

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020620\
 Data File : VX014845.D
 Acq On : 06 Feb 2020 14:14
 Operator : JC/SP
 Sample : L1346-05
 Misc : 6.46µ/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 07 00:42:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	428391	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	649766	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	594552	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	313060	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	237229	47.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.84%	
35) Dibromofluoromethane	5.49	113	190552	46.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.96%	
50) Toluene-d8	8.71	98	796683	50.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.08%	
62) 4-Bromofluorobenzene	11.14	95	298699	53.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.40%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.19	85	459	0.610	ug/l	81
5) Bromomethane	1.63	94	2691	0.632	ug/l	98
6) Chloroethane	1.69	64	389	Below Cal	#	84
10) Methyl Iodide	2.49	142	3309	0.589	ug/l #	90
11) Tert butyl alcohol	3.01	59	4456	3.967	ug/l #	72
13) Acrolein	2.28	56	181	0.204	ug/l #	66
14) Allyl chloride	2.81	41	54465	7.115	ug/l #	65
15) Acrylonitrile	3.14	53	18054	6.947	ug/l #	41
16) Acetone	2.47	43	5758	2.249	ug/l #	71
18) Methyl Acetate	2.81	43	131858	16.848	ug/l #	53
20) Methylene Chloride	2.84	84	8673	1.710	ug/l #	10
25) 2-Butanone	4.70	43	5464	1.391	ug/l #	88
26) 2,2-Dichloropropane	4.36	77	2315	0.350	ug/l	83
30) Chloroform	5.25	83	86948	10.613	ug/l #	30
31) Cyclohexane	5.59	56	411888	52.950	ug/l #	48
36) 1,1-Dichloropropene	5.65	75	28481	4.717	ug/l #	42
38) Carbon Tetrachloride	5.65	117	37884	6.570	ug/l #	15
39) Methylcyclohexane	7.45	83	1100026	145.434	ug/l	97
41) Methacrylonitrile	5.04	41	21265	5.162	ug/l #	57
43) Isopropyl Acetate	6.45	43	38615	3.410	ug/l #	61
46) Dibromomethane	7.62	93	3174	1.020	ug/l #	1
47) Bromodichloromethane	7.84	83	36512	5.981	ug/l #	63
48) Methyl methacrylate	7.72	41	125749	23.242	ug/l #	49
49) 1,4-Dioxane	7.74	88	100	0.872	ug/l #	1
51) 4-Methyl-2-Pentanone	8.67	43	134923	18.878	ug/l #	56
52) Toluene	8.78	92	2587	0.226	ug/l #	54
55) 1,1,2-Trichloroethane	9.16	97	368805	78.553	ug/l #	18
56) Ethyl methacrylate	9.16	69	113748	15.565	ug/l #	2
58) 2-Chloroethyl Vinyl ether	8.25	63	813	0.344	ug/l #	82
59) 2-Hexanone	9.44	43	485812	87.597	ug/l #	29
60) Dibromochloromethane	9.55	129	2413	0.492	ug/l #	1
61) 1,2-Dibromoethane	9.66	107	1085	0.219	ug/l #	1
67) Ethyl Benzene	10.25	91	33675	1.551	ug/l	95
68) m/p-Xylenes	10.35	106	5595	0.680	ug/l #	48

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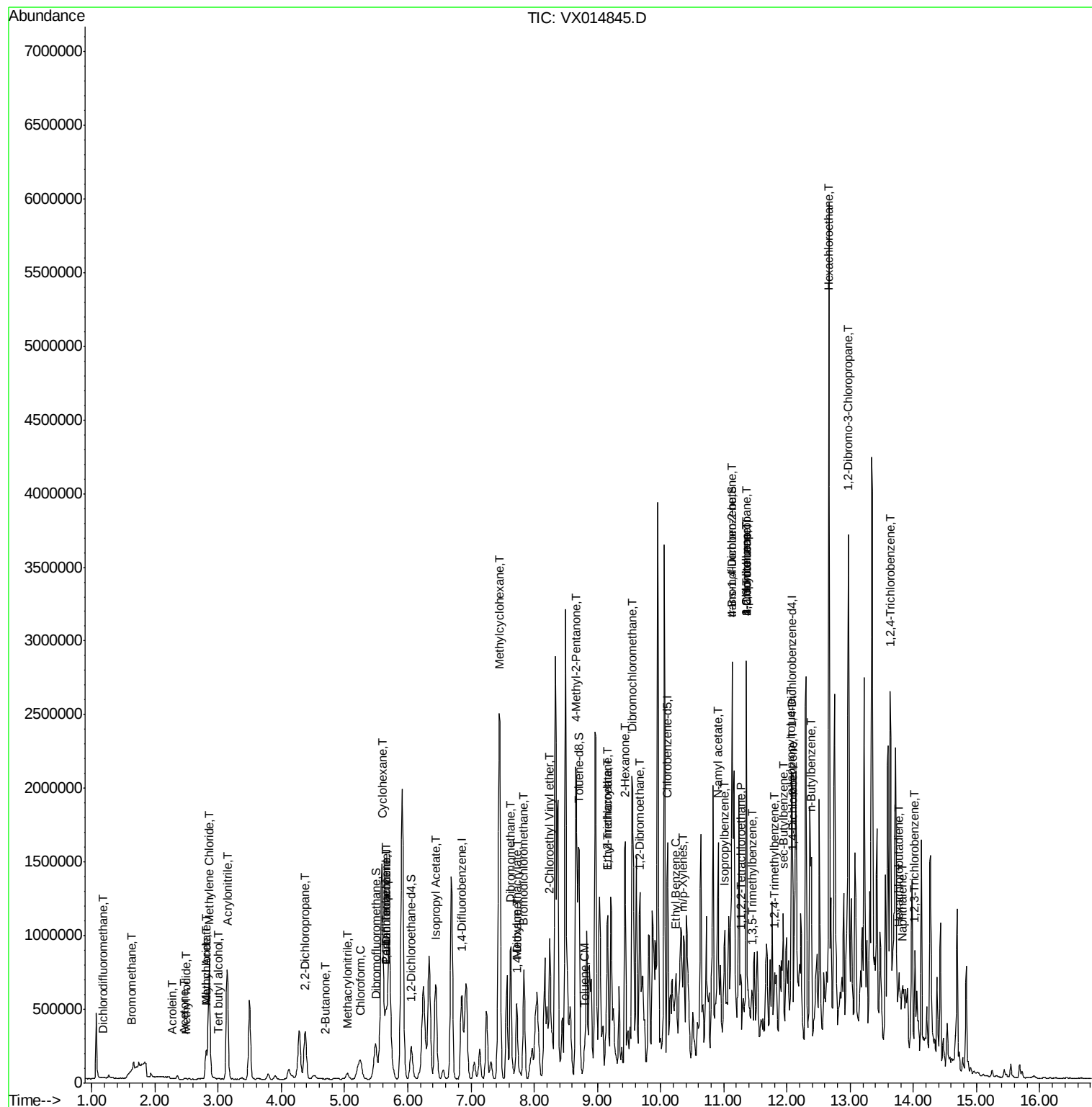
73) Isopropylbenzene	11.01	105	246511	11.199	ug/l	99
74) N-amyl acetate	10.90	43	121228	12.568	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.27	83	26025	3.311	ug/l #	26
76) 1,2,3-Trichloropropane	11.35	75	9761	1.340	ug/l #	1
78) n-propylbenzene	11.35	91	1499632	60.019	ug/l	100
79) 2-Chlorotoluene	11.35	91	1499632	99.194	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.45	105	113431	6.209	ug/l	69
81) trans-1,4-Dichloro-2-buten	11.14	75	142455	55.660	ug/l #	20
82) 4-Chlorotoluene	11.35	91	1499632	87.131	ug/l #	44
84) 1,2,4-Trimethylbenzene	11.81	105	41938	2.289	ug/l	97
85) sec-Butylbenzene	11.94	105	220217	10.471	ug/l	92
86) p-Isopropyltoluene	12.06	119	53386	2.747	ug/l	94
88) 1,4-Dichlorobenzene	12.10	146	2519	0.237	ug/l #	25
89) n-Butylbenzene	12.38	91	543301	32.095	ug/l #	77
90) Hexachloroethane	12.67	117	217920	60.364	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	12.97	75	9915	5.872	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.64	180	2892	0.425	ug/l #	1
94) Hexachlorobutadiene	13.77	225	1773	0.506	ug/l	94
95) Naphthalene	13.83	128	244591	11.870	ug/l #	87
96) 1,2,3-Trichlorobenzene	14.01	180	3655	0.531	ug/l #	1

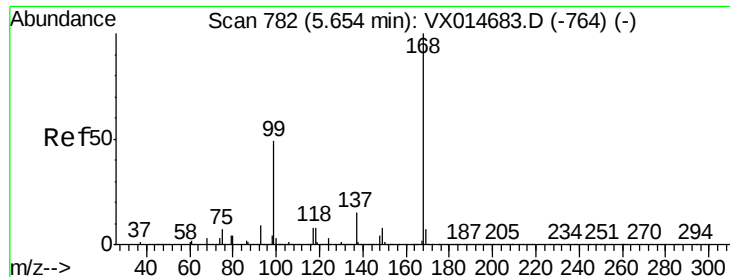
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX014845.D

Acq: 06 Feb 2020 14:14

Instrument :

MSVOA_X

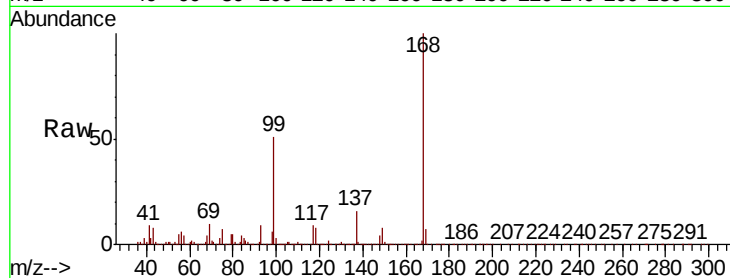
ClientSampleId :

Tot Ion:168 Resp: 428391

Ion Ratio Lower Upper

168 100

99 50.6 39.8 59.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

150000

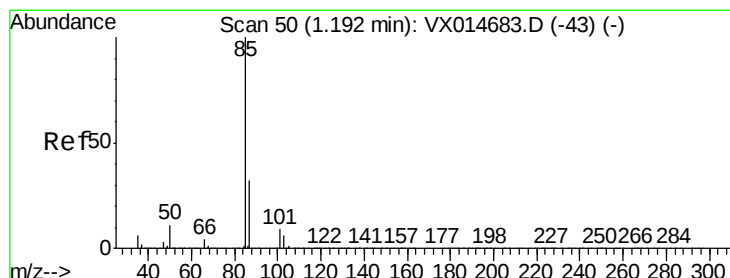
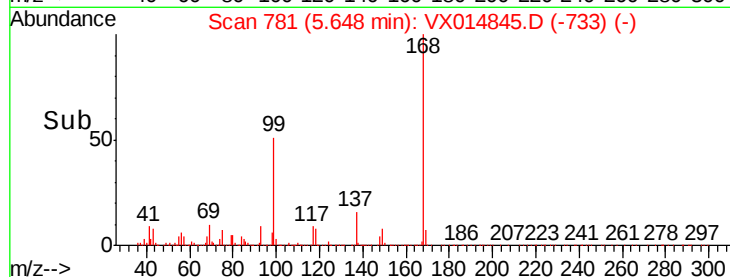
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 0.610 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.01 min

Lab File: VX014845.D

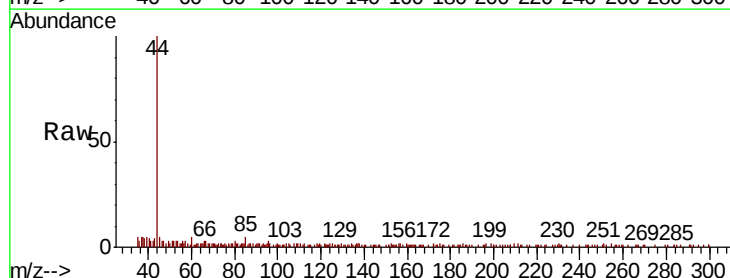
Acq: 06 Feb 2020 14:14

Tgt Ion: 85 Resp: 459

Ion Ratio Lower Upper

85 100

87 42.7 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

400

300

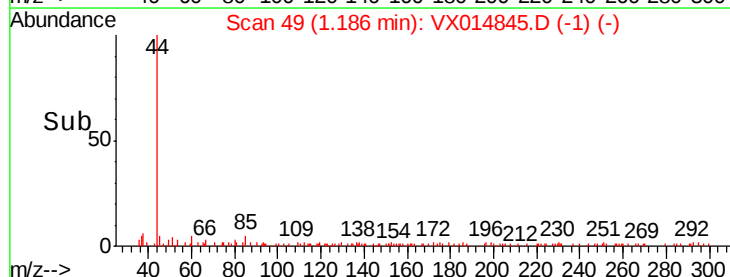
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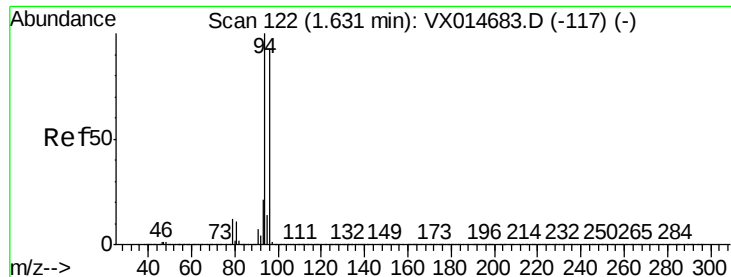
100

0

1.15 1.20

Time-->





#5

Bromomethane

Concen: 0.632 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014845.D

Acq: 06 Feb 2020 14:14

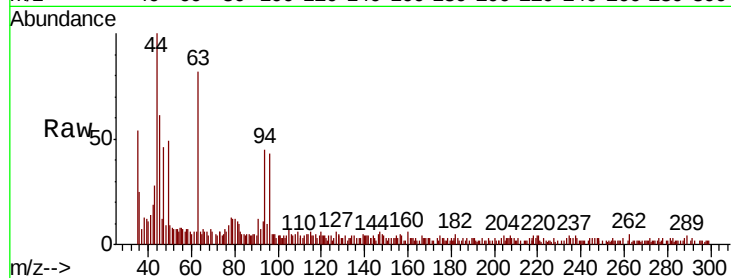
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 94 Resp: 2691

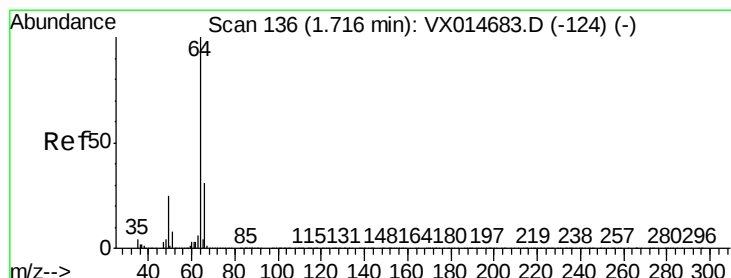
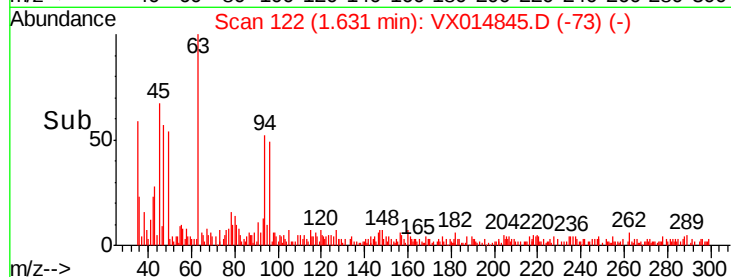
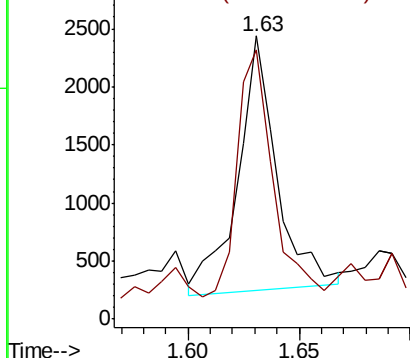
Ion Ratio Lower Upper

94 100

96 95.6 74.7 112.1



Abundance Ion 93.90 (93.60 to 94.60): VX0
Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: Below Cal

RT: 1.69 min Scan# 132

Delta R.T. -0.02 min

Lab File: VX014845.D

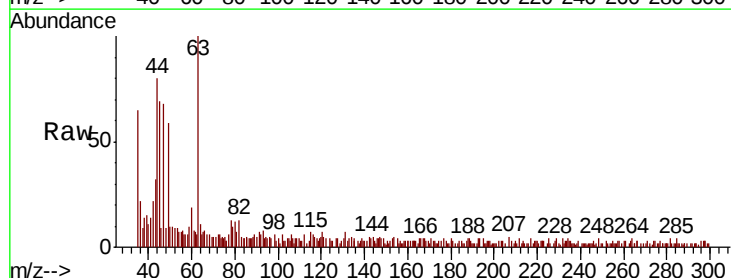
Acq: 06 Feb 2020 14:14

Tgt Ion: 64 Resp: 389

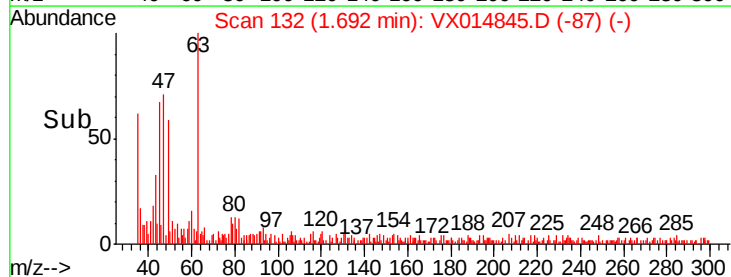
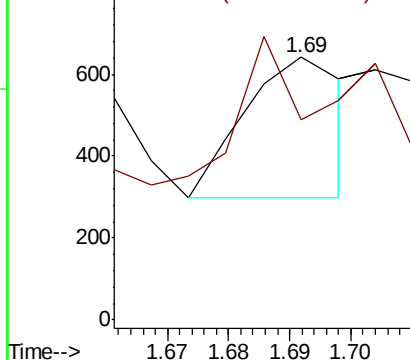
Ion Ratio Lower Upper

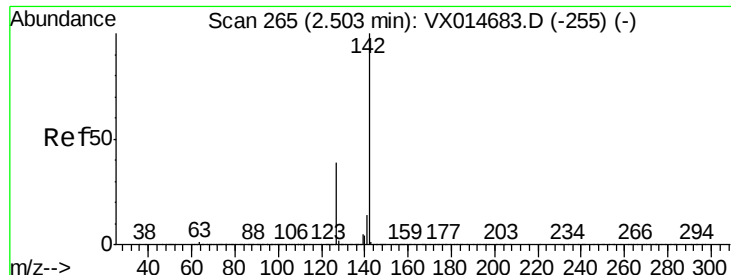
64 100

66 40.3 25.2 37.8#



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

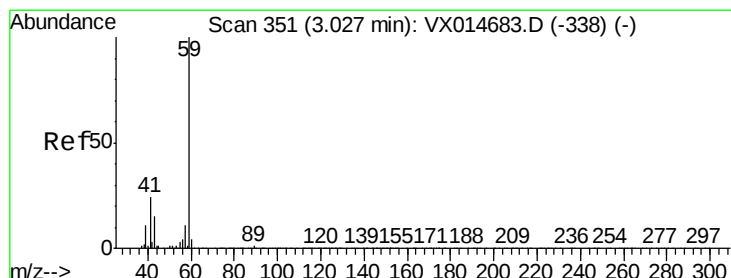
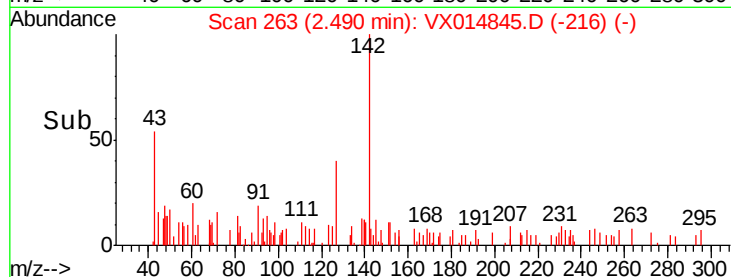
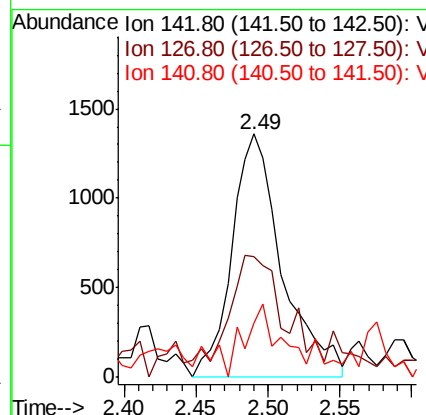
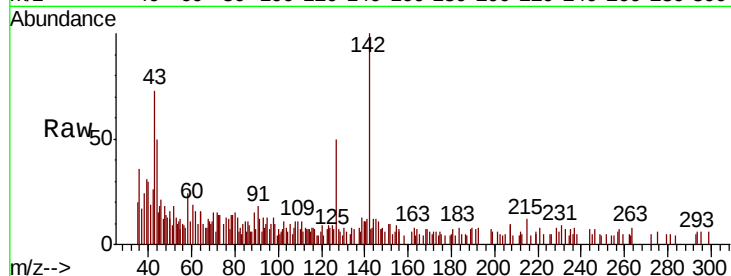




#10
Methvl Iodide
Concen: 0.589 ug/l
RT: 2.49 min Scan# 263
Delta R.T. -0.01 min
Lab File: VX014845.D
Acq: 06 Feb 2020 14:14

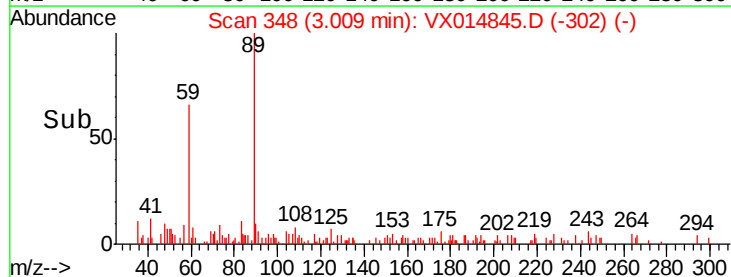
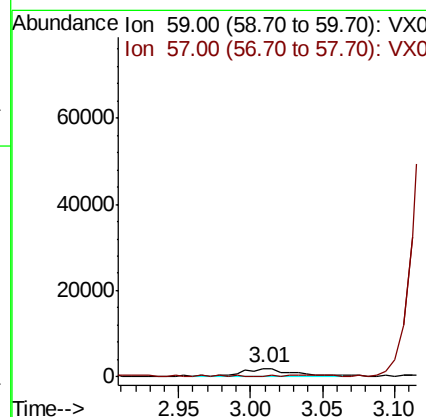
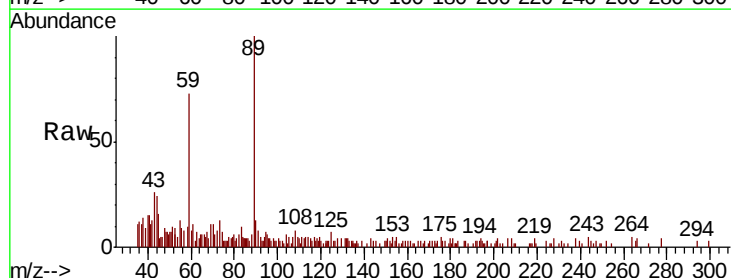
Instrument :
MSVOA_X
ClientSampleId :

