

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120919\
 Data File : VX0137876.D
 Acq On : 10 Dec 2019 01:54
 Operator : JC/SP
 Sample : K6117-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 10 03:34:29 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	607863	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	932136	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	847026	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	379827	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	337969	47.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.80%	
35) Dibromofluoromethane	5.49	113	276174	47.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.86%	
50) Toluene-d8	8.71	98	1110782	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	
62) 4-Bromofluorobenzene	11.14	95	378709	46.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.56%	

Target Compounds

					Qvalue	
5) Bromomethane	1.64	94	1896	0.330	ug/l	86
8) Diethyl Ether	2.17	74	1414	0.329	ug/l	79
13) Acrolein	2.30	56	1300	7.093	ug/l #	25
15) Acrylonitrile	3.13	53	766	0.213	ug/l #	67
16) Acetone	2.43	43	34428	9.883	ug/l	91
18) Methyl Acetate	2.76	43	7438	0.767	ug/l #	84
20) Methylene Chloride	2.85	84	835652	124.862	ug/l	98
25) 2-Butanone	4.67	43	8287	1.601	ug/l	94
29) Tetrahydrofuran	5.14	42	868	0.272	ug/l #	32
30) Chloroform	5.21	83	8236	0.735	ug/l	92
36) 1,1-Dichloropropene	5.65	75	40816	4.824	ug/l #	51
38) Carbon Tetrachloride	5.65	117	52718	6.757	ug/l #	16
40) Benzene	6.14	78	18968	0.736	ug/l	96
43) Isopropyl Acetate	6.43	43	138850	8.885	ug/l	99
44) Trichloroethene	7.21	130	2477	0.350	ug/l	34
46) Dibromomethane	7.65	93	1111	0.254	ug/l #	45
47) Bromodichloromethane	7.89	83	2589	0.313	ug/l #	60
48) Methyl methacrylate	7.68	41	8034	1.058	ug/l #	22
49) 1,4-Dioxane	7.73	88	292	1.718	ug/l #	1
51) 4-Methyl-2-Pentanone	8.61	43	132777	13.507	ug/l #	51
52) Toluene	8.78	92	12417	0.776	ug/l	91
54) cis-1,3-Dichloropropene	8.61	75	59513	5.781	ug/l #	58
59) 2-Hexanone	9.43	43	159206	20.766	ug/l #	23
64) Tetrachloroethene	9.33	164	1785	0.283	ug/l #	93
67) Ethyl Benzene	10.25	91	37616	1.245	ug/l	100
68) m/p-Xylenes	10.35	106	52872	4.570	ug/l	98
69) o-Xylene	10.70	106	21250	1.883	ug/l	94
70) Styrene	10.71	104	5990	0.316	ug/l #	63
74) N-amyl acetate	10.82	43	6483	0.531	ug/l #	45
76) 1,2,3-Trichloropropane	11.14	75	185682	21.735	ug/l #	38
78) n-propylbenzene	11.35	91	11103	0.373	ug/l	86
79) 2-Chlorotoluene	11.43	91	8545	0.479	ug/l #	59
80) 1,3,5-Trimethylbenzene	11.50	105	38654	1.770	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.14	75	185682	59.463	ug/l #	11

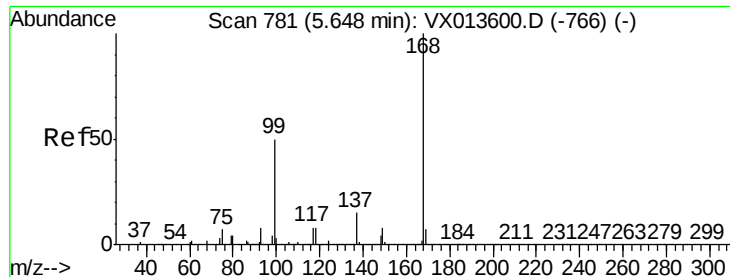
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120919\
 Data File : VX0137876.D
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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) tert-Butylbenzene	12.02	119	5934	0.267	ug/l	80
84) 1,2,4-Trimethylbenzene	11.81	105	157902	7.125	ug/l	98
85) sec-Butylbenzene	11.81	105	157902	6.229	ug/l #	56
86) p-Isopropyltoluene	12.06	119	4967	0.211	ug/l #	63
89) n-Butylbenzene	12.37	91	7103	0.353	ug/l #	14
90) Hexachloroethane	12.58	117	1754	0.411	ug/l #	16
95) Naphthalene	13.83	128	265918	10.335	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX0137876.D

Acq: 10 Dec 2019 01:54

Instrument :

MSVOA_X

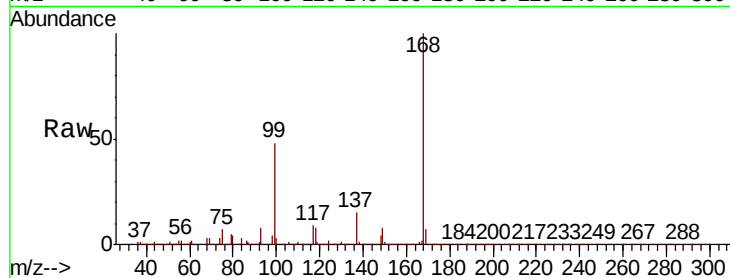
ClientSampleId :

Tot Ion:168 Resp: 607863

Ion Ratio Lower Upper

168 100

99 47.8 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

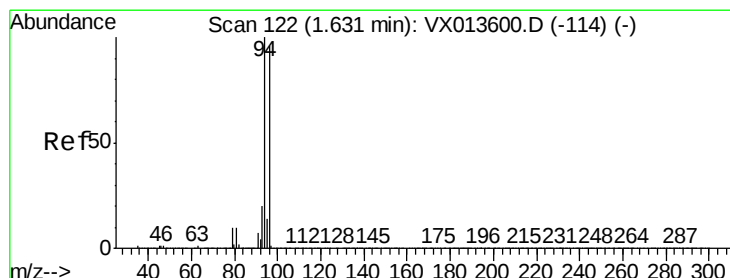
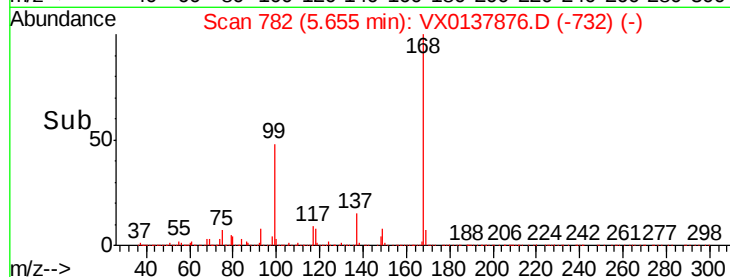
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.330 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX0137876.D

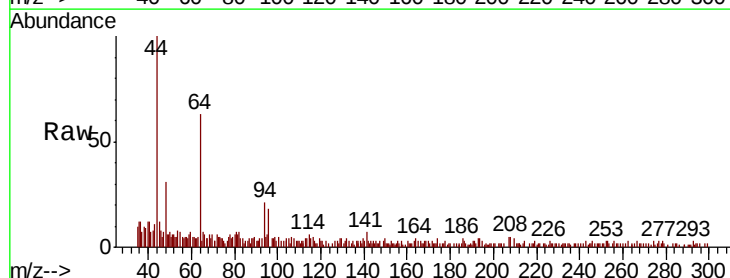
Acq: 10 Dec 2019 01:54

Tgt Ion: 94 Resp: 1896

Ion Ratio Lower Upper

94 100

96 82.1 77.0 115.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1500

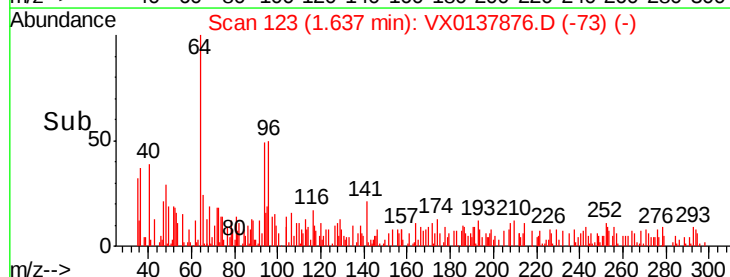
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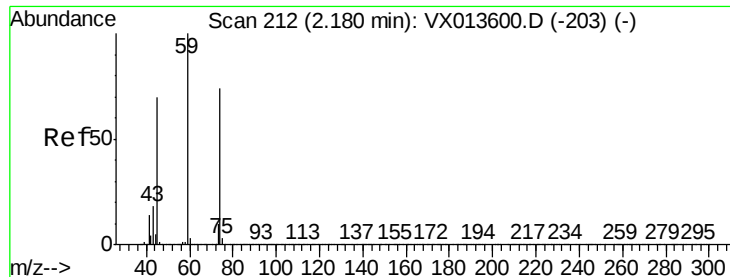
500

0

Time-->

1.60 1.65 1.70





#8

Diethyl Ether

Concen: 0.329 ug/l

RT: 2.17 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX0137876.D

Acq: 10 Dec 2019 01:54

Instrument :

MSVOA_X

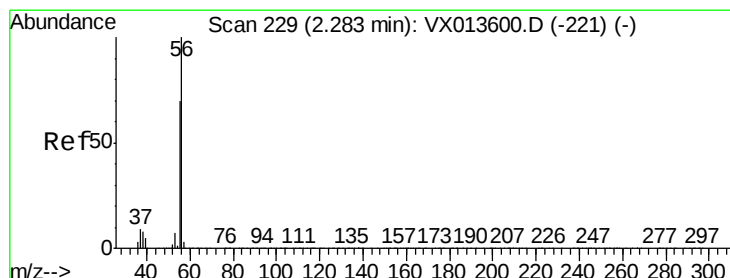
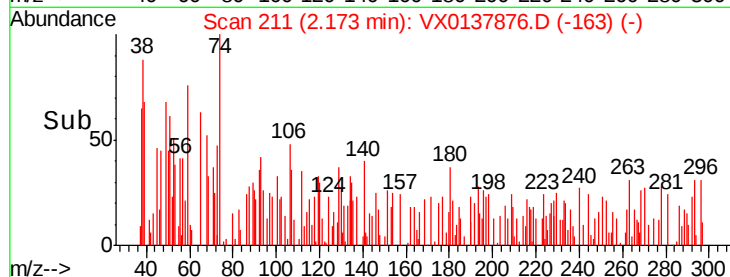
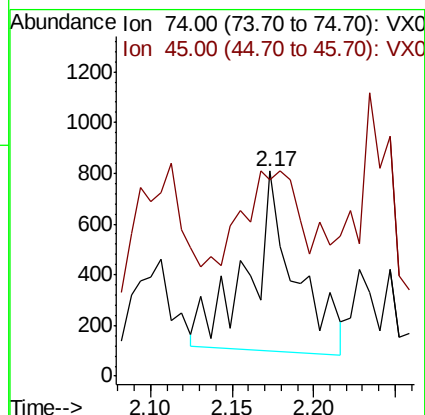
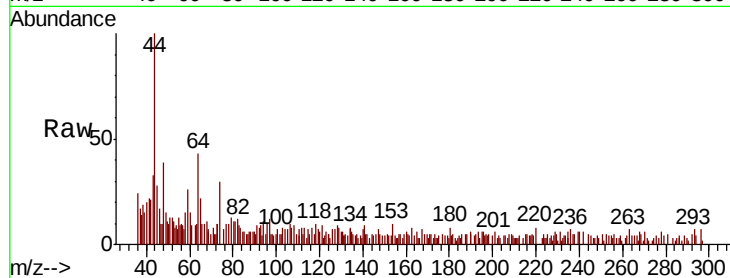
ClientSampleId :

Tot Ion: 74 Resp: 1414

Ion Ratio Lower Upper

74 100

45 77.3 48.9 146.8



#13

Acrolein

Concen: 7.093 ug/l

RT: 2.30 min Scan# 231

Delta R.T. 0.01 min

Lab File: VX0137876.D

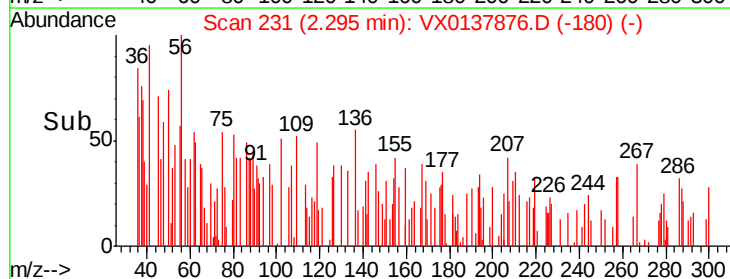
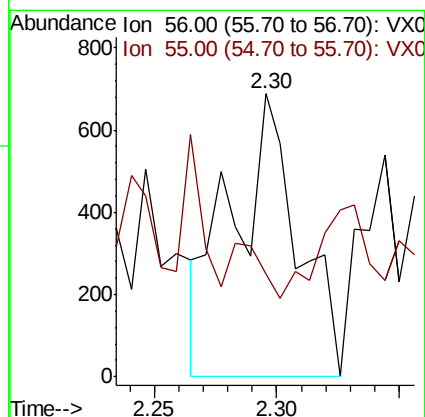
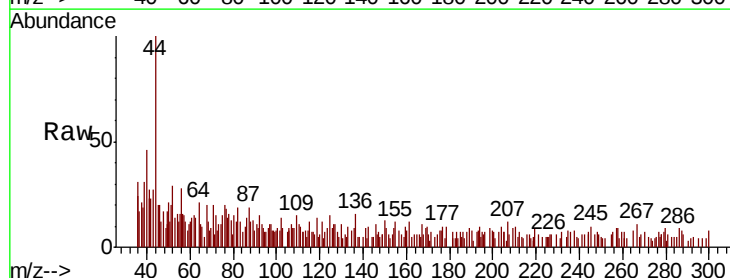
Acq: 10 Dec 2019 01:54

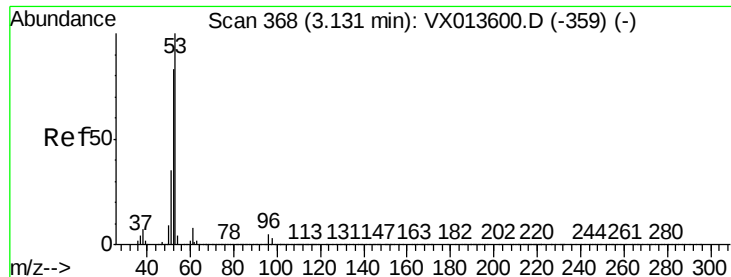
Tgt Ion: 56 Resp: 1300

Ion Ratio Lower Upper

56 100

55 8.9 56.2 84.4#





#15

Acrylonitrile

Concen: 0.213 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX0137876.D

Acq: 10 Dec 2019 01:54

Instrument :

MSVOA_X

ClientSampled :

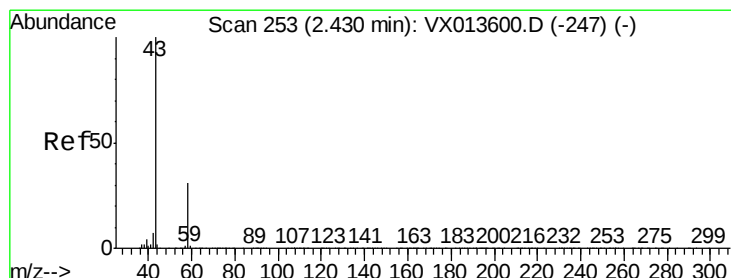
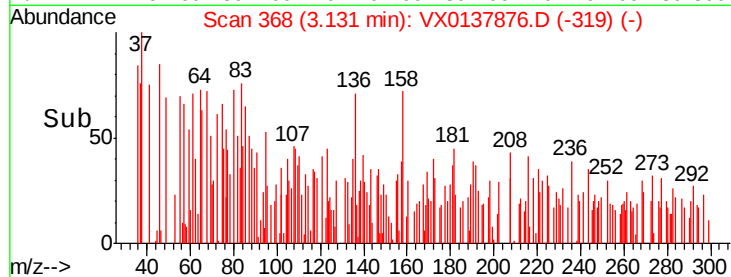
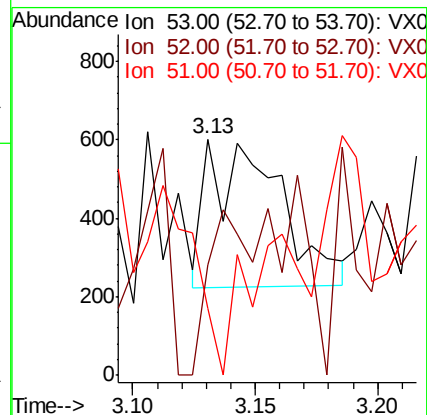
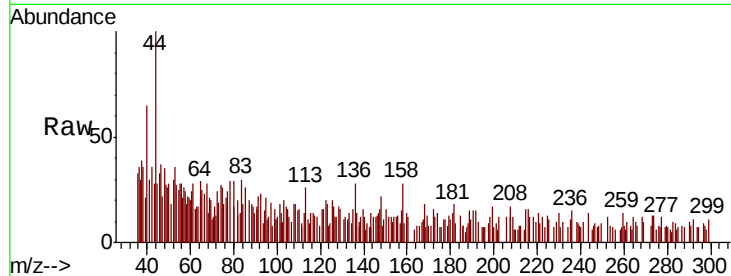
Tot Ion: 53 Resp: 766

