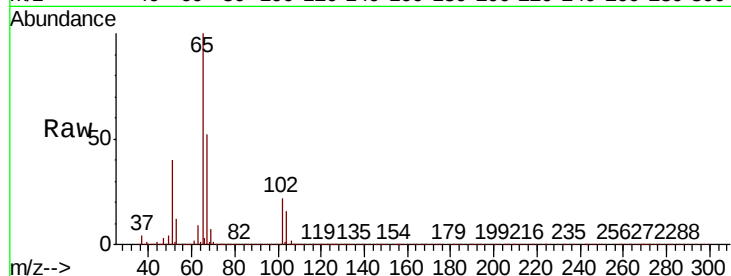
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 65 Resp: 396095

Ion Ratio Lower Upper

65 100

67 52.6 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

150000

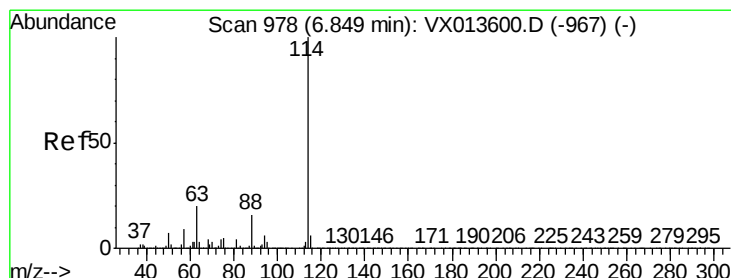
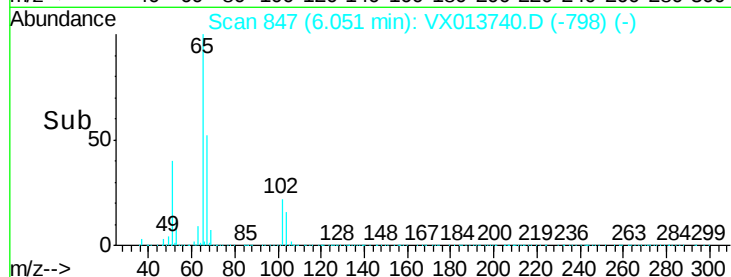
100000

50000

0

Time-->

5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013740.D

Acq: 03 Dec 2019 21:14

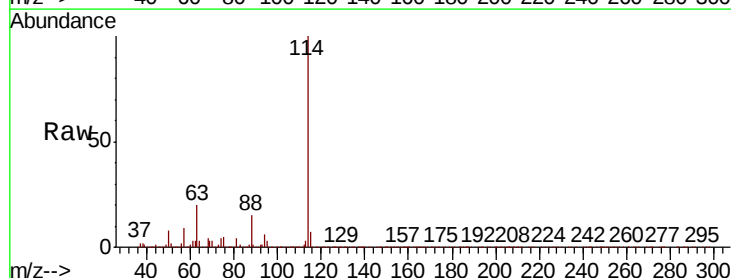
Tgt Ion: 114 Resp: 1120902

Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.6

88 15.3 0.0 31.4



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

6.85

600000

500000

400000

300000

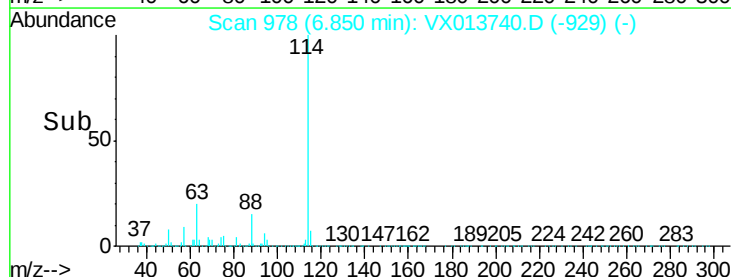
200000

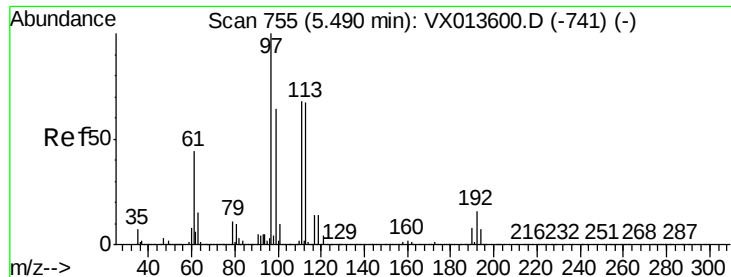
100000

0

Time-->

6.80 6.90

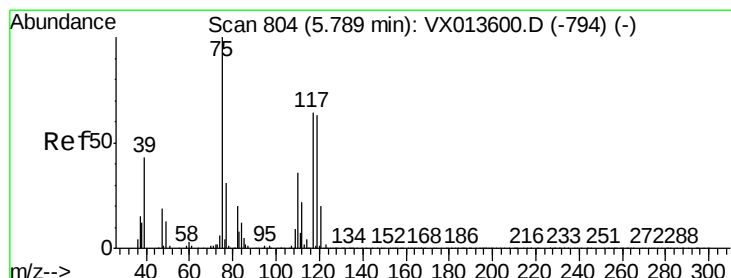
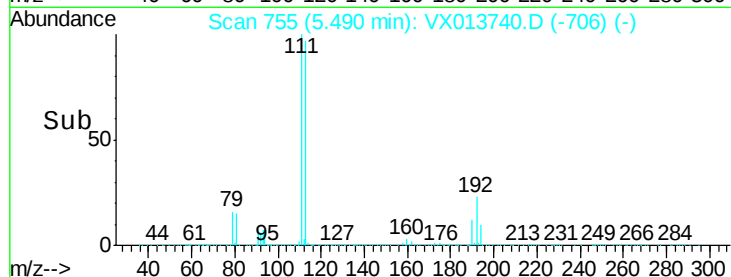
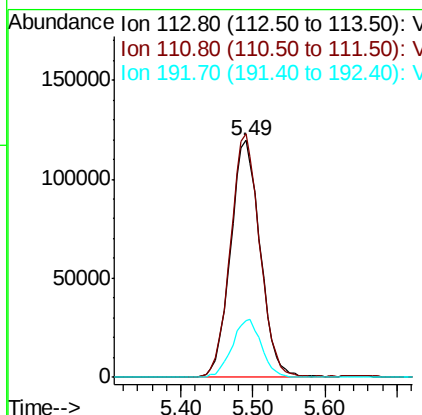
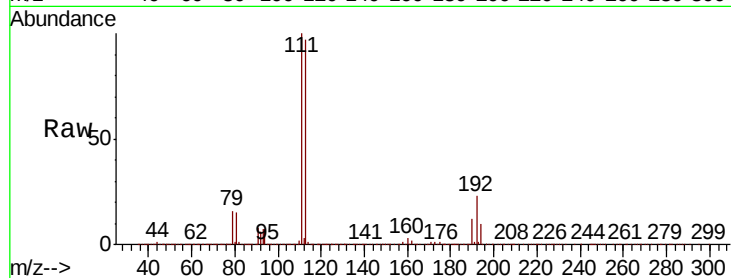




#35
 Dibromofluoromethane
 Concen: 49.464 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX013740.D
 Acq: 03 Dec 2019 21:14

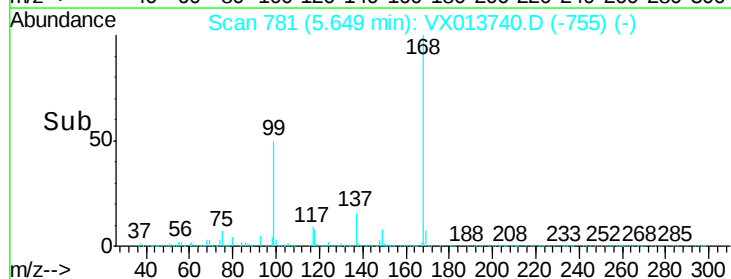
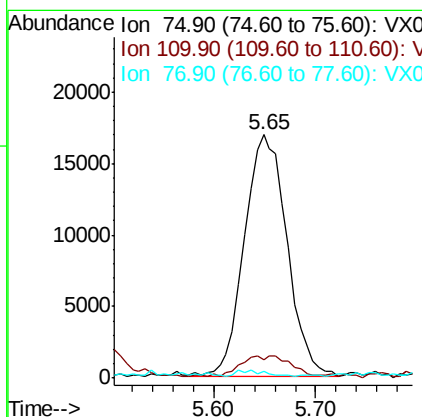
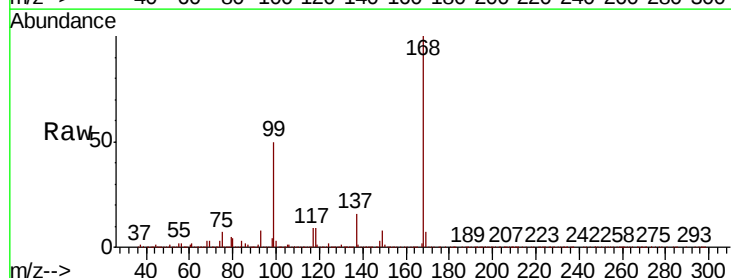
Instrument :
 MSVOA_X
 ClientSampleId :

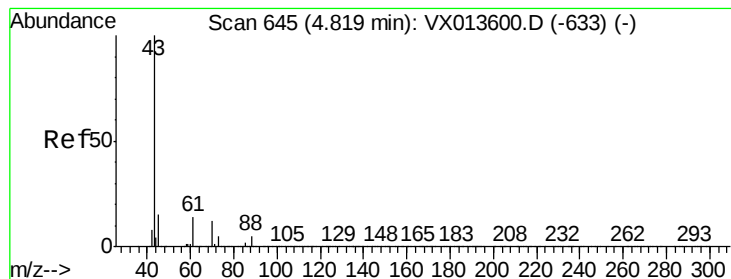
Tot Ion	Ratio	Lower	Upper
113	100		
111	100.9	83.6	125.4
192	23.9	19.2	28.8



#36
 1,1-Dichloropropene
 Concen: 4.803 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.14 min
 Lab File: VX013740.D
 Acq: 03 Dec 2019 21:14

Tgt Ion	Ratio	Lower	Upper
75	100		
110	4.8	18.1	54.1#
77	0.0	24.5	36.7#





#37

Ethyl Acetate

Concen: 8.141 ug/l

RT: 4.67 min Scan# 620

Delta R.T. -0.15 min

Lab File: VX013740.D

Acq: 03 Dec 2019 21:14

Instrument :

MSVOA_X

ClientSampleId :

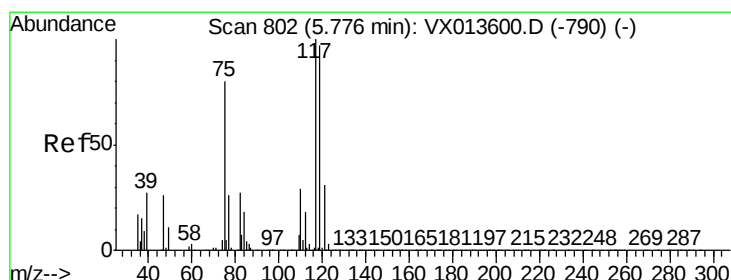
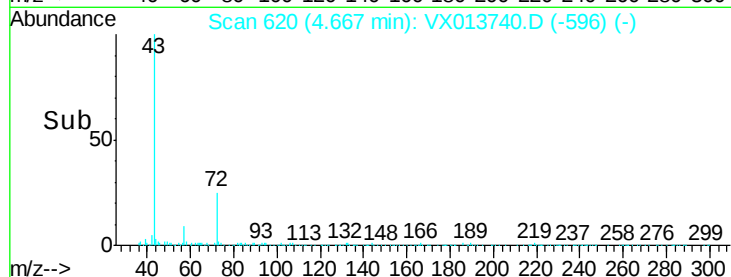
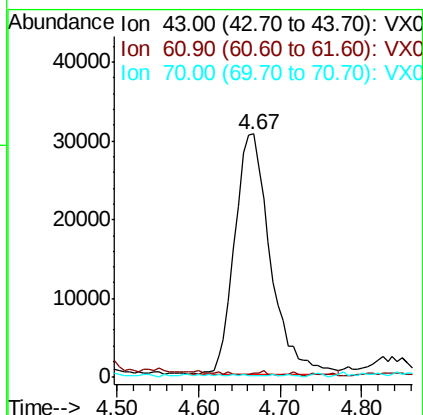
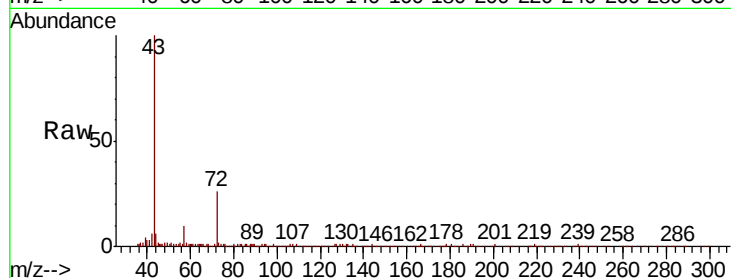
Tot Ion: 43 Resp: 92932