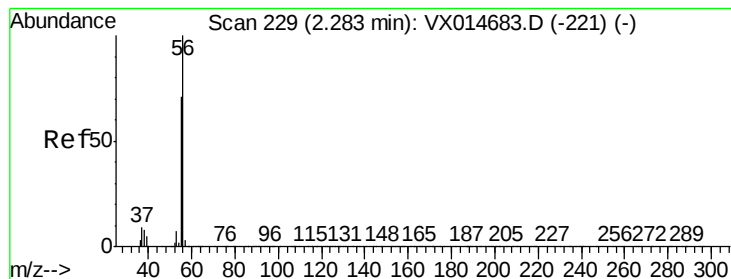
Tot Ion:142 Resp: 3309
Ion Ratio Lower Upper
142 100
127 43.1 31.1 46.7
141 21.7 11.3 16.9#



#11
Tert butyl alcohol
Concen: 3.967 ug/l
RT: 3.01 min Scan# 348
Delta R.T. -0.02 min
Lab File: VX014845.D
Acq: 06 Feb 2020 14:14

Tgt Ion: 59 Resp: 4456
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#13

Acrolein

Concen: 0.204 ug/l

RT: 2.28 min Scan# 228

Delta R.T. -0.01 min

Lab File: VX014845.D

Acq: 06 Feb 2020 14:14

Instrument :

MSVOA_X

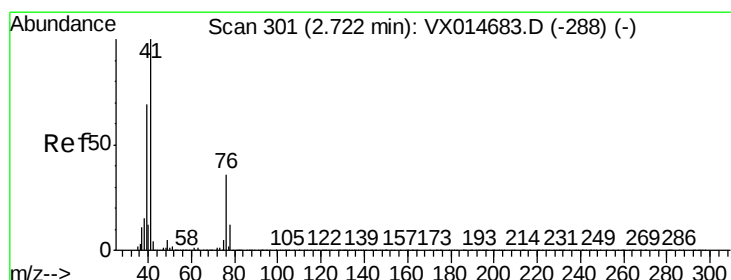
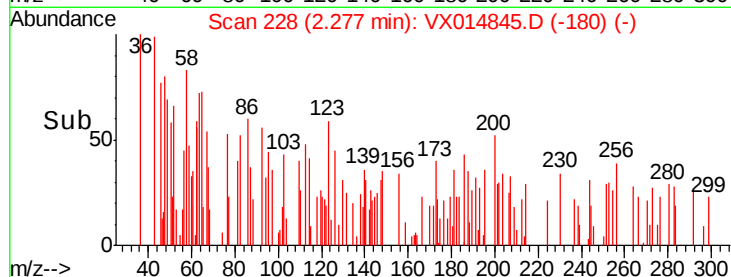
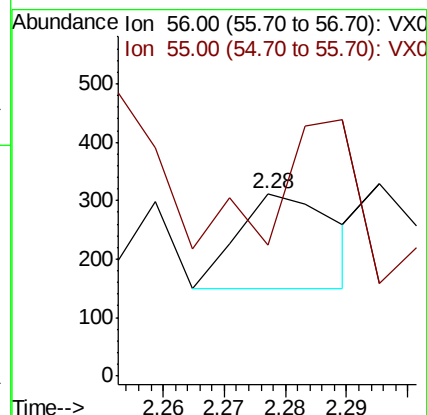
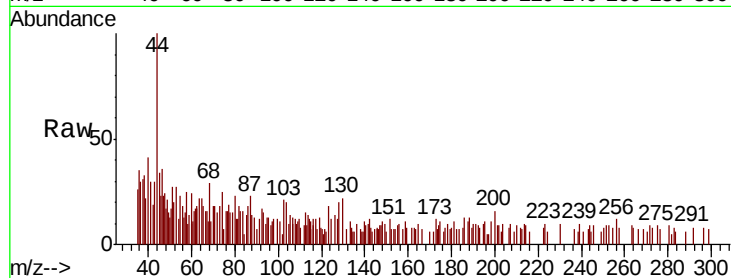
ClientSampleId :

Tot Ion: 56.00 Resp: 181

Ion Ratio Lower Upper

56 100

55 98.3 56.6 84.8#



#14

Allyl chloride

Concen: 7.115 ug/l

RT: 2.81 min Scan# 315

Delta R.T. 0.09 min

Lab File: VX014845.D

Acq: 06 Feb 2020 14:14

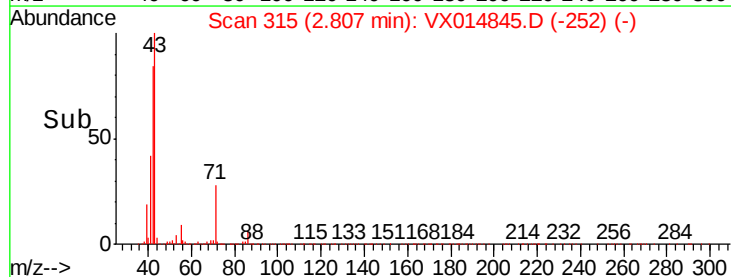
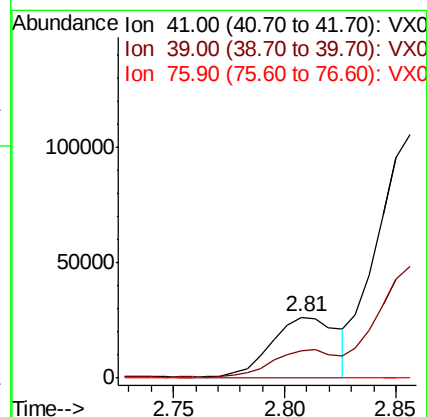
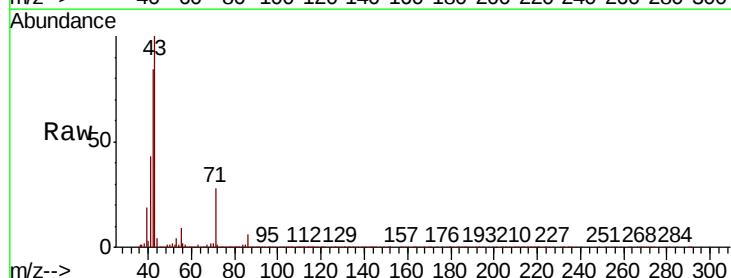
Tgt Ion: 41 Resp: 54465

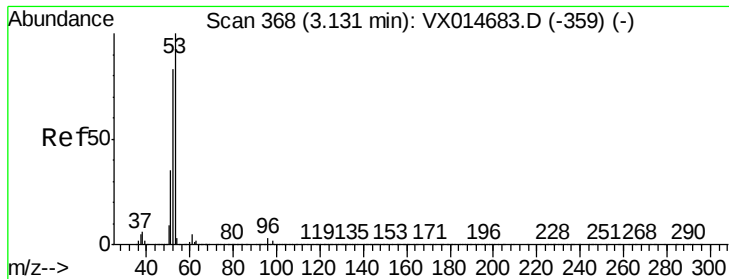
Ion Ratio Lower Upper

41 100

39 46.0 52.0 78.0#

76 0.7 26.0 39.0#





#15

Acrylonitrile

Concen: 6.947 ug/l

RT: 3.14 min Scan# 370

Delta R.T. 0.01 min

Lab File: VX014845.D

Acq: 06 Feb 2020 14:14

Instrument :

MSVOA_X

ClientSampled :

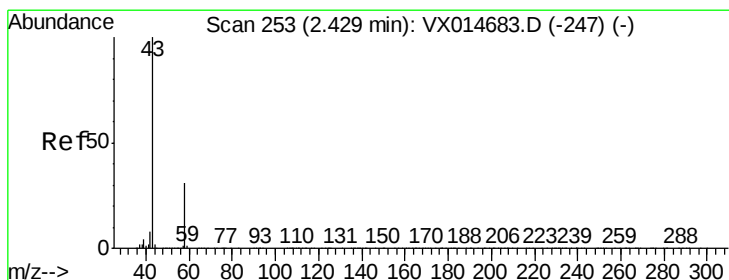
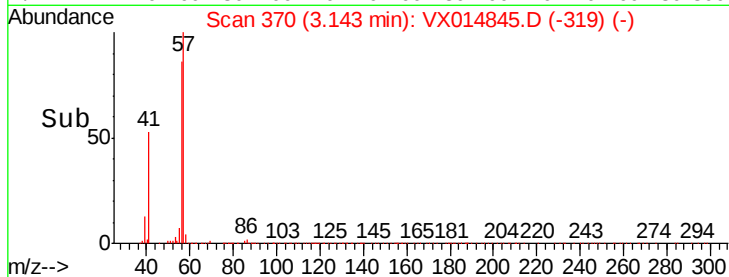
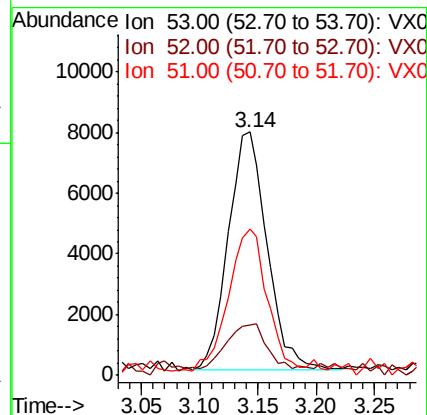
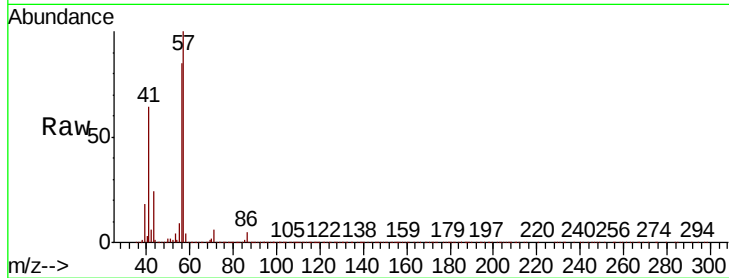
Tot Ion: 53 Resp: 18054

Ion Ratio Lower Upper

53 100

52 22.1 66.4 99.6#

51 58.7 28.7 43.1#



#16

Acetone

Concen: 2.249 ug/l

RT: 2.47 min Scan# 259

Delta R.T. 0.04 min

Lab File: VX014845.D

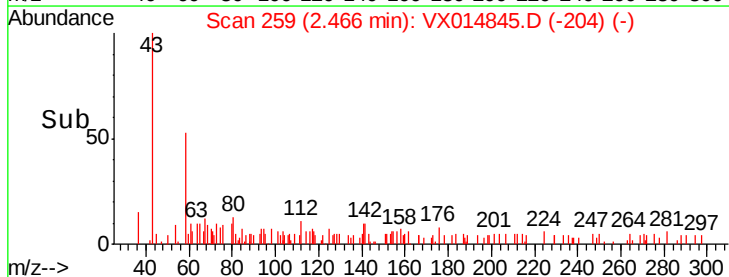
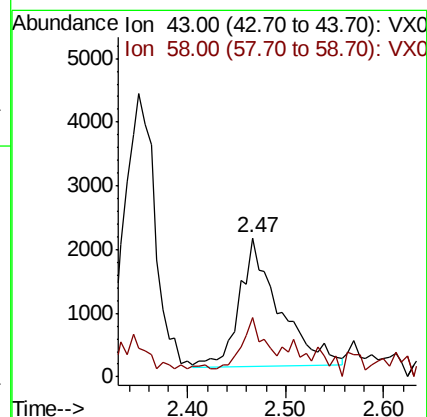
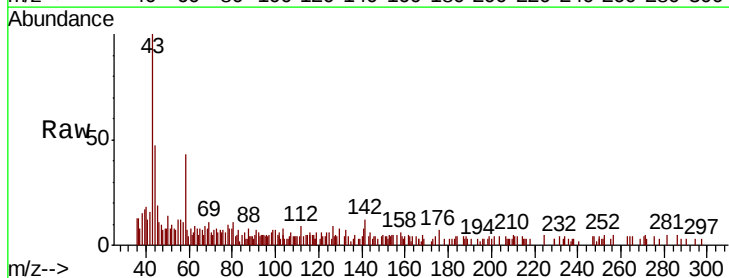
Acq: 06 Feb 2020 14:14

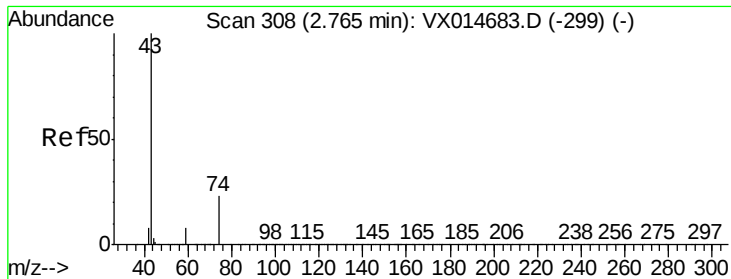
Tgt Ion: 43 Resp: 5758

Ion Ratio Lower Upper

43 100

58 46.7 24.5 36.7#

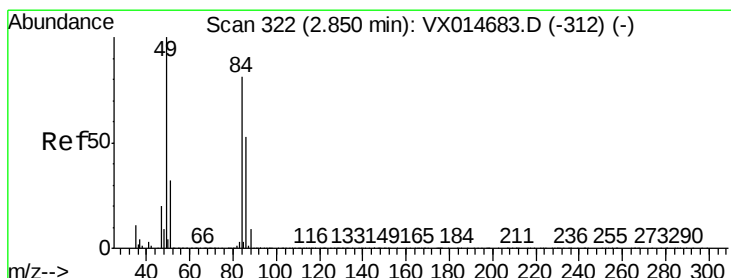
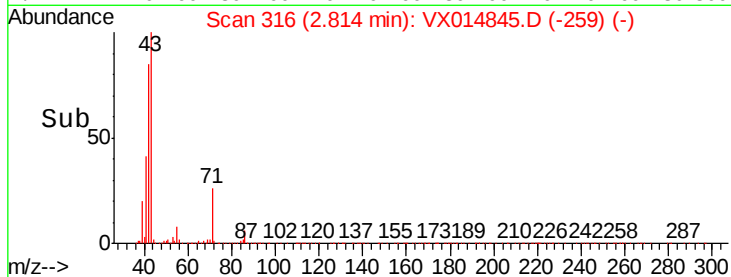
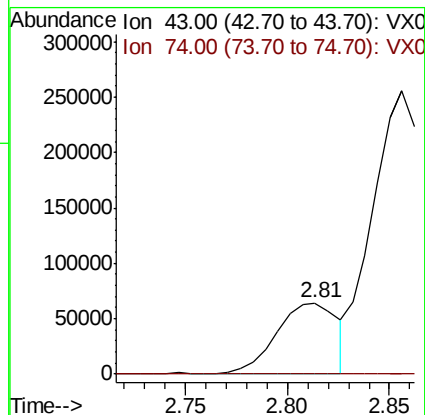
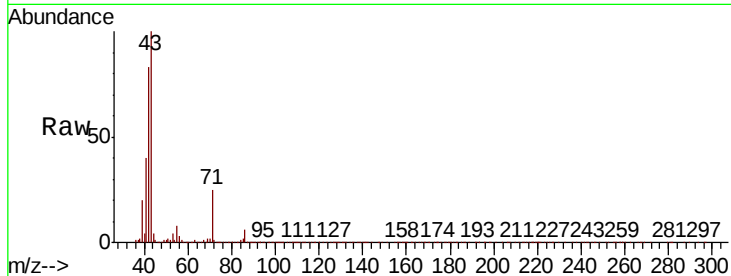




#18
Methyl Acetate
Concen: 16.848 ug/l
RT: 2.81 min Scan# 316
Delta R.T. 0.05 min
Lab File: VX014845.D
Acq: 06 Feb 2020 14:14

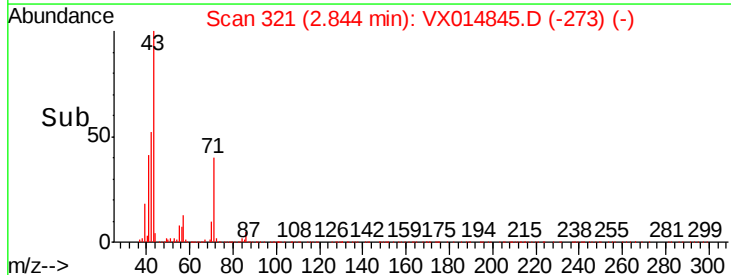
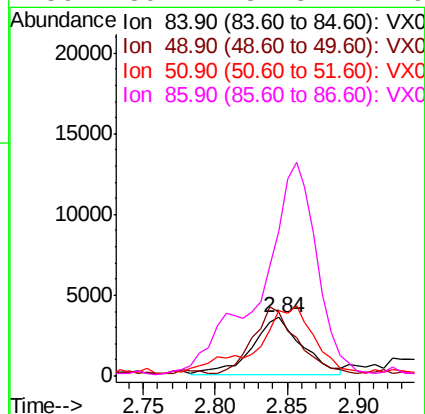
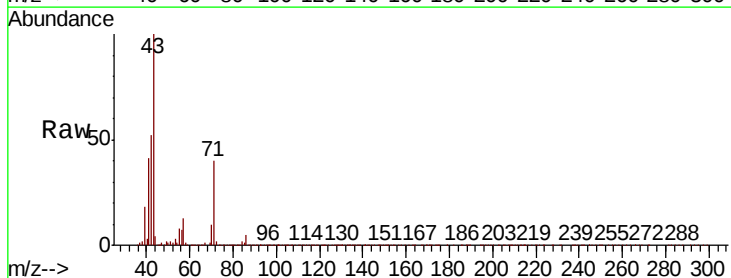
Instrument :
MSVOA_X
ClientSampled :

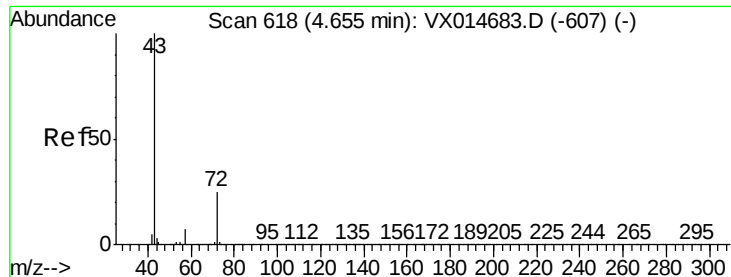
Tot Ion: 43 Resp: 131858
Ion Ratio Lower Upper
43 100
74 0.2 18.5 27.7#



#20
Methylene Chloride
Concen: 1.710 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014845.D
Acq: 06 Feb 2020 14:14

Tgt Ion: 84 Resp: 8673
Ion Ratio Lower Upper
84 100
49 106.0 98.2 147.4
51 104.3 31.3 46.9#
86 239.2 51.8 77.6#

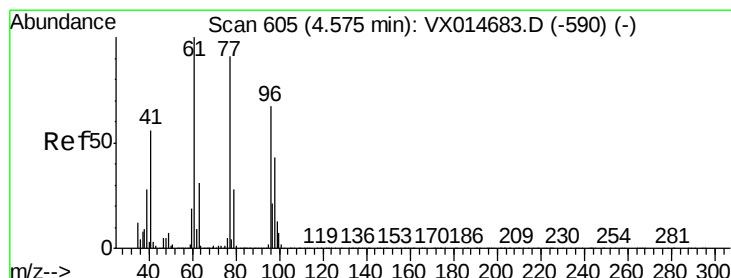
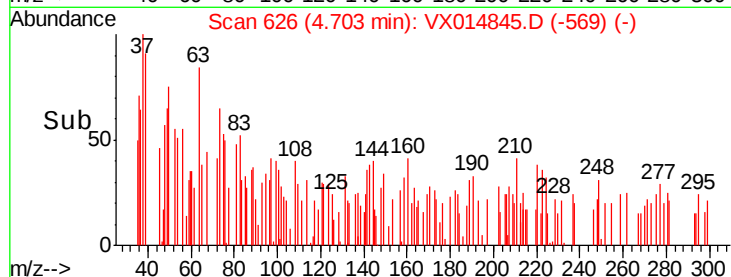
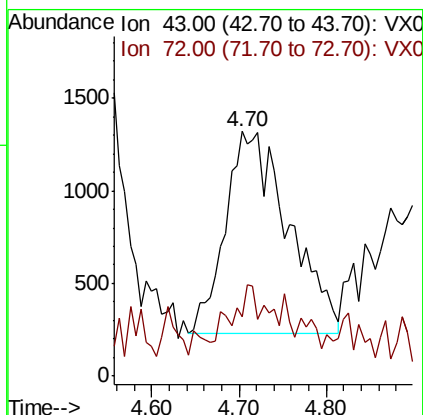
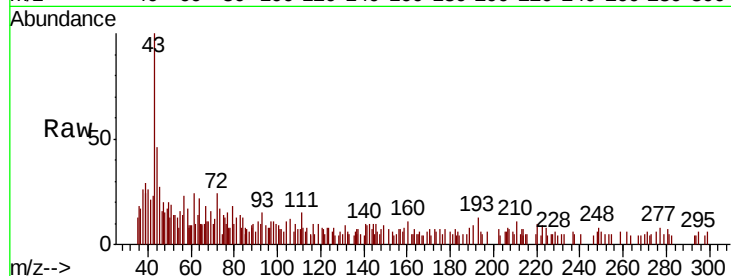




#25
2-Butanone
Concen: 1.391 ug/l
RT: 4.70 min Scan# 626
Delta R.T. 0.05 min
Lab File: VX014845.D
Acq: 06 Feb 2020 14:14