Ion Ratio Lower Upper

53 100

52 64.6 66.2 99.2#

51 0.0 29.0 43.6#



#16

Acetone

Concen: 9.883 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX0137876.D

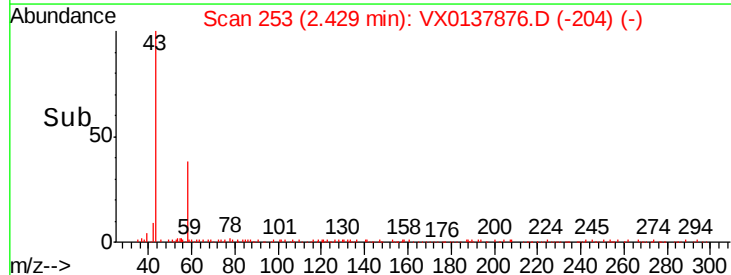
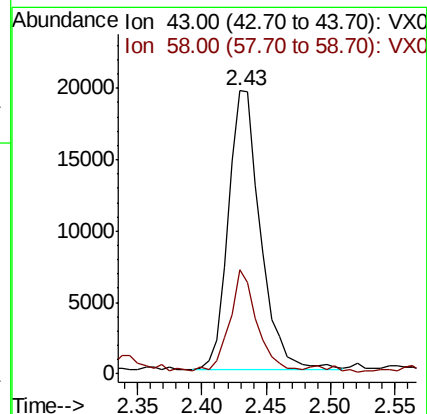
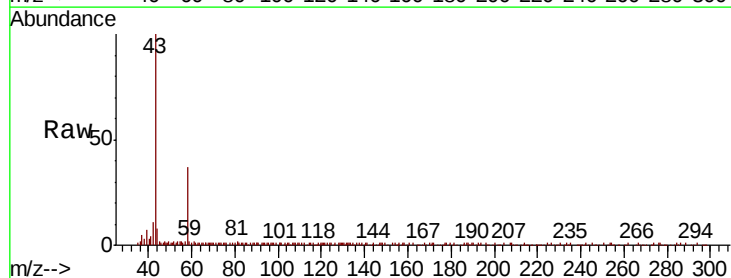
Acq: 10 Dec 2019 01:54

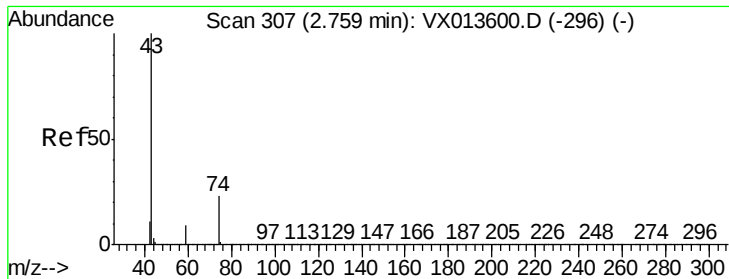
Tgt Ion: 43 Resp: 34428

Ion Ratio Lower Upper

43 100

58 35.8 24.6 36.8

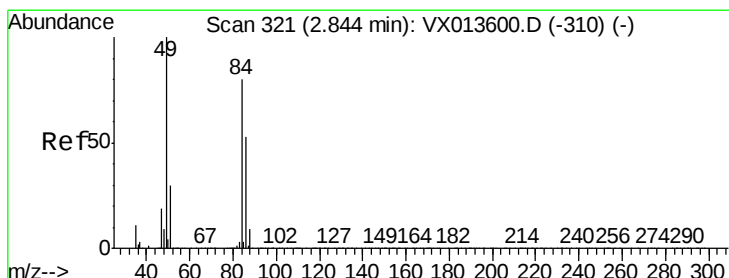
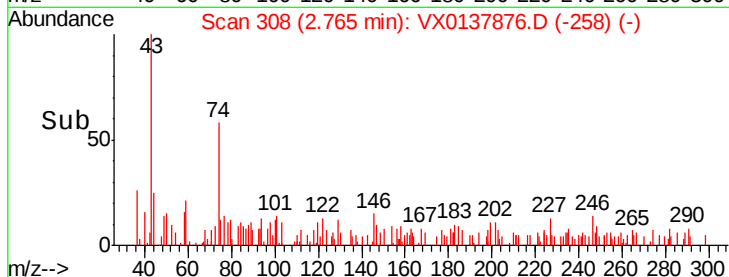
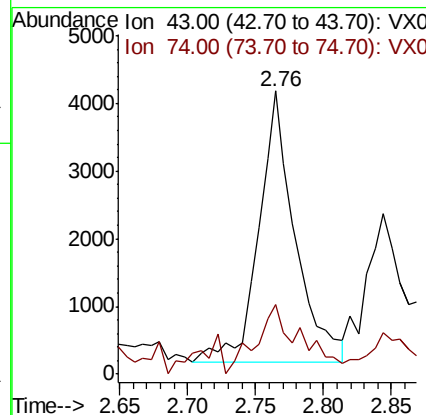
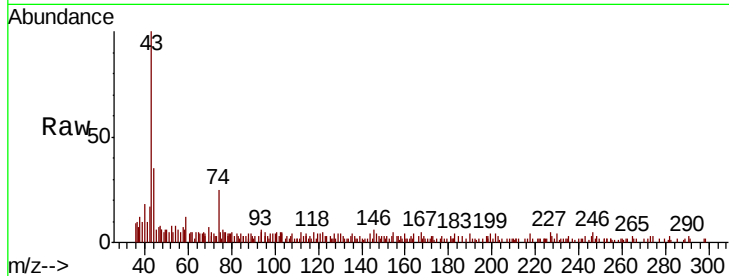




#18
Methyl Acetate
Concen: 0.767 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.01 min
Lab File: VX0137876.D
Acq: 10 Dec 2019 01:54

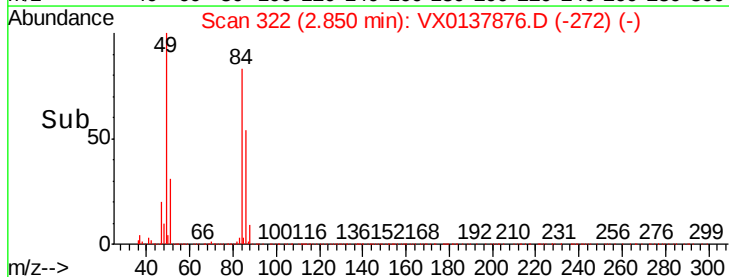
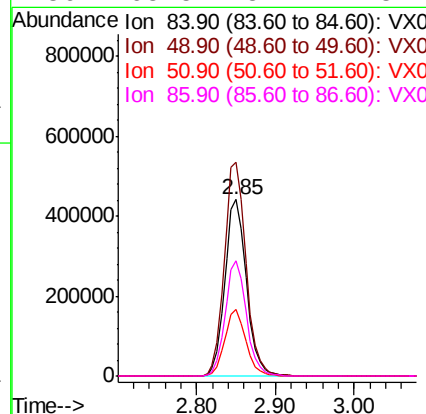
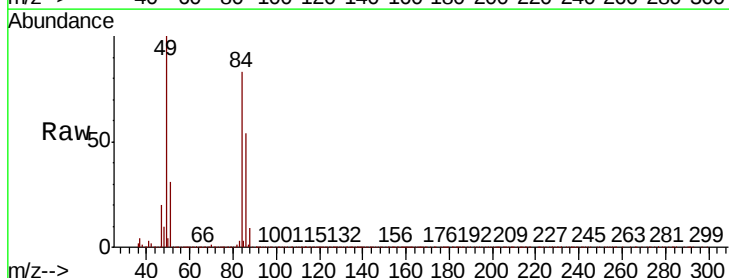
Instrument :
MSVOA_X
ClientSampleId :

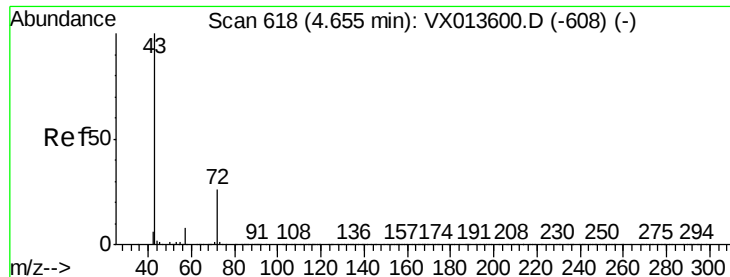
Tot Ion: 43 Resp: 7438
Ion Ratio Lower Upper
43 100
74 32.4 19.5 29.3#



#20
Methylene Chloride
Concen: 124.862 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX0137876.D
Acq: 10 Dec 2019 01:54

Tgt Ion: 84 Resp: 835652
Ion Ratio Lower Upper
84 100
49 121.1 99.7 149.5
51 37.5 29.9 44.9
86 65.5 52.2 78.4

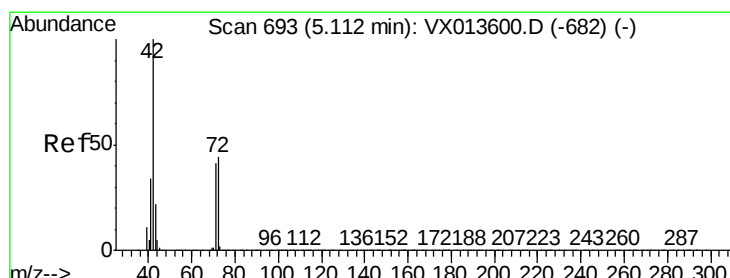
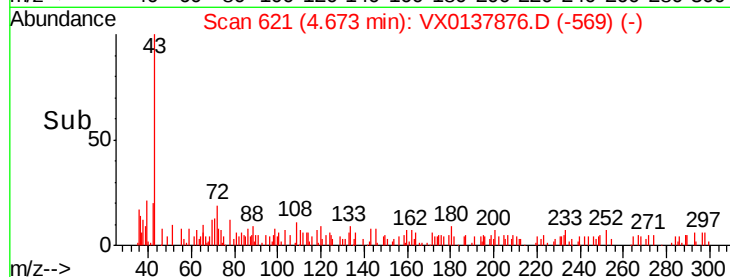
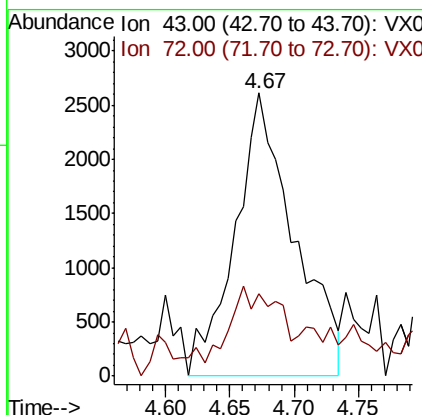
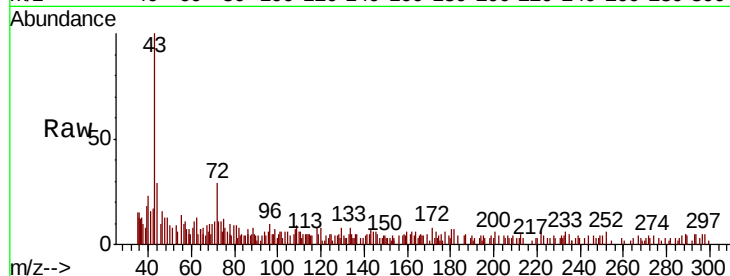




#25
2-Butanone
Concen: 1.601 ug/l
RT: 4.67 min Scan# 621
Delta R.T. 0.02 min
Lab File: VX0137876.D
Acq: 10 Dec 2019 01:54

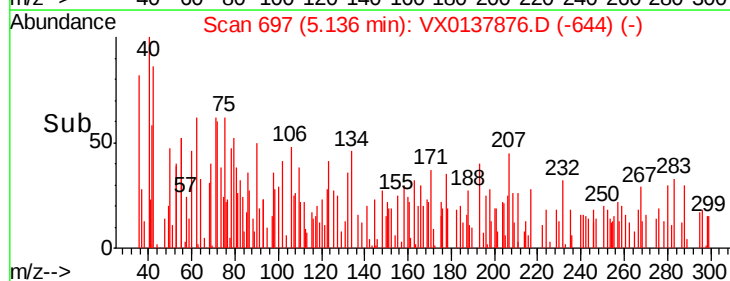
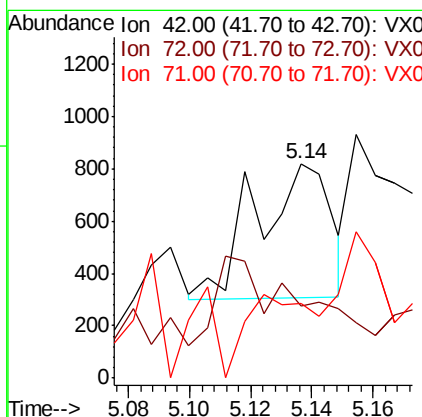
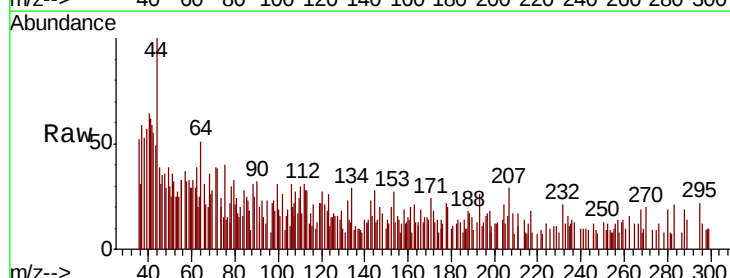
Instrument :
MSVOA_X
ClientSampleId :

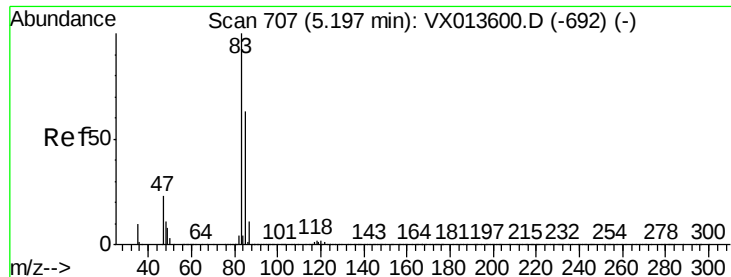
Tot Ion: 43 Resp: 8287
Ion Ratio Lower Upper
43 100
72 22.8 20.6 31.0



#29
Tetrahydrofuran
Concen: 0.272 ug/l
RT: 5.14 min Scan# 697
Delta R.T. 0.02 min
Lab File: VX0137876.D
Acq: 10 Dec 2019 01:54

Tgt Ion: 42 Resp: 868
Ion Ratio Lower Upper
42 100
72 0.0 36.3 54.5#
71 0.0 33.2 49.8#

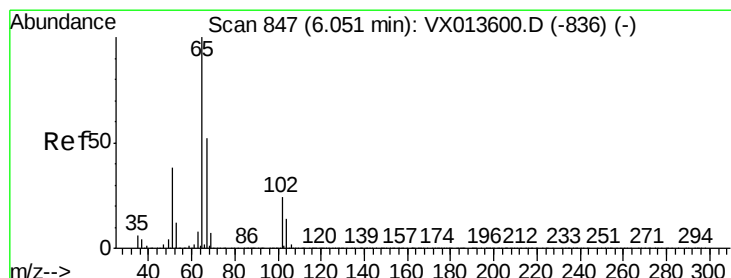
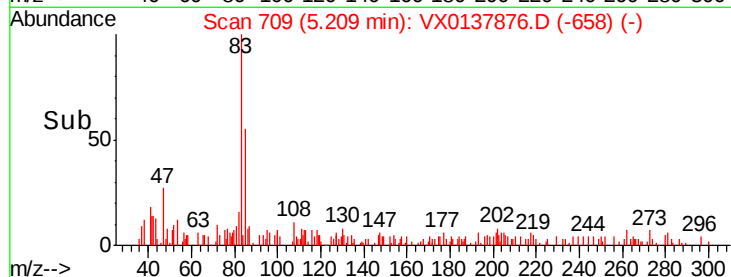
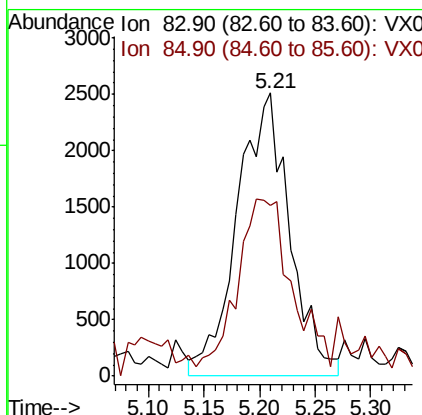
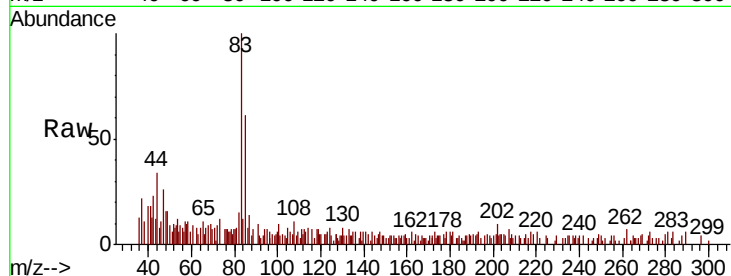




#30
Chloroform
Concen: 0.735 ug/l
RT: 5.21 min Scan# 709
Delta R.T. 0.01 min
Lab File: VX0137876.D
Acq: 10 Dec 2019 01:54