Ion Ratio Lower Upper

43 100

61 0.0 11.0 16.4#

70 0.0 8.6 12.8#



#38

Carbon Tetrachloride

Concen: 7.047 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.12 min

Lab File: VX013740.D

Acq: 03 Dec 2019 21:14

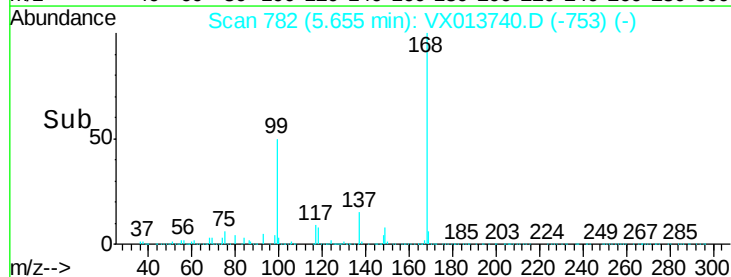
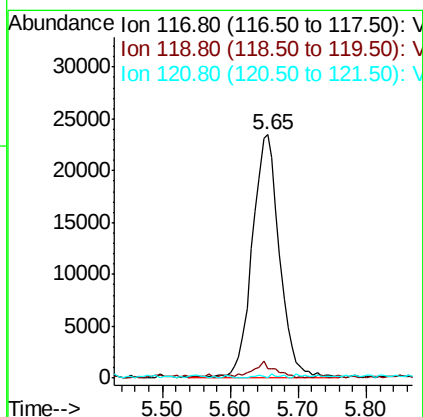
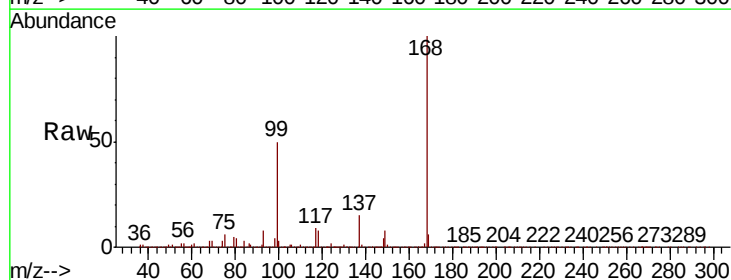
Tgt Ion: 117 Resp: 66118

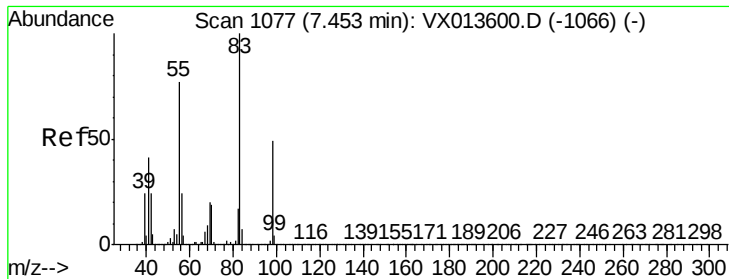
Ion Ratio Lower Upper

117 100

119 3.0 77.5 116.3#

121 0.0 25.0 37.6#

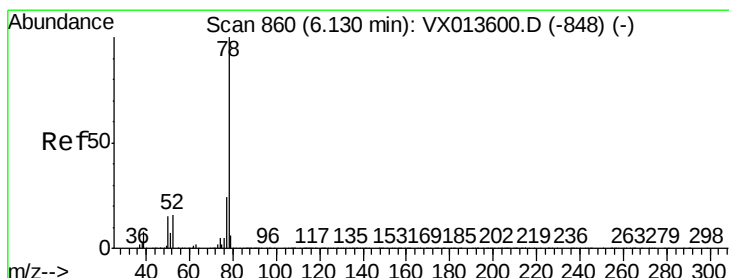
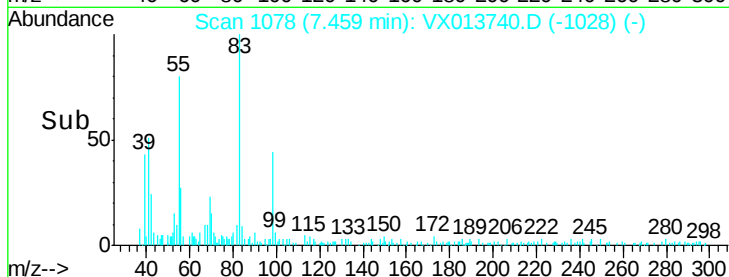
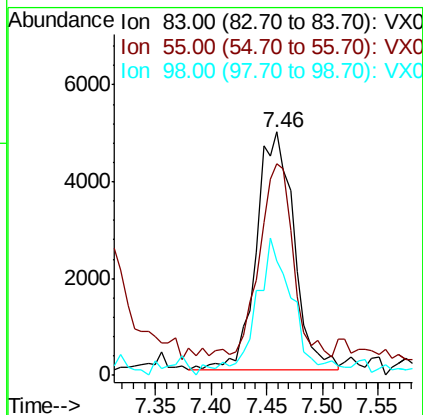
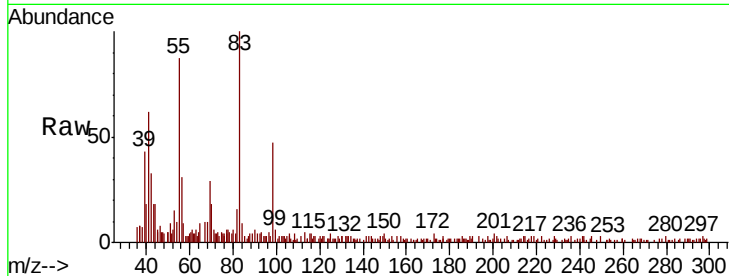




#39
Methvlcvclohexane
Concen: 0.921 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX013740.D
Acq: 03 Dec 2019 21:14

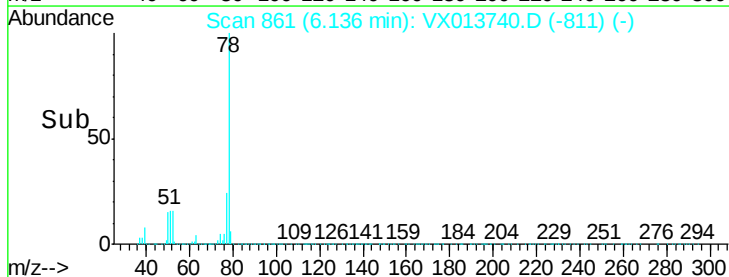
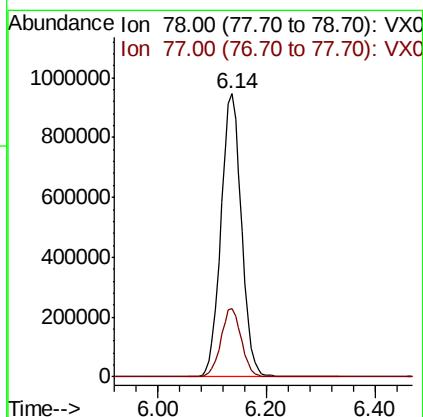
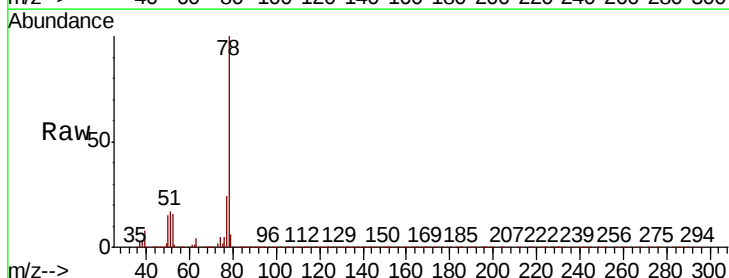
Instrument :
MSVOA_X
ClientSampleId :

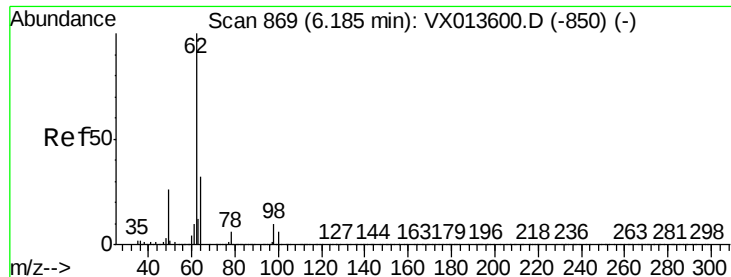
Tot Ion: 83 Resp: 11589
Ion Ratio Lower Upper
83 100
55 78.9 61.9 92.9
98 45.0 39.4 59.0



#40
Benzene
Concen: 79.791 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013740.D
Acq: 03 Dec 2019 21:14

Tgt Ion: 78 Resp: 2472680
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.4





#42

1,2-Dichloroethane

Concen: 2.019 ug/l

RT: 6.13 min Scan# 860

Delta R.T. -0.05 min

Lab File: VX013740.D

Acq: 03 Dec 2019 21:14

Instrument :

MSVOA_X

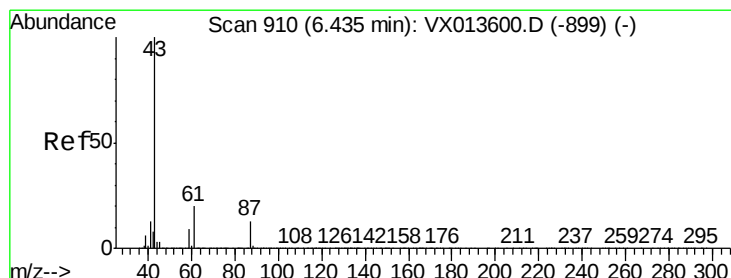
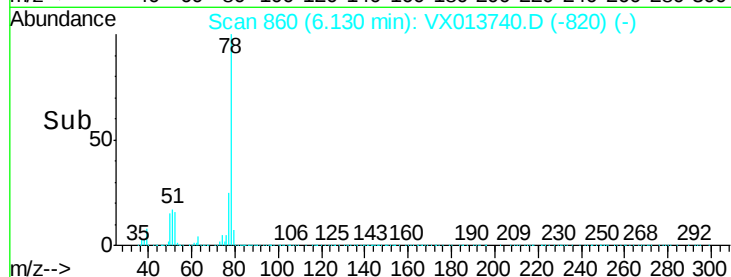
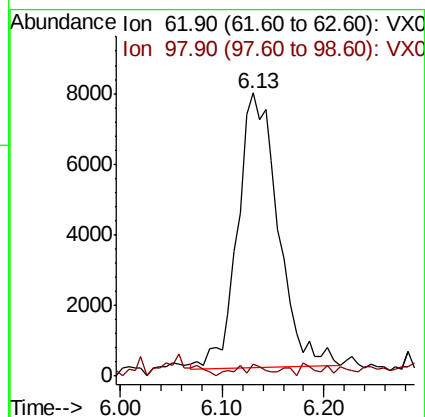
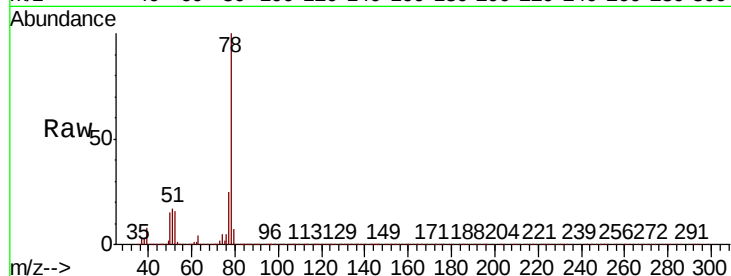
ClientSampled :

Tot Ion: 62 Resp: 21336

Ion Ratio Lower Upper

62 100

98 1.2 0.0 20.8



#43

Isopropyl Acetate

Concen: 1.478 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX013740.D

Acq: 03 Dec 2019 21:14

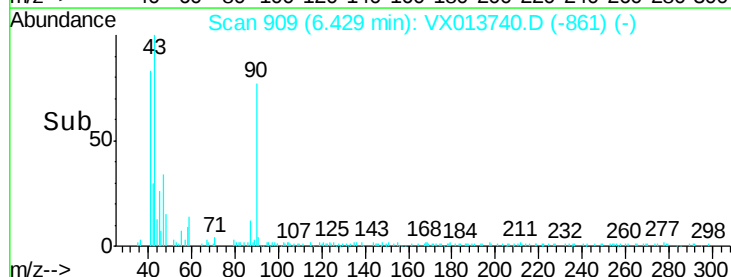
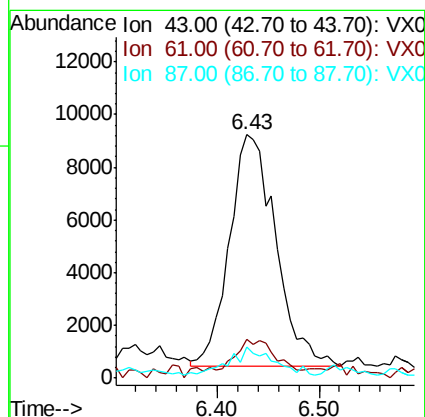
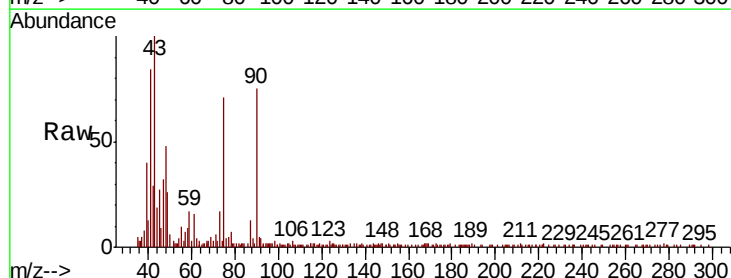
Tgt Ion: 43 Resp: 27766