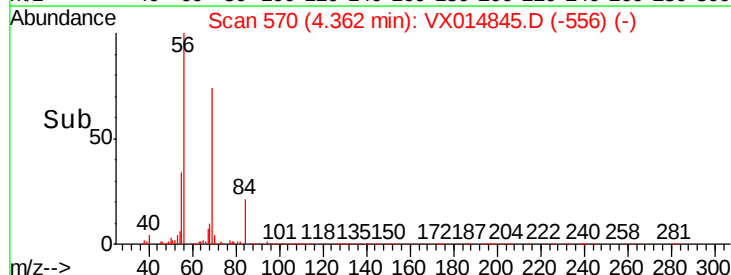
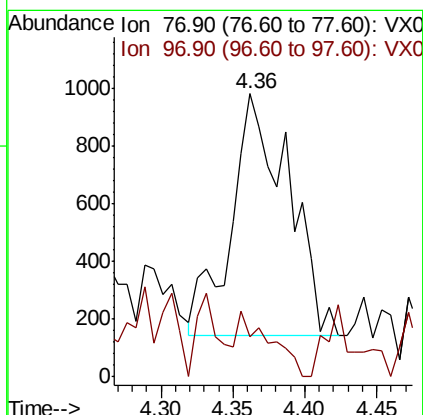
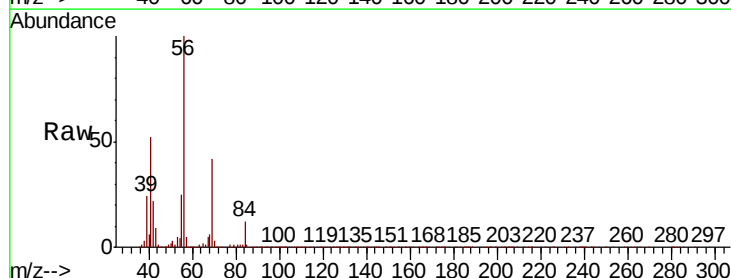
Instrument :
MSVOA_X
ClientSampleId :

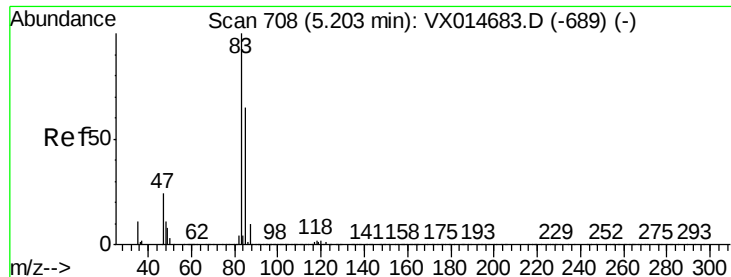
Tot Ion: 43 Resp: 5464
Ion Ratio Lower Upper
43 100
72 18.8 19.9 29.9#



#26
2,2-Dichloropropane
Concen: 0.350 ug/l
RT: 4.36 min Scan# 570
Delta R.T. -0.21 min
Lab File: VX014845.D
Acq: 06 Feb 2020 14:14

Tgt Ion: 77 Resp: 2315
Ion Ratio Lower Upper
77 100
97 14.9 11.8 35.3

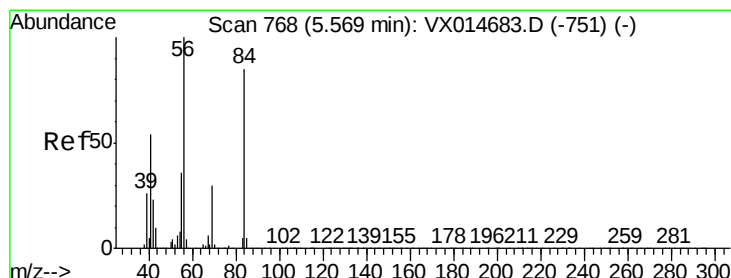
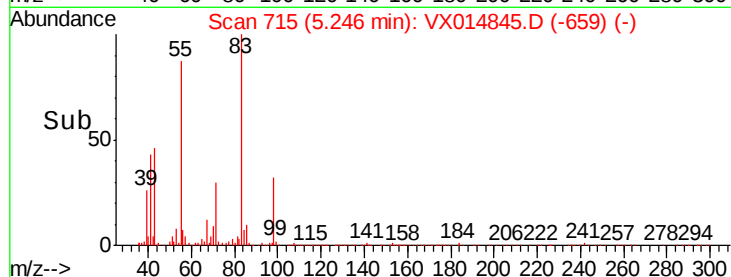
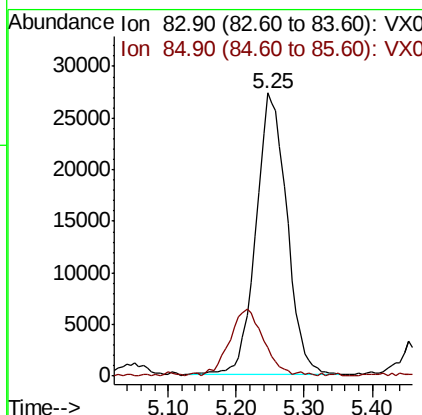
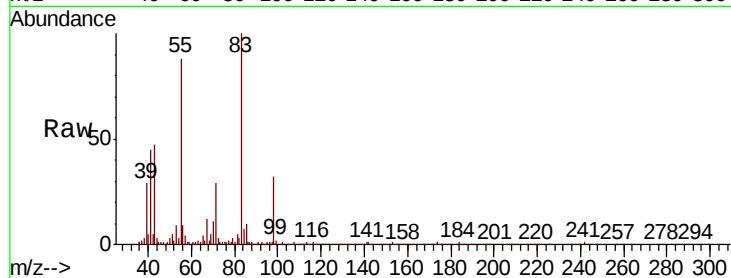




#30
Chloroform
Concen: 10.613 ug/l
RT: 5.25 min Scan# 715
Delta R.T. 0.04 min
Lab File: VX014845.D
Acq: 06 Feb 2020 14:14

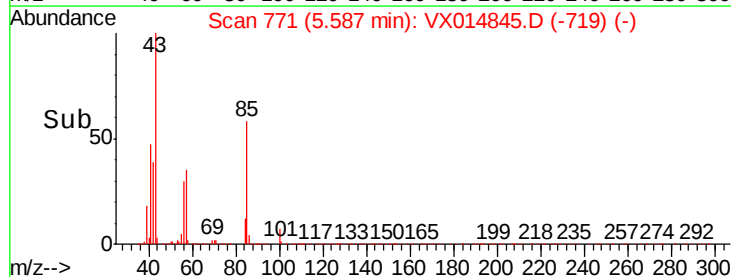
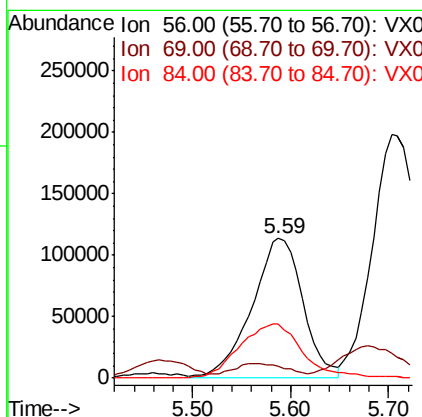
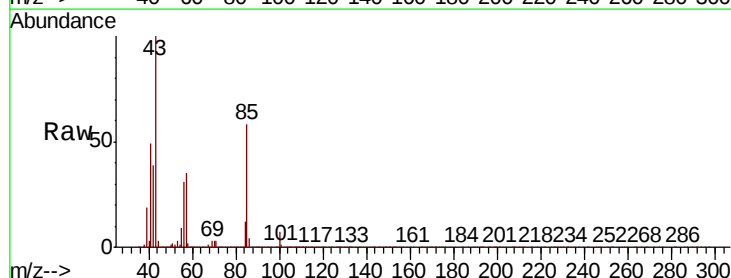
Instrument :
MSVOA_X
ClientSampleId :

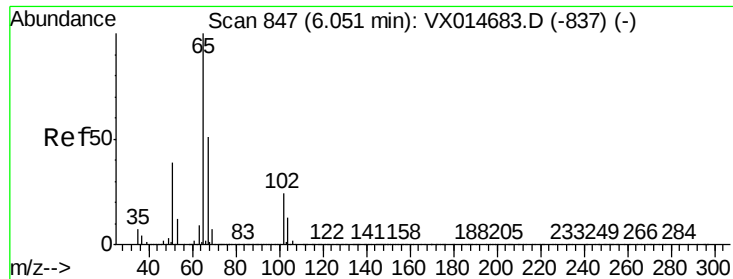
Tot Ion: 83 Resp: 86948
Ion Ratio Lower Upper
83 100
85 9.6 51.7 77.5#



#31
Cyclohexane
Concen: 52.950 ug/l
RT: 5.59 min Scan# 771
Delta R.T. 0.02 min
Lab File: VX014845.D
Acq: 06 Feb 2020 14:14

Tgt Ion: 56 Resp: 411888
Ion Ratio Lower Upper
56 100
69 0.1 23.4 35.2#
84 38.3 68.4 102.6#

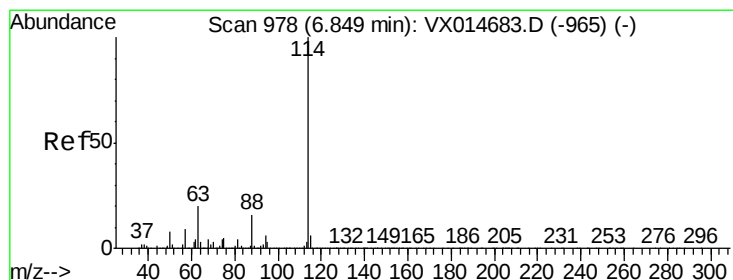
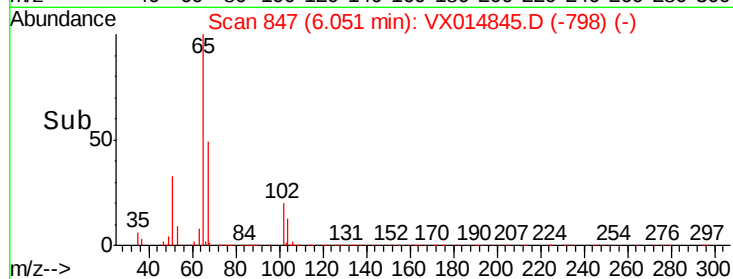
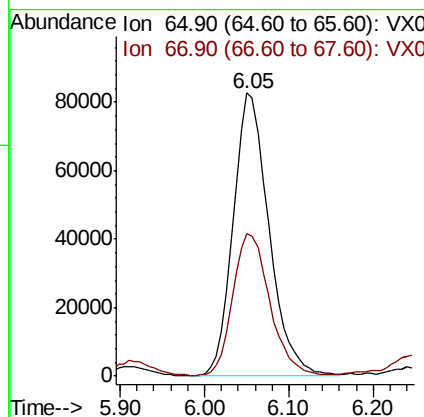
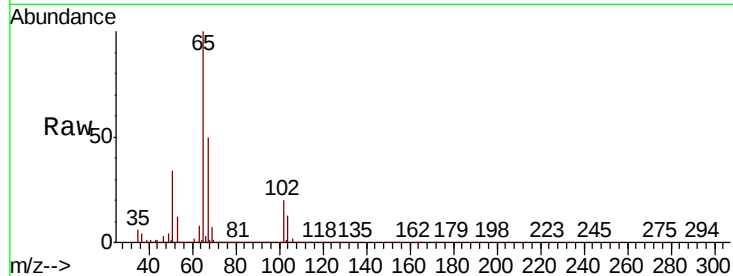




#33
 1,2-Dichloroethane-d4
 Concen: 47.421 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014845.D
 Acq: 06 Feb 2020 14:14

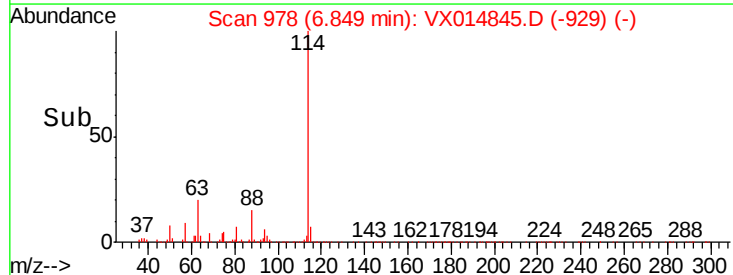
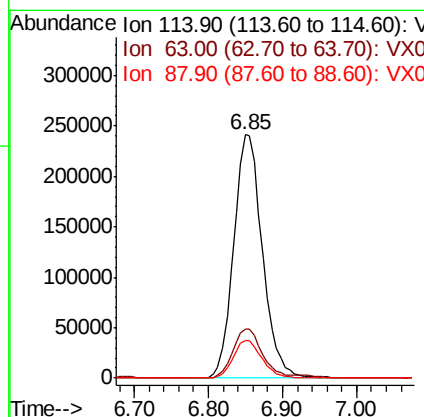
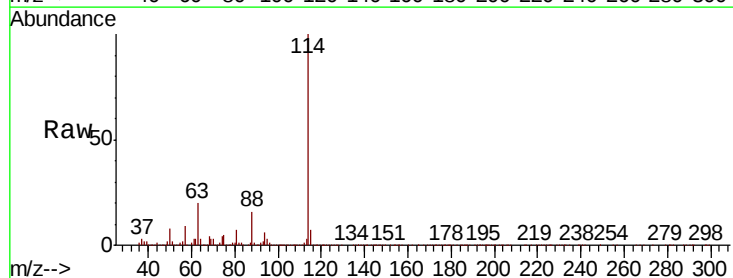
Instrument :
 MSVOA_X
 ClientSampleId :

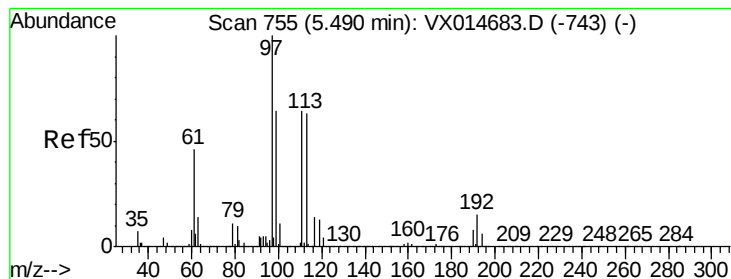
Tot Ion: 65 Resp: 237229
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014845.D
 Acq: 06 Feb 2020 14:14

Tgt Ion: 114 Resp: 649766
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 40.6
 88 15.5 0.0 31.2





#35

Dibromofluoromethane

Concen: 46.476 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014845.D

Acq: 06 Feb 2020 14:14

Instrument :
MSVOA_X
ClientSampleId :

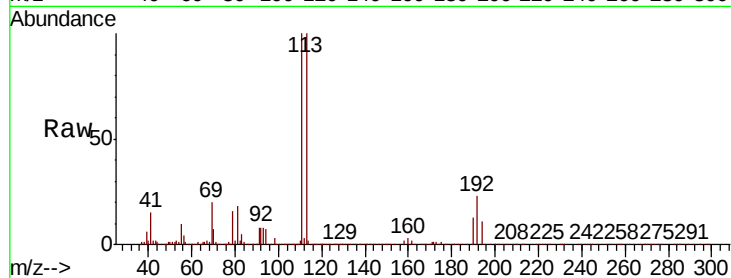
Tot Ion:113 Resp: 190552

Ion Ratio Lower Upper

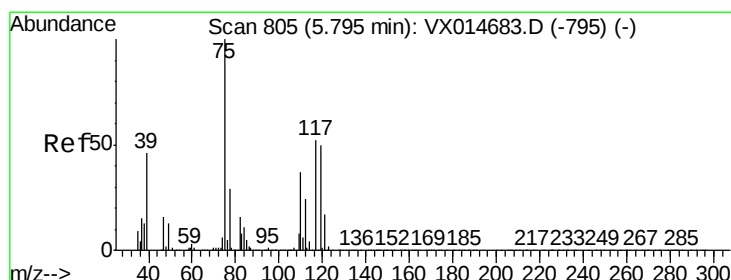
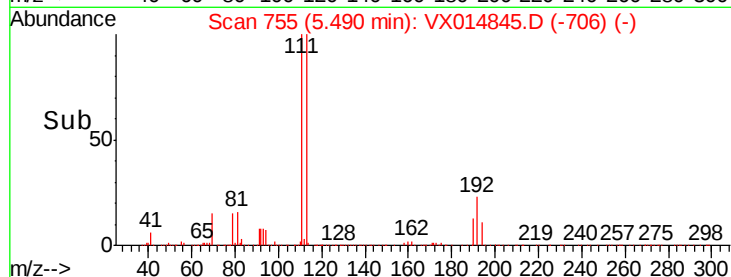
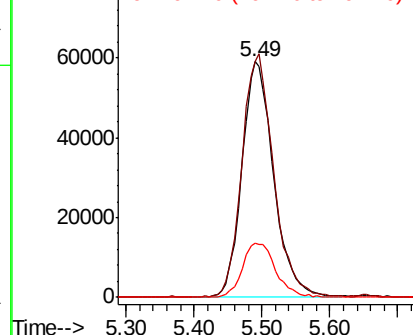
113 100

111 103.2 80.7 121.1

192 24.4 18.5 27.7



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: 4.717 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.14 min

Lab File: VX014845.D

Acq: 06 Feb 2020 14:14

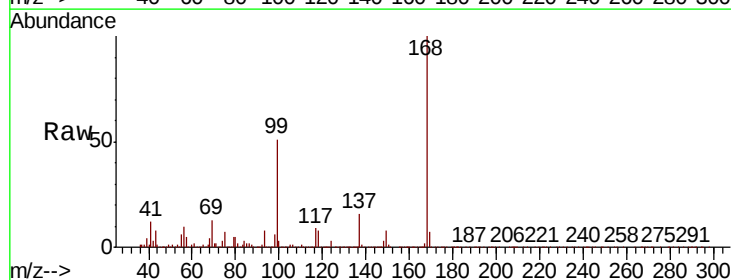
Tgt Ion: 75 Resp: 28481

Ion Ratio Lower Upper

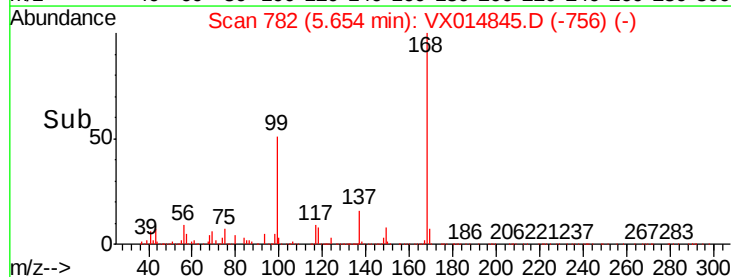
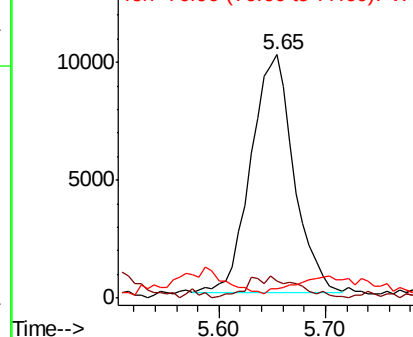
75 100

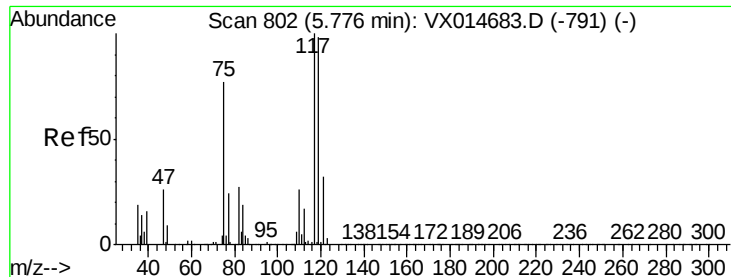
110 0.0 17.9 53.7#

77 0.0 24.1 36.1#



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.570 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.12 min

Lab File: VX014845.D

Acq: 06 Feb 2020 14:14

Instrument :
MSVOA_X
ClientSampleId :

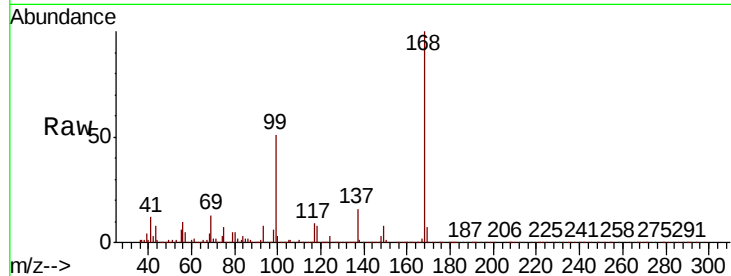
Tot Ion:117 Resp: 37884

Ion Ratio Lower Upper

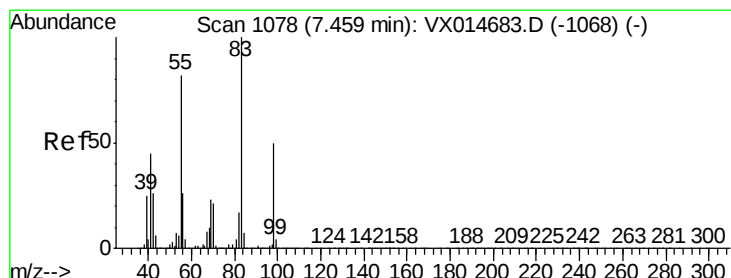
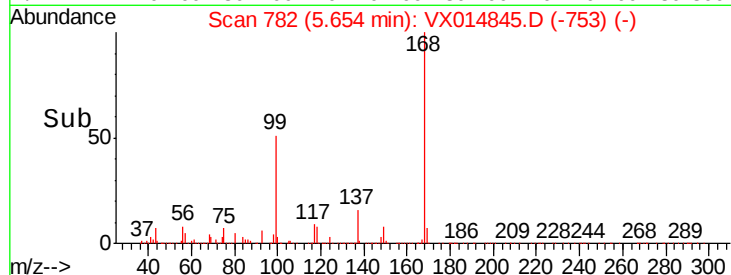
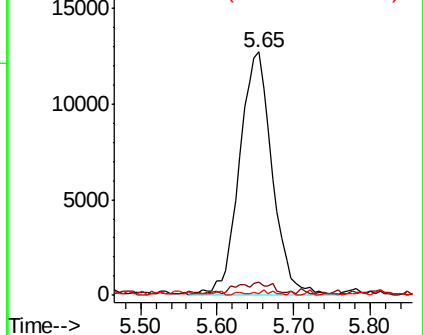
117 100