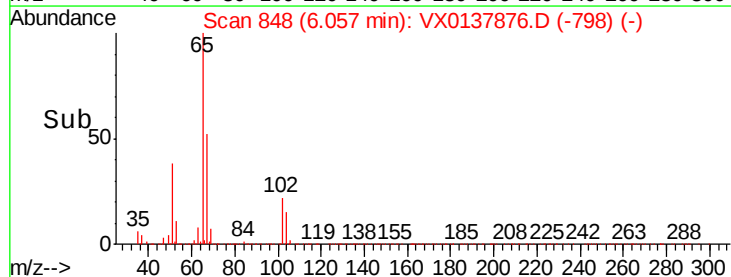
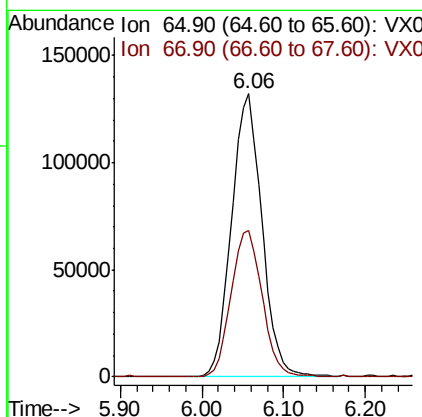
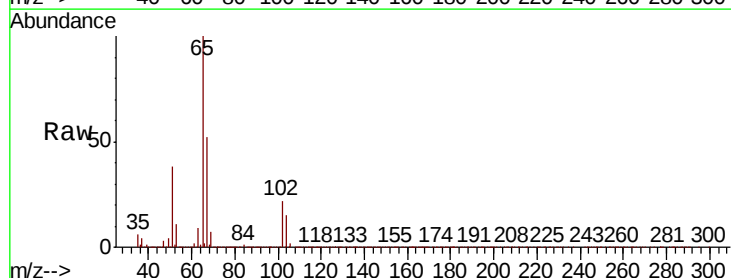
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MSVOA_X
ClientSampled :

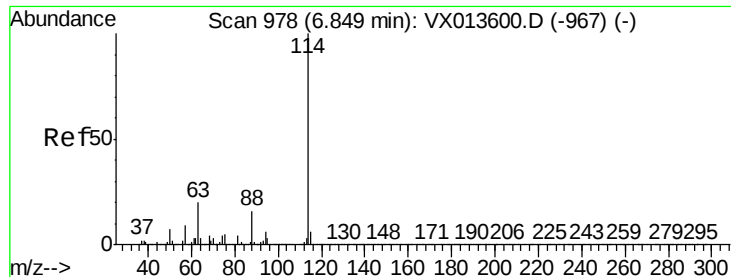
Tot Ion: 83 Resp: 8236
Ion Ratio Lower Upper
83 100
85 56.5 50.2 75.4



#33
1,2-Dichloroethane-d4
Concen: 47.899 ug/l
RT: 6.06 min Scan# 848
Delta R.T. 0.01 min
Lab File: VX0137876.D
Acq: 10 Dec 2019 01:54

Tgt Ion: 65 Resp: 337969
Ion Ratio Lower Upper
65 100
67 52.9 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX0137876.D

Acq: 10 Dec 2019 01:54

Instrument :

MSVOA_X

ClientSampled :

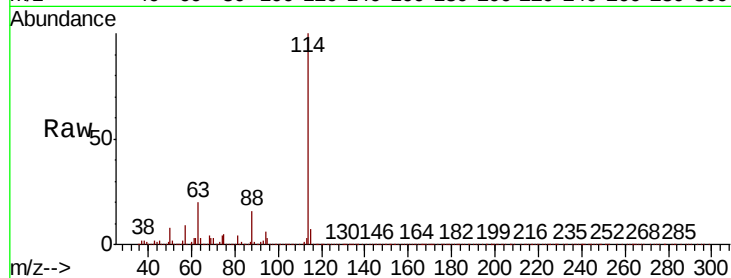
Tot Ion:114 Resp: 932136

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.6

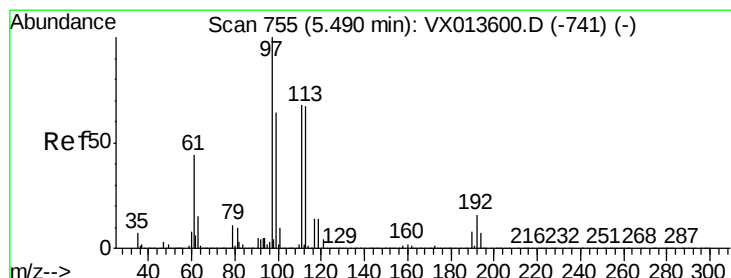
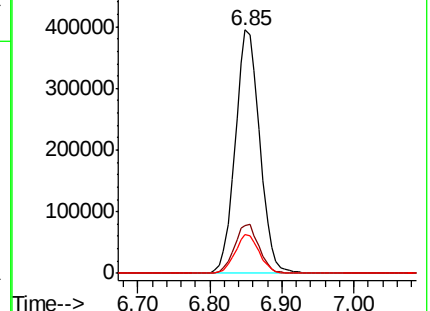
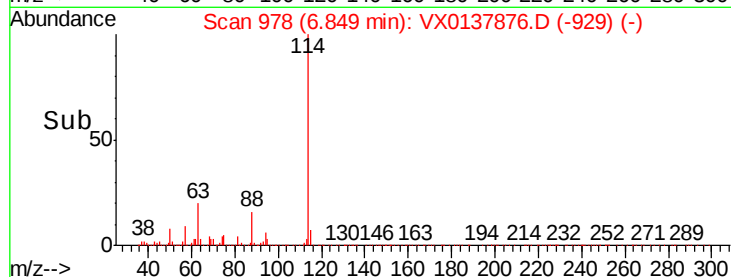
88 15.7 0.0 31.4



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



#35

Dibromofluoromethane

Concen: 47.925 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX0137876.D

Acq: 10 Dec 2019 01:54

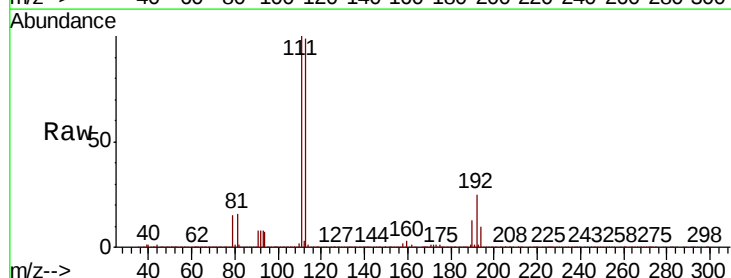
Tgt Ion:113 Resp: 276174

Ion Ratio Lower Upper

113 100

111 101.7 83.6 125.4

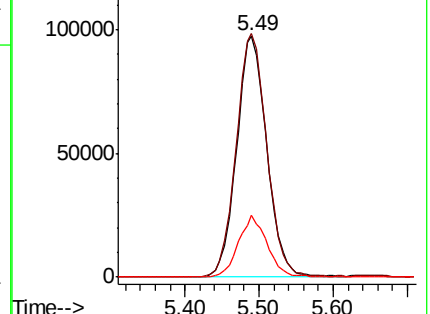
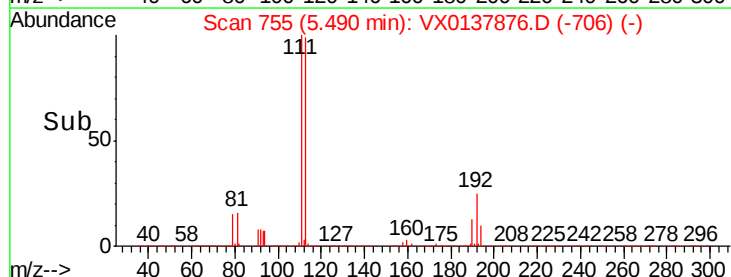
192 24.5 19.2 28.8

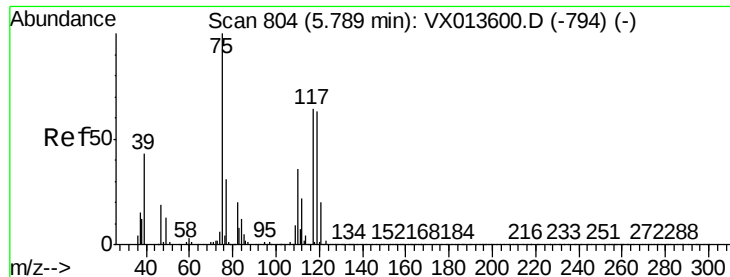


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.824 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.13 min

Lab File: VX0137876.D

Acq: 10 Dec 2019 01:54

Instrument :

MSVOA_X

ClientSampleId :

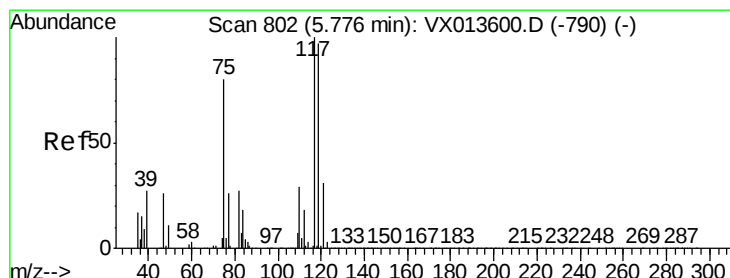
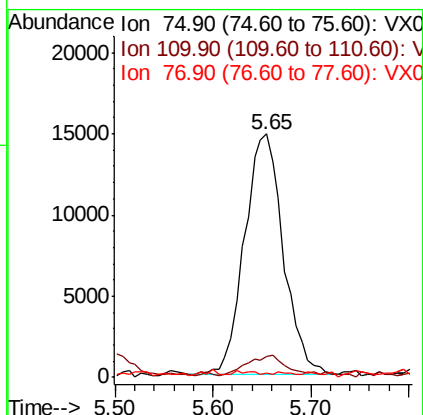
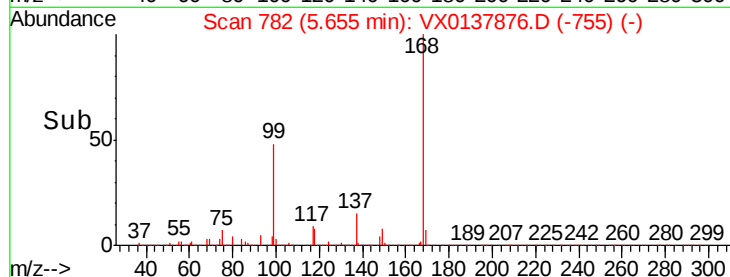
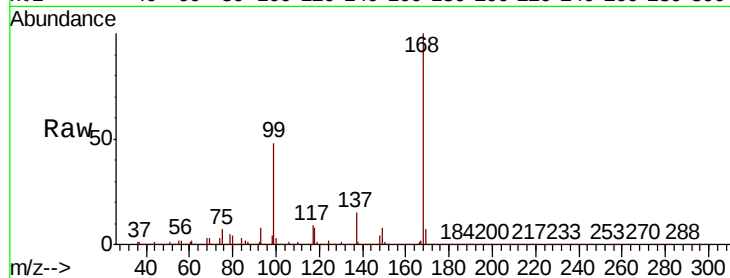
Tot Ion: 75 Resp: 40816

Ion Ratio Lower Upper

75 100

110 11.1 18.1 54.1#

77 0.0 24.5 36.7#



#38

Carbon Tetrachloride

Concen: 6.757 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.12 min

Lab File: VX0137876.D

Acq: 10 Dec 2019 01:54

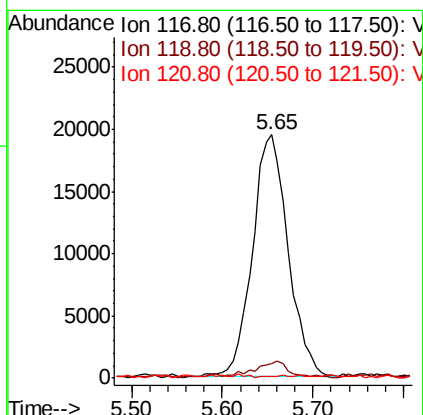
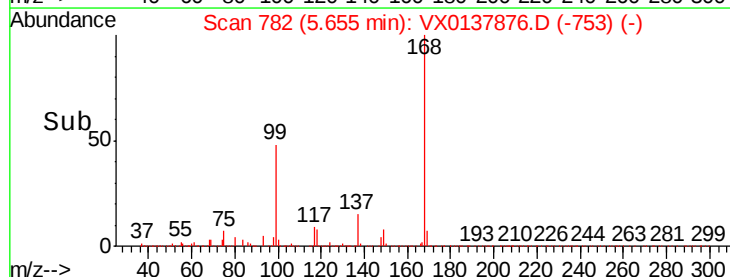
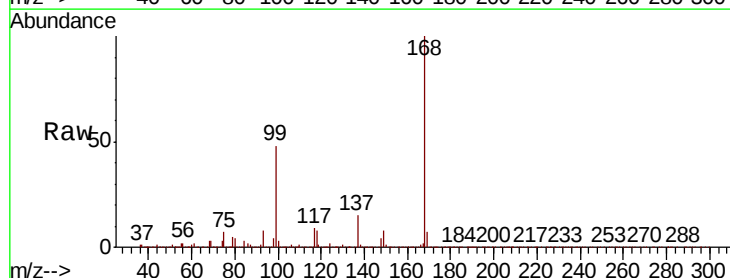
Tgt Ion: 117 Resp: 52718

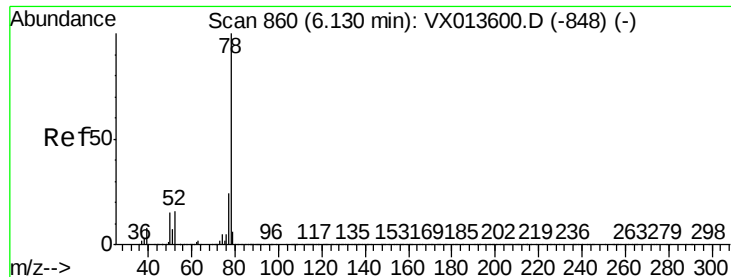
Ion Ratio Lower Upper

117 100

119 6.1 77.5 116.3#

121 0.2 25.0 37.6#





#40

Benzene

Concen: 0.736 ug/l

RT: 6.14 min Scan# 861

Delta R.T. 0.01 min

Lab File: VX0137876.D

Acq: 10 Dec 2019 01:54

Instrument :

MSVOA_X

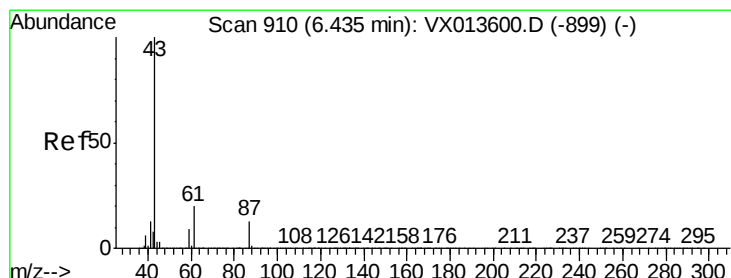
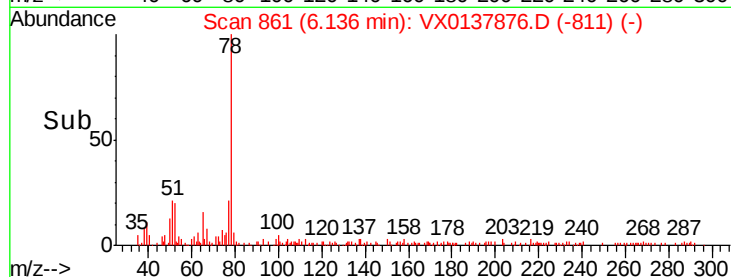
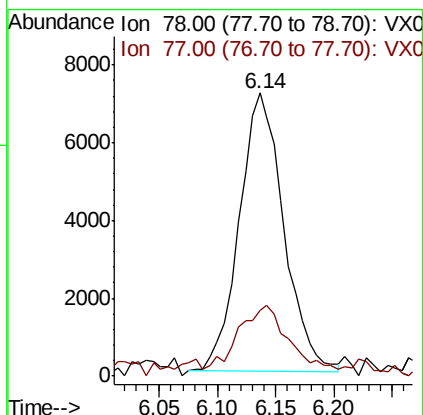
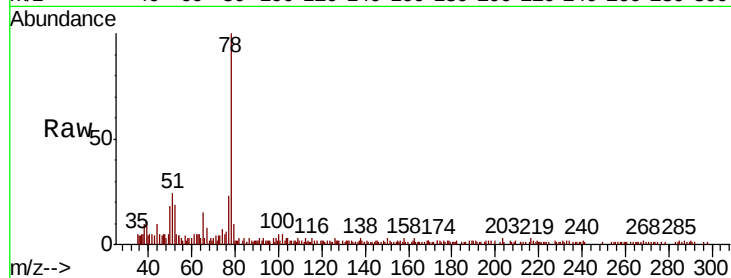
ClientSampleId :