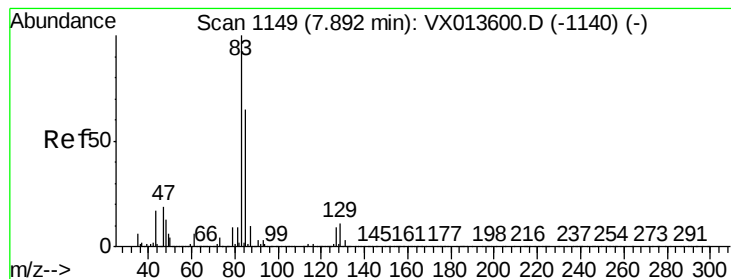
Ion Ratio Lower Upper

43 100

61 13.6 16.3 24.5#

87 10.6 10.8 16.2#





#47

Bromodichloromethane

Concen: 0.583 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013740.D

Acq: 03 Dec 2019 21:14

Instrument :

MSVOA_X

ClientSampleId :

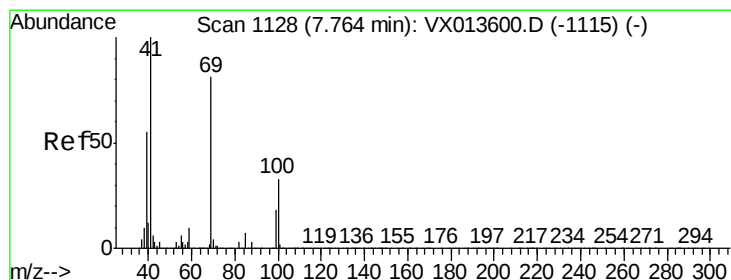
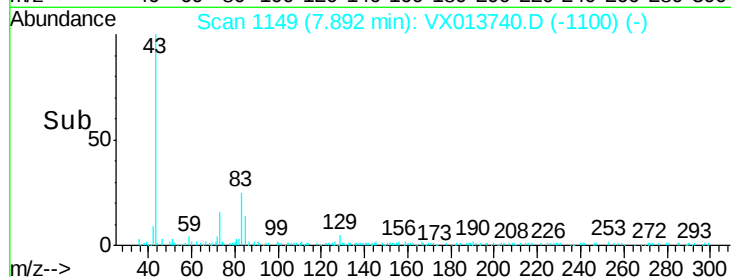
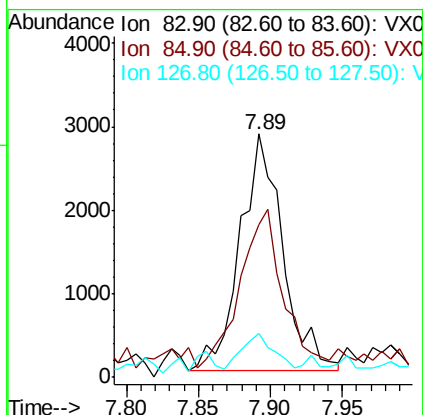
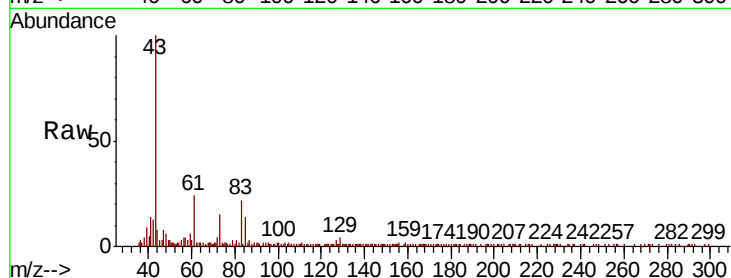
Tot Ion: 83 Resp: 5807

Ion Ratio Lower Upper

83 100

85 52.5 52.1 78.1

127 16.2 7.0 10.4#



#48

Methyl methacrylate

Concen: 0.525 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX013740.D

Acq: 03 Dec 2019 21:14

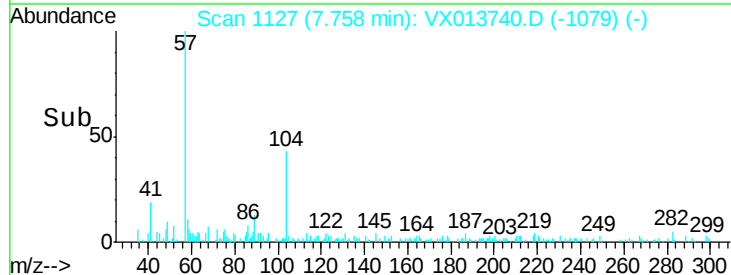
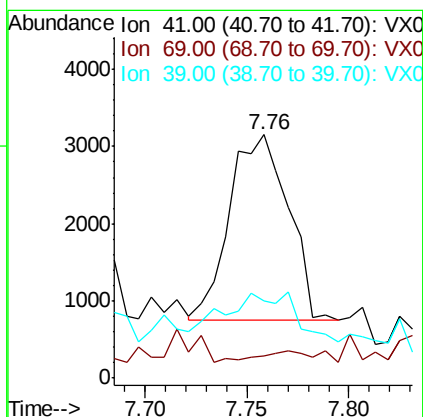
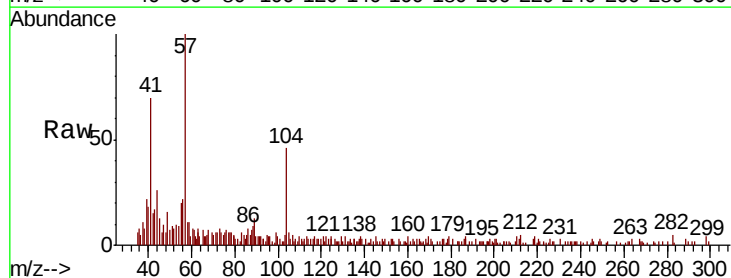
Tgt Ion: 41 Resp: 4792

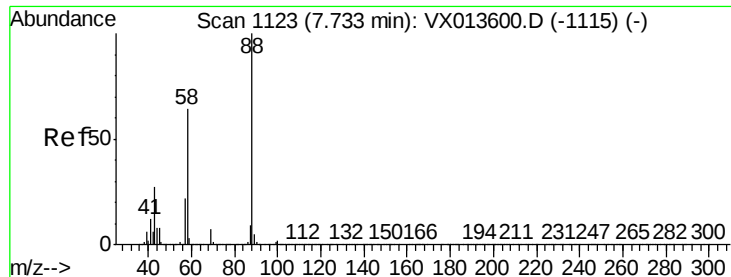
Ion Ratio Lower Upper

41 100

69 4.8 64.7 97.1#

39 31.4 43.8 65.6#





#49

1,4-Dioxane

Concen: 4.536 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. 0.02 min

Lab File: VX013740.D

Acq: 03 Dec 2019 21:14

Instrument :
MSVOA_X
ClientSampled :

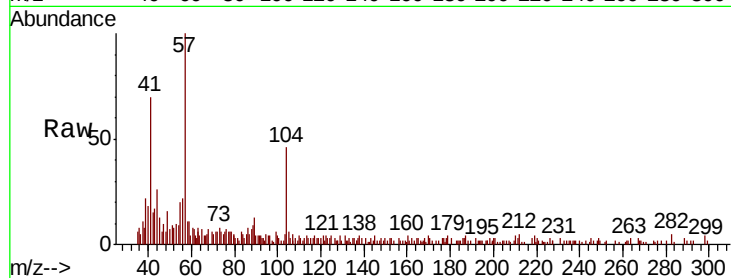
Tot Ion: 88 Resp: 927

Ion Ratio Lower Upper

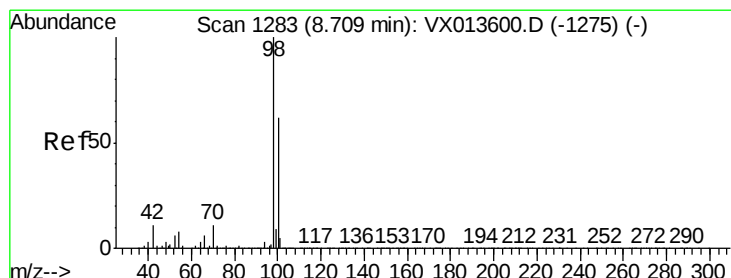
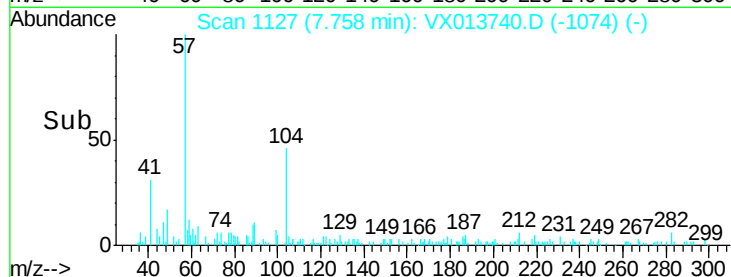
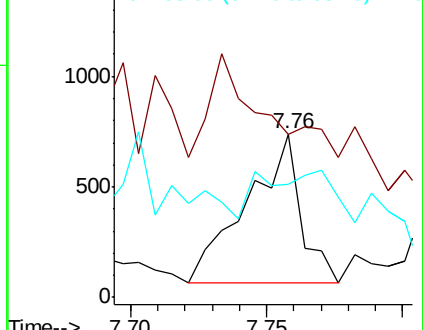
88 100

43 0.0 25.8 38.6#

58 45.0 54.6 82.0#



Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 49.226 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013740.D

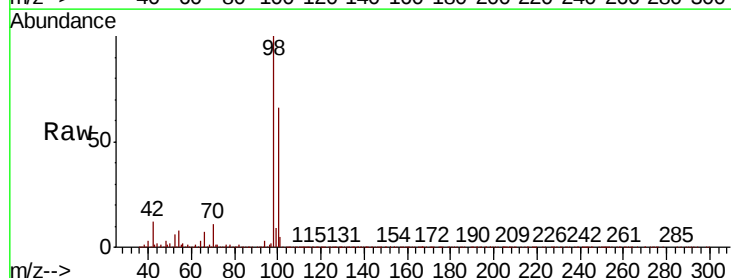
Acq: 03 Dec 2019 21:14

Tgt Ion: 98 Resp: 1329034

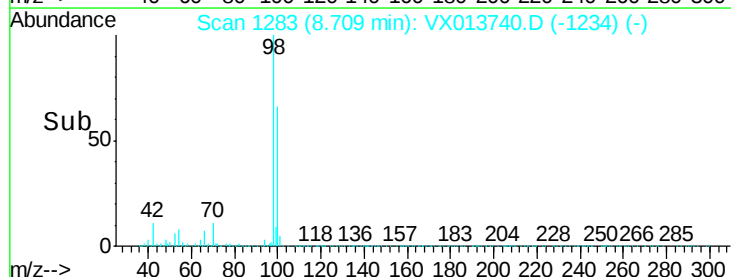
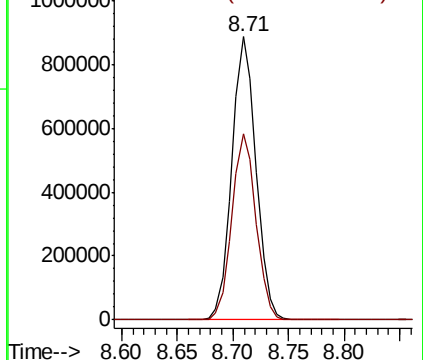
Ion Ratio Lower Upper

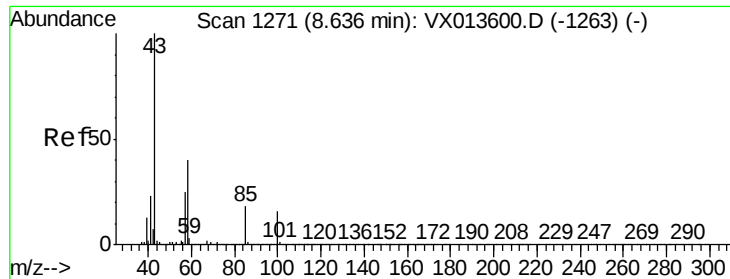
98 100

100 65.8 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 1.633 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX013740.D

Acq: 03 Dec 2019 21:14

Instrument :