119 3.5 77.9 116.9#

121 1.2 25.4 38.2#



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 145.434 ug/l

RT: 7.45 min Scan# 1077

Delta R.T. -0.01 min

Lab File: VX014845.D

Acq: 06 Feb 2020 14:14

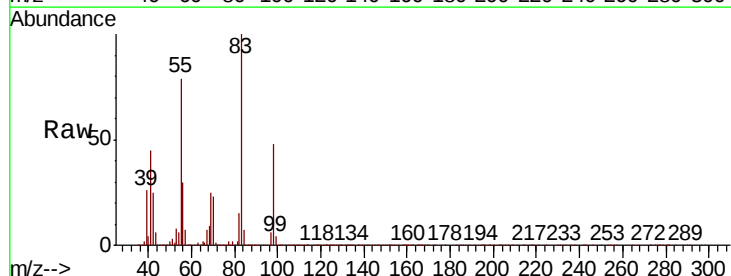
Tgt Ion: 83 Resp: 1100026

Ion Ratio Lower Upper

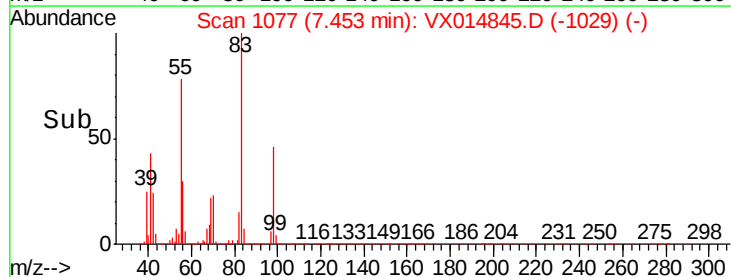
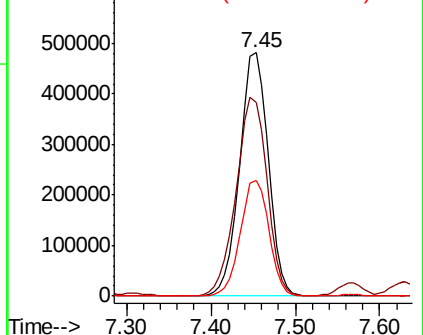
83 100

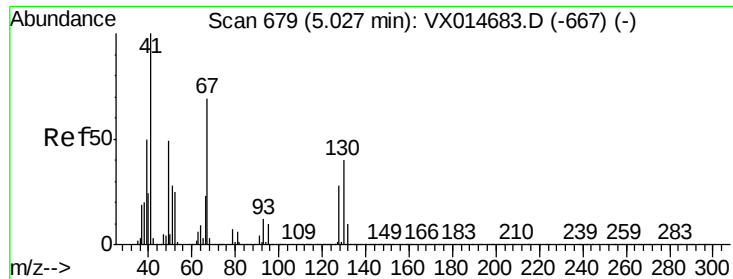
55 79.2 65.6 98.4

98 47.6 40.2 60.4



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

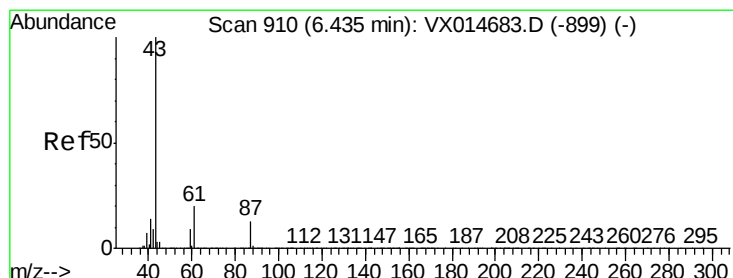
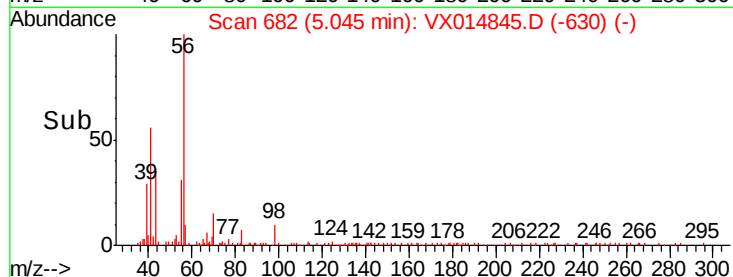
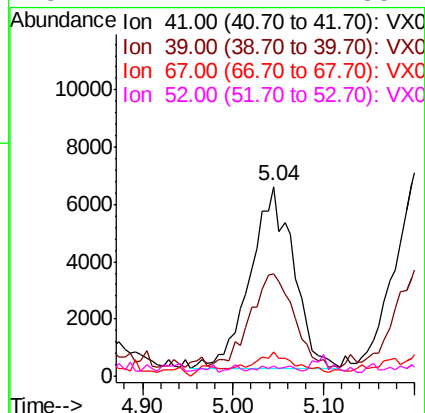
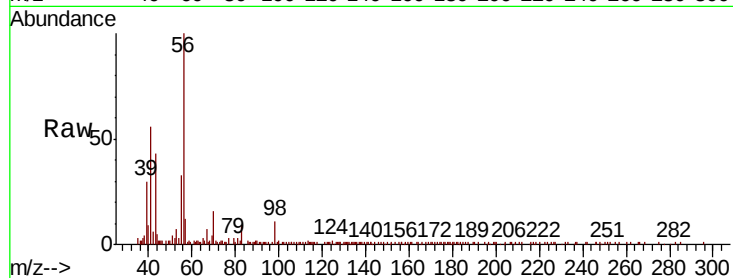




#41
Methacrylonitrile
Concen: 5.162 ug/l
RT: 5.04 min Scan# 682
Delta R.T. 0.02 min
Lab File: VX014845.D
Acq: 06 Feb 2020 14:14

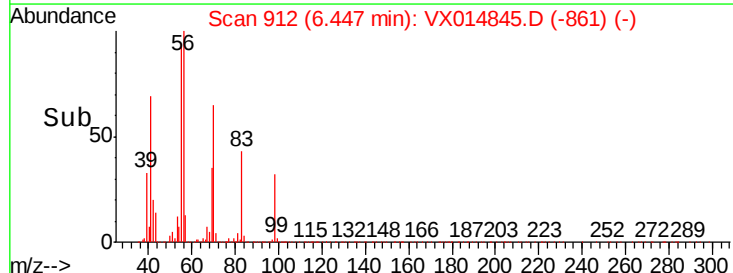
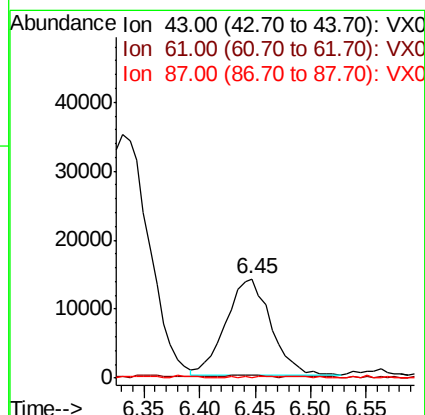
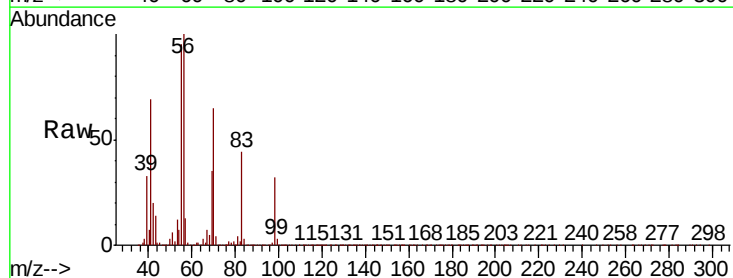
Instrument :
MSVOA_X
ClientSampleId :

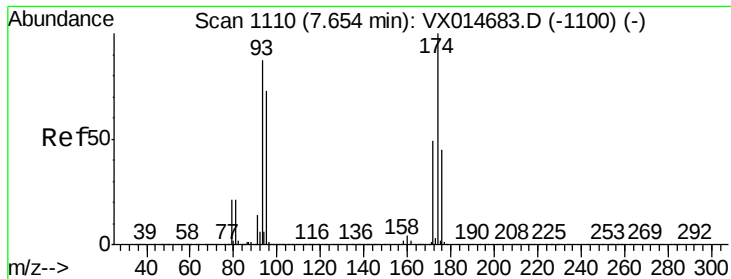
Tot Ion:	41	Resp:	21265
Ion	Ratio	Lower	Upper
41	100		
39	51.5	42.2	63.2
67	11.3	55.4	83.0#
52	1.4	22.1	33.1#



#43
Isopropyl Acetate
Concen: 3.410 ug/l
RT: 6.45 min Scan# 912
Delta R.T. 0.01 min
Lab File: VX014845.D
Acq: 06 Feb 2020 14:14

Tgt Ion:	43	Resp:	38615
Ion	Ratio	Lower	Upper
43	100		
61	0.0	16.2	24.4#
87	0.5	10.5	15.7#





#46

Dibromomethane

Concen: 1.020 ug/l

RT: 7.62 min Scan# 1105

Delta R.T. -0.03 min

Lab File: VX014845.D

Acq: 06 Feb 2020 14:14

Instrument :

MSVOA_X

ClientSampleId :

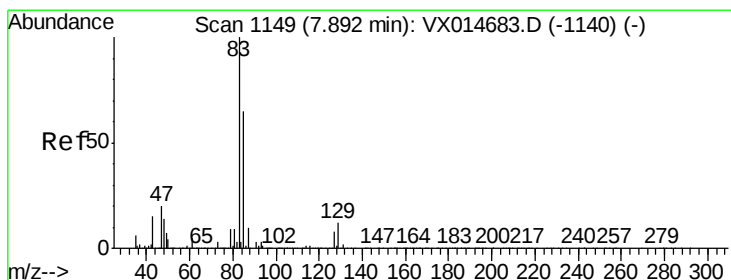
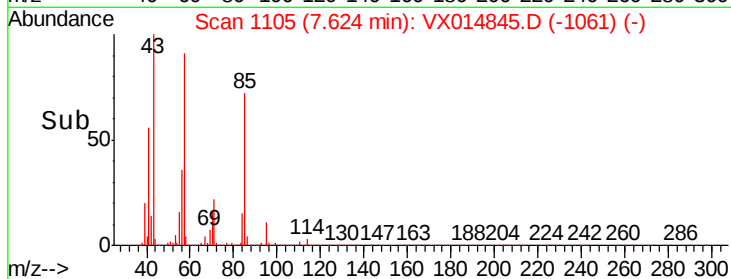
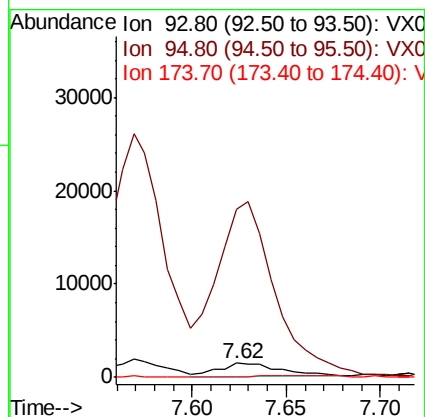
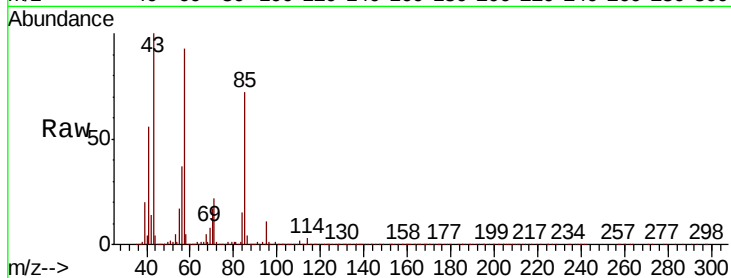
Tot Ion: 93 Resp: 3174

Ion Ratio Lower Upper

93 100

95 1264.2 67.0 100.4#

174 0.0 90.2 135.2#



#47

Bromodichloromethane

Concen: 5.981 ug/l

RT: 7.84 min Scan# 1140

Delta R.T. -0.05 min

Lab File: VX014845.D

Acq: 06 Feb 2020 14:14

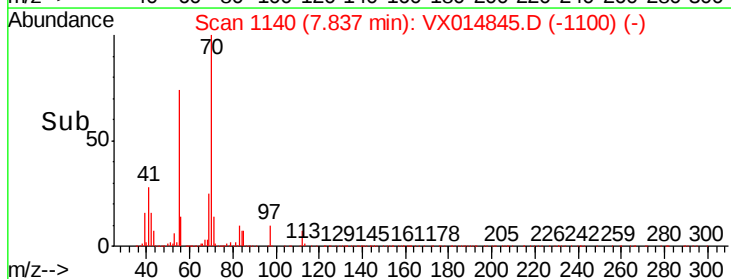
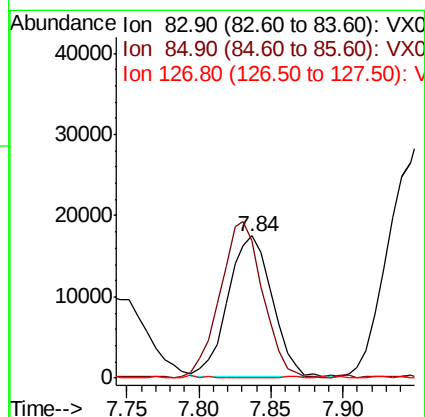
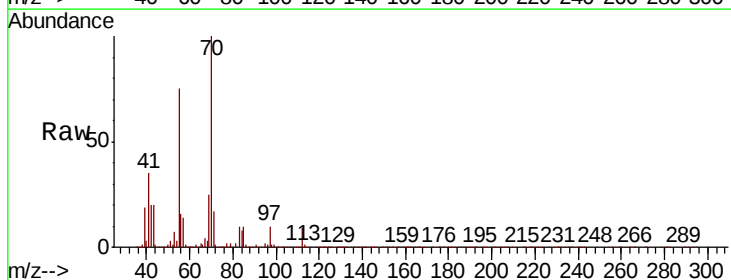
Tgt Ion: 83 Resp: 36512

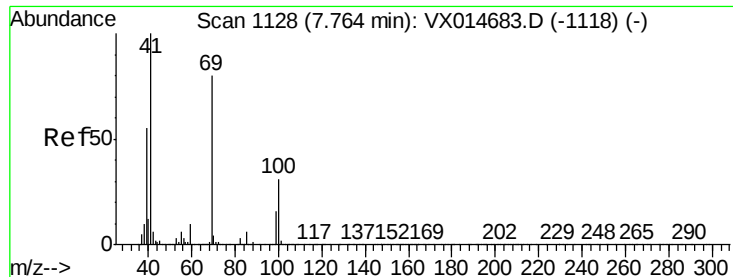
Ion Ratio Lower Upper

83 100

85 96.0 52.2 78.2#

127 0.0 6.4 9.6#

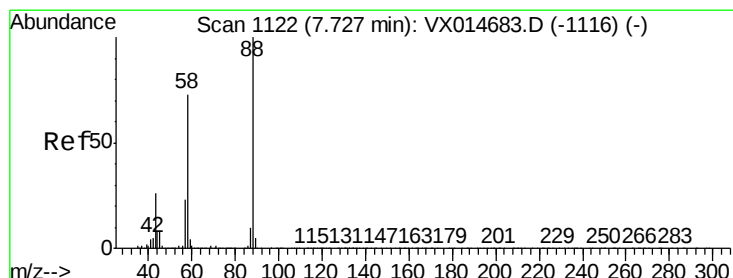
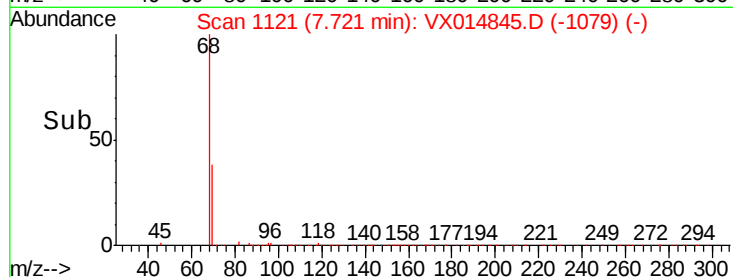
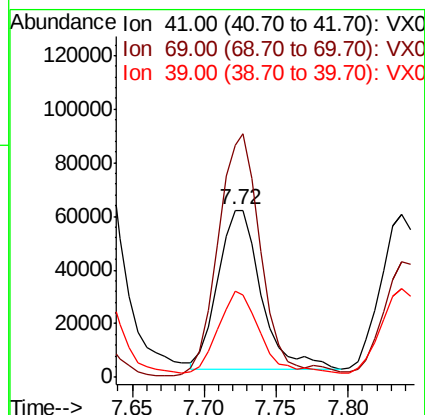
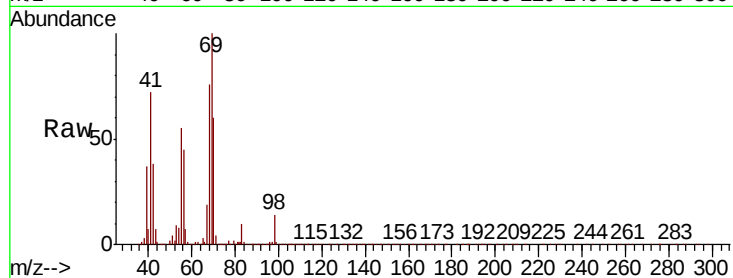




#48
Methyl methacrylate
Concen: 23.242 ug/l
RT: 7.72 min Scan# 1121
Delta R.T. -0.04 min
Lab File: VX014845.D
Acq: 06 Feb 2020 14:14

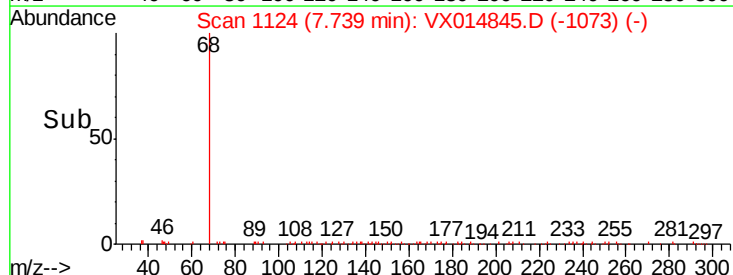
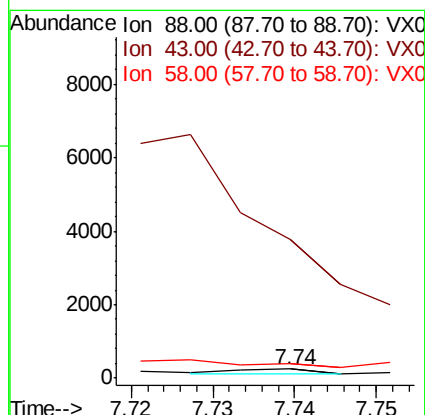
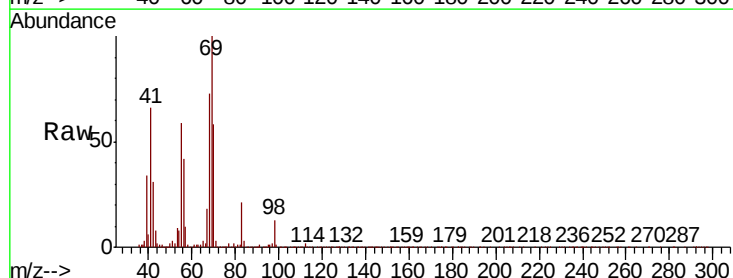
Instrument :
MSVOA_X
ClientSampled :

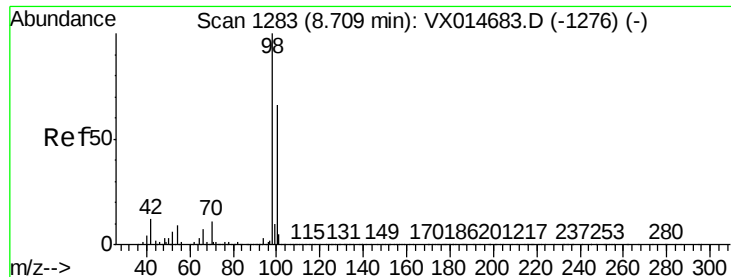
Tot Ion: 41 Resp: 125749
Ion Ratio Lower Upper
41 100
69 149.7 63.5 95.3#
39 48.5 43.7 65.5



#49
1,4-Dioxane
Concen: 0.872 ug/l
RT: 7.74 min Scan# 1124
Delta R.T. 0.01 min
Lab File: VX014845.D
Acq: 06 Feb 2020 14:14

Tgt Ion: 88 Resp: 100
Ion Ratio Lower Upper
88 100
43 0.0 26.2 39.2#
58 537.0 56.6 85.0#





#50

Toluene-d8

Concen: 50.545 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014845.D

Acq: 06 Feb 2020 14:14

Instrument :

MSVOA_X

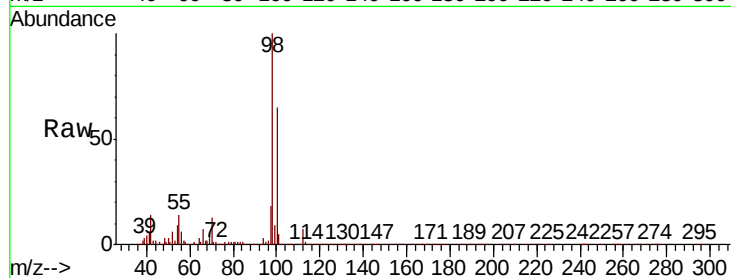
ClientSampleId :

Tot Ion: 98 Resp: 796683

Ion Ratio Lower Upper

98 100

100 64.2 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.71

500000

400000

300000

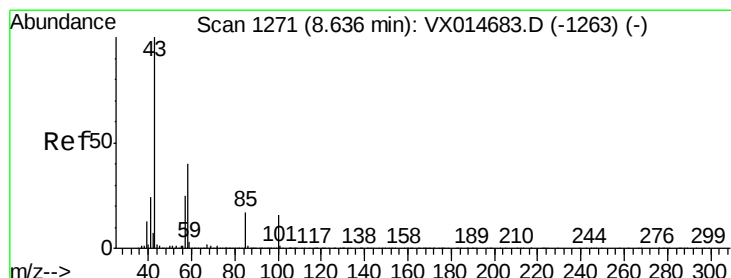
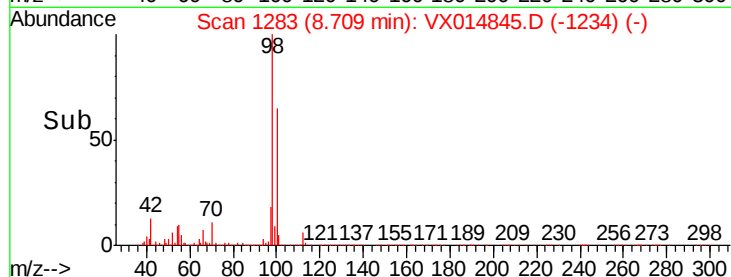
200000