Tot Ion: 78 Resp: 18968

Ion Ratio Lower Upper

78 100

77 21.6 19.0 28.4



#43

Isopropyl Acetate

Concen: 8.885 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX0137876.D

Acq: 10 Dec 2019 01:54

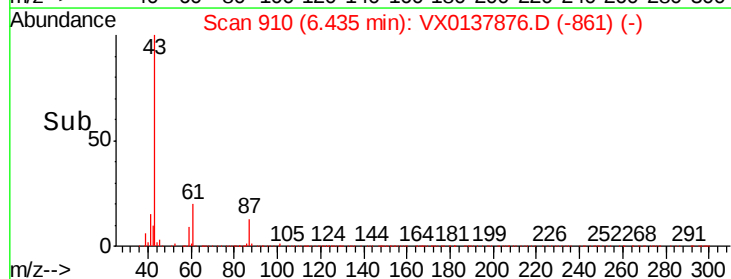
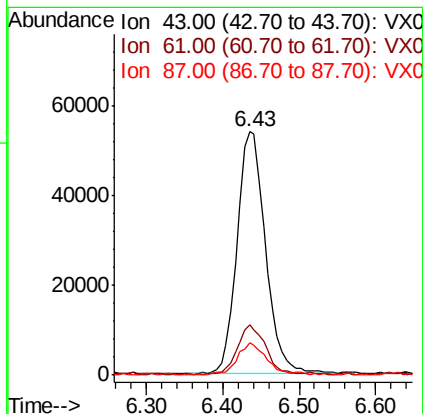
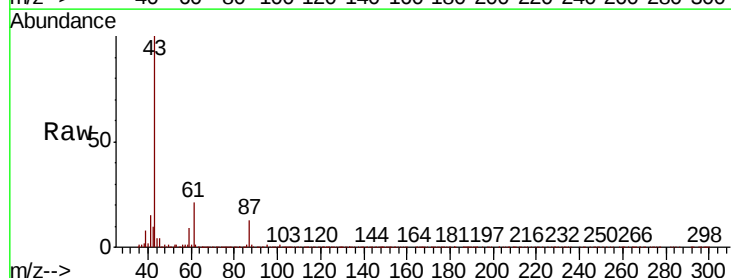
Tgt Ion: 43 Resp: 138850

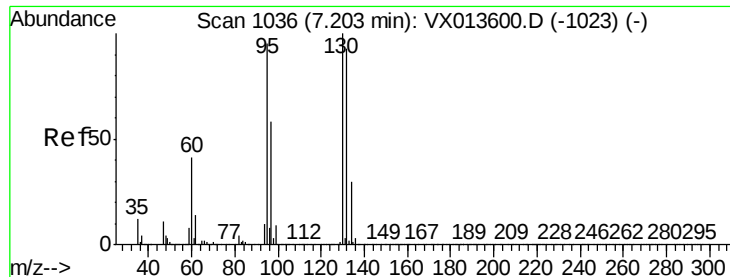
Ion Ratio Lower Upper

43 100

61 20.0 16.3 24.5

87 13.5 10.8 16.2





#44

Trichloroethene

Concen: 0.350 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX0137876.D

Acq: 10 Dec 2019 01:54

Instrument :

MSVOA_X

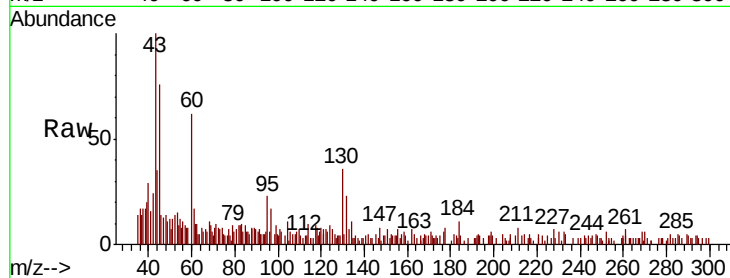
ClientSampled :

Tot Ion:130 Resp: 2477

Ion Ratio Lower Upper

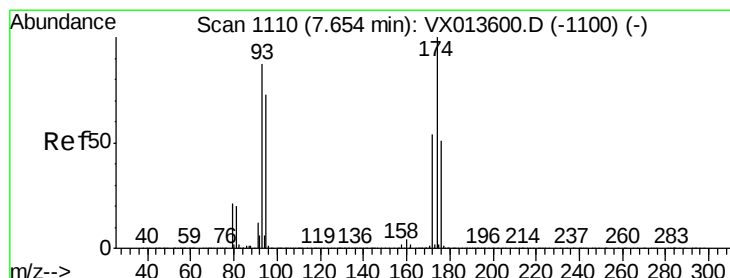
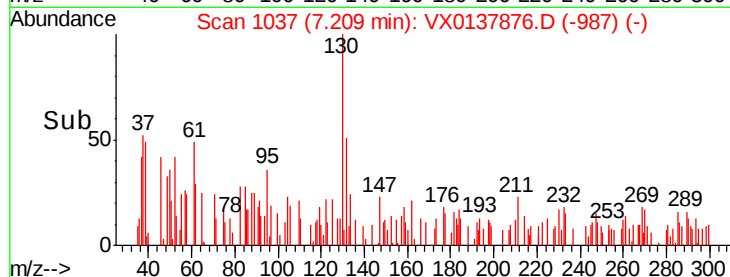
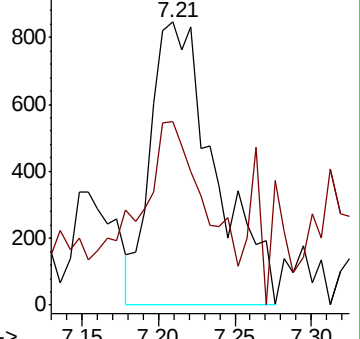
130 100

95 31.5 0.0 190.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#46

Dibromomethane

Concen: 0.254 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX0137876.D

Acq: 10 Dec 2019 01:54

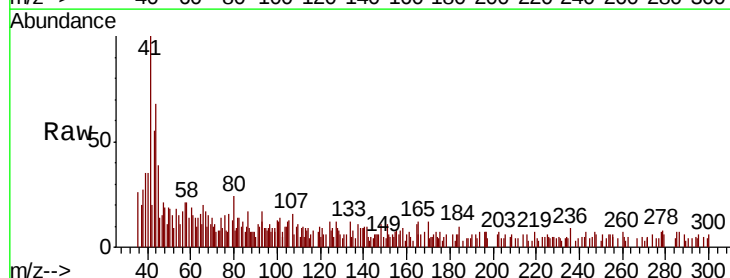
Tgt Ion: 93 Resp: 1111

Ion Ratio Lower Upper

93 100

95 38.9 66.2 99.2#

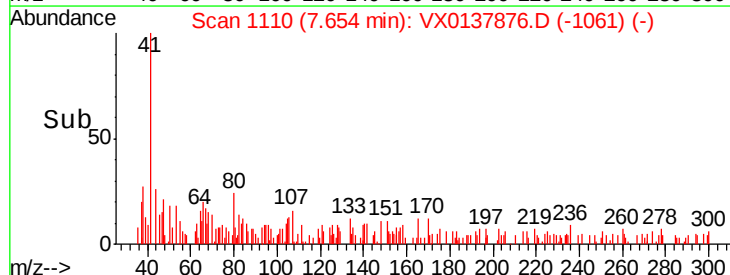
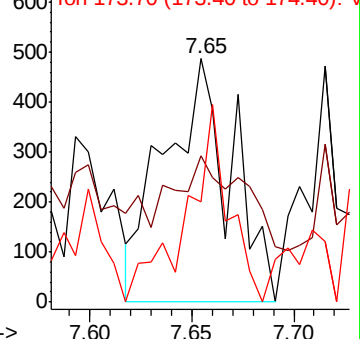
174 50.9 93.4 140.0#

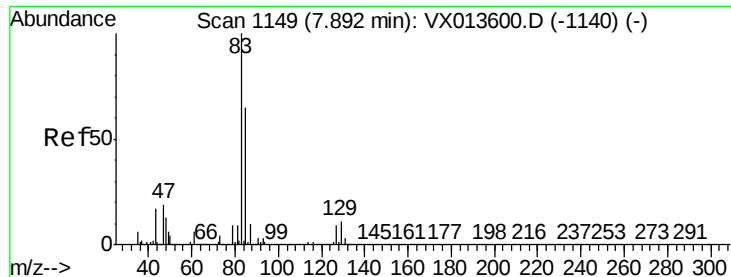


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 0.313 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX0137876.D

Acq: 10 Dec 2019 01:54

Instrument :

MSVOA_X

ClientSampleId :

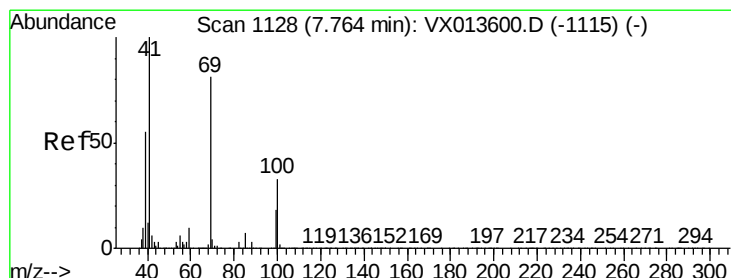
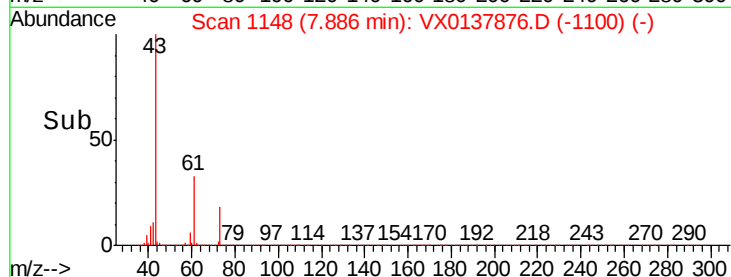
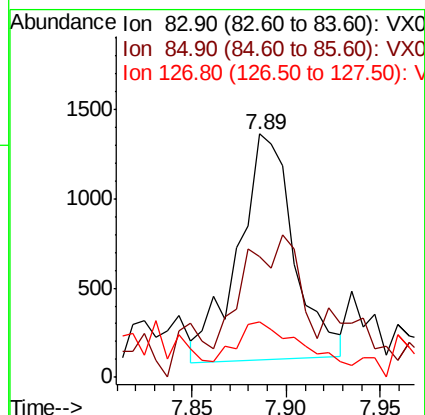
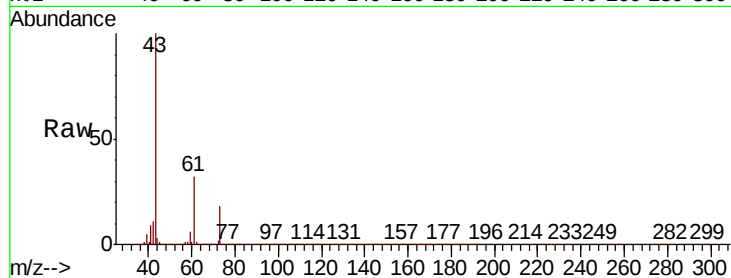
Tot Ion: 83 Resp: 2589

Ion Ratio Lower Upper

83 100

85 32.6 52.1 78.1#

127 19.6 7.0 10.4#



#48

Methyl methacrylate

Concen: 1.058 ug/l

RT: 7.68 min Scan# 1114

Delta R.T. -0.09 min

Lab File: VX0137876.D

Acq: 10 Dec 2019 01:54

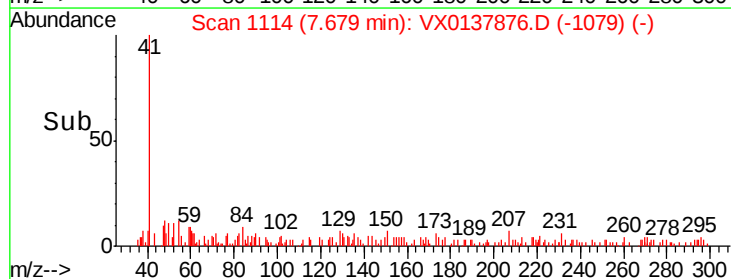
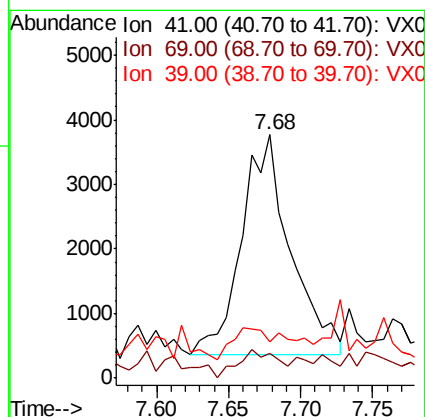
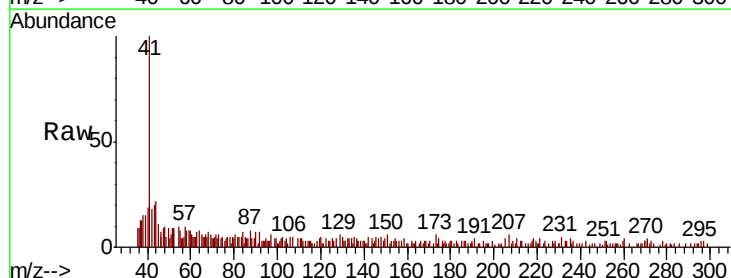
Tgt Ion: 41 Resp: 8034

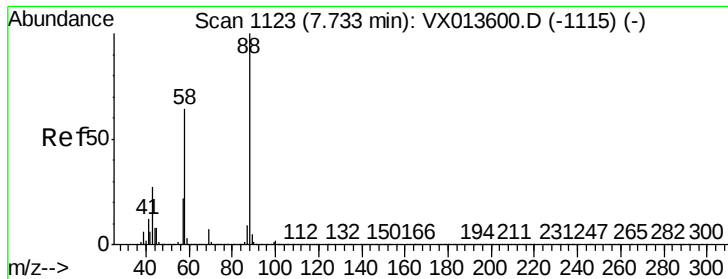
Ion Ratio Lower Upper

41 100

69 10.3 64.7 97.1#

39 0.0 43.8 65.6#





#49

1,4-Dioxane

Concen: 1.718 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VX0137876.D

Acq: 10 Dec 2019 01:54

Instrument :

MSVOA_X

ClientSampleId :

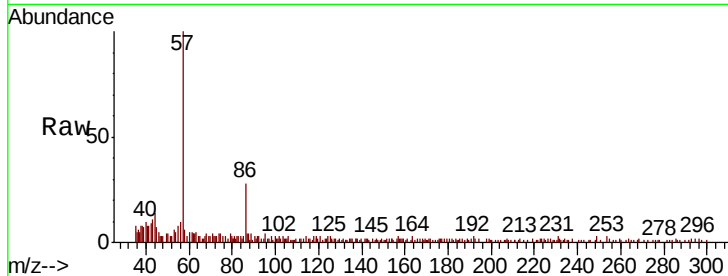
Tot Ion: 88 Resp: 292

Ion Ratio Lower Upper

88 100

43 0.0 25.8 38.6#

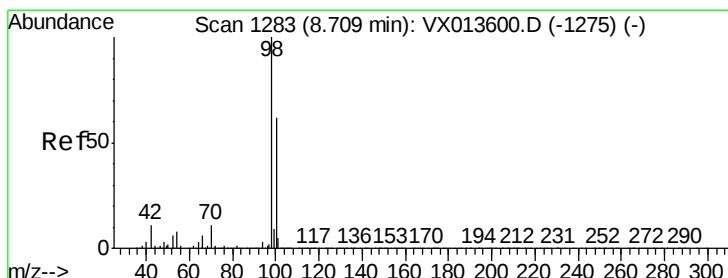
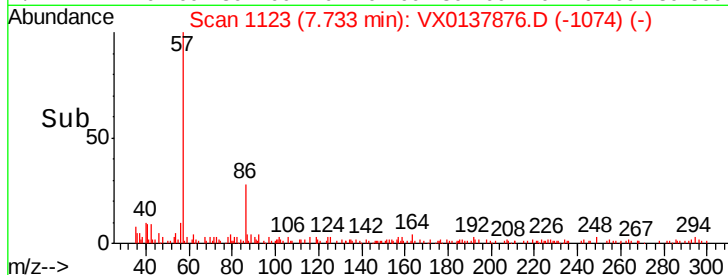
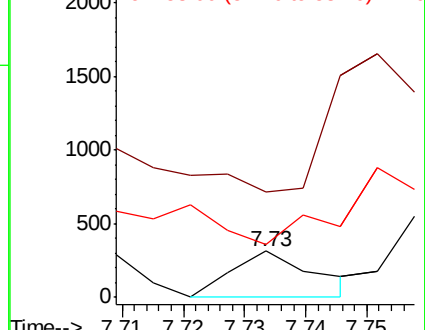
58 204.5 54.6 82.0#



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: 49.474 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX0137876.D

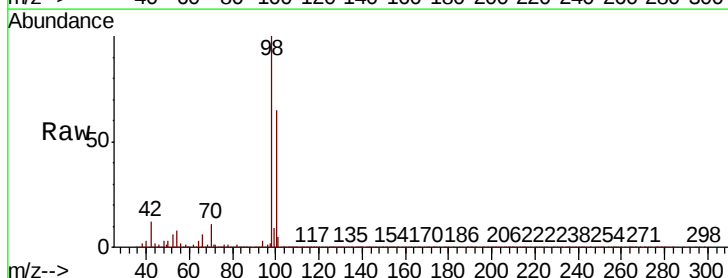
Acq: 10 Dec 2019 01:54

Tgt Ion: 98 Resp: 1110782

Ion Ratio Lower Upper

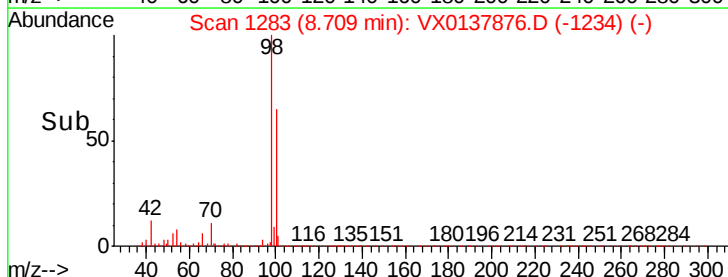
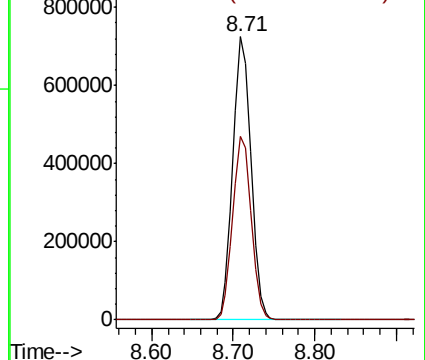
98 100