MSVOA_X

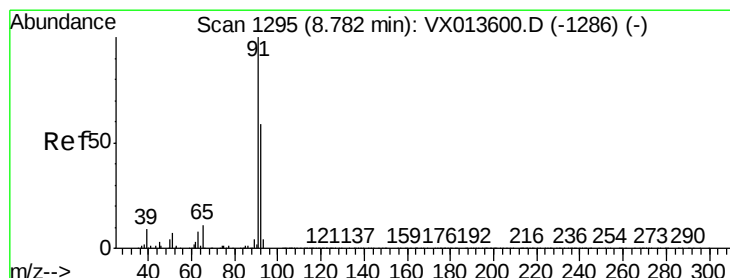
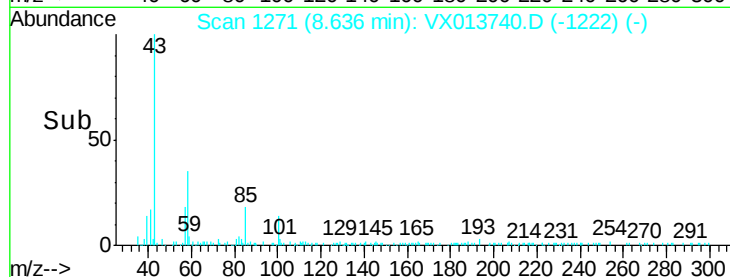
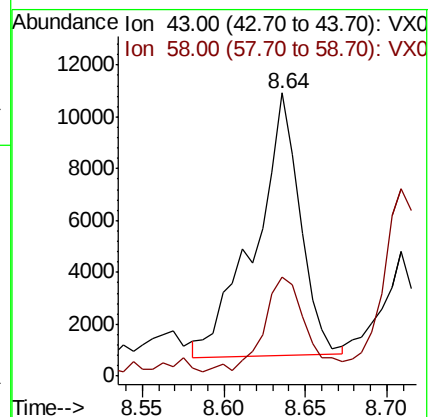
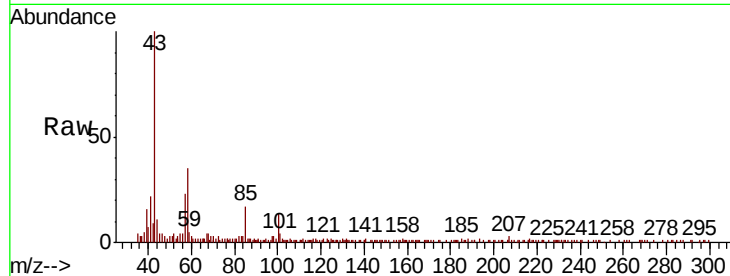
ClientSampleId :

Tot Ion: 43 Resp: 19309

Ion Ratio Lower Upper

43 100

58 34.4 32.1 48.1



#52

Toluene

Concen: 71.006 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013740.D

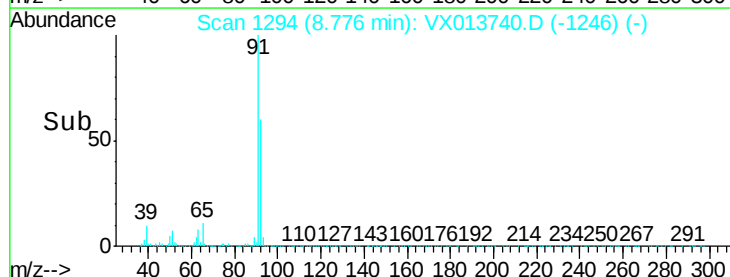
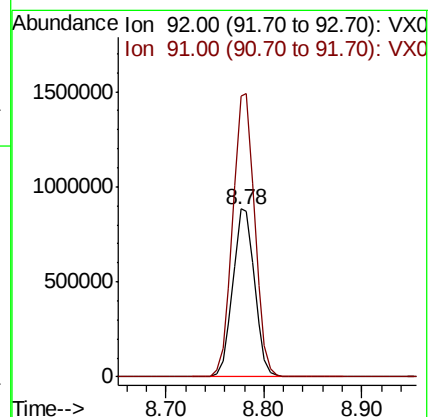
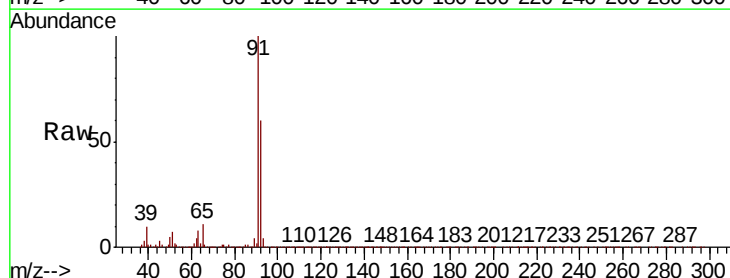
Acq: 03 Dec 2019 21:14

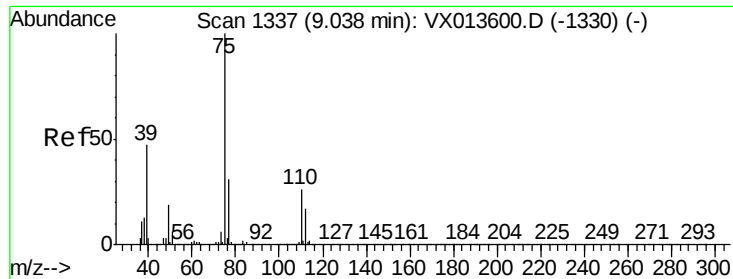
Tgt Ion: 92 Resp: 1367002

Ion Ratio Lower Upper

92 100

91 170.2 136.2 204.2

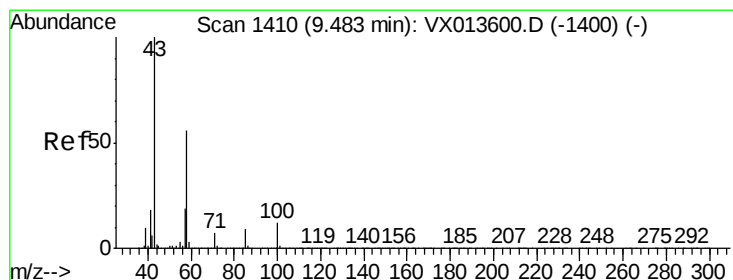
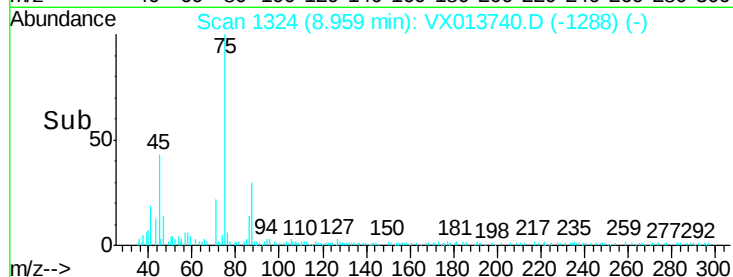
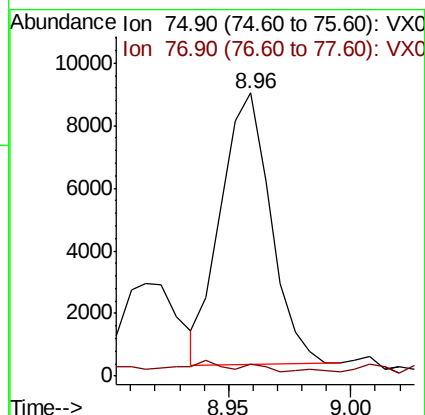
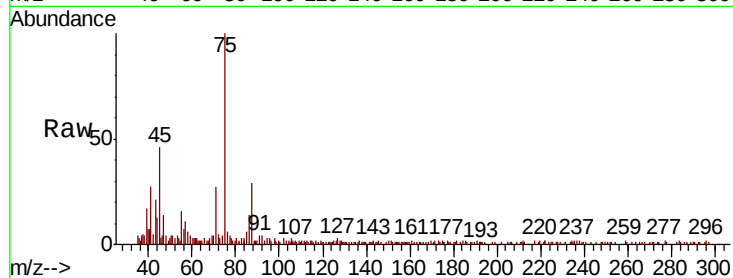




#53
t-1,3-Dichloropropene
Concen: 1.082 ug/l
RT: 8.96 min Scan# 1324
Delta R.T. -0.08 min
Lab File: VX013740.D
Acq: 03 Dec 2019 21:14

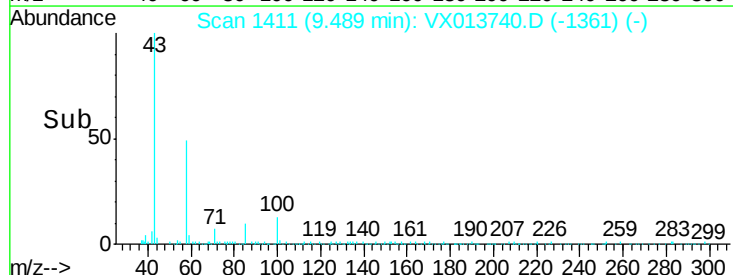
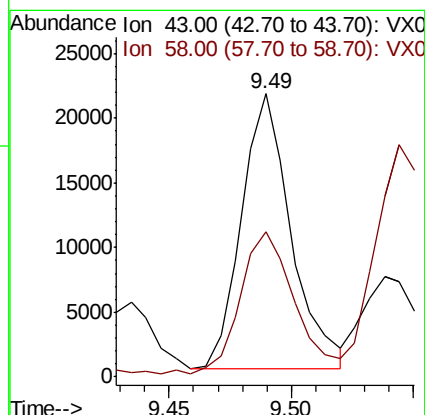
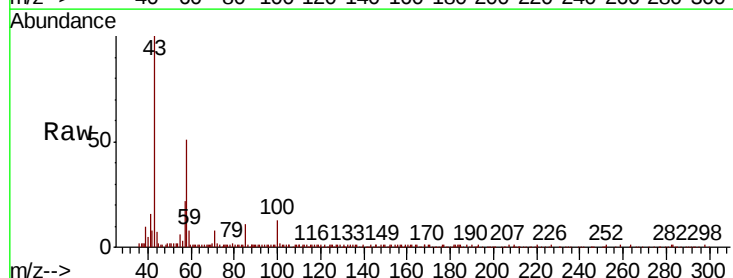
Instrument :
MSVOA_X
ClientSampleId :

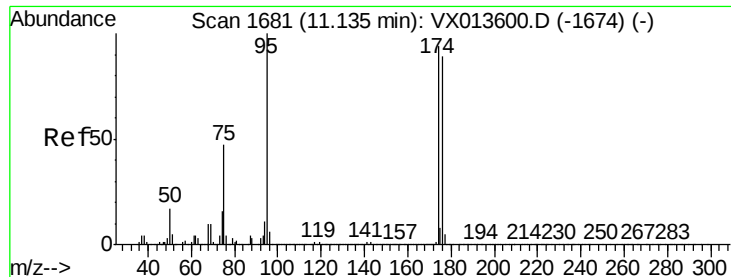
Tot Ion: 75 Resp: 12255
Ion Ratio Lower Upper
75 100
77 2.7 24.4 36.6#



#59
2-Hexanone
Concen: 3.250 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX013740.D
Acq: 03 Dec 2019 21:14

Tgt Ion: 43 Resp: 29961
Ion Ratio Lower Upper
43 100
58 57.4 28.1 84.4





#62

4-Bromofluorobenzene

Concen: 48.733 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX013740.D

Acq: 03 Dec 2019 21:14

Instrument :

MSVOA_X

ClientSampleId :

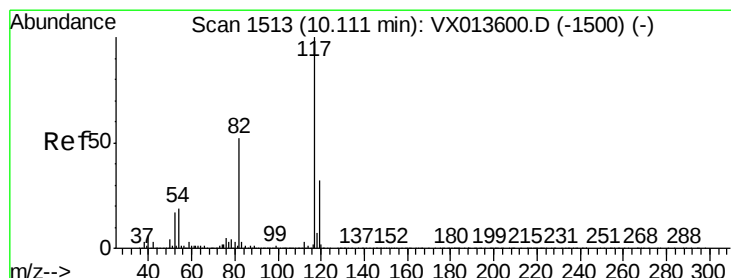
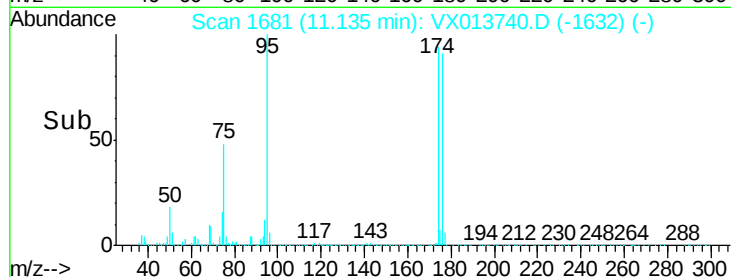
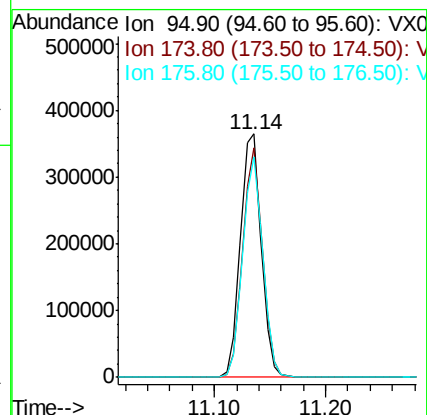
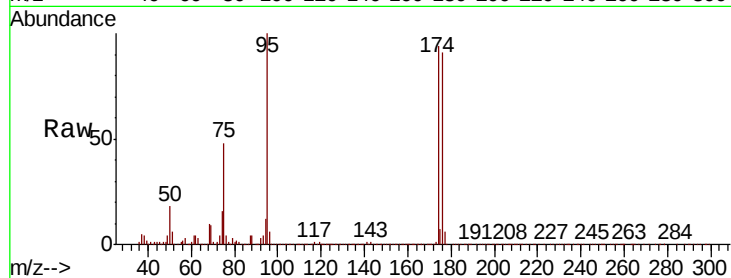
Tot Ion: 95 Resp: 474447