100000

0

8.65 8.70 8.75 8.80

Time-->



#51

4-Methyl-2-Pentanone

Concen: 18.878 ug/l

RT: 8.67 min Scan# 1276

Delta R.T. 0.03 min

Lab File: VX014845.D

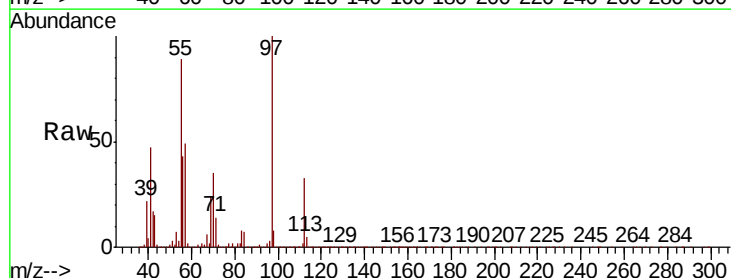
Acq: 06 Feb 2020 14:14

Tgt Ion: 43 Resp: 134923

Ion Ratio Lower Upper

43 100

58 12.7 31.6 47.4#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.67

60000

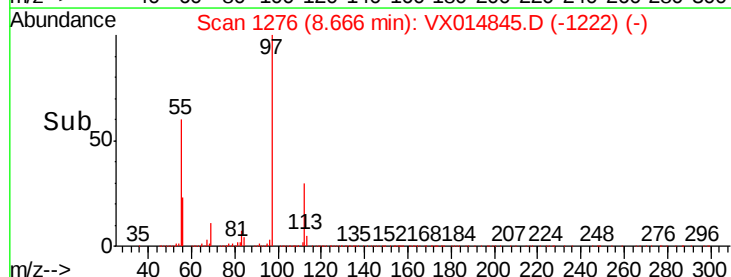
40000

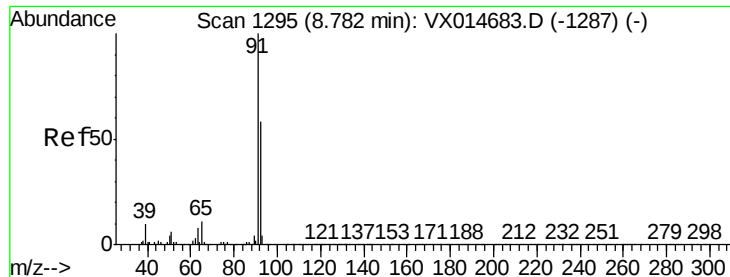
20000

0

8.60 8.70 8.80

Time-->





#52

Toluene

Concen: 0.226 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX014845.D

Acq: 06 Feb 2020 14:14

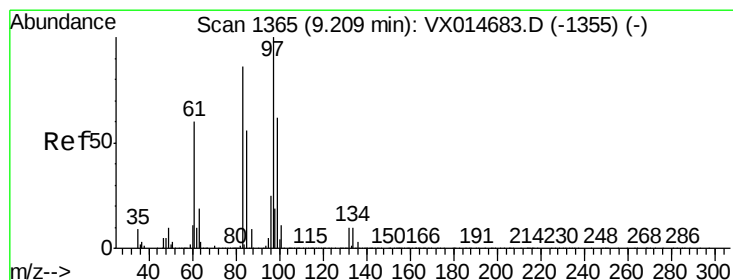
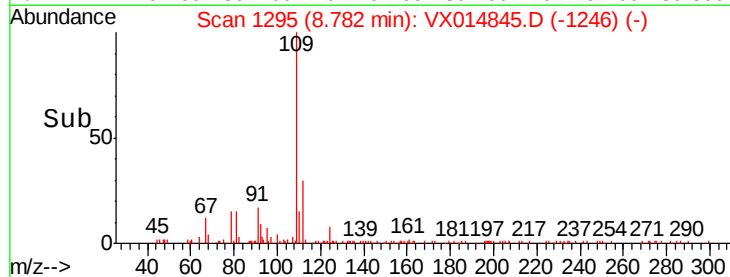
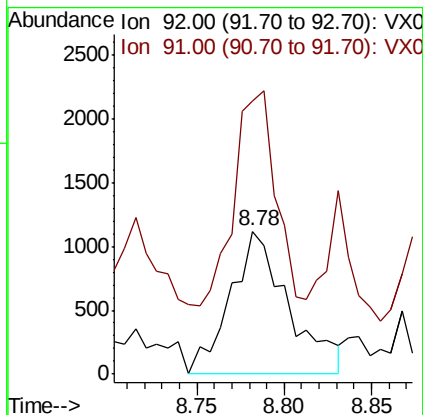
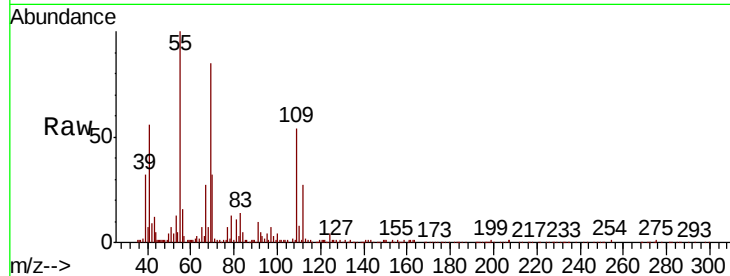
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 92 Resp: 2587

Ion Ratio Lower Upper

92 100

91 107.0 135.9 203.9#



#55

1,1,2-Trichloroethane

Concen: 78.553 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. -0.05 min

Lab File: VX014845.D

Acq: 06 Feb 2020 14:14

Tgt Ion: 97 Resp: 368805

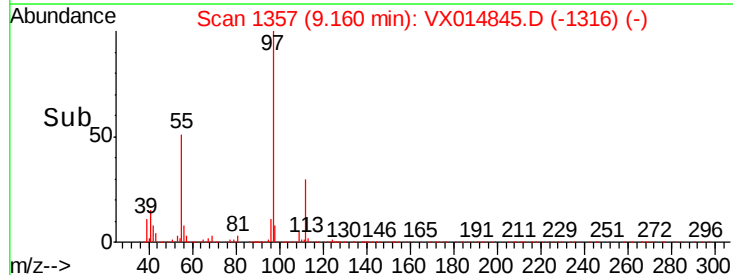
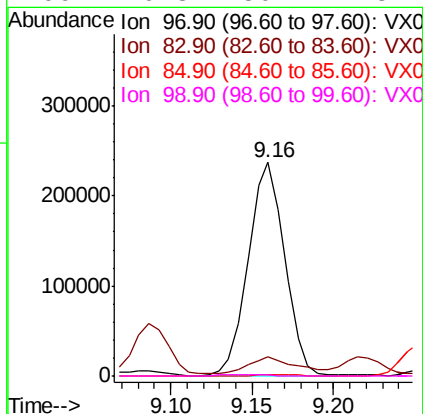
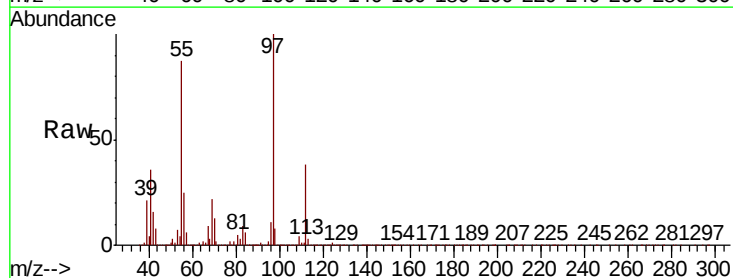
Ion Ratio Lower Upper

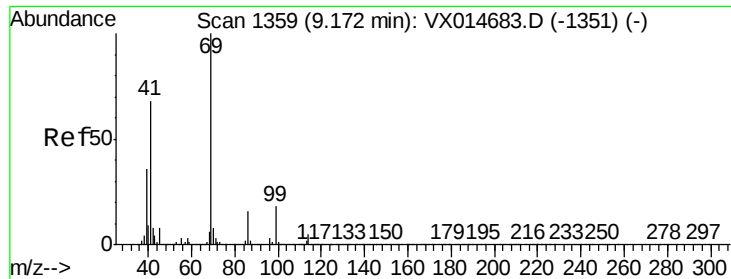
97 100

83 7.0 69.2 103.8#

85 0.4 44.6 67.0#

99 0.3 50.1 75.1#

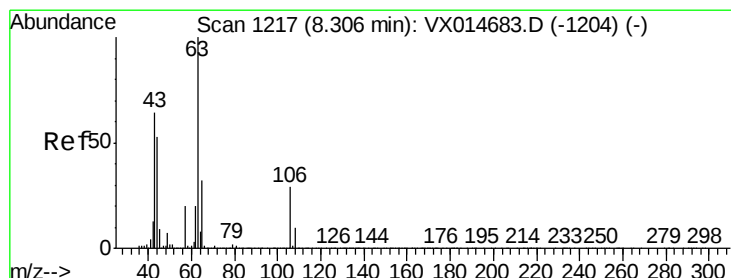
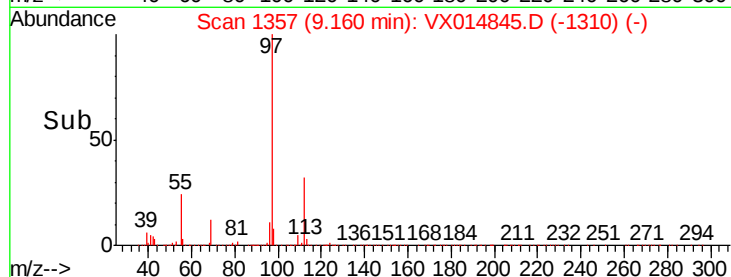
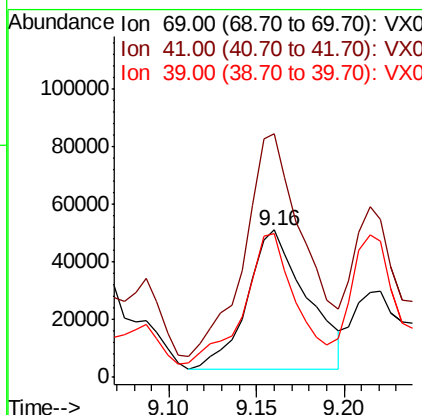
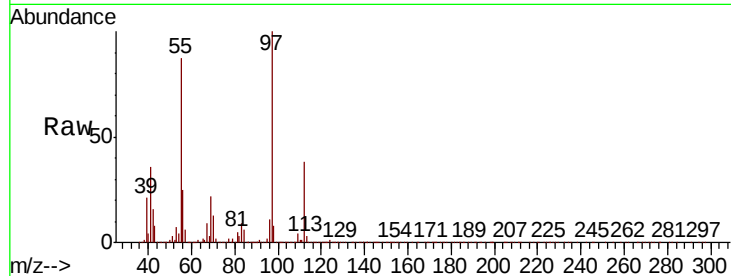




#56
Ethyl methacrylate
Concen: 15.565 ug/l
RT: 9.16 min Scan# 1357
Delta R.T. -0.01 min
Lab File: VX014845.D
Acq: 06 Feb 2020 14:14

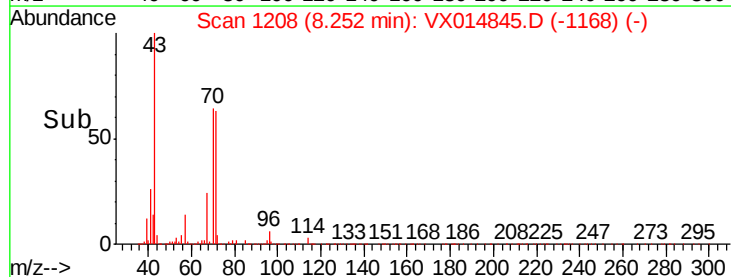
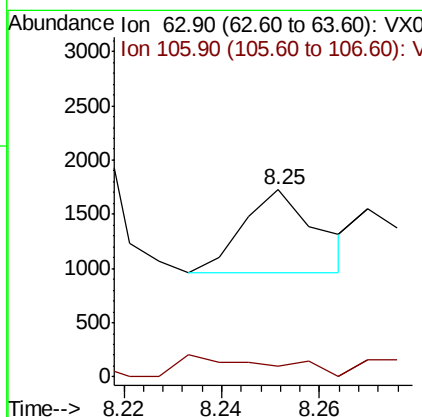
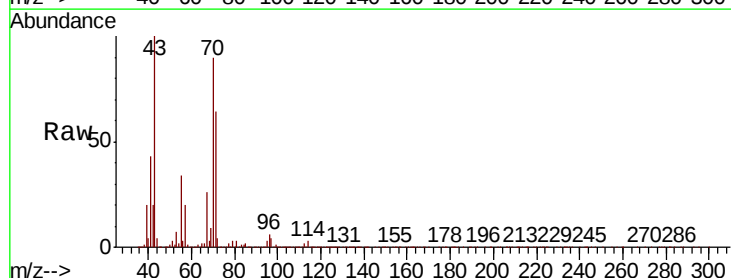
Instrument :
MSVOA_X
ClientSampleId :

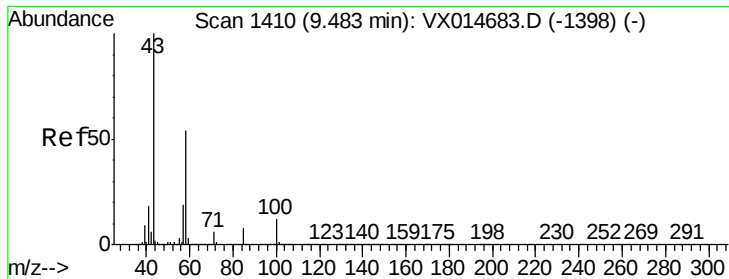
Tot Ion: 69 Resp: 113748
Ion Ratio Lower Upper
69 100
41 159.7 54.9 82.3#
39 79.4 29.3 43.9#



#58
2-Chloroethyl Vinyl ether
Concen: 0.344 ug/l
RT: 8.25 min Scan# 1208
Delta R.T. -0.05 min
Lab File: VX014845.D
Acq: 06 Feb 2020 14:14

Tgt Ion: 63 Resp: 813
Ion Ratio Lower Upper
63 100
106 18.7 22.7 34.1#

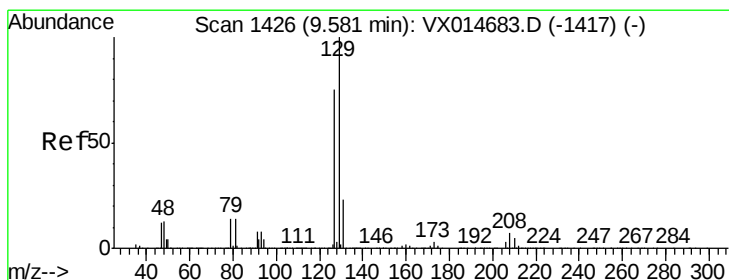
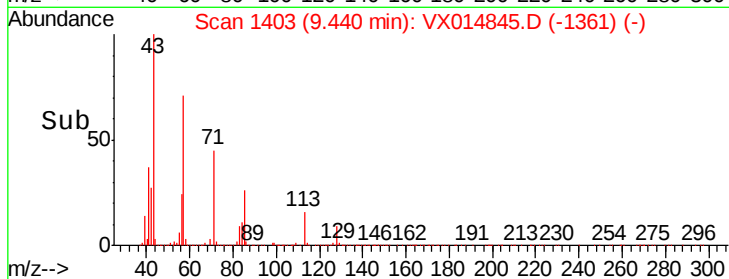
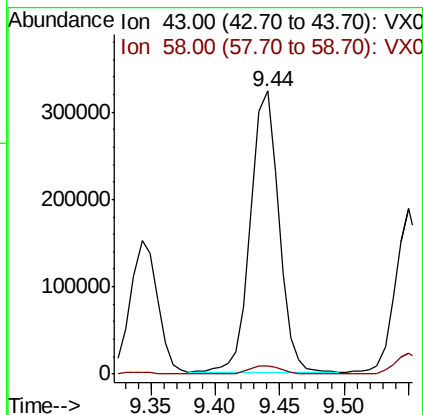
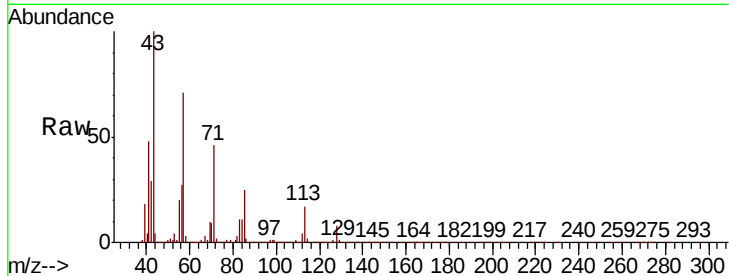




#59
2-Hexanone
Concen: 87.597 ug/l
RT: 9.44 min Scan# 1403
Delta R.T. -0.04 min
Lab File: VX014845.D
Acq: 06 Feb 2020 14:14

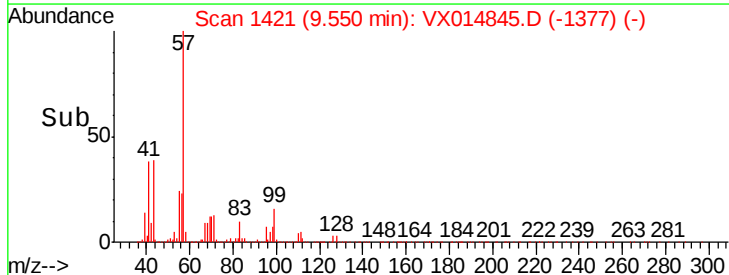
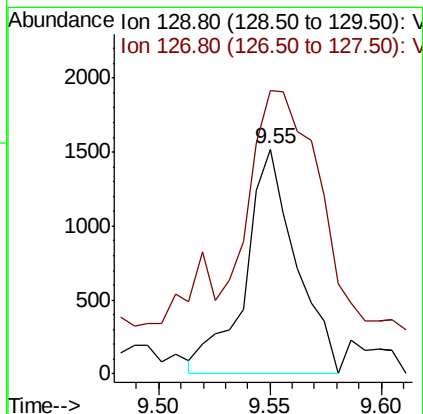
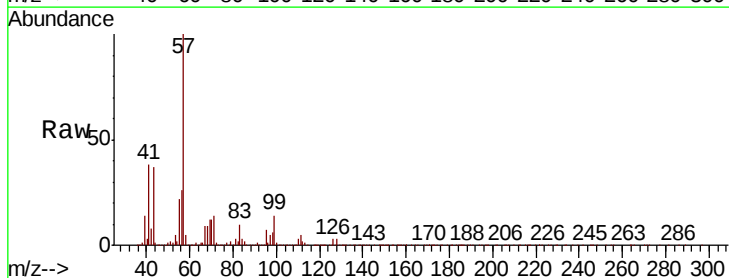
Instrument :
MSVOA_X
ClientSampleId :

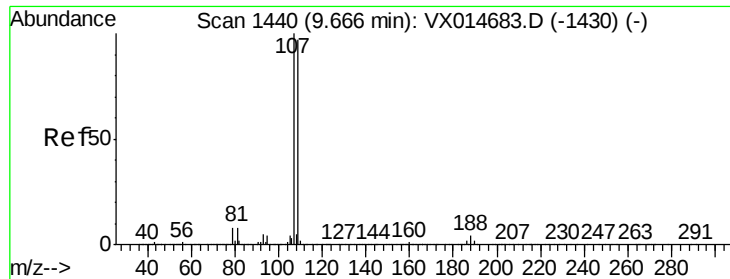
Tot Ion: 43 Resp: 485812
Ion Ratio Lower Upper
43 100
58 3.5 27.2 81.5#



#60
Dibromochloromethane
Concen: 0.492 ug/l
RT: 9.55 min Scan# 1421
Delta R.T. -0.03 min
Lab File: VX014845.D
Acq: 06 Feb 2020 14:14

Tgt Ion: 129 Resp: 2413
Ion Ratio Lower Upper
129 100
127 211.3 38.5 115.5#





#61

1,2-Dibromoethane

Concen: 0.219 ug/l

RT: 9.66 min Scan# 1439

Delta R.T. -0.01 min

Lab File: VX014845.D

Acq: 06 Feb 2020 14:14

Instrument :

MSVOA_X

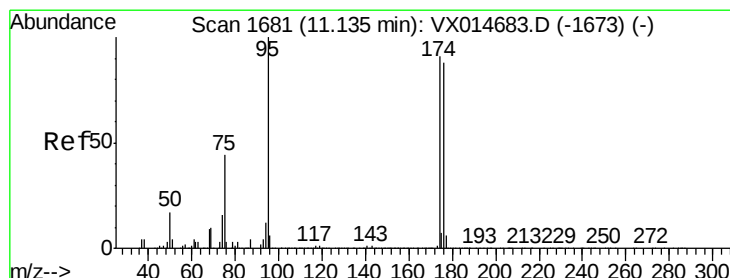
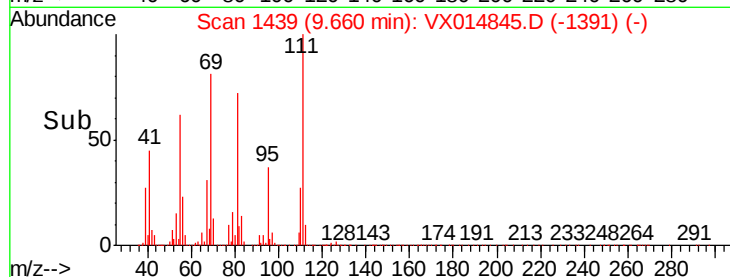
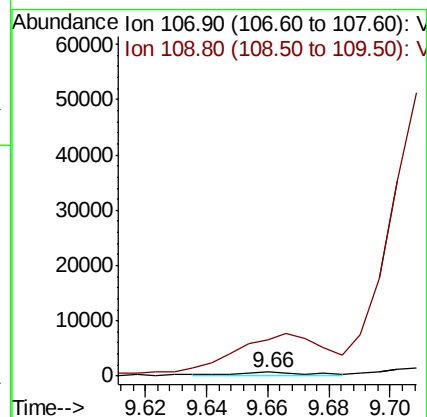
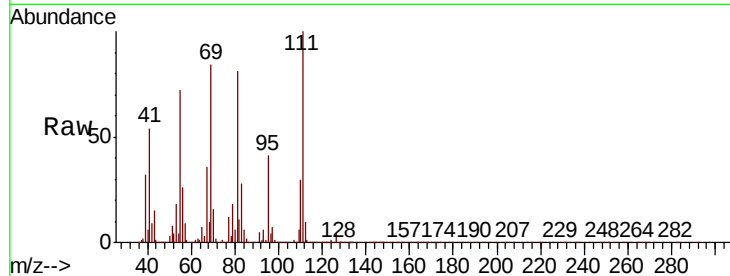
ClientSampleId :