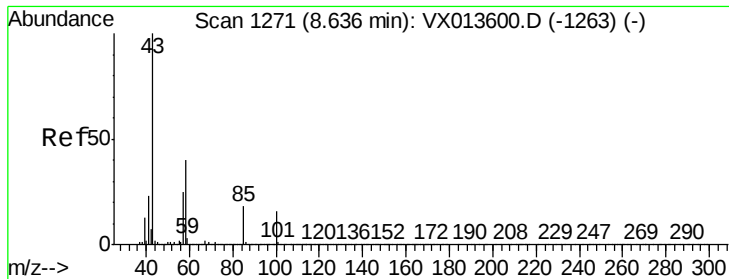
100 65.8 53.1 79.7



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: 13.507 ug/l

RT: 8.61 min Scan# 1266

Delta R.T. -0.03 min

Lab File: VX0137876.D

Acq: 10 Dec 2019 01:54

Instrument :

MSVOA_X

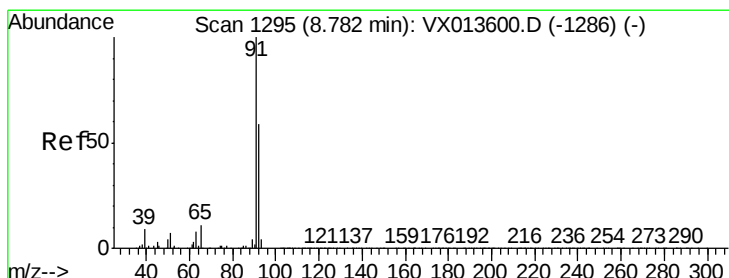
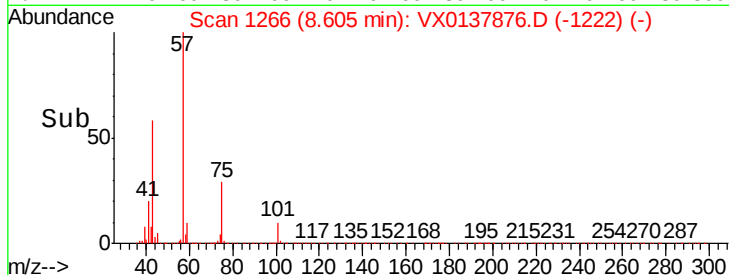
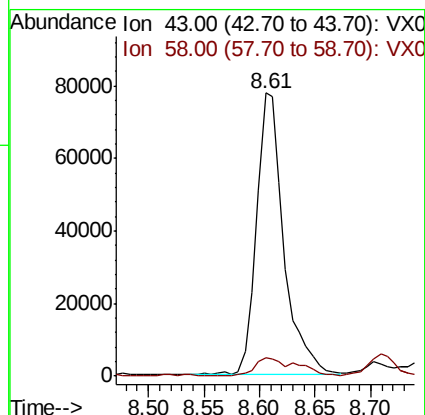
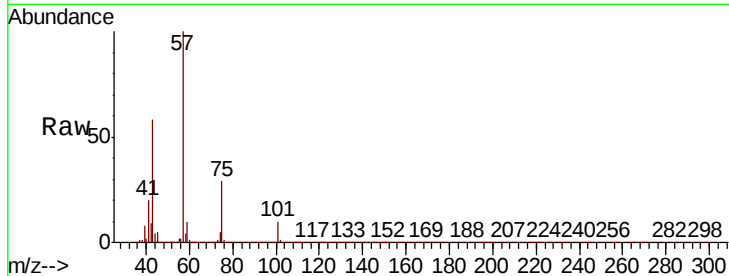
ClientSampleId :

Tot Ion: 43 Resp: 132777

Ion Ratio Lower Upper

43 100

58 9.7 32.1 48.1#



#52

Toluene

Concen: 0.776 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX0137876.D

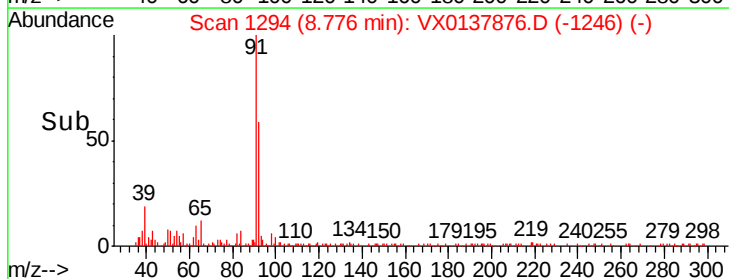
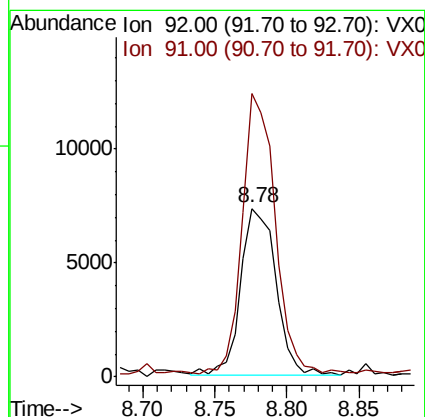
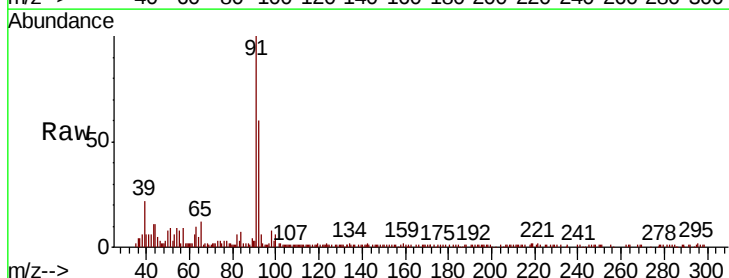
Acq: 10 Dec 2019 01:54

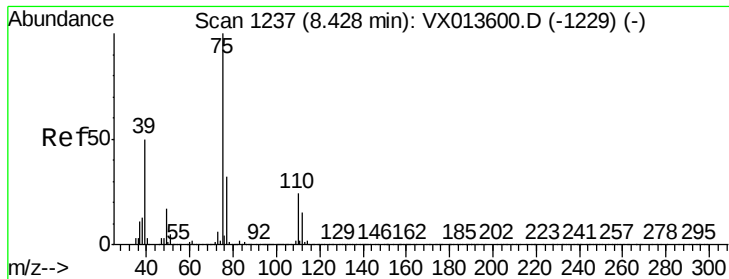
Tgt Ion: 92 Resp: 12417

Ion Ratio Lower Upper

92 100

91 158.1 136.2 204.2



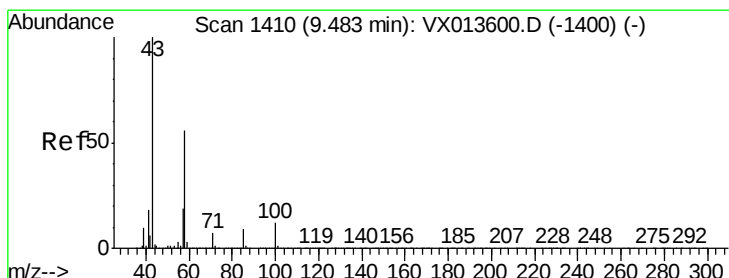
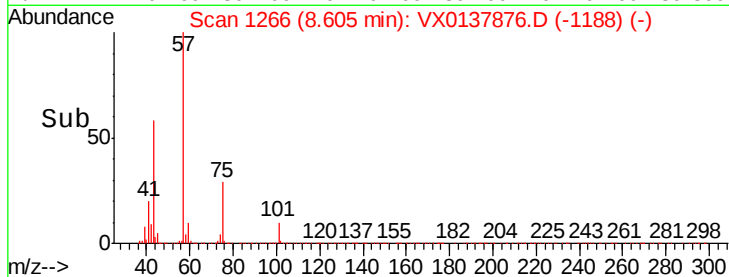
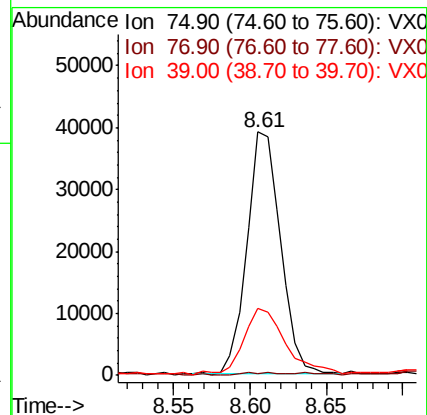
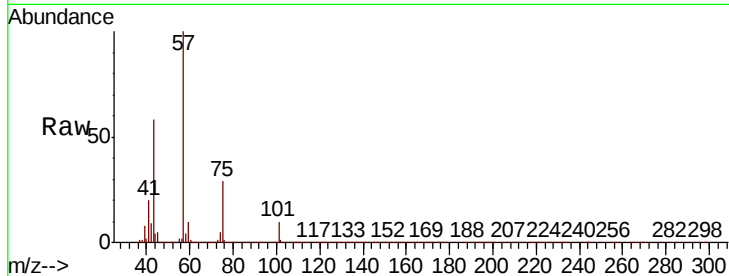


#54

cis-1,3-Dichloropropene
 Concen: 5.781 ug/l
 RT: 8.61 min Scan# 1266
 Delta R.T. 0.18 min
 Lab File: VX0137876.D
 Acq: 10 Dec 2019 01:54

Instrument :
 MSVOA_X
 ClientSampled :

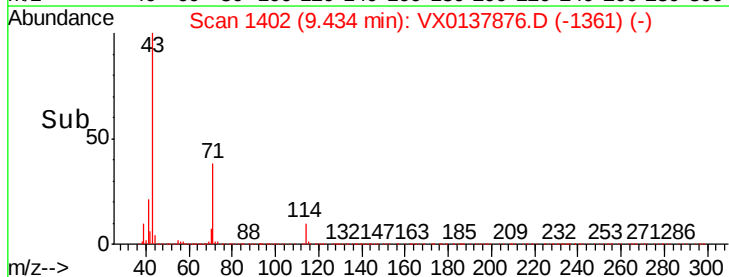
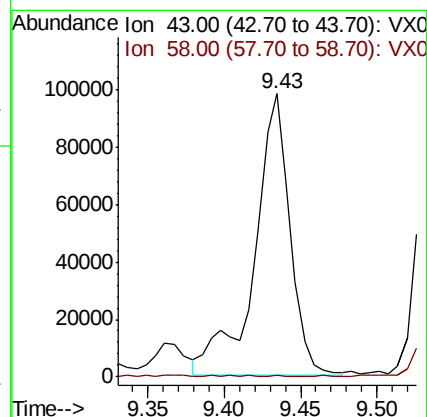
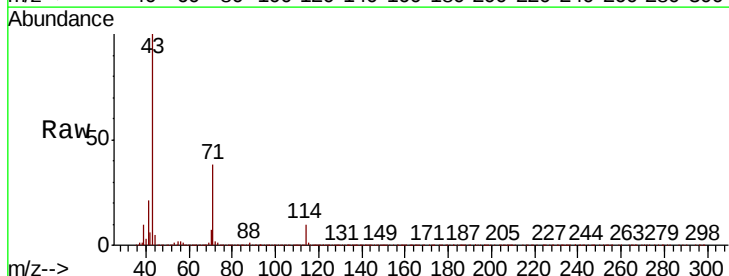
Tot Ion	Ratio	Lower	Upper
75	100		
77	0.4	25.8	38.6#
39	27.8	39.9	59.9#

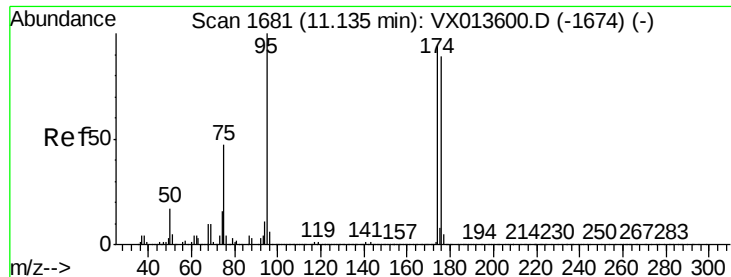


#59

2-Hexanone
 Concen: 20.766 ug/l
 RT: 9.43 min Scan# 1402
 Delta R.T. -0.05 min
 Lab File: VX0137876.D
 Acq: 10 Dec 2019 01:54

Tgt Ion	Ratio	Lower	Upper
43	100		
58	0.0	28.1	84.4#

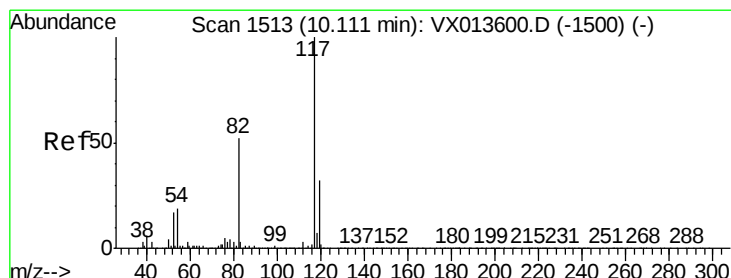
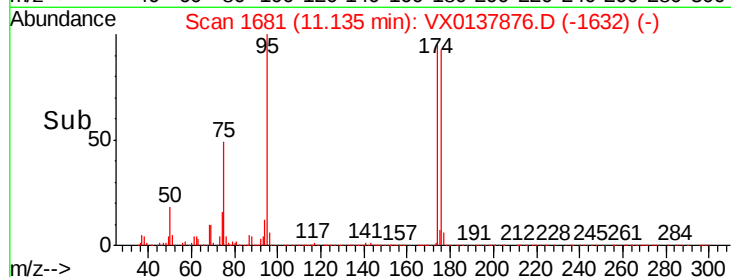
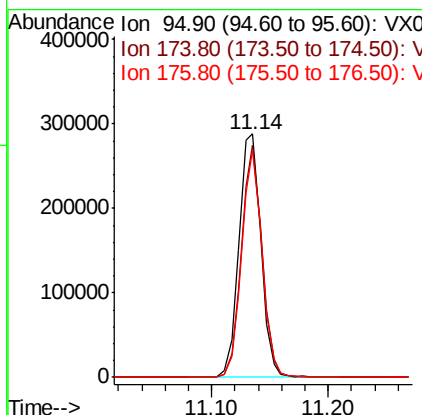
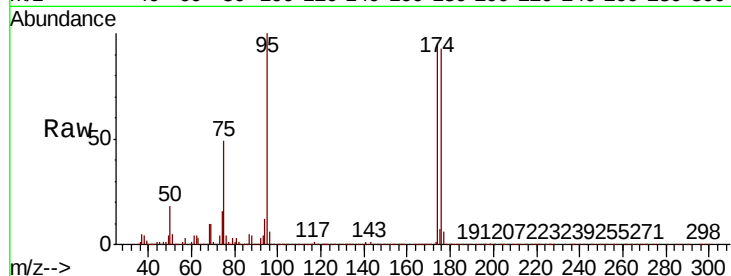




#62
4-Bromofluorobenzene
Concen: 46.777 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX0137876.D
Acq: 10 Dec 2019 01:54

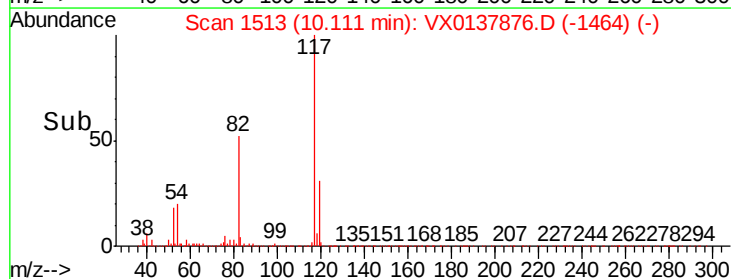
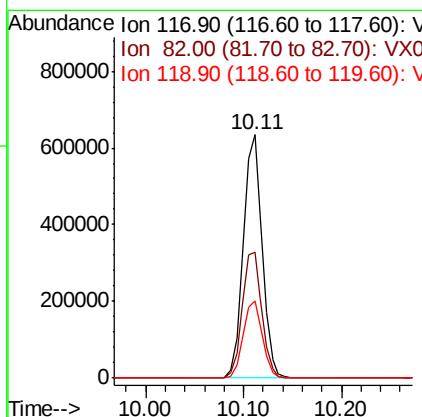
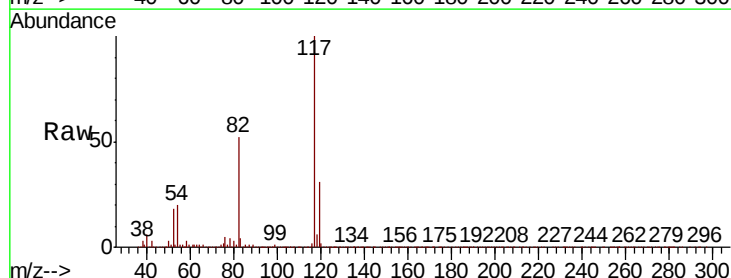
Instrument :
MSVOA_X
ClientSampleId :