Ion Ratio Lower Upper

95 100

174 89.7 0.0 180.0

176 87.8 0.0 173.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX013740.D

Acq: 03 Dec 2019 21:14

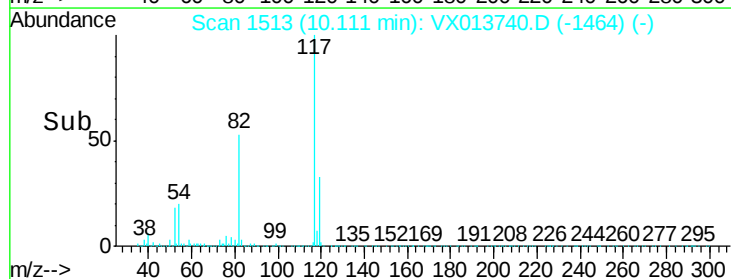
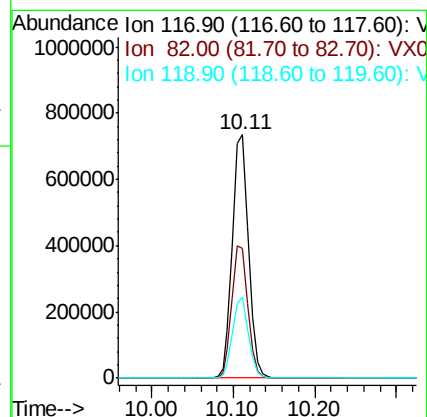
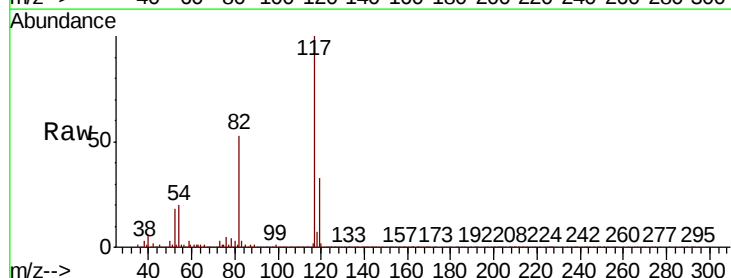
Tgt Ion: 117 Resp: 1001108

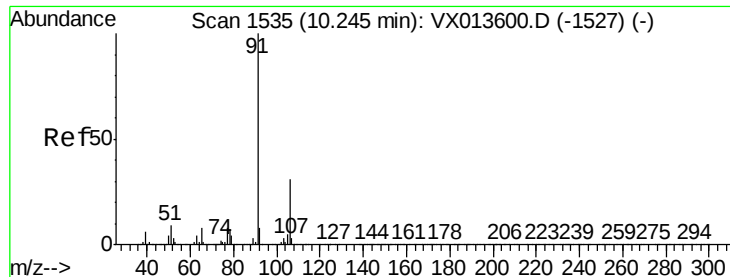
Ion Ratio Lower Upper

117 100

82 53.2 41.8 62.8

119 33.1 25.8 38.8





#67

Ethyl Benzene

Concen: 4.204 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX013740.D

Acq: 03 Dec 2019 21:14

Instrument :

MSVOA_X

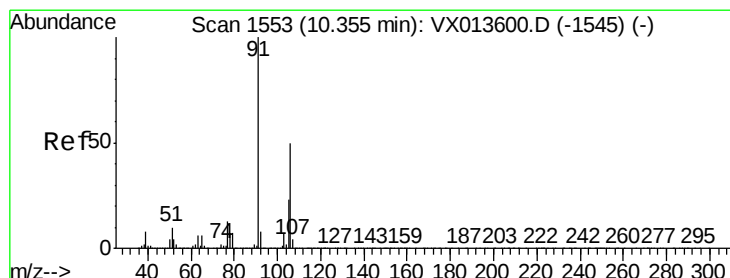
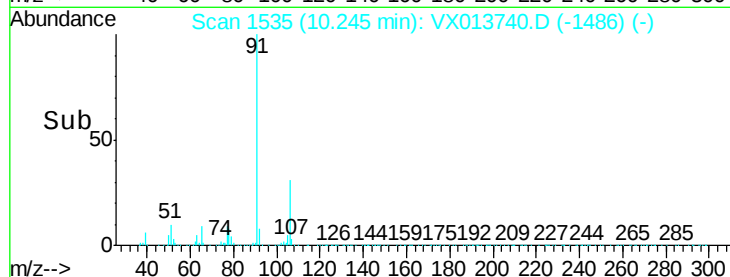
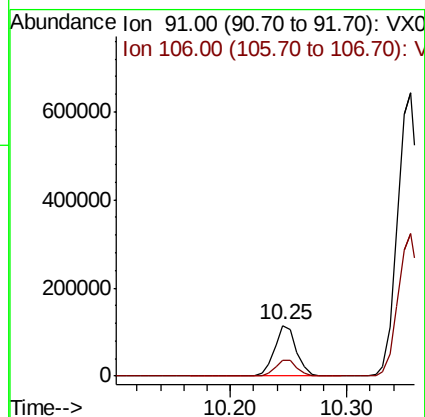
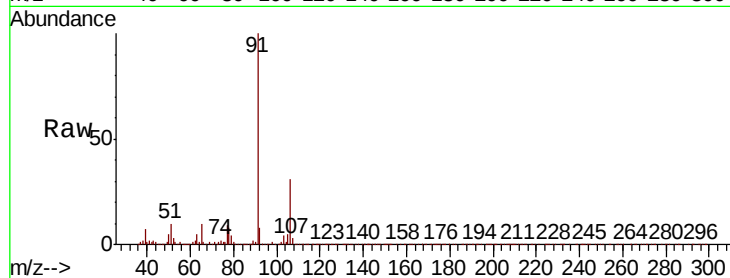
ClientSampled :

Tot Ion: 91 Resp: 150139

Ion Ratio Lower Upper

91 100

106 30.8 24.5 36.7



#68

m/p-Xylenes

Concen: 31.103 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013740.D

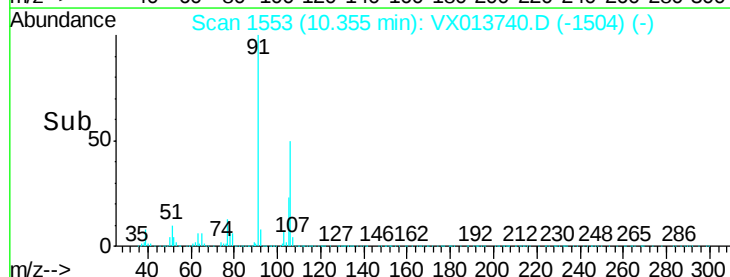
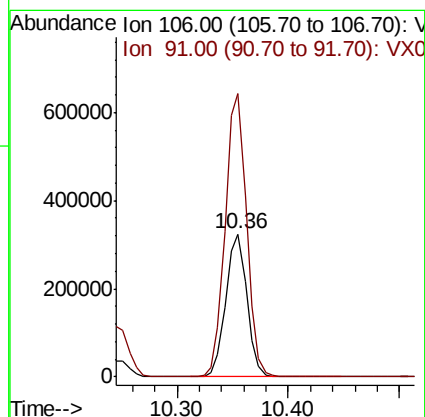
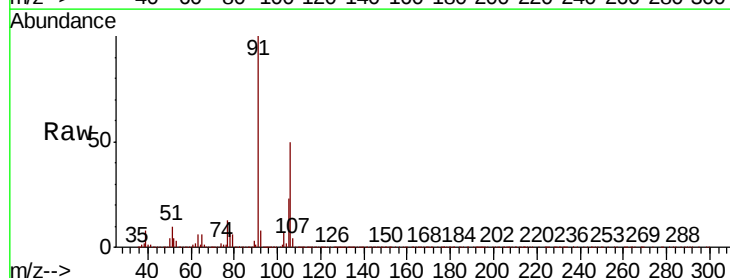
Acq: 03 Dec 2019 21:14

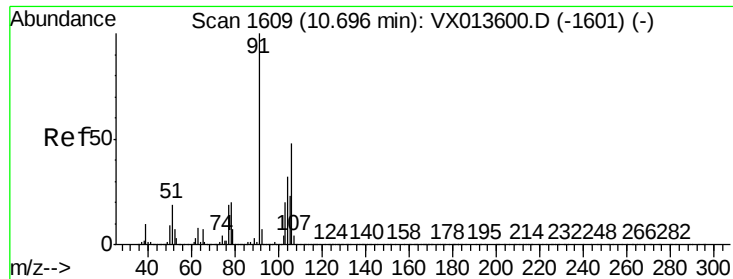
Tgt Ion: 106 Resp: 425312

Ion Ratio Lower Upper

106 100

91 200.1 159.0 238.4

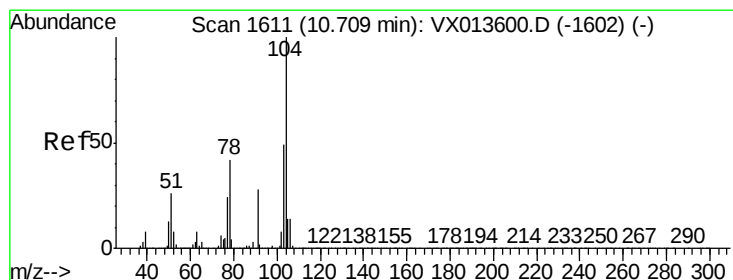
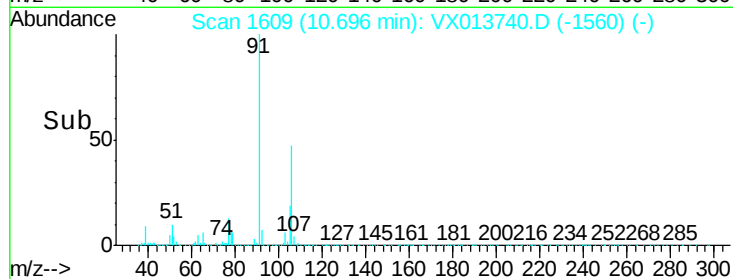
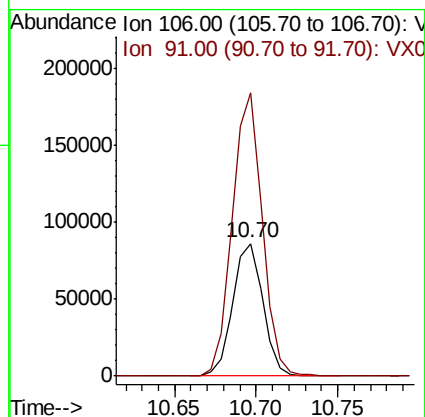
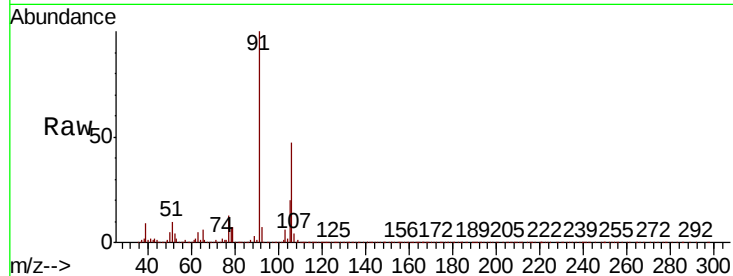




#69
o-Xylene
Concen: 8.274 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013740.D
Acq: 03 Dec 2019 21:14

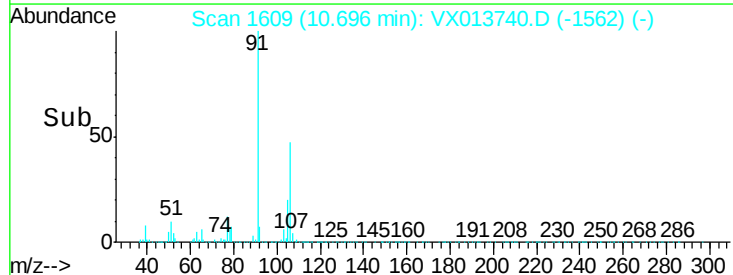
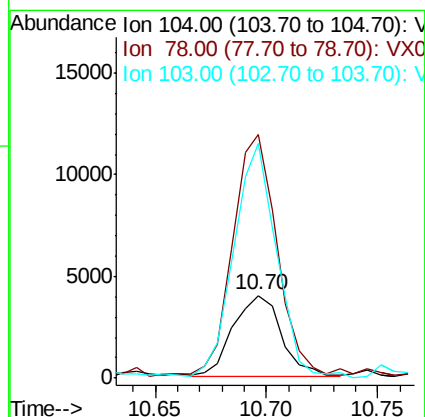
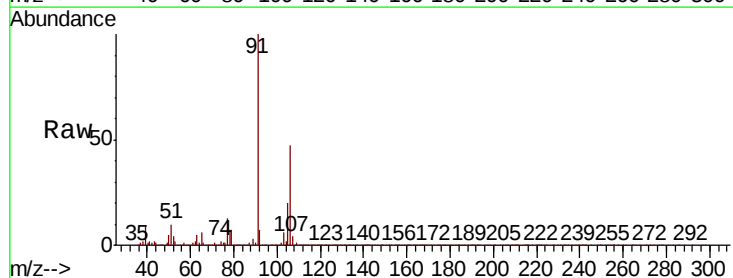
Instrument :
MSVOA_X
ClientSampleId :