Tot Ion:107 Resp: 1085

Ion Ratio Lower Upper

107 100

109 1398.2 76.2 114.2#



#62

4-Bromofluorobenzene

Concen: 53.199 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX014845.D

Acq: 06 Feb 2020 14:14

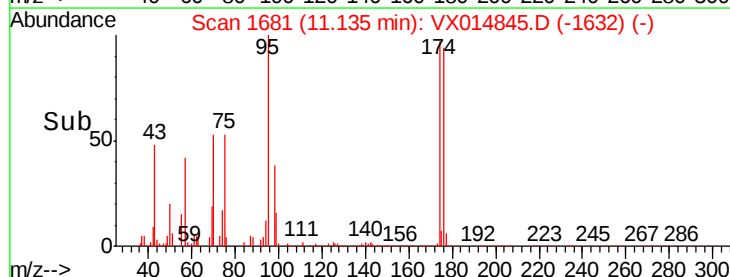
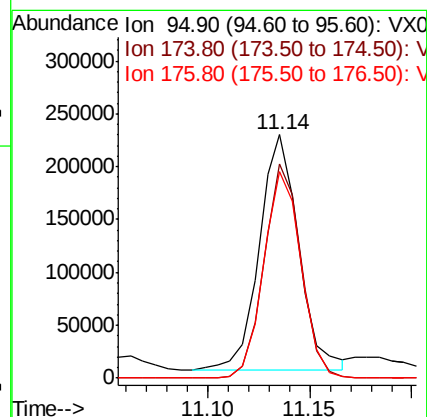
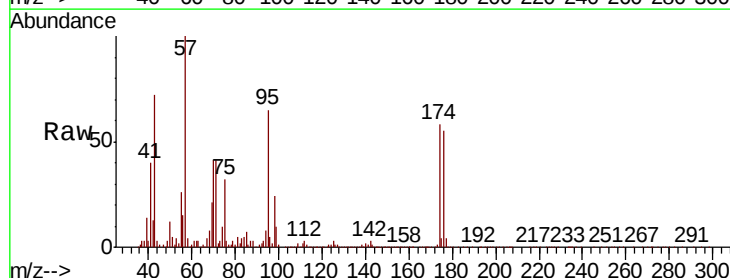
Tgt Ion: 95 Resp: 298699

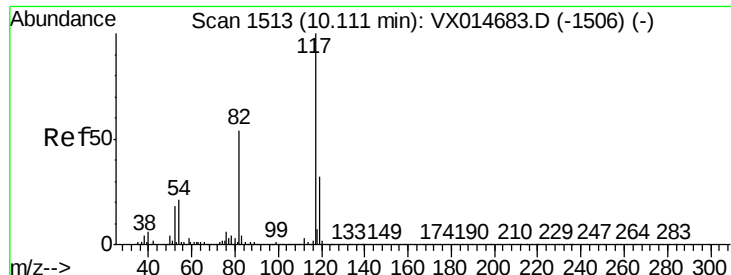
Ion Ratio Lower Upper

95 100

174 85.7 0.0 176.0

176 83.8 0.0 172.2

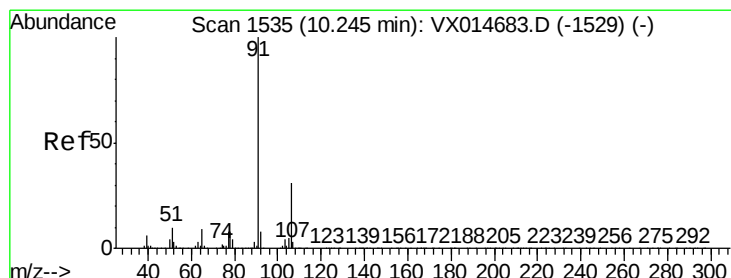
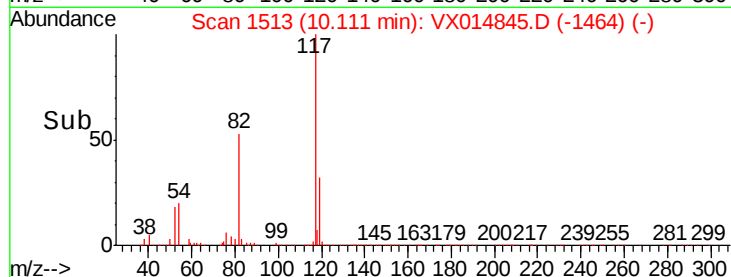
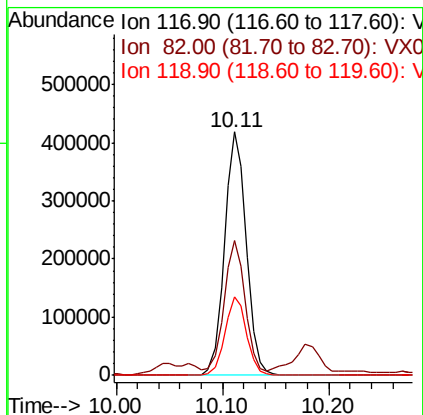
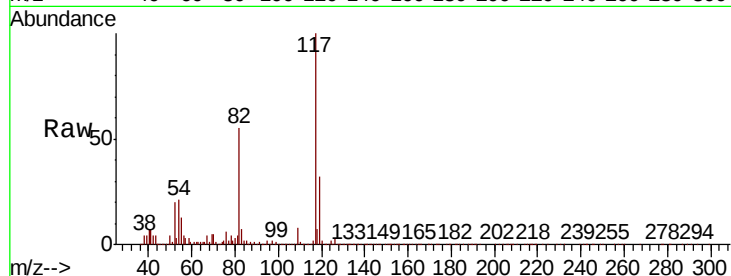




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014845.D
Acq: 06 Feb 2020 14:14

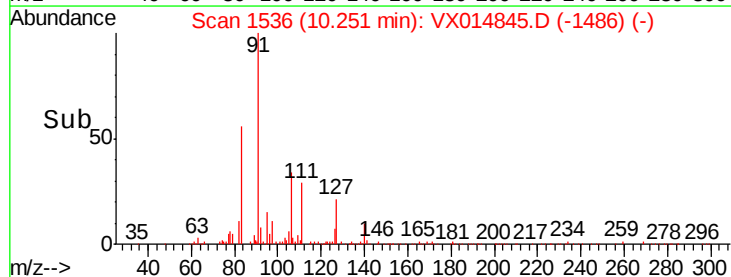
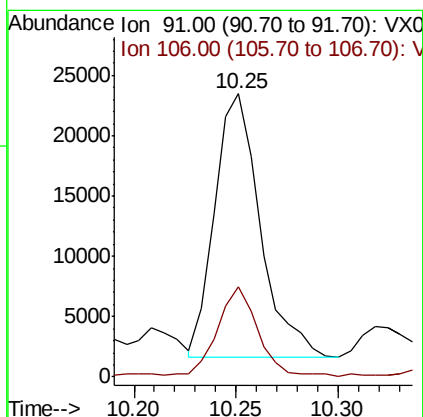
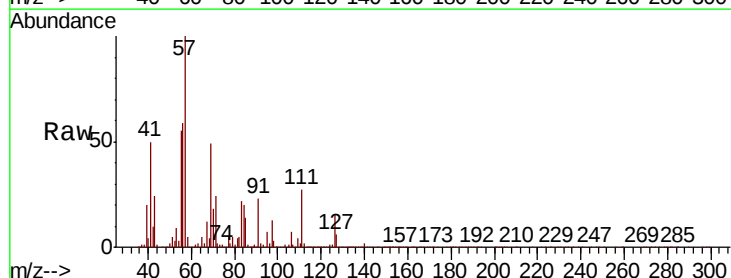
Instrument :
MSVOA_X
ClientSampleId :

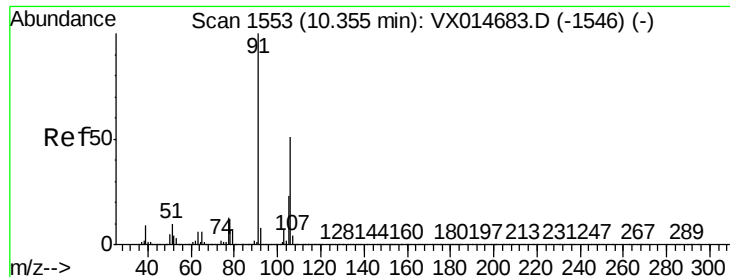
Tot Ion:117 Resp: 594552
Ion Ratio Lower Upper
117 100
82 53.8 43.2 64.8
119 32.3 25.8 38.6



#67
Ethyl Benzene
Concen: 1.551 ug/l
RT: 10.25 min Scan# 1536
Delta R.T. 0.01 min
Lab File: VX014845.D
Acq: 06 Feb 2020 14:14

Tgt Ion: 91 Resp: 33675
Ion Ratio Lower Upper
91 100
106 34.0 24.9 37.3





#68

m/p-Xvlenes

Concen: 0.680 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014845.D

Acq: 06 Feb 2020 14:14

Instrument :

MSVOA_X

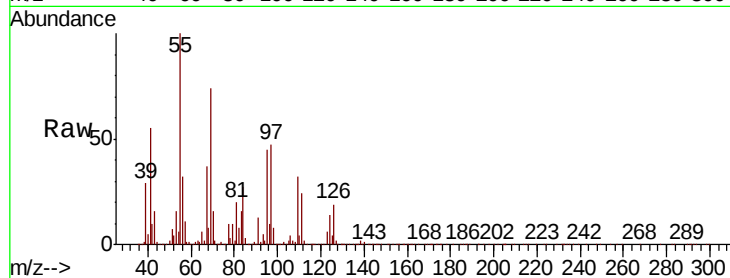
ClientSampled :

Tot Ion:106 Resp: 5595

Ion Ratio Lower Upper

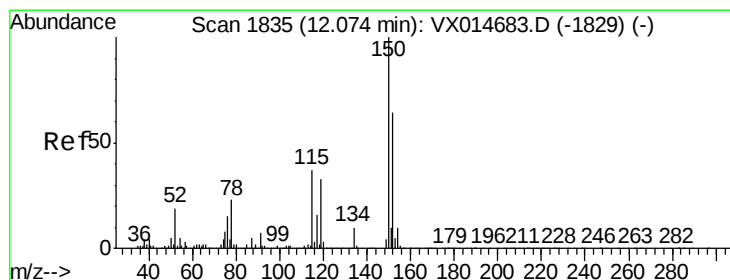
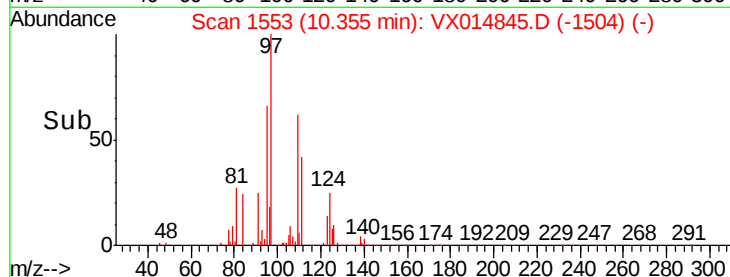
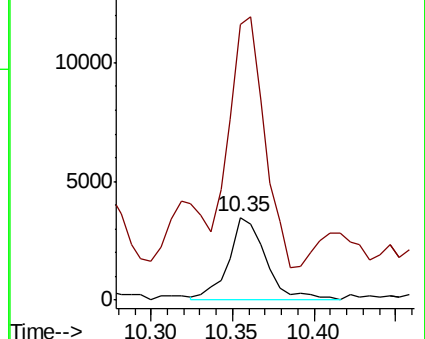
106 100

91 278.5 159.4 239.2#



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014845.D

Acq: 06 Feb 2020 14:14

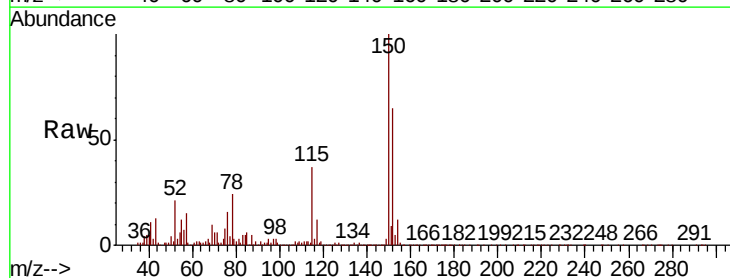
Tgt Ion:152 Resp: 313060

Ion Ratio Lower Upper

152 100

115 56.0 39.4 118.1

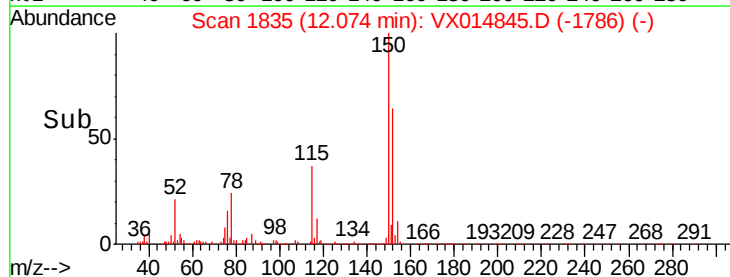
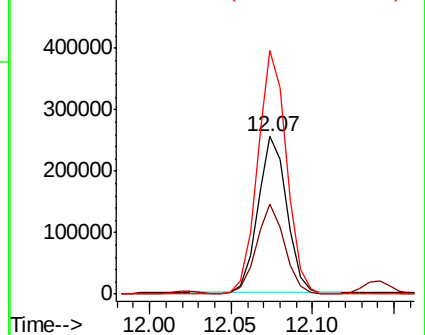
150 155.4 0.0 351.2

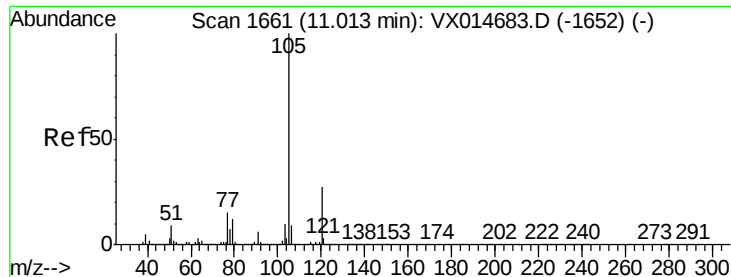


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 11.199 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014845.D

Acq: 06 Feb 2020 14:14

Instrument :

MSVOA_X

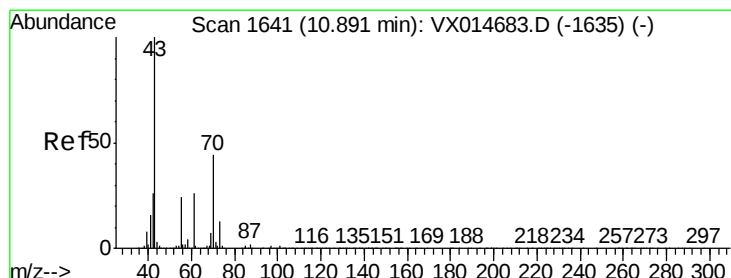
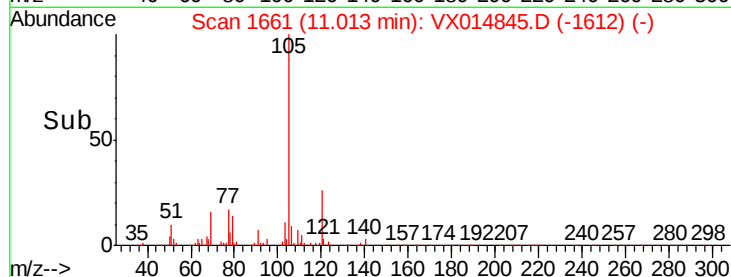
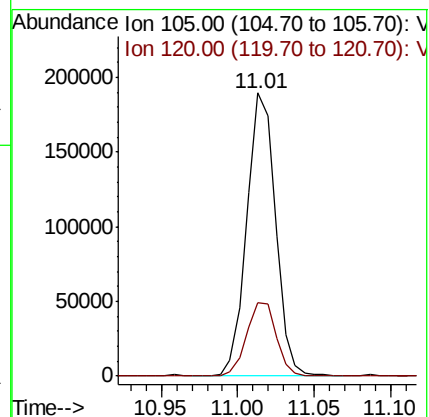
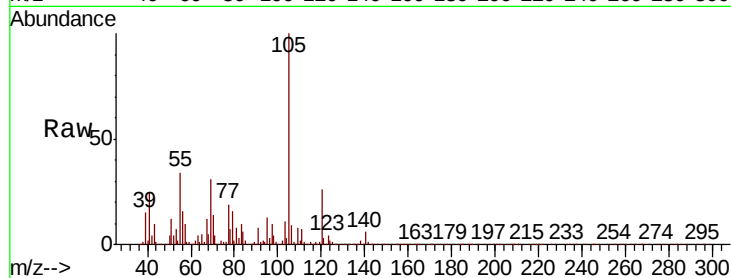
ClientSampleId :

Tot Ion:105 Resp: 246511

Ion Ratio Lower Upper

105 100

120 27.3 13.5 40.5



#74

N-ethyl acetate

Concen: 12.568 ug/l

RT: 10.90 min Scan# 1643

Delta R.T. 0.01 min

Lab File: VX014845.D

Acq: 06 Feb 2020 14:14

Tgt Ion: 43 Resp: 121228

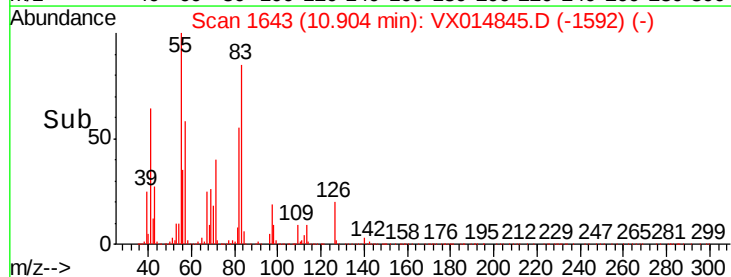
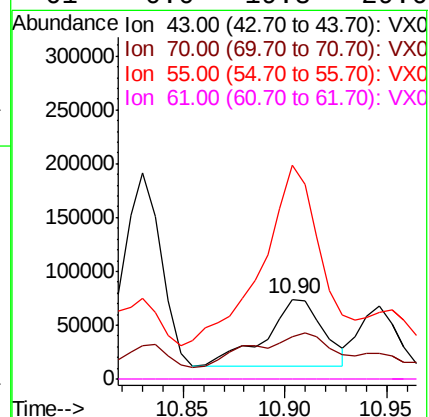
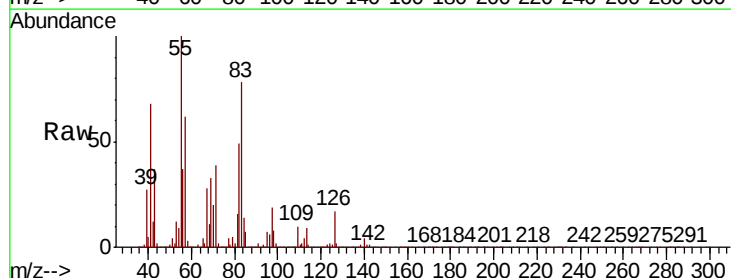
Ion Ratio Lower Upper

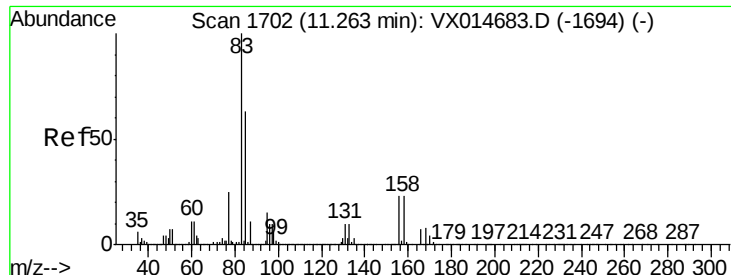
43 100

70 72.4 34.6 52.0#

55 274.0 19.4 29.2#

61 0.0 19.8 29.6#





#75

1,1,2,2-Tetrachloroethane

Concen: 3.311 ug/l

RT: 11.27 min Scan# 1703

Delta R.T. 0.01 min

Lab File: VX014845.D

Acq: 06 Feb 2020 14:14

Instrument :

MSVOA_X

ClientSampled :

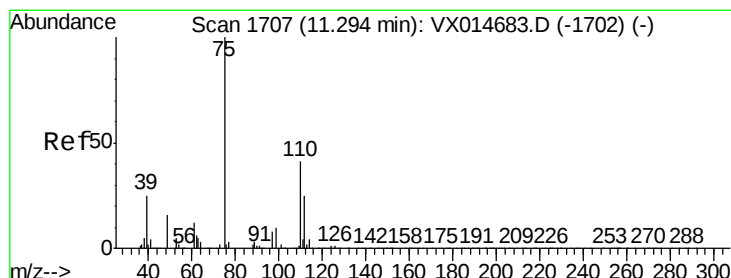
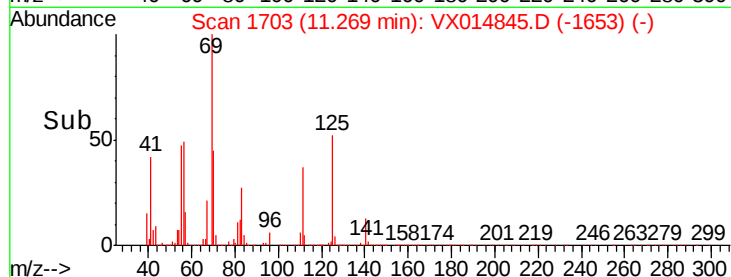
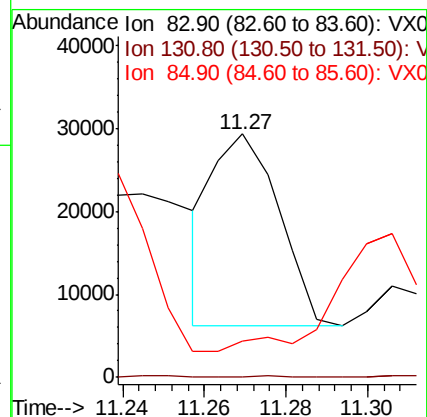
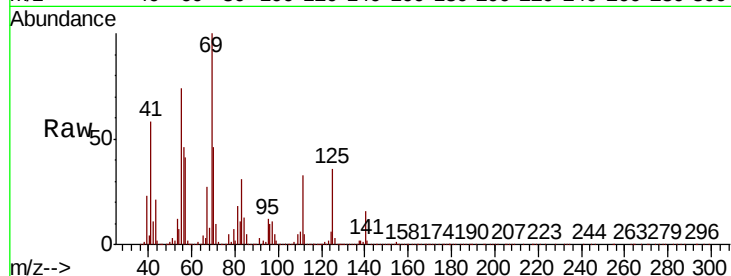
Tot Ion: 83 Resp: 26025