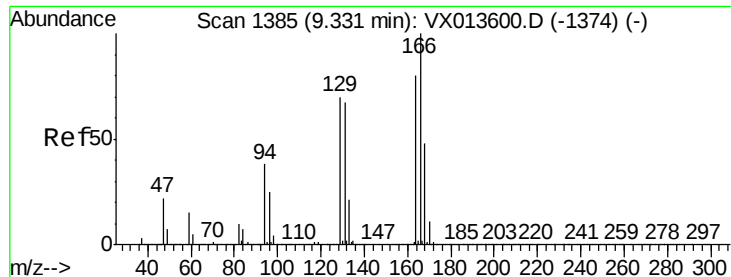
Tot Ion	Ratio	Lower	Upper
95	100		
174	89.6	0.0	180.0
176	87.1	0.0	173.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX0137876.D
Acq: 10 Dec 2019 01:54

Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.6	41.8	62.8
119	31.5	25.8	38.8





#64

Tetrachloroethene

Concen: 0.283 ug/l

RT: 9.33 min Scan# 1385

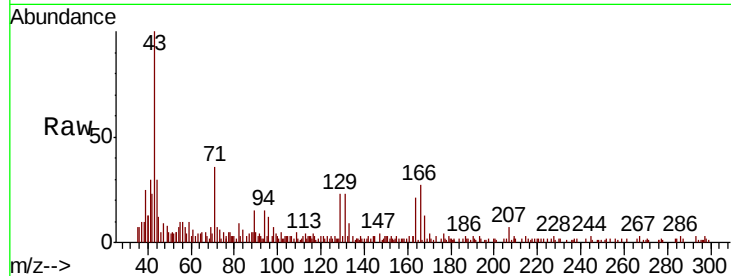
Delta R.T. -0.00 min

Lab File: VX0137876.D

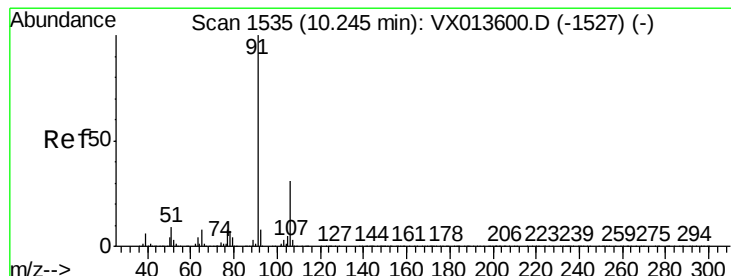
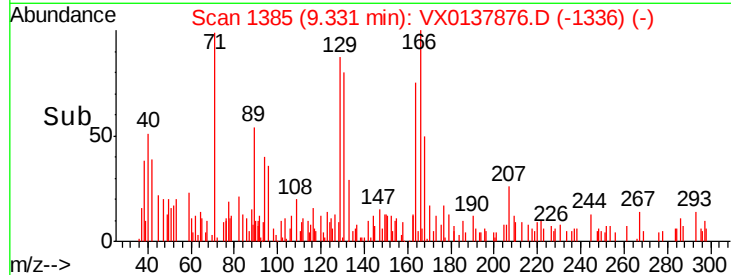
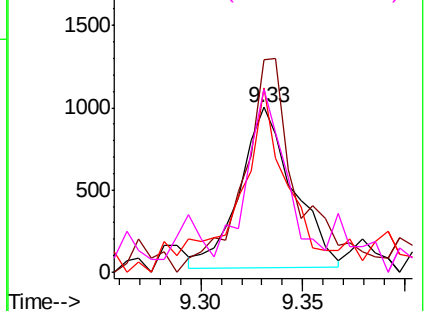
Acq: 10 Dec 2019 01:54

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	164	Resp:	1785
Ion	Ratio	Lower	Upper
164	100		
166	122.2	99.7	149.5
129	106.5	70.1	105.1#
131	82.5	66.9	100.3



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V



#67

Ethyl Benzene

Concen: 1.245 ug/l

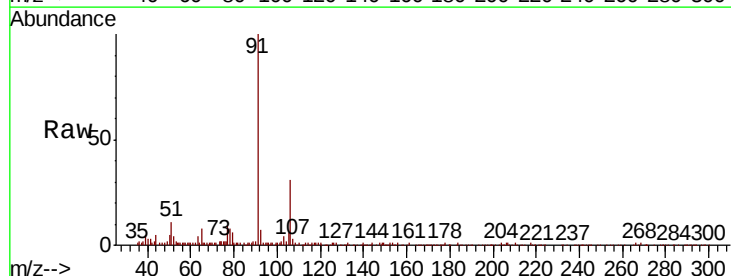
RT: 10.25 min Scan# 1536

Delta R.T. 0.01 min

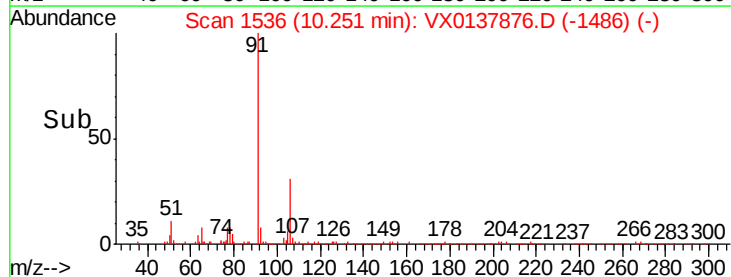
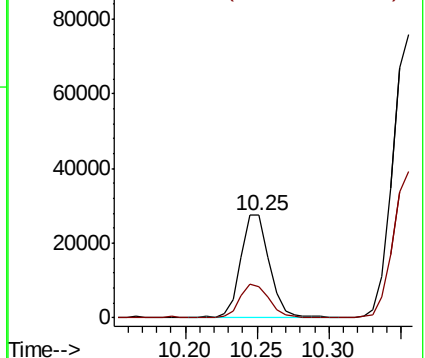
Lab File: VX0137876.D

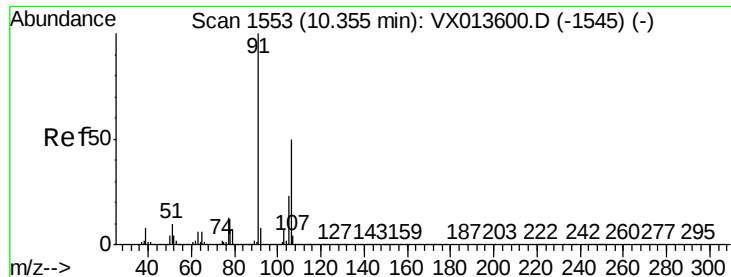
Acq: 10 Dec 2019 01:54

Tgt Ion:	91	Resp:	37616
Ion	Ratio	Lower	Upper
91	100		
106	30.7	24.5	36.7



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 4.570 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX0137876.D

Acq: 10 Dec 2019 01:54

Instrument :

MSVOA_X

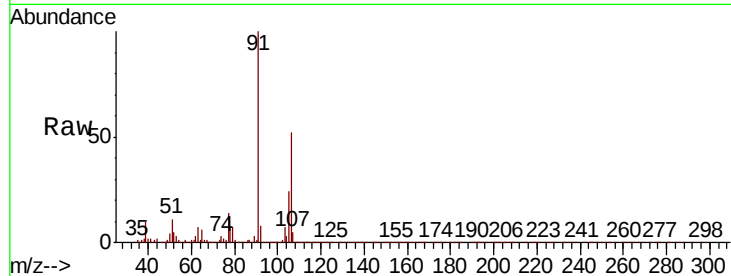
ClientSampled :

Tot Ion:106 Resp: 52872

Ion Ratio Lower Upper

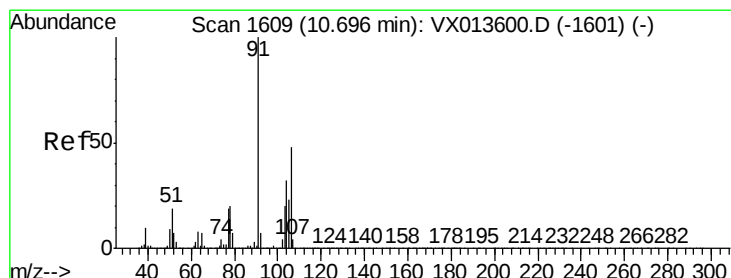
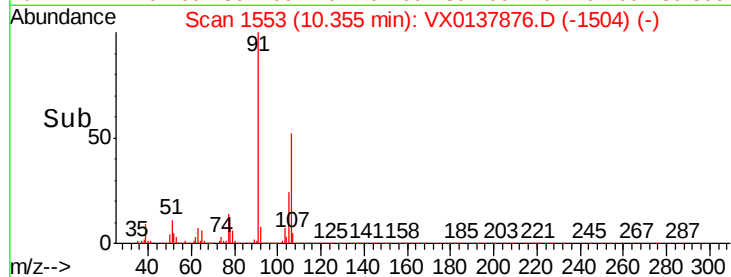
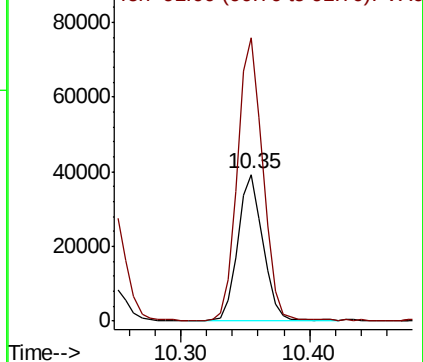
106 100

91 195.6 159.0 238.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 1.883 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. -0.00 min

Lab File: VX0137876.D

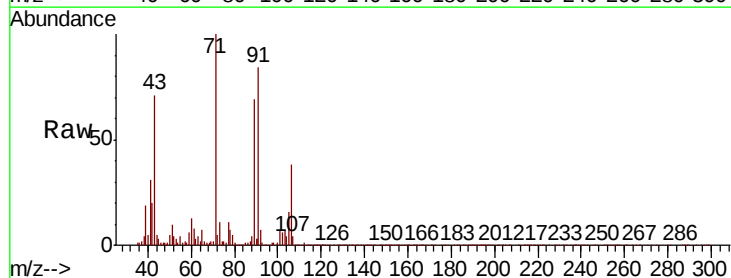
Acq: 10 Dec 2019 01:54

Tgt Ion:106 Resp: 21250

Ion Ratio Lower Upper

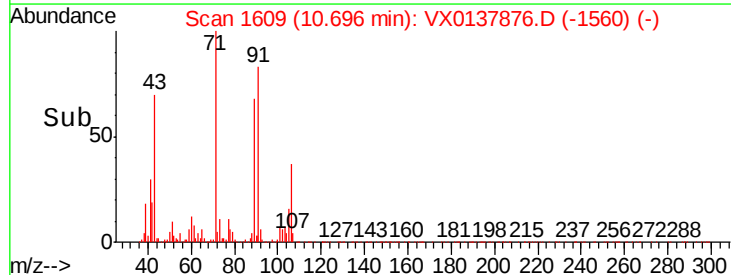
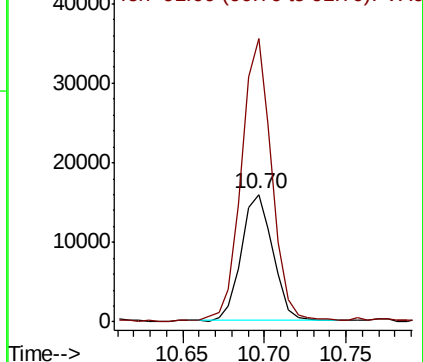
106 100

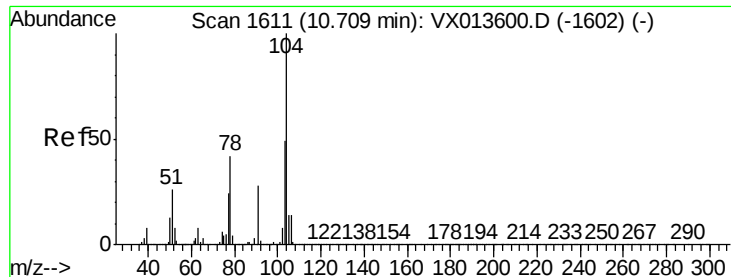
91 218.1 104.1 312.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

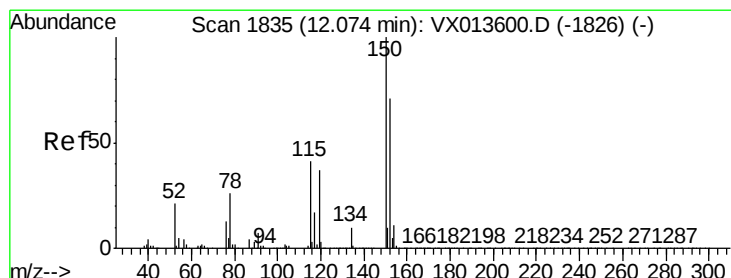
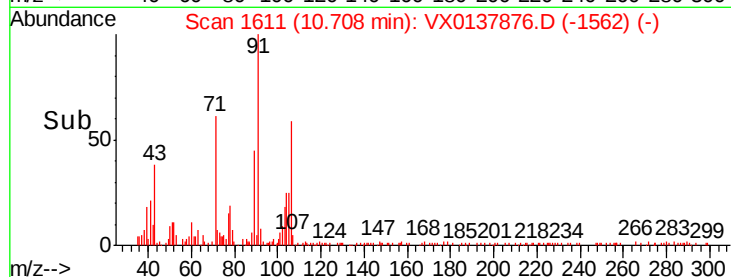
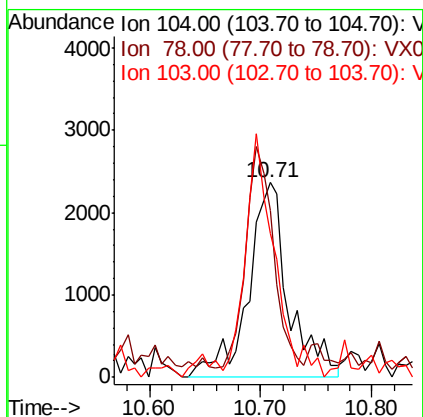
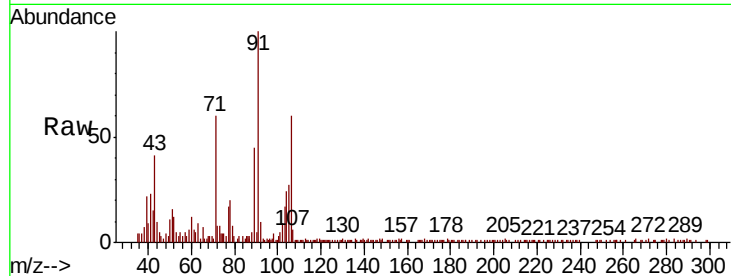




#70
Stvrene
Concen: 0.316 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX0137876.D
Acq: 10 Dec 2019 01:54

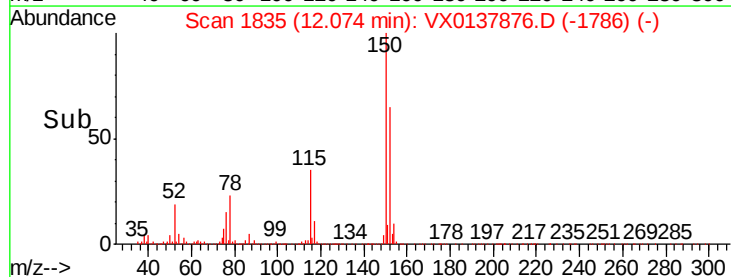
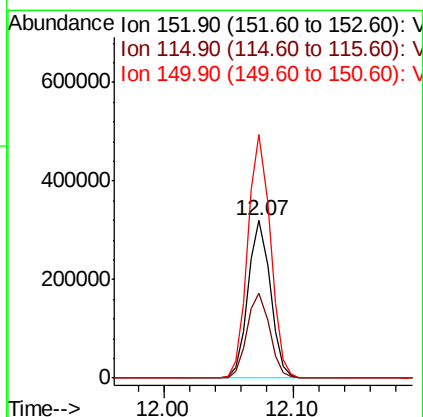
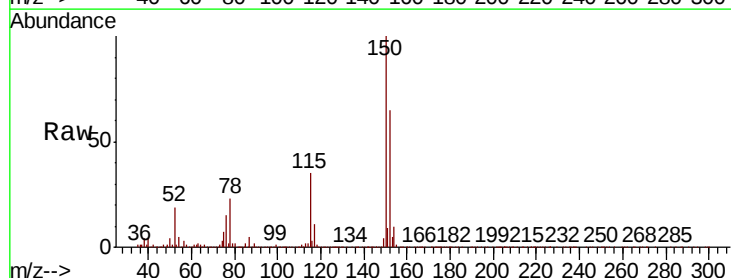
Instrument :
MSVOA_X
ClientSampleId :

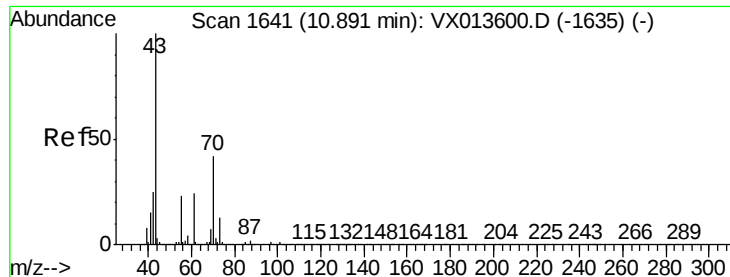
Tot Ion:104 Resp: 5990
Ion Ratio Lower Upper
104 100
78 76.7 38.5 57.7#
103 78.6 43.7 65.5#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX0137876.D
Acq: 10 Dec 2019 01:54