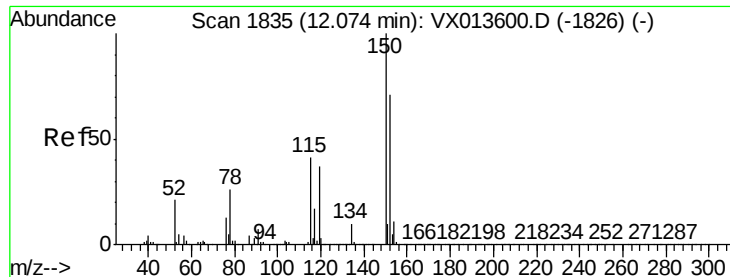
Tot Ion:106 Resp: 110345
Ion Ratio Lower Upper
106 100
91 212.1 104.1 312.2



#70
Styrene
Concen: 0.271 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.01 min
Lab File: VX013740.D
Acq: 03 Dec 2019 21:14

Tgt Ion:104 Resp: 6080
Ion Ratio Lower Upper
104 100
78 265.0 38.5 57.7#
103 256.4 43.7 65.5#



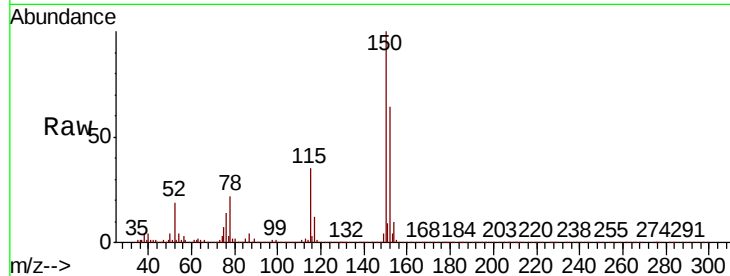


#72

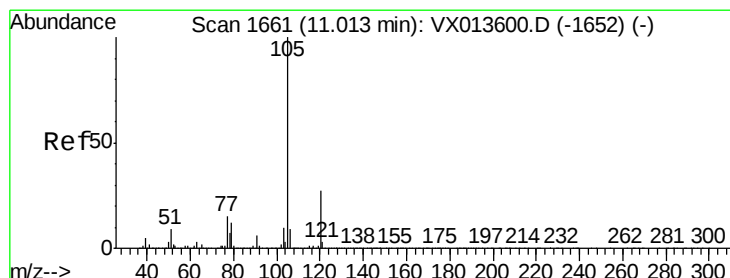
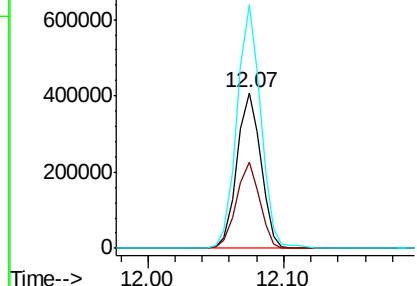
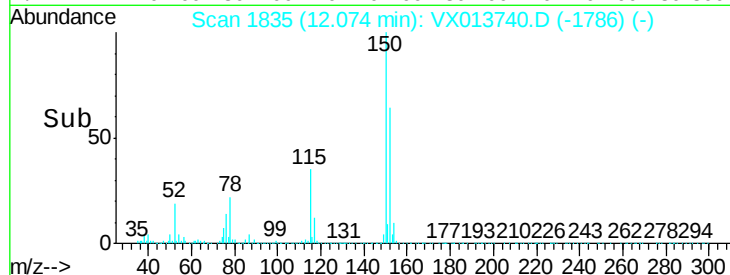
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013740.D
Acq: 03 Dec 2019 21:14

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	53.8	38.4	115.1
150	156.5	0.0	346.8



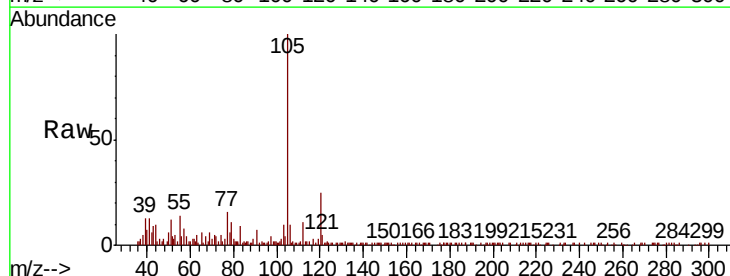
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



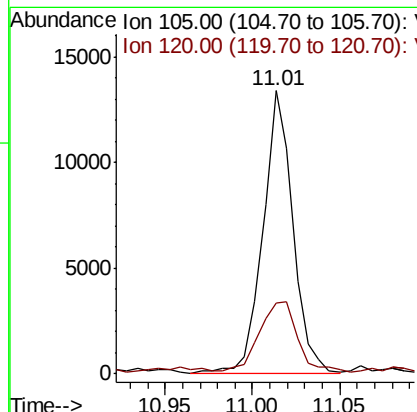
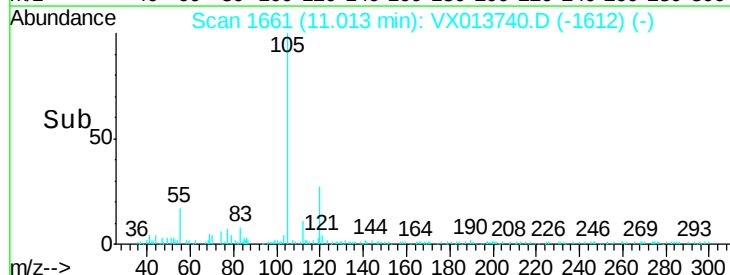
#73

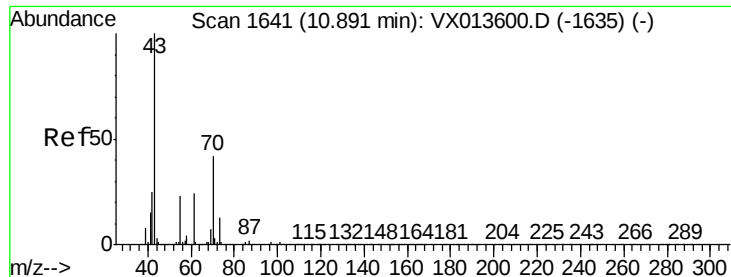
Isopropylbenzene
Concen: 0.459 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX013740.D
Acq: 03 Dec 2019 21:14

Tgt Ion	Ratio	Lower	Upper
105	100		
120	33.2	13.5	40.5



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





#74

N-amvl acetate

Concen: 1.749 ug/l

RT: 10.93 min Scan# 1648

Delta R.T. 0.04 min

Lab File: VX013740.D

Acq: 03 Dec 2019 21:14

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 43 Resp: 27974

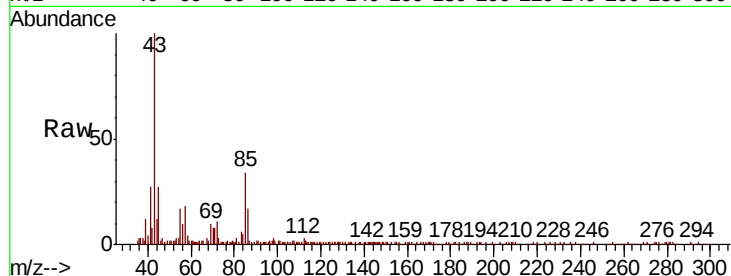
Ion Ratio Lower Upper

43 100

70 0.0 34.3 51.5#

55 0.0 18.5 27.7#

61 0.0 19.8 29.8#

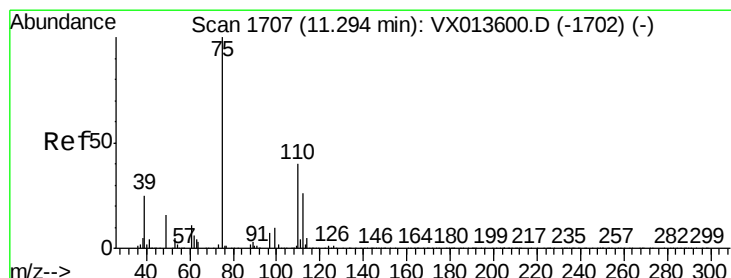
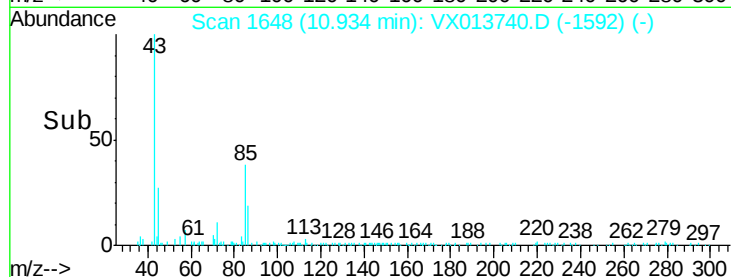
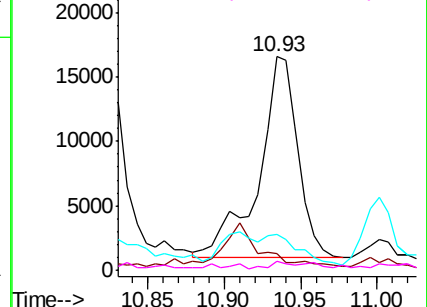


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#76

1,2,3-Trichloropropane

Concen: 20.535 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.16 min

Lab File: VX013740.D

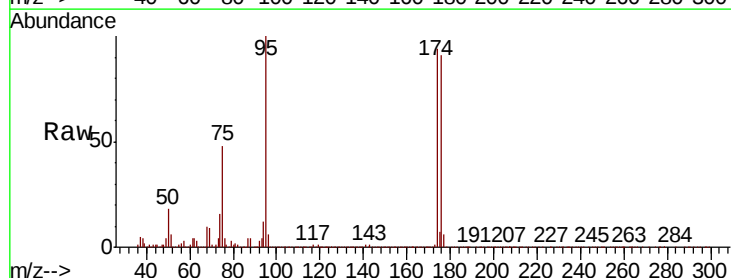
Acq: 03 Dec 2019 21:14

Tgt Ion: 75 Resp: 229952

Ion Ratio Lower Upper

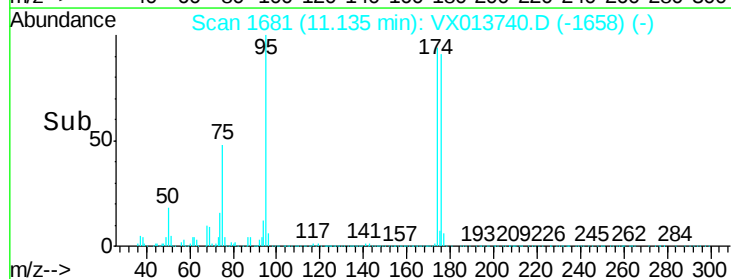
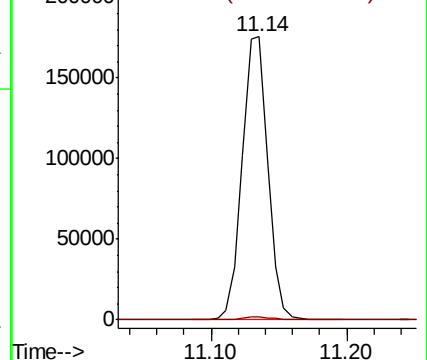
75 100

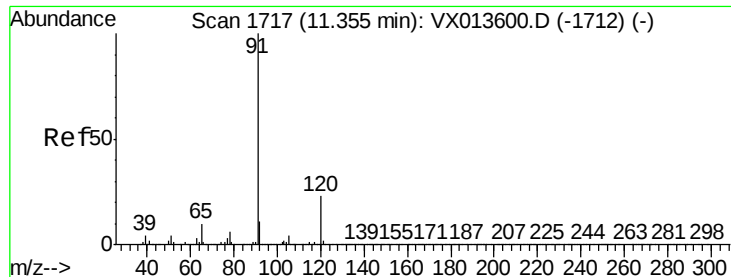
77 1.3 19.1 57.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 0.441 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013740.D

Acq: 03 Dec 2019 21:14

Instrument :