Ion Ratio Lower Upper

83 100

131 0.5 5.0 15.0#

85 0.0 31.7 95.1#



#76

1,2,3-Trichloropropane

Concen: 1.340 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.06 min

Lab File: VX014845.D

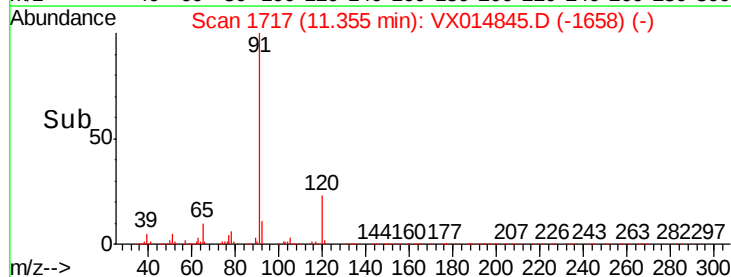
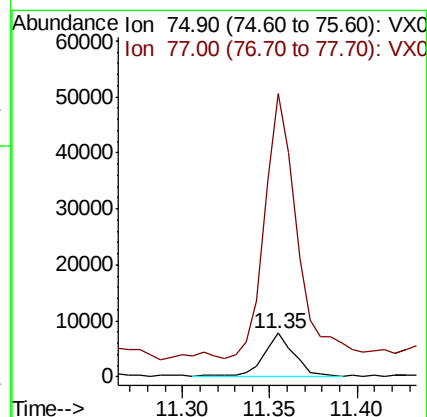
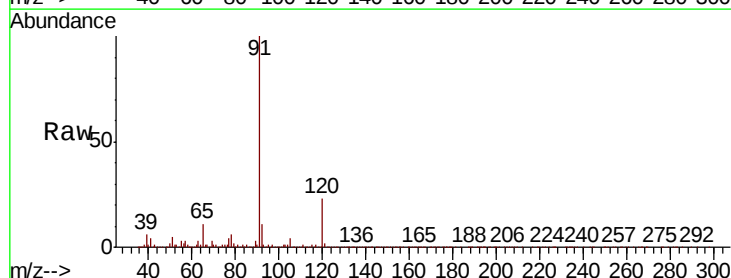
Acq: 06 Feb 2020 14:14

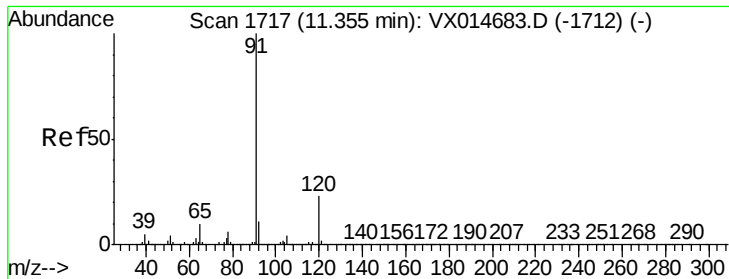
Tgt Ion: 75 Resp: 9761

Ion Ratio Lower Upper

75 100

77 636.7 18.7 56.1#





#78

n-propylbenzene

Concen: 60.019 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014845.D

Acq: 06 Feb 2020 14:14

Instrument :

MSVOA_X

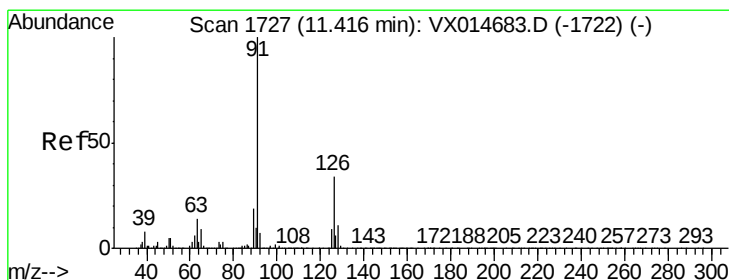
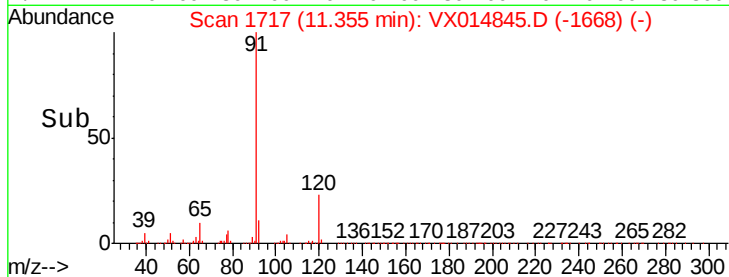
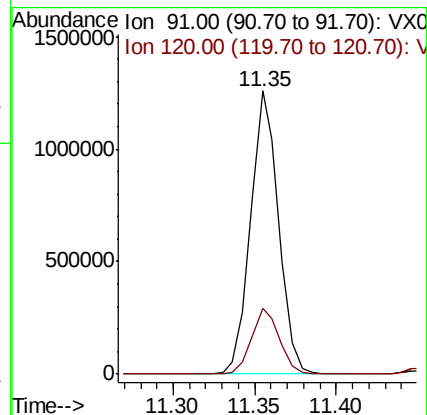
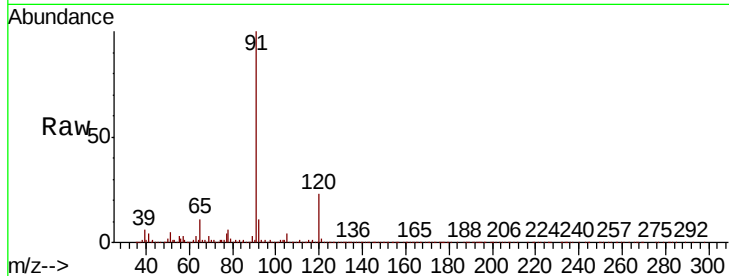
ClientSampleId :

Tot Ion: 91 Resp: 1499632

Ion Ratio Lower Upper

91 100

120 23.1 11.7 35.0



#79

2-Chlorotoluene

Concen: 99.194 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.06 min

Lab File: VX014845.D

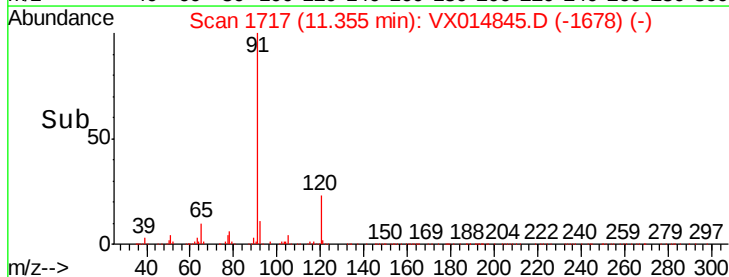
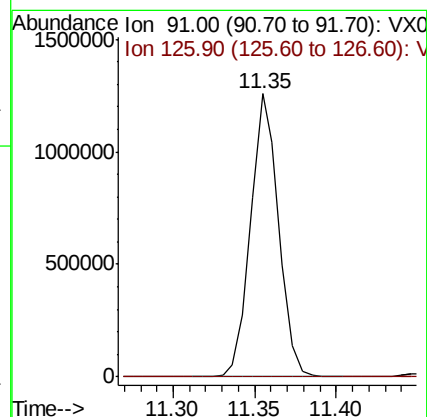
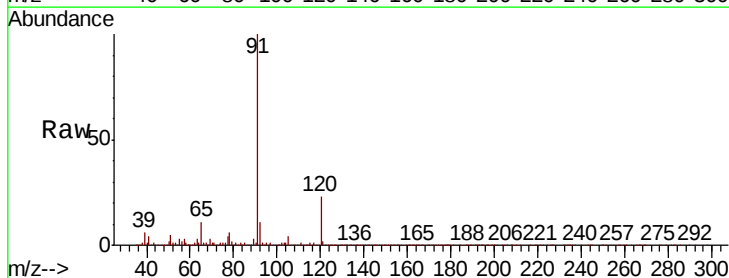
Acq: 06 Feb 2020 14:14

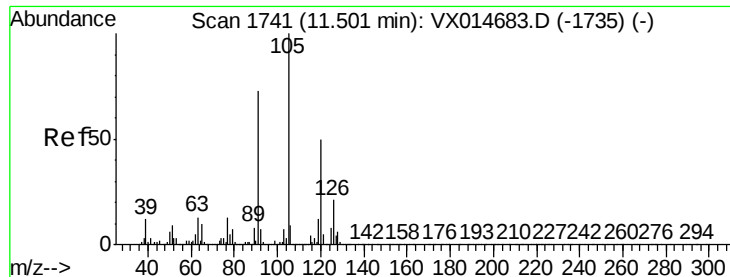
Tgt Ion: 91 Resp: 1499632

Ion Ratio Lower Upper

91 100

126 0.0 17.3 51.9#

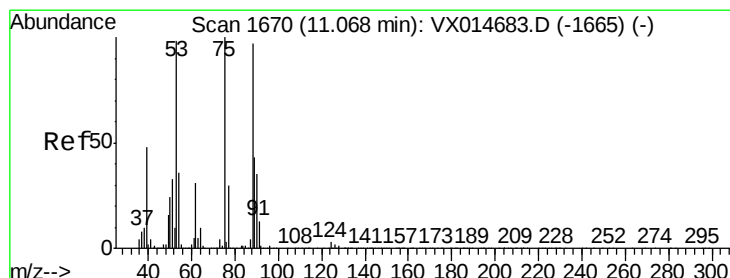
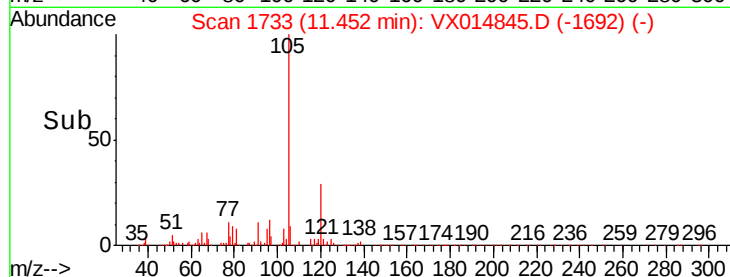
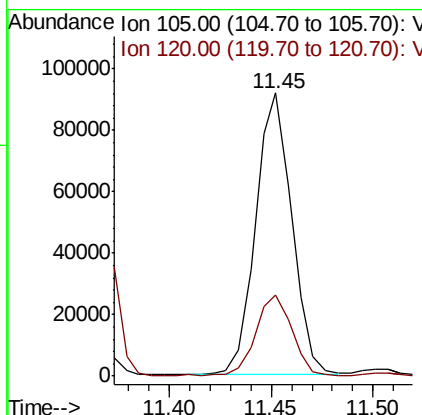
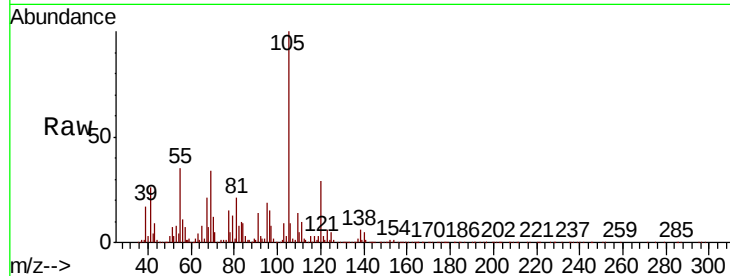




#80
 1,3,5-Trimethylbenzene
 Concen: 6.209 ug/l
 RT: 11.45 min Scan# 1733
 Delta R.T. -0.05 min
 Lab File: VX014845.D
 Acq: 06 Feb 2020 14:14

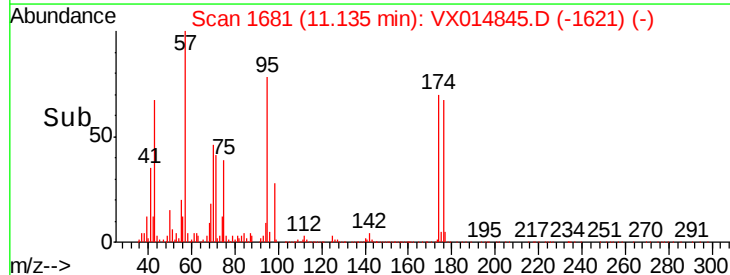
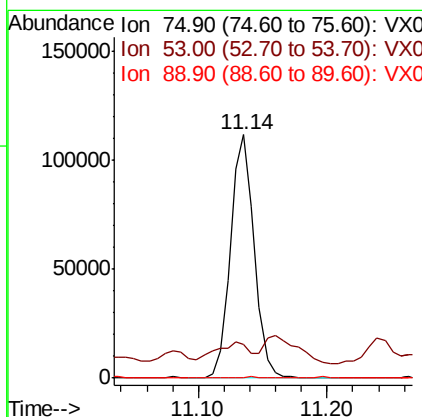
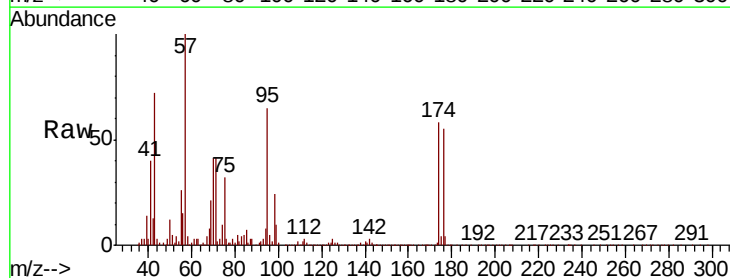
Instrument :
 MSVOA_X
 ClientSampleId :

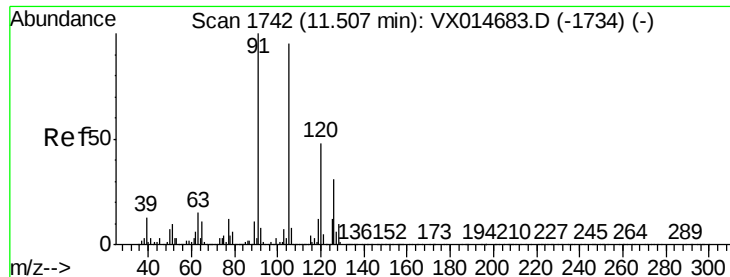
Tot Ion:105 Resp: 113431
 Ion Ratio Lower Upper
 105 100
 120 28.3 24.9 74.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 55.660 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. 0.07 min
 Lab File: VX014845.D
 Acq: 06 Feb 2020 14:14

Tgt Ion: 75 Resp: 142455
 Ion Ratio Lower Upper
 75 100
 53 14.0 78.8 118.2#
 89 0.0 35.4 53.0#





#82

4-Chlorotoluene

Concen: 87.131 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.15 min

Lab File: VX014845.D

Acq: 06 Feb 2020 14:14

Instrument :

MSVOA_X

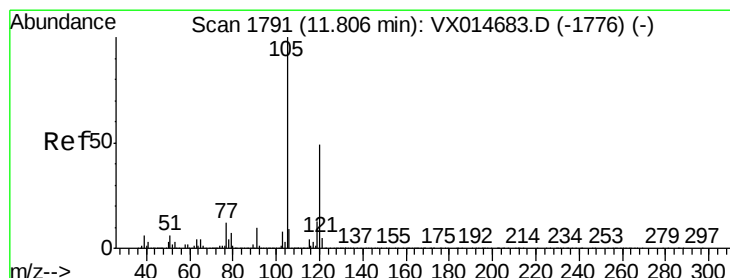
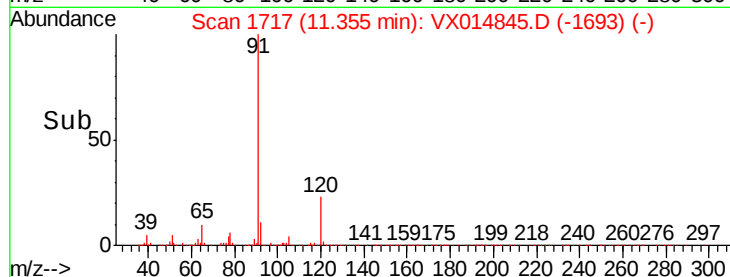
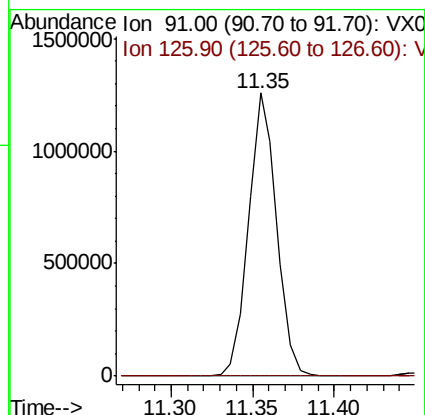
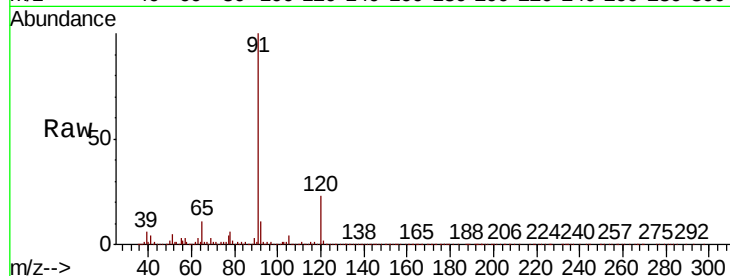
ClientSampleId :

Tot Ion: 91 Resp: 1499632

Ion Ratio Lower Upper

91 100

126 0.0 15.4 46.4#



#84

1,2,4-Trimethylbenzene

Concen: 2.289 ug/l

RT: 11.81 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX014845.D

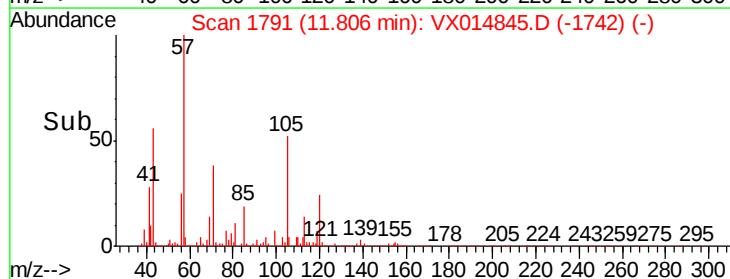
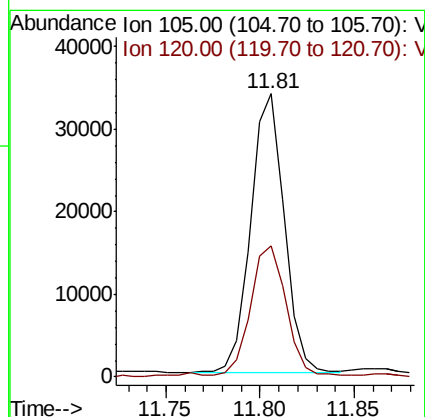
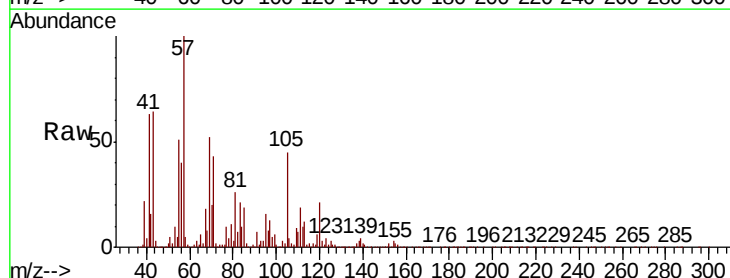
Acq: 06 Feb 2020 14:14

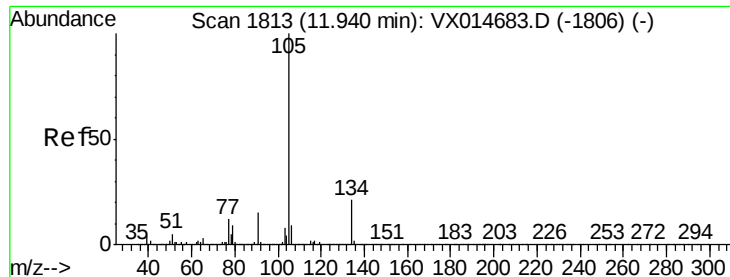
Tgt Ion: 105 Resp: 41938

Ion Ratio Lower Upper

105 100

120 48.5 23.4 70.0

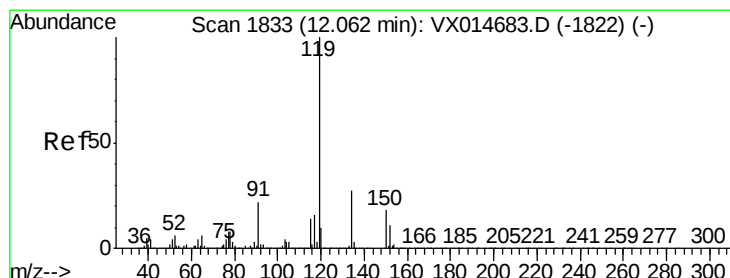
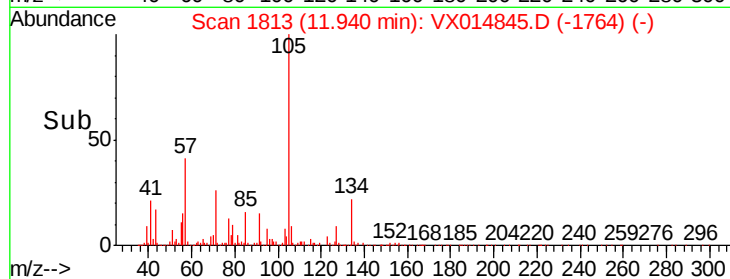
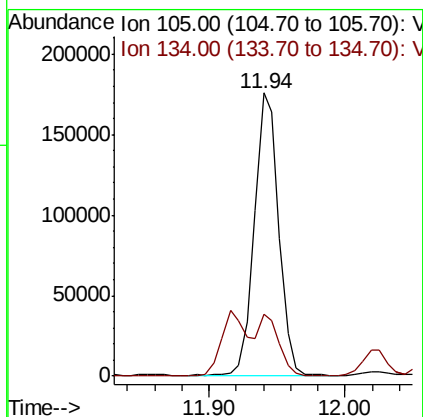
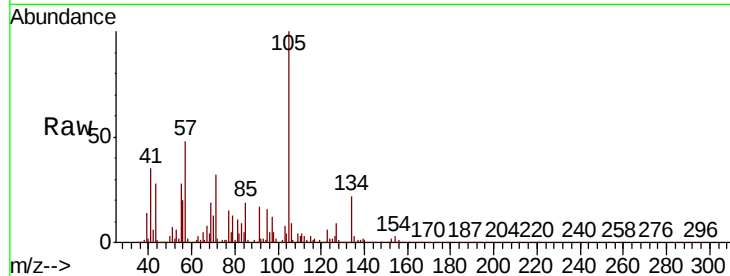




#85
 sec-Butylbenzene
 Concen: 10.471 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX014845.D
 Acq: 06 Feb 2020 14:14