Tgt Ion:152 Resp: 379827
Ion Ratio Lower Upper
152 100
115 54.8 38.4 115.1
150 157.0 0.0 346.8





#74

N-amvl acetate

Concen: 0.531 ug/l

RT: 10.82 min Scan# 1630

Delta R.T. -0.07 min

Lab File: VX0137876.D

Acq: 10 Dec 2019 01:54

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 43 Resp: 6483

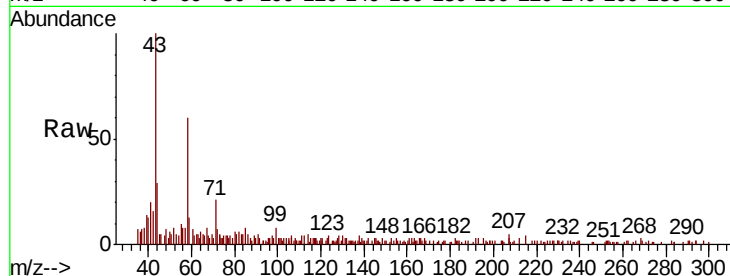
Ion Ratio Lower Upper

43 100

70 0.0 34.3 51.5#

55 4.9 18.5 27.7#

61 0.0 19.8 29.8#

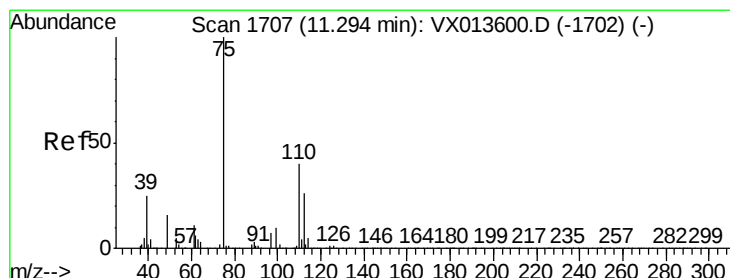
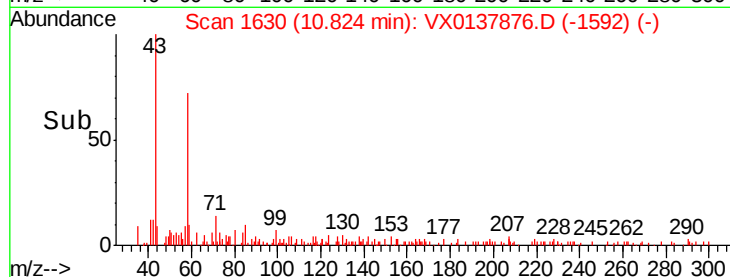
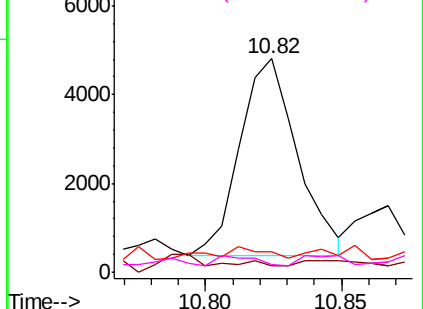


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 21.735 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.16 min

Lab File: VX0137876.D

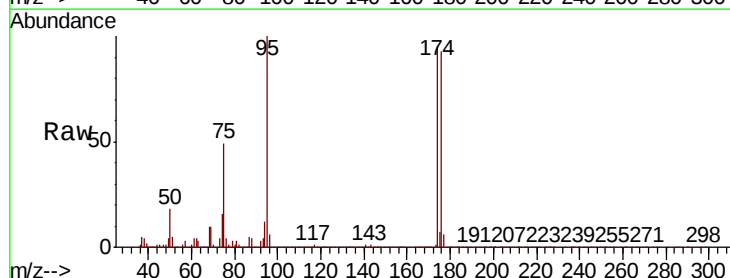
Acq: 10 Dec 2019 01:54

Tgt Ion: 75 Resp: 185682

Ion Ratio Lower Upper

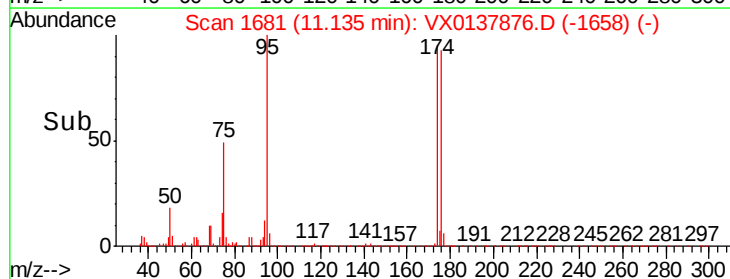
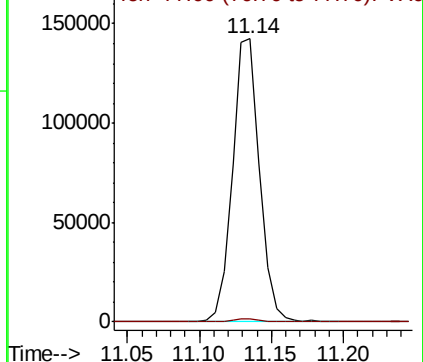
75 100

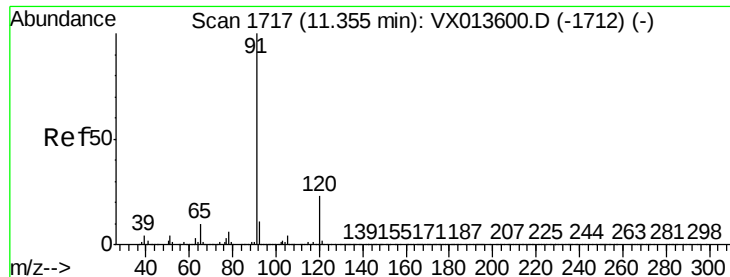
77 1.1 19.1 57.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 0.373 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX0137876.D

Acq: 10 Dec 2019 01:54

Instrument :

MSVOA_X

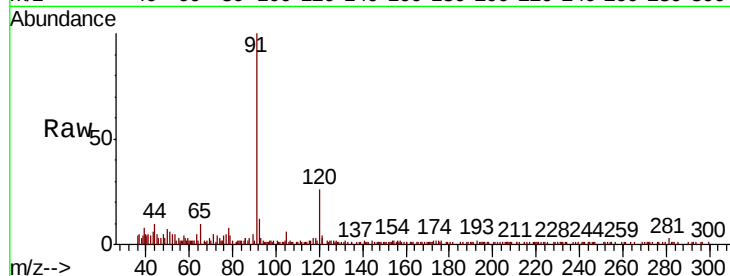
ClientSampleId :

Tot Ion: 91 Resp: 11103

Ion Ratio Lower Upper

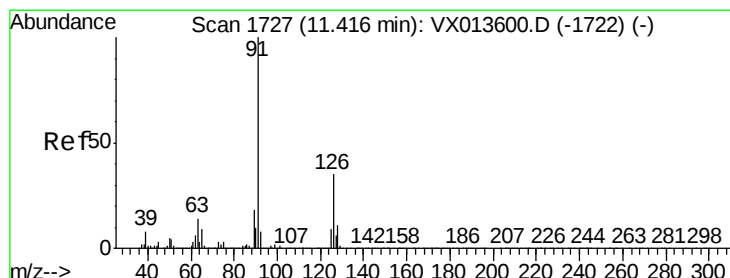
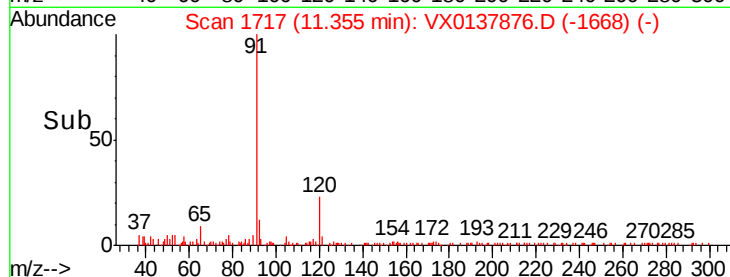
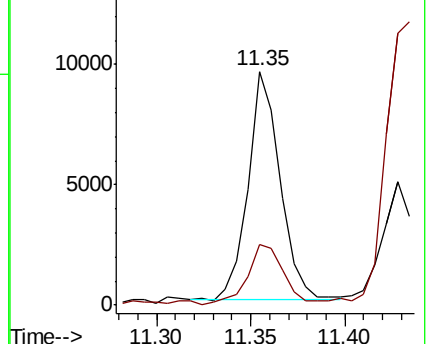
91 100

120 30.5 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 0.479 ug/l

RT: 11.43 min Scan# 1729

Delta R.T. 0.01 min

Lab File: VX0137876.D

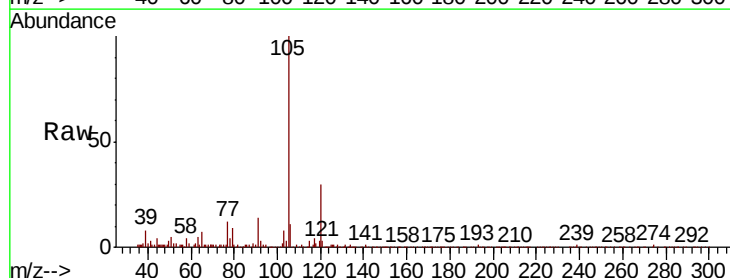
Acq: 10 Dec 2019 01:54

Tgt Ion: 91 Resp: 8545

Ion Ratio Lower Upper

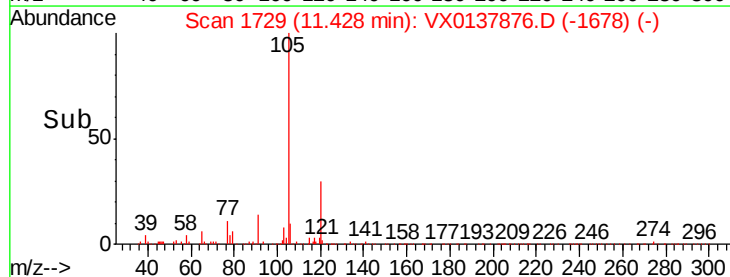
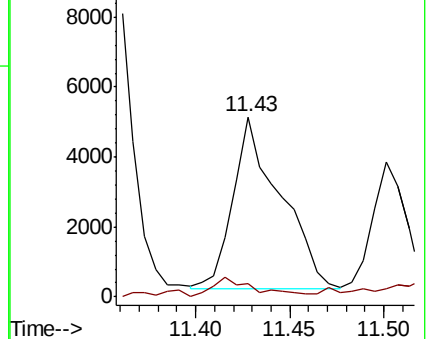
91 100

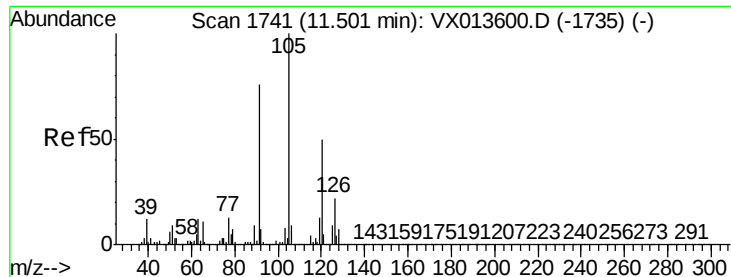
126 11.0 17.5 52.5#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#80

1,3,5-Trimethylbenzene

Concen: 1.770 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX0137876.D

Acq: 10 Dec 2019 01:54

Instrument :

MSVOA_X

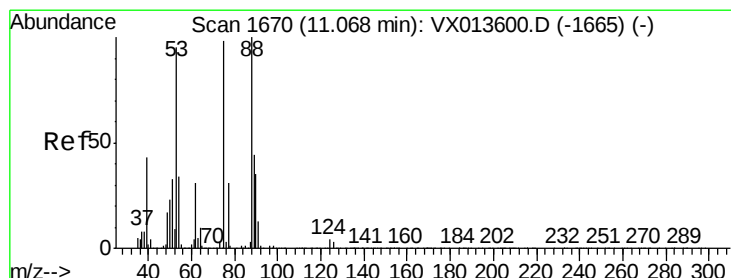
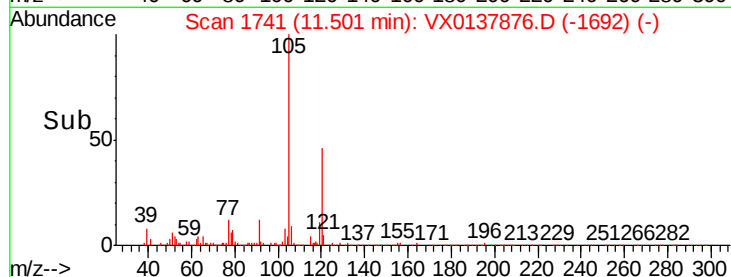
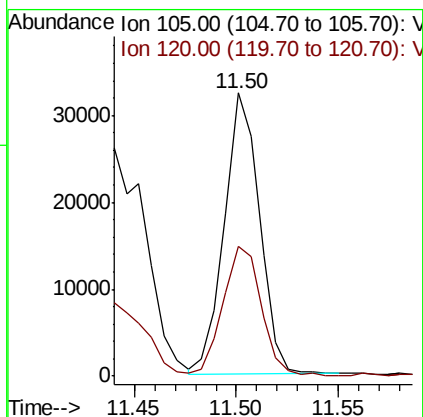
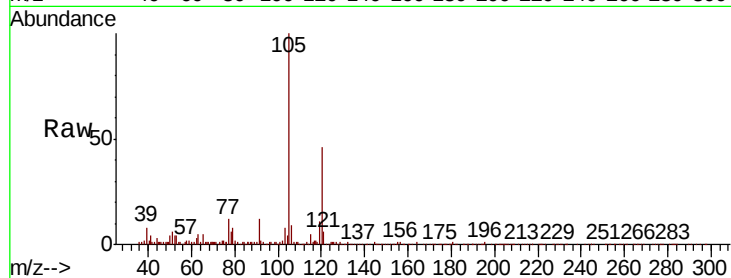
ClientSampleId :

Tot Ion:105 Resp: 38654

Ion Ratio Lower Upper

105 100

120 49.7 25.3 75.9



#81

trans-1,4-Dichloro-2-butene

Concen: 59.463 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.07 min

Lab File: VX0137876.D

Acq: 10 Dec 2019 01:54

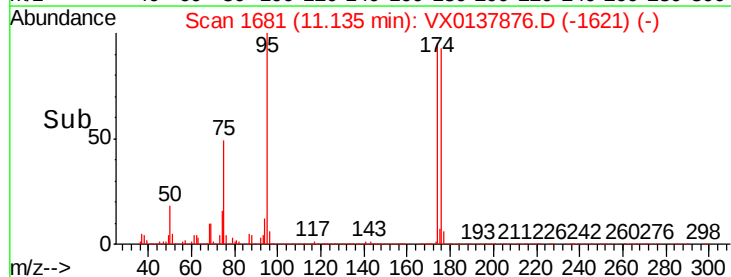
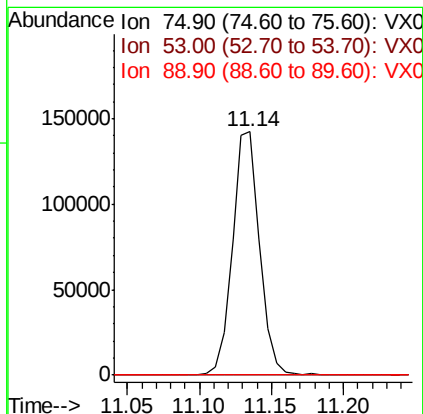
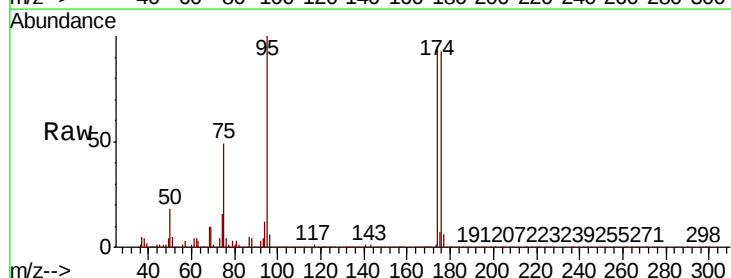
Tgt Ion: 75 Resp: 185682