MSVOA_X

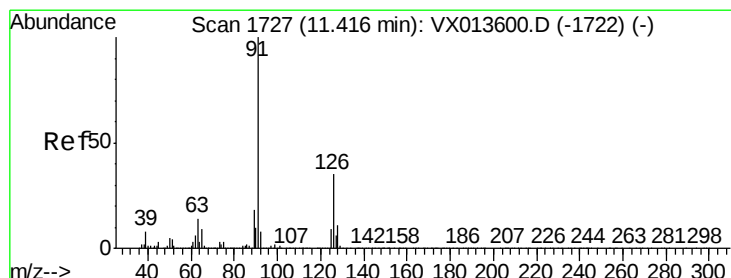
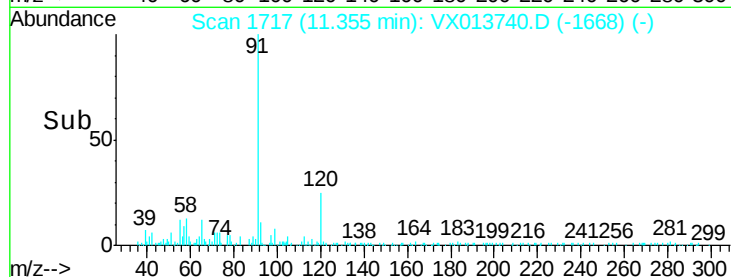
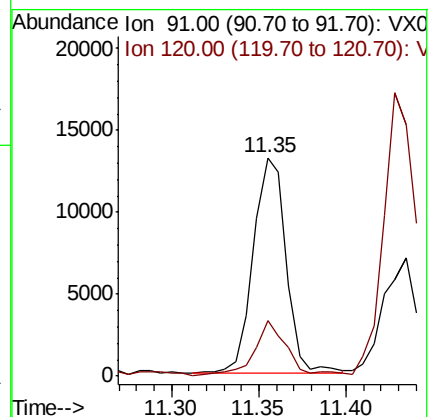
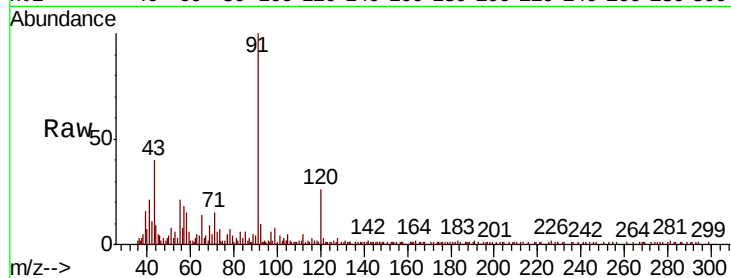
ClientSampleId :

Tot Ion: 91 Resp: 17184

Ion Ratio Lower Upper

91 100

120 24.6 11.8 35.3



#79

2-Chlorotoluene

Concen: 0.490 ug/l

RT: 11.43 min Scan# 1730

Delta R.T. 0.02 min

Lab File: VX013740.D

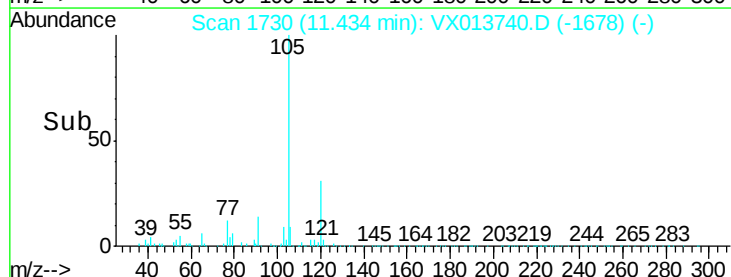
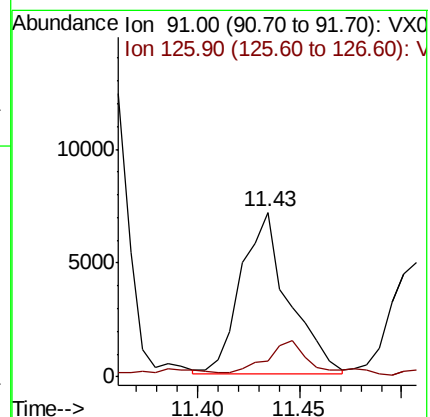
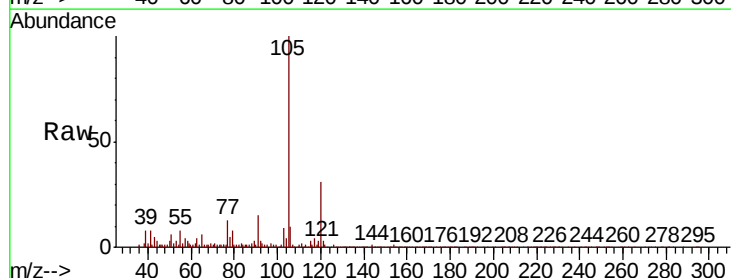
Acq: 03 Dec 2019 21:14

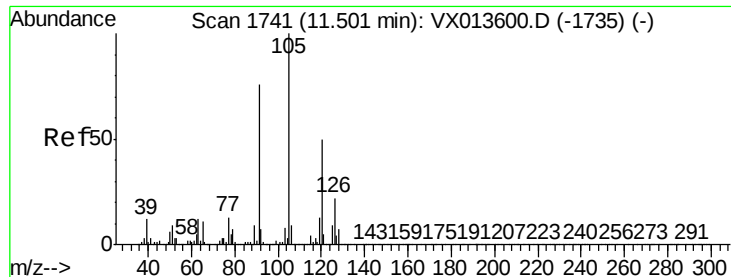
Tgt Ion: 91 Resp: 11466

Ion Ratio Lower Upper

91 100

126 19.8 17.5 52.5

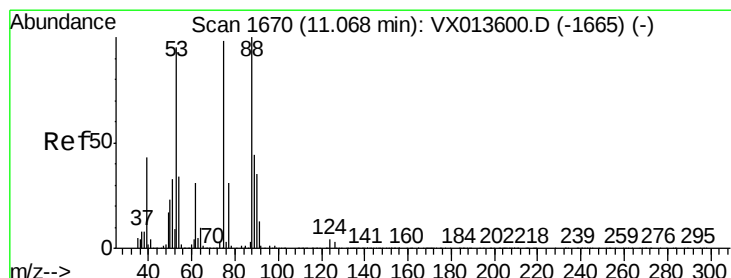
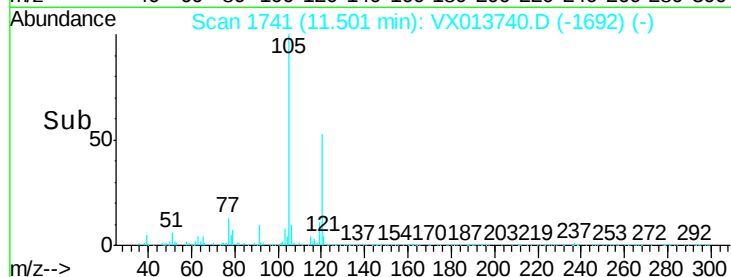
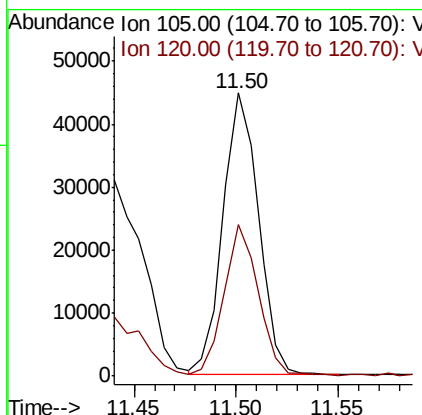
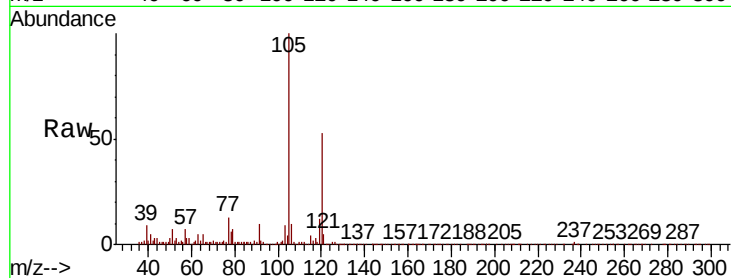




#80
 1,3,5-Trimethylbenzene
 Concen: 1.883 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX013740.D
 Acq: 03 Dec 2019 21:14

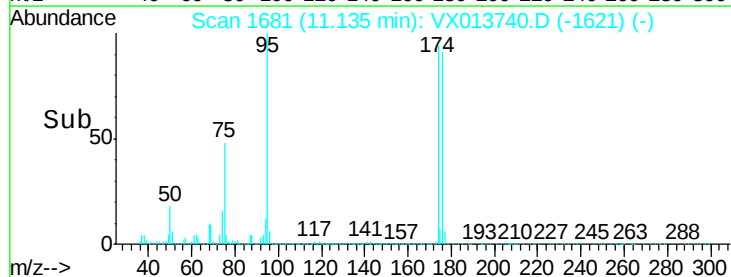
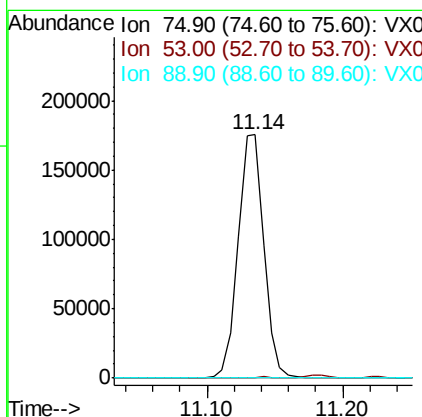
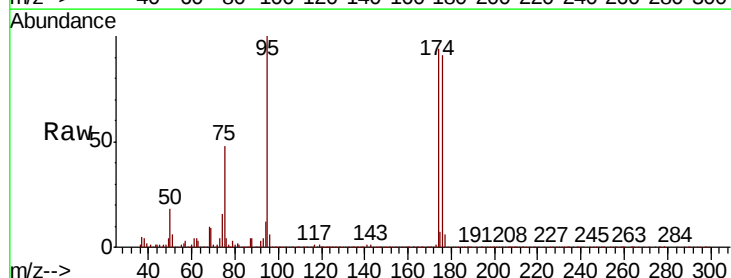
Instrument :
 MSVOA_X
 ClientSampleId :

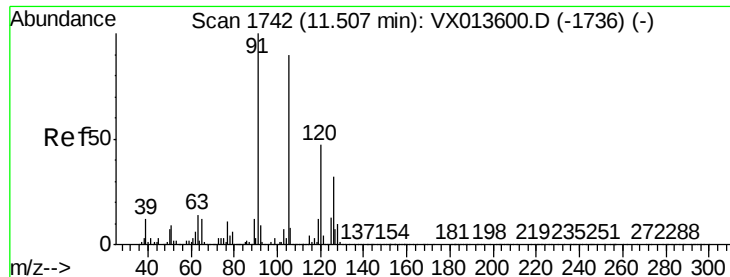
Tot Ion:105 Resp: 53908
 Ion Ratio Lower Upper
 105 100
 120 51.8 25.3 75.9



#81
 trans-1,4-Dichloro-2-butene
 Concen: 56.180 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. 0.07 min
 Lab File: VX013740.D
 Acq: 03 Dec 2019 21:14

Tgt Ion: 75 Resp: 229952
 Ion Ratio Lower Upper
 75 100
 53 0.3 78.2 117.2#
 89 0.0 35.4 53.2#

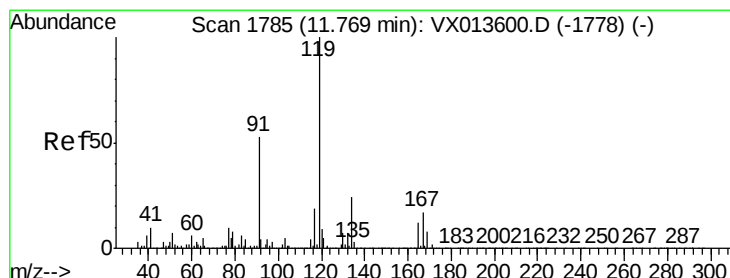
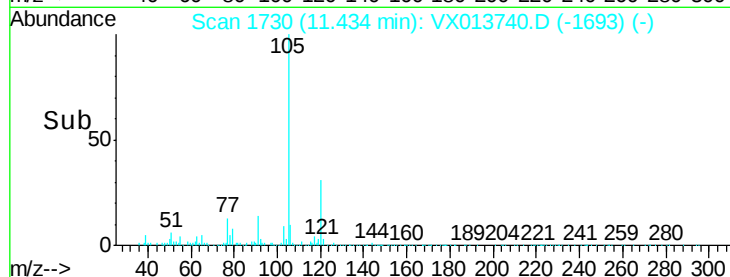
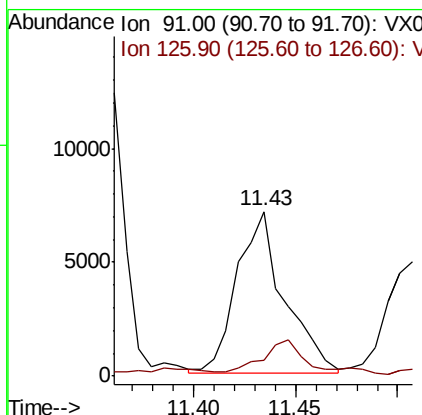
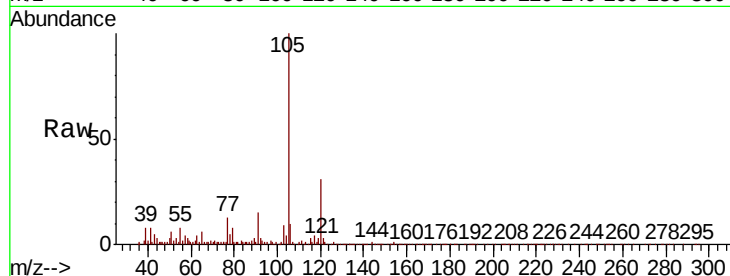




#82
4-Chlorotoluene
Concen: 0.423 ug/l
RT: 11.43 min Scan# 1730
Delta R.T. -0.07 min
Lab File: VX013740.D
Acq: 03 Dec 2019 21:14

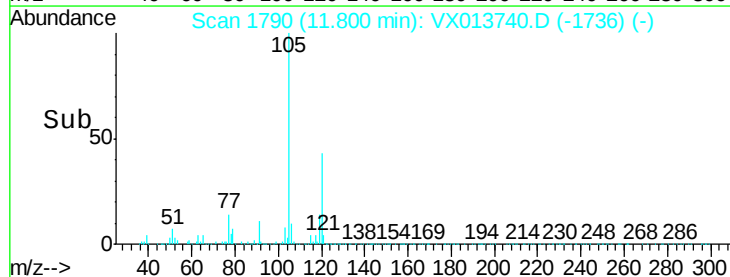
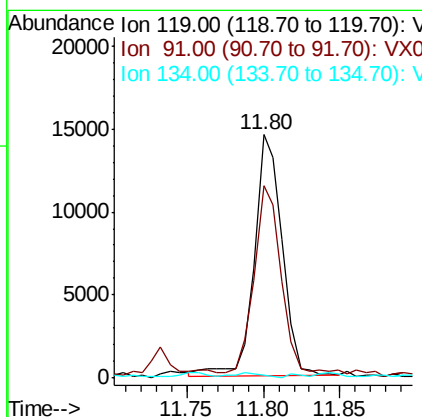
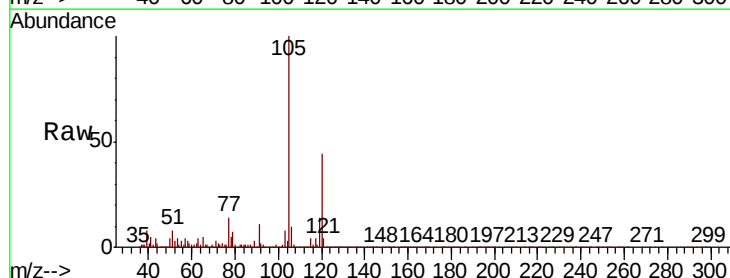
Instrument :
MSVOA_X
ClientSampleId :

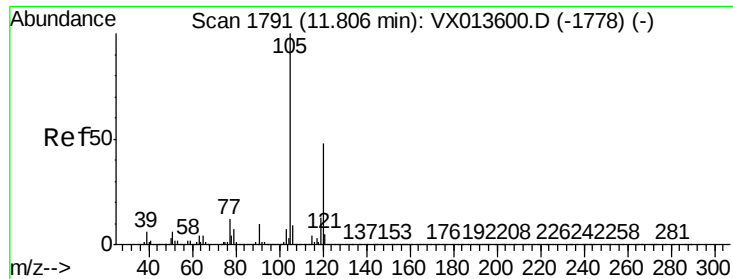
Tot Ion: 91 Resp: 11466
Ion Ratio Lower Upper
91 100
126 21.0 15.7 47.0



#83
tert-Butylbenzene
Concen: 0.637 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.03 min
Lab File: VX013740.D
Acq: 03 Dec 2019 21:14

Tgt Ion: 119 Resp: 18544
Ion Ratio Lower Upper
119 100
91 73.1 27.2 81.6
134 2.4 11.7 35.1#





#84

1,2,4-Trimethylbenzene

Concen: 4.987 ug/l

RT: 11.81 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX013740.D

Acq: 03 Dec 2019 21:14

Instrument :

MSVOA_X

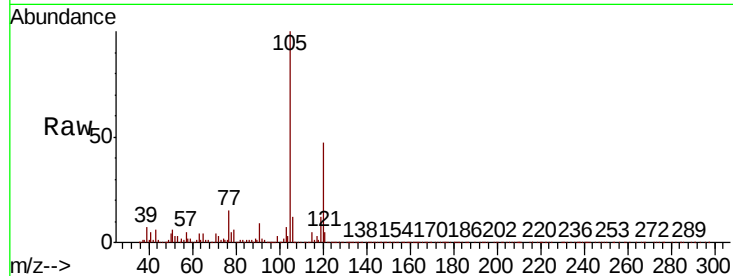
ClientSampleId :

Tot Ion:105 Resp: 144864

Ion Ratio Lower Upper

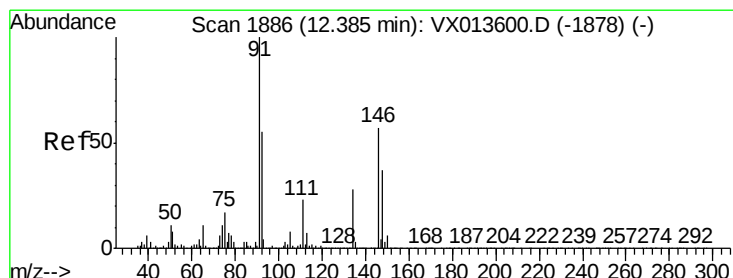
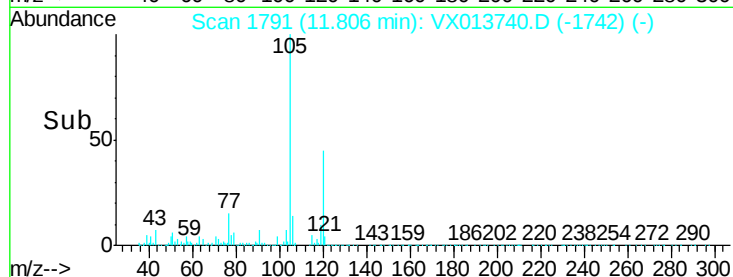
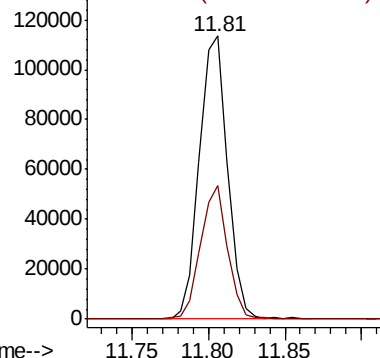
105 100

120 45.4 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#89

n-Butylbenzene

Concen: 0.238 ug/l

RT: 12.37 min Scan# 1883

Delta R.T. -0.02 min

Lab File: VX013740.D

Acq: 03 Dec 2019 21:14

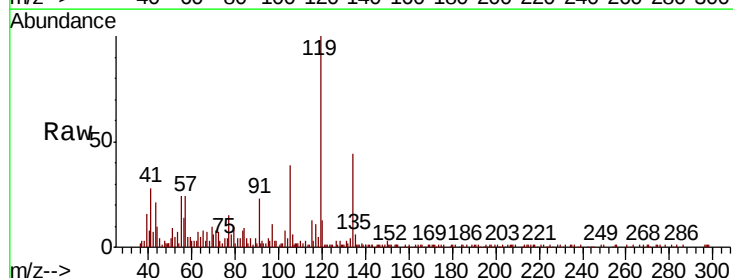
Tgt Ion: 91 Resp: 6282

Ion Ratio Lower Upper

91 100

92 33.4 27.4 82.2

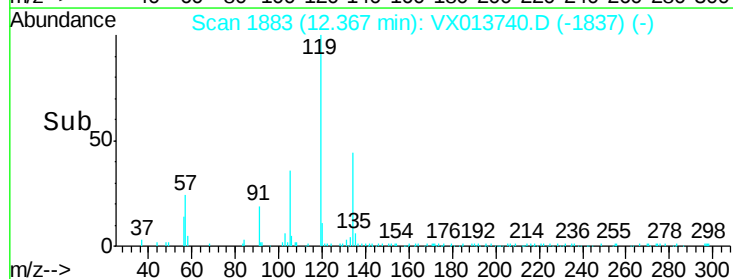
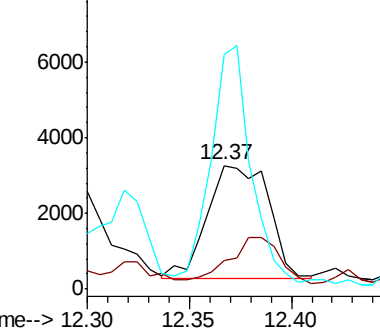
134 150.1 13.5 40.4#

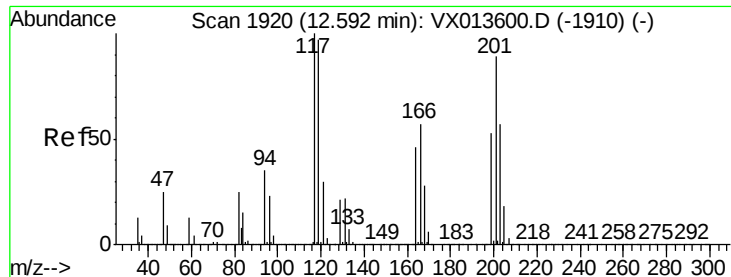


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 0.299 ug/l

RT: 12.58 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VX013740.D

Acq: 03 Dec 2019 21:14

Instrument :

MSVOA_X

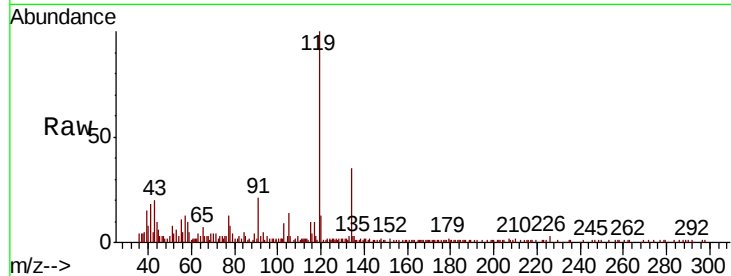
ClientSampleId :

Tot Ion:117 Resp: 1669

Ion Ratio Lower Upper

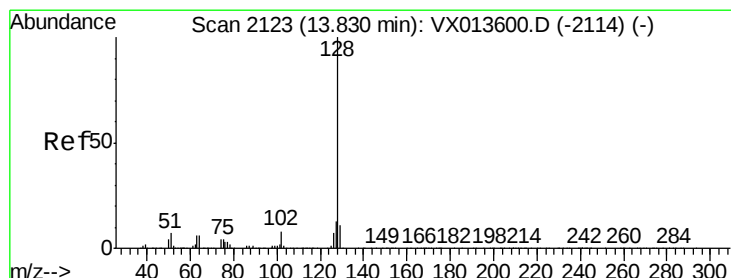
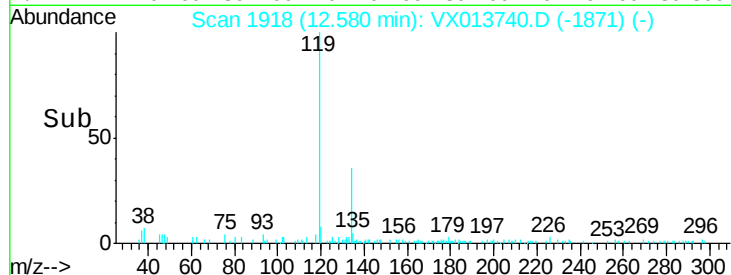
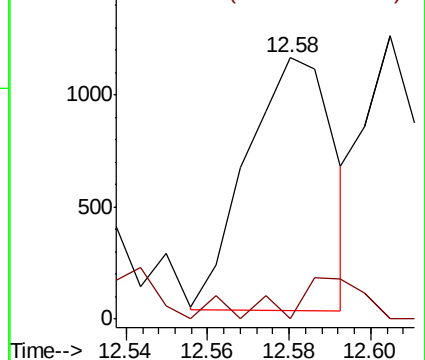
117 100

201 12.8 44.1 132.4#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#95

Naphthalene

Concen: 0.393 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX013740.D

Acq: 03 Dec 2019 21:14

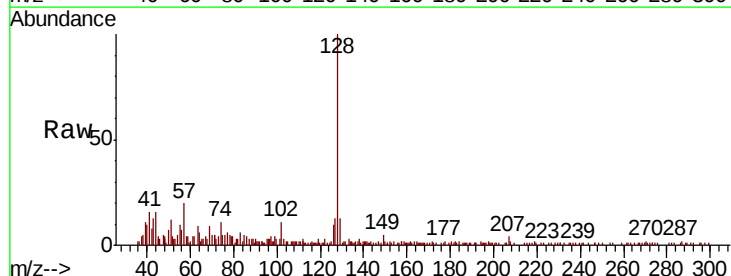
Tgt Ion:128 Resp: 13269

Ion Ratio Lower Upper

128 100

127 13.8 10.3 15.5

129 15.1 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