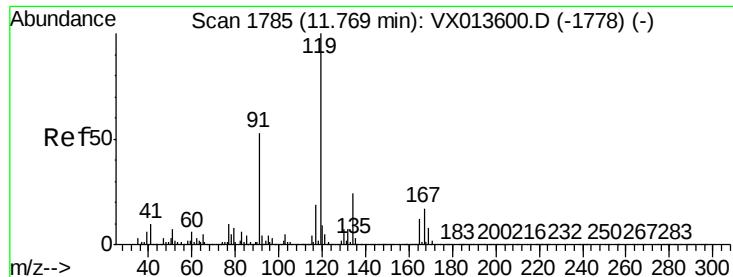
Ion Ratio Lower Upper

75 100

53 0.0 78.2 117.2#

89 0.1 35.4 53.2#

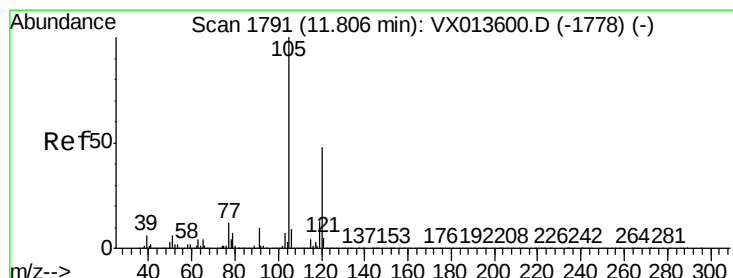
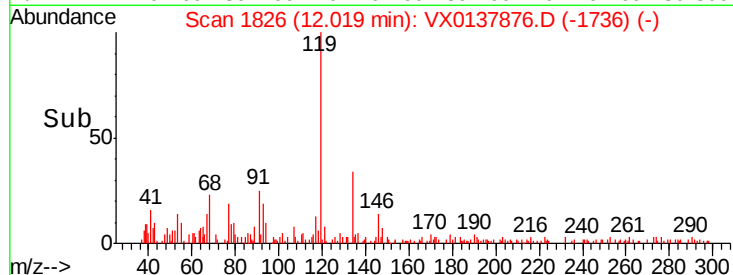
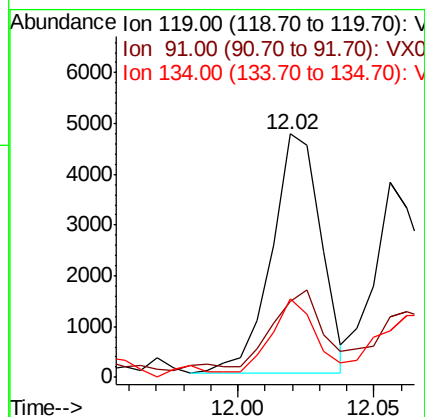
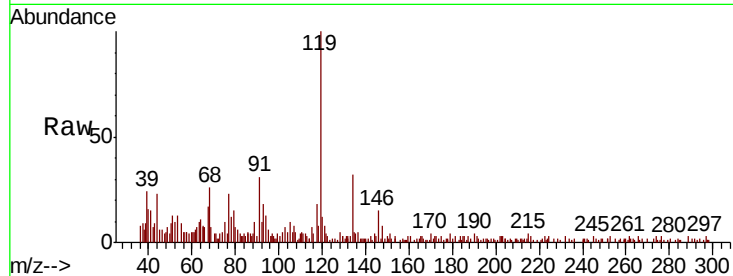




#83
tert-Butylbenzene
Concen: 0.267 ug/l
RT: 12.02 min Scan# 1826
Delta R.T. 0.25 min
Lab File: VX0137876.D
Acq: 10 Dec 2019 01:54

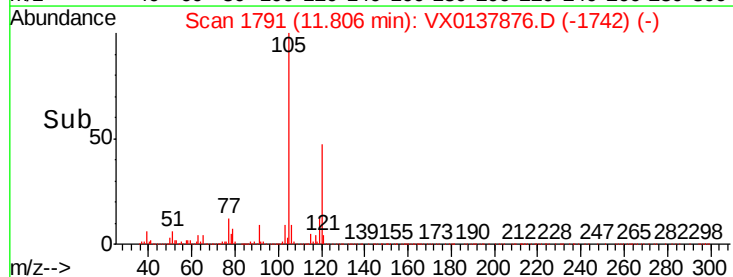
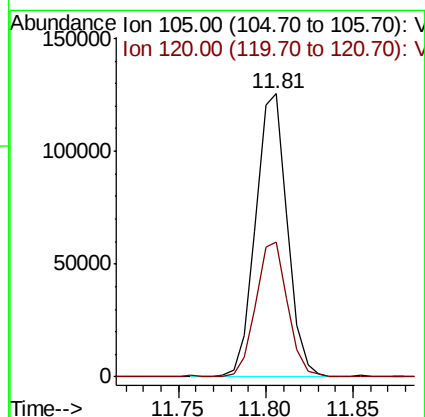
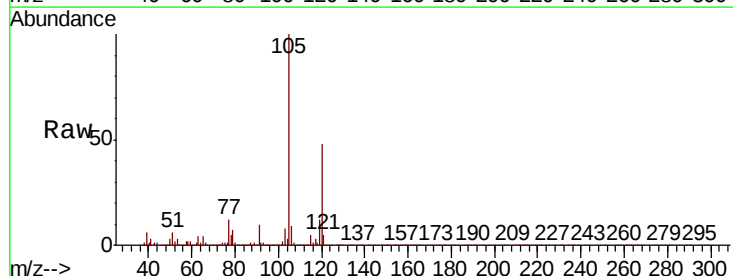
Instrument :
MSVOA_X
ClientSampleId :

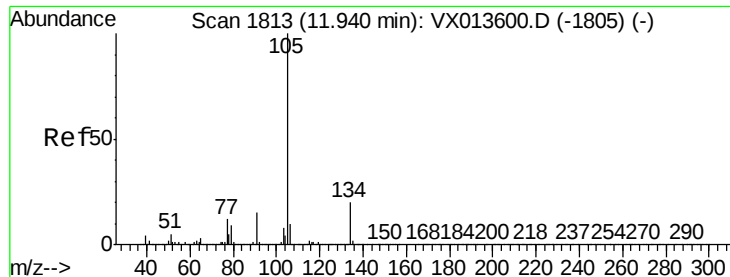
Tot Ion:119 Resp: 5934
Ion Ratio Lower Upper
119 100
91 35.8 27.2 81.6
134 26.4 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 7.125 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. -0.00 min
Lab File: VX0137876.D
Acq: 10 Dec 2019 01:54

Tgt Ion:105 Resp: 157902
Ion Ratio Lower Upper
105 100
120 47.7 23.1 69.3

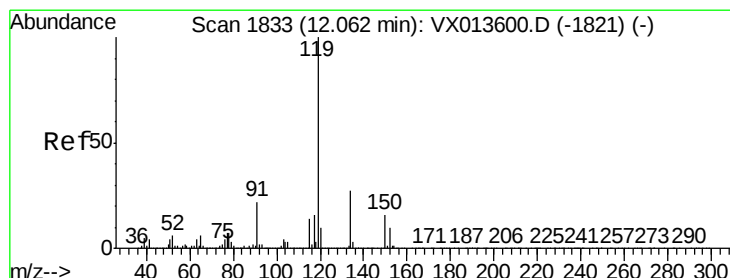
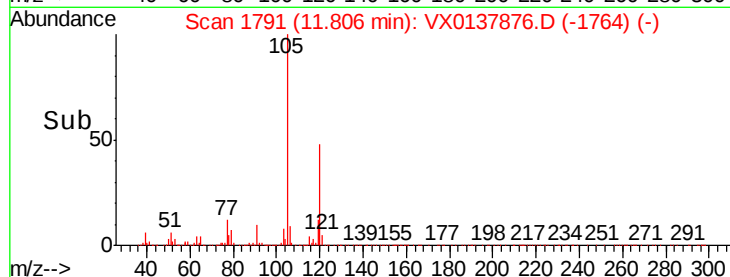
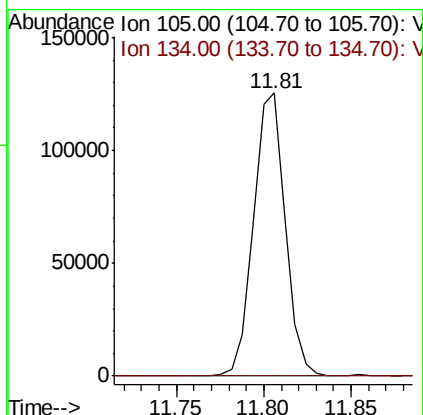
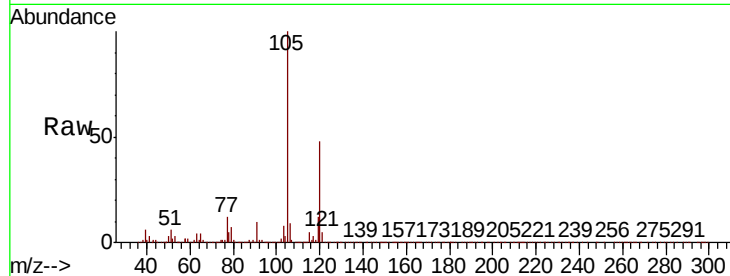




#85
 sec-Butylbenzene
 Concen: 6.229 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. -0.13 min
 Lab File: VX0137876.D
 Acq: 10 Dec 2019 01:54

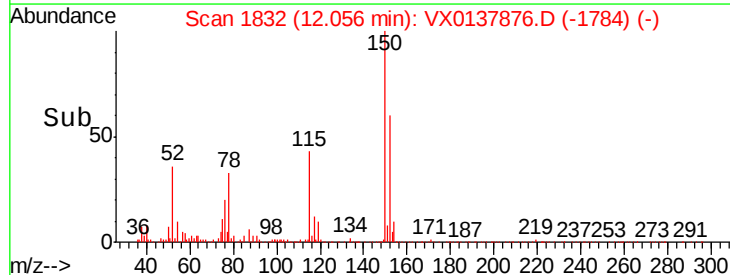
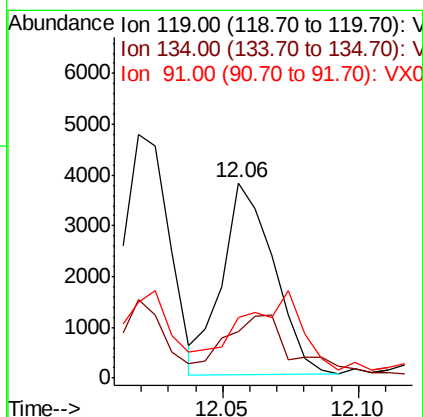
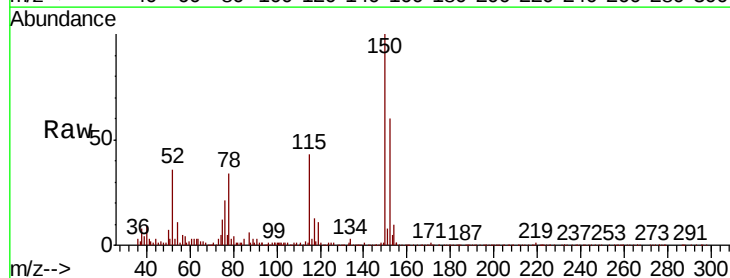
Instrument :
 MSVOA_X
 ClientSampleId :

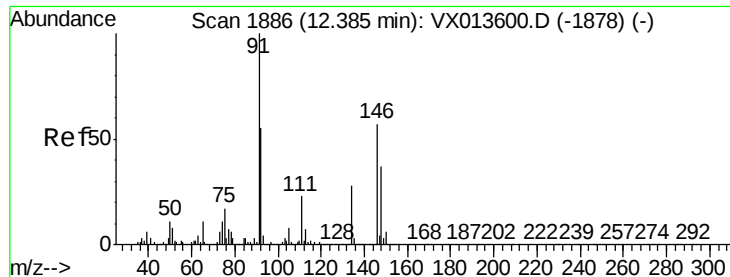
Tot Ion:105 Resp: 157902
 Ion Ratio Lower Upper
 105 100
 134 0.2 10.4 31.2#



#86
 p-Isopropyltoluene
 Concen: 0.211 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. -0.01 min
 Lab File: VX0137876.D
 Acq: 10 Dec 2019 01:54

Tgt Ion:119 Resp: 4967
 Ion Ratio Lower Upper
 119 100
 134 39.2 13.3 39.9
 91 47.5 11.3 33.8#





#89

n-Butylbenzene

Concen: 0.353 ug/l

RT: 12.37 min Scan# 1884

Delta R.T. -0.01 min

Lab File: VX0137876.D

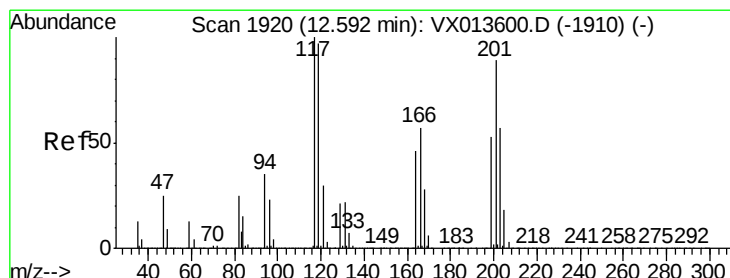
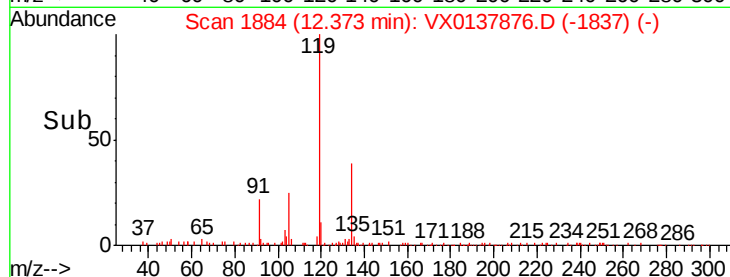
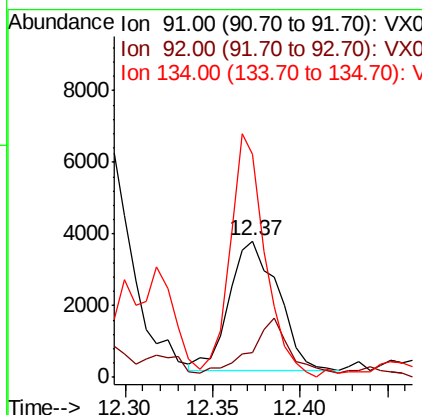
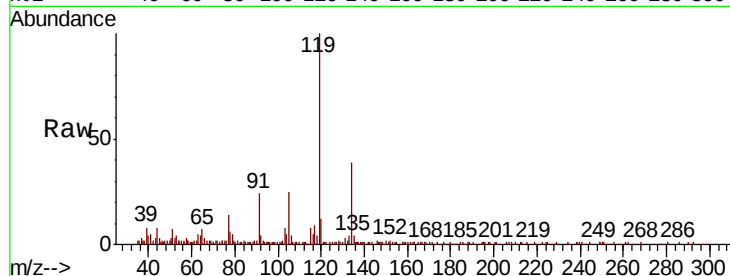
Acq: 10 Dec 2019 01:54

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:	91	Resp:	7103
Ion	Ratio	Lower	Upper
91	100		
92	34.8	27.4	82.2
134	133.3	13.5	40.4#



#90

Hexachloroethane

Concen: 0.411 ug/l

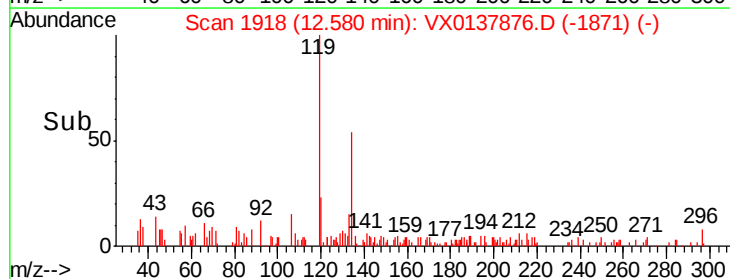
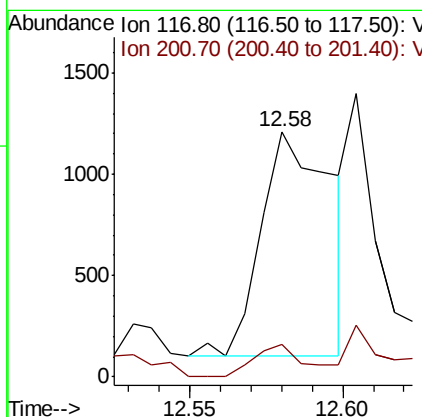
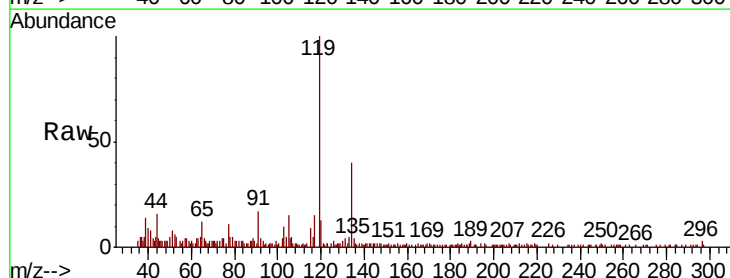
RT: 12.58 min Scan# 1918

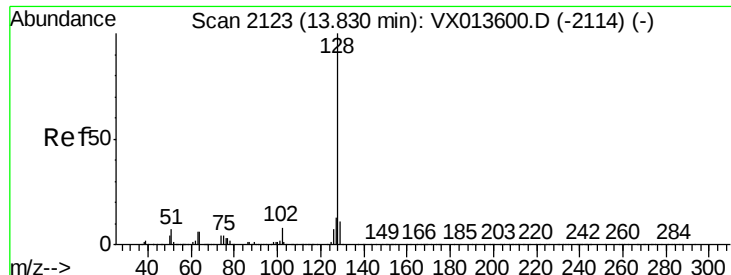
Delta R.T. -0.01 min

Lab File: VX0137876.D

Acq: 10 Dec 2019 01:54

Tgt Ion:	117	Resp:	1754
Ion	Ratio	Lower	Upper
117	100		
201	9.9	44.1	132.4#





#95
Naphthalene
Concen: 10.335 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX0137876.D
Acq: 10 Dec 2019 01:54

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	11.2	8.7	13.1