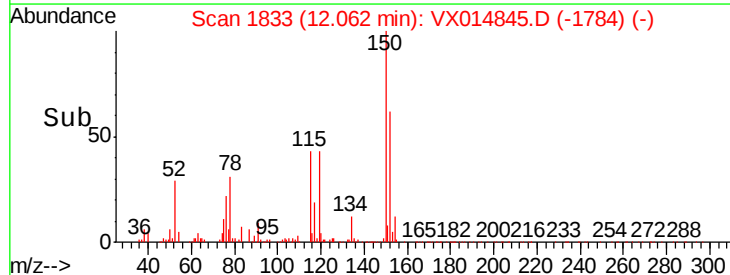
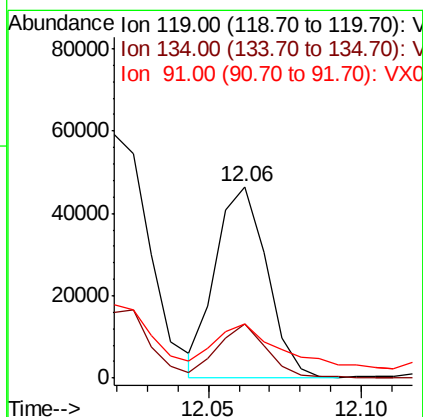
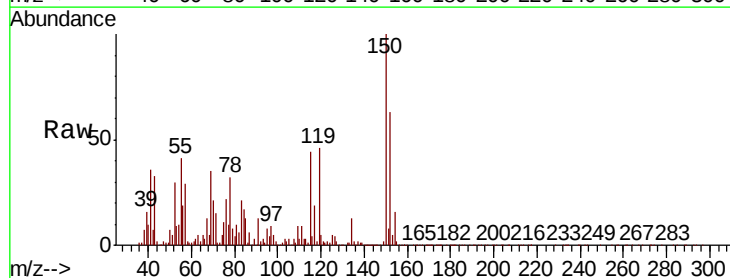
Instrument :
 MSVOA_X
 ClientSampleId :

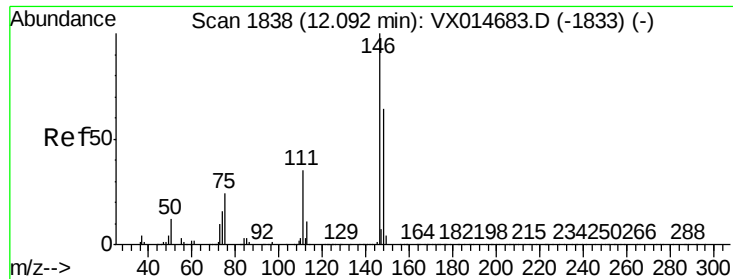
Tot Ion	Ratio	Lower	Upper
105	100		
134	16.9	10.3	30.8



#86
 p-Isopropyltoluene
 Concen: 2.747 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX014845.D
 Acq: 06 Feb 2020 14:14

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.9	13.5	40.4
91	29.3	11.3	33.8

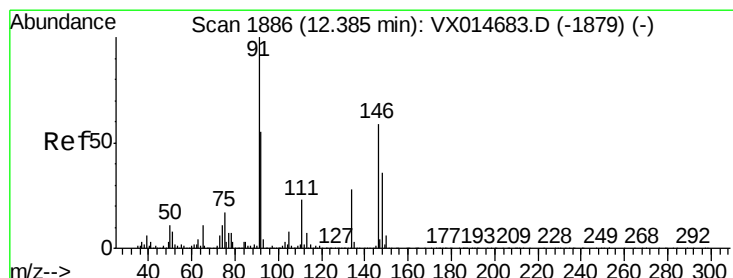
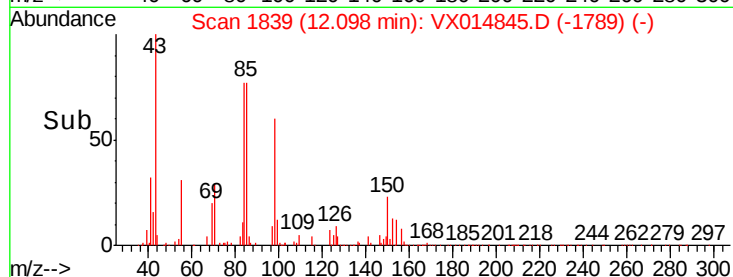
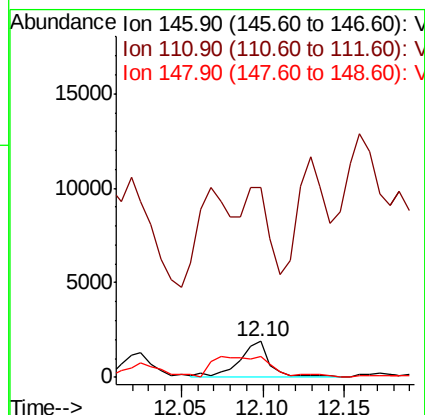
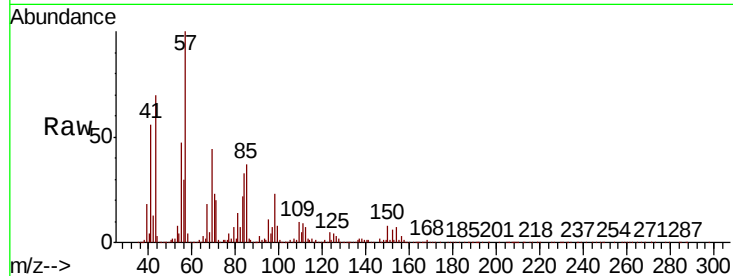




#88
 1,4-Dichlorobenzene
 Concen: 0.237 ug/l
 RT: 12.10 min Scan# 1839
 Delta R.T. 0.01 min
 Lab File: VX014845.D
 Acq: 06 Feb 2020 14:14

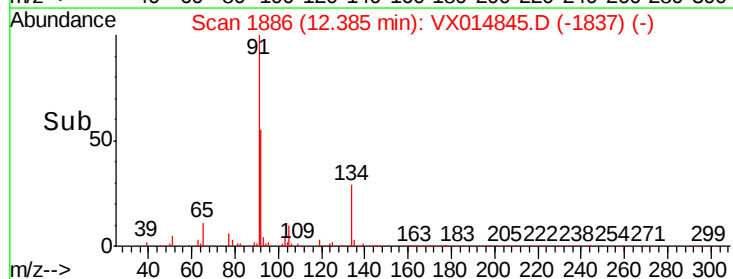
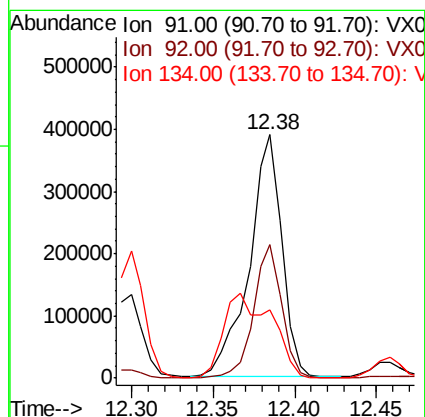
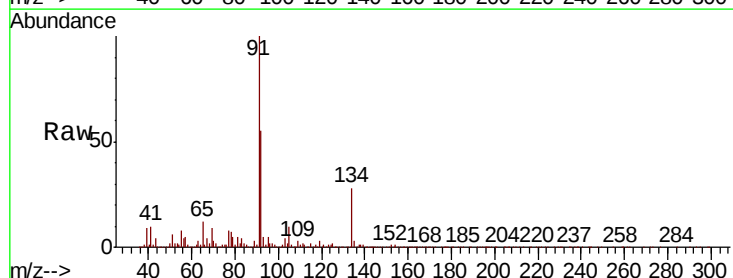
Instrument :
 MSVOA_X
 ClientSampleId :

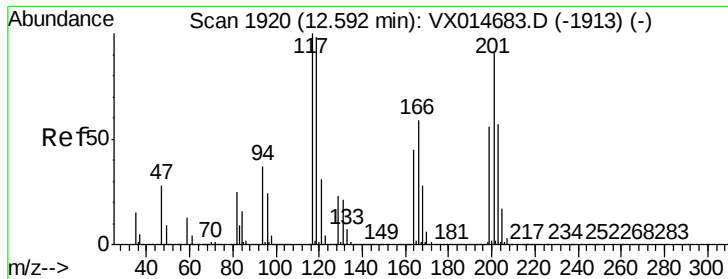
Tot Ion:146 Resp: 2519
 Ion Ratio Lower Upper
 146 100
 111 0.0 18.6 55.8#
 148 0.0 32.0 96.2#



#89
 n-Butylbenzene
 Concen: 32.095 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014845.D
 Acq: 06 Feb 2020 14:14

Tgt Ion: 91 Resp: 543301
 Ion Ratio Lower Upper
 91 100
 92 47.0 27.6 82.7
 134 51.7 13.3 39.8#

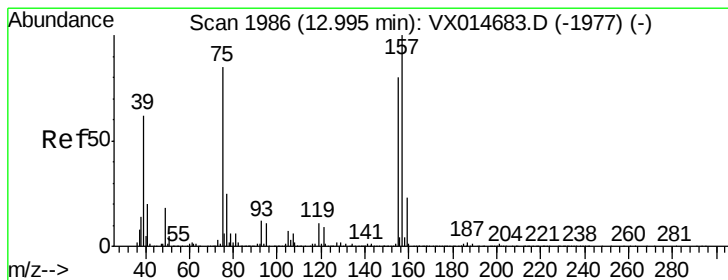
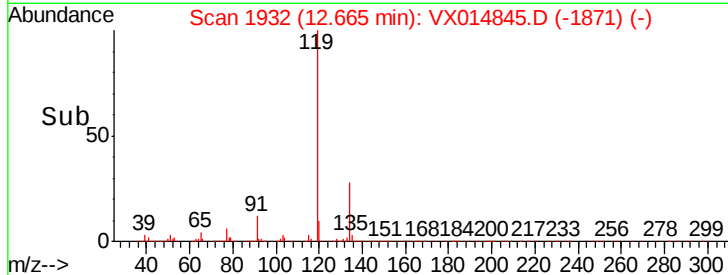
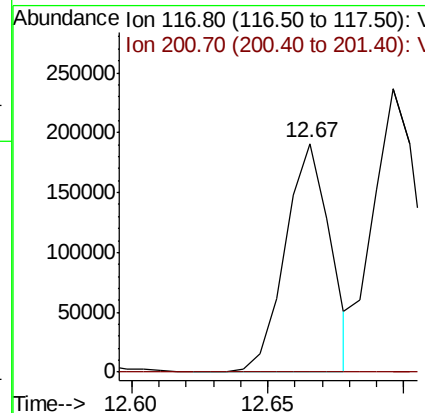
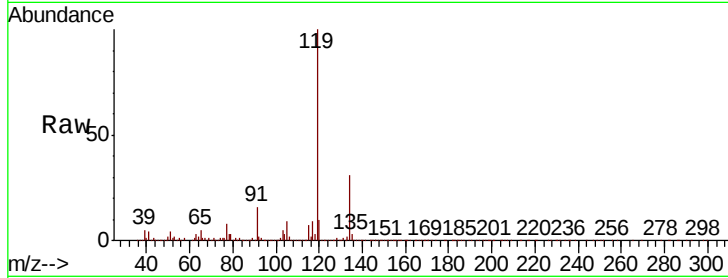




#90
Hexachloroethane
Concen: 60.364 ug/l
RT: 12.67 min Scan# 1932
Delta R.T. 0.07 min
Lab File: VX014845.D
Acq: 06 Feb 2020 14:14

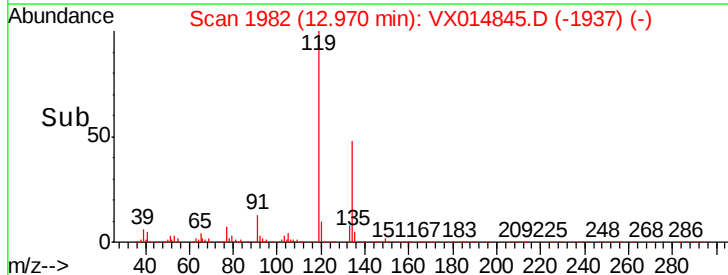
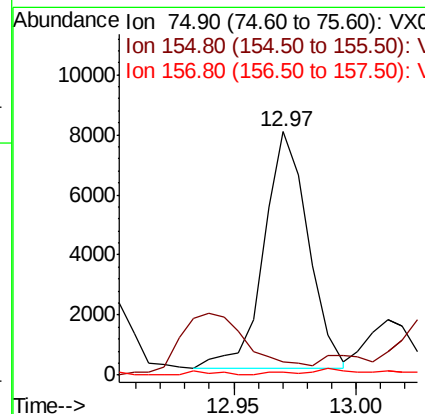
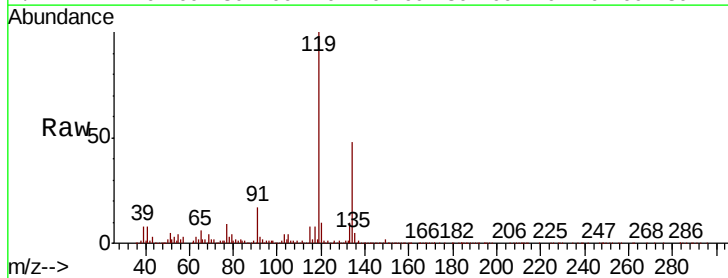
Instrument :
MSVOA_X
ClientSampled :

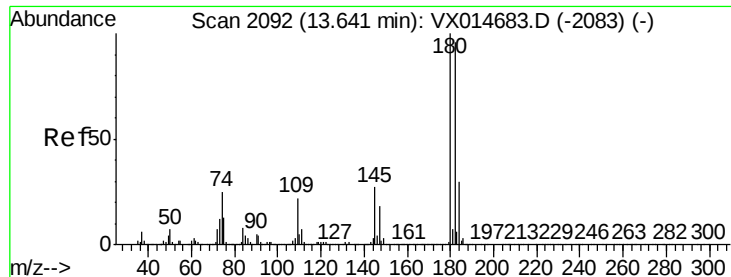
Tot Ion:117 Resp: 217920
Ion Ratio Lower Upper
117 100
201 0.1 44.4 133.1#



#92
1,2-Dibromo-3-Chloropropane
Concen: 5.872 ug/l
RT: 12.97 min Scan# 1982
Delta R.T. -0.02 min
Lab File: VX014845.D
Acq: 06 Feb 2020 14:14

Tgt Ion: 75 Resp: 9915
Ion Ratio Lower Upper
75 100
155 0.0 45.6 136.9#
157 0.0 60.3 180.9#

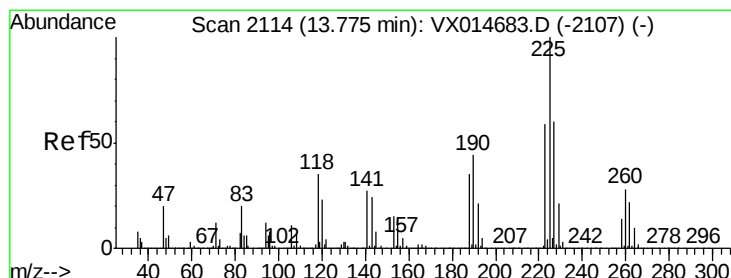
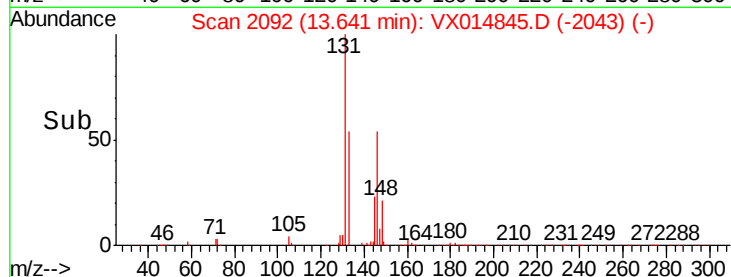
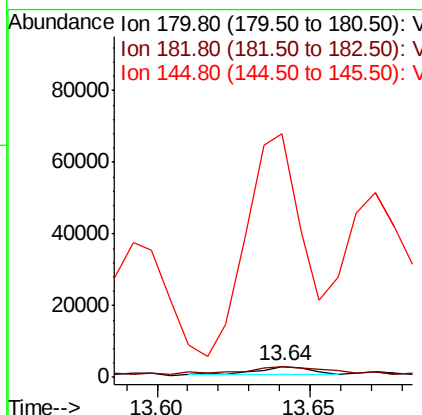
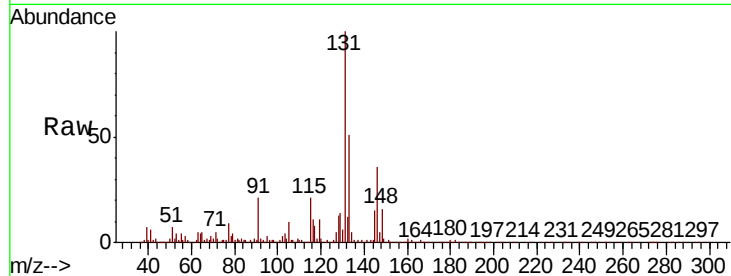




#93
 1,2,4-Trichlorobenzene
 Concen: 0.425 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014845.D
 Acq: 06 Feb 2020 14:14

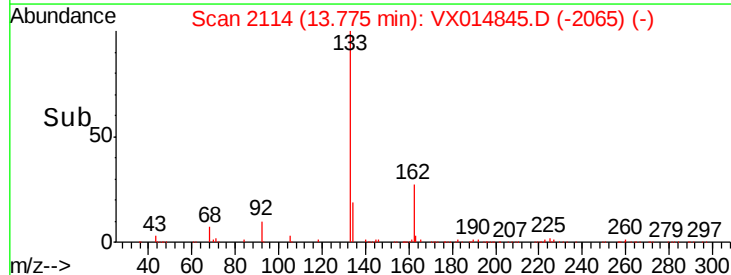
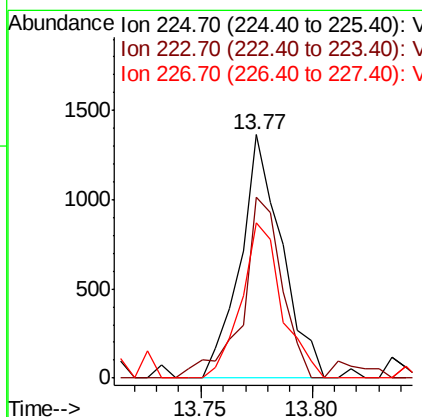
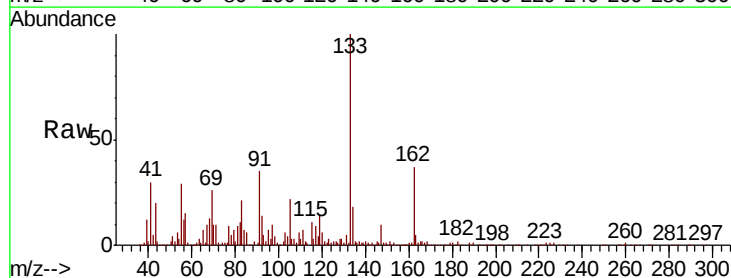
Instrument :
 MSVOA_X
 ClientSampled :

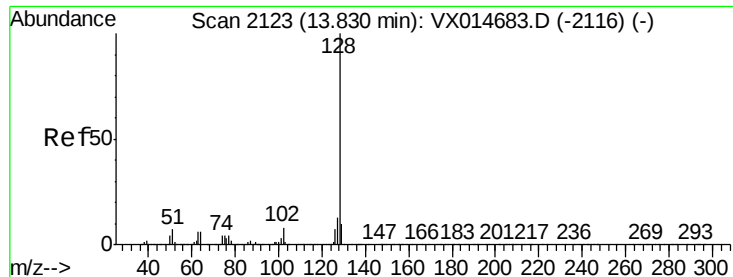
Tot Ion:180 Resp: 2892
 Ion Ratio Lower Upper
 180 100
 182 173.8 48.5 145.6#
 145 2698.8 14.0 41.9#



#94
 Hexachlorobutadiene
 Concen: 0.506 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014845.D
 Acq: 06 Feb 2020 14:14

Tgt Ion:225 Resp: 1773
 Ion Ratio Lower Upper
 225 100
 223 69.9 30.6 91.8
 227 62.4 31.4 94.0





#95

Naphthalene

Concen: 11.870 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX014845.D

Acq: 06 Feb 2020 14:14

Instrument :

MSVOA_X

ClientSampled :

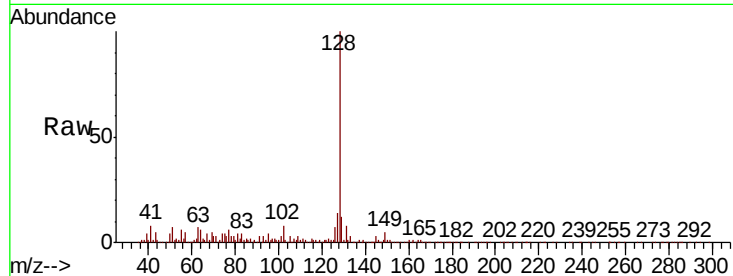
Tot Ion:128 Resp: 244591

Ion Ratio Lower Upper

128 100

127 15.2 10.3 15.5

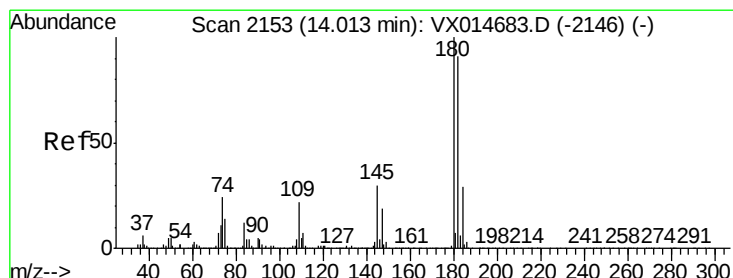
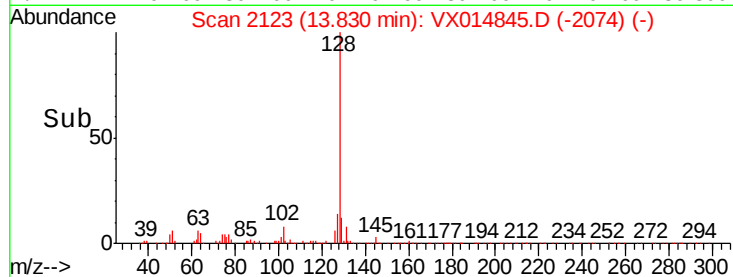
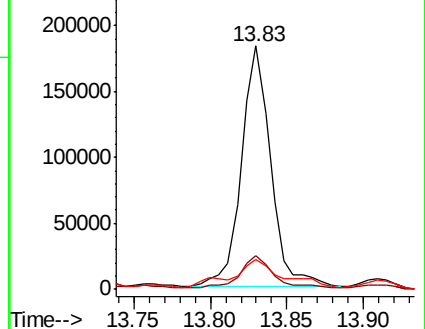
129 18.7 8.6 12.8#



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



#96

1,2,3-Trichlorobenzene

Concen: 0.531 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX014845.D

Acq: 06 Feb 2020 14:14

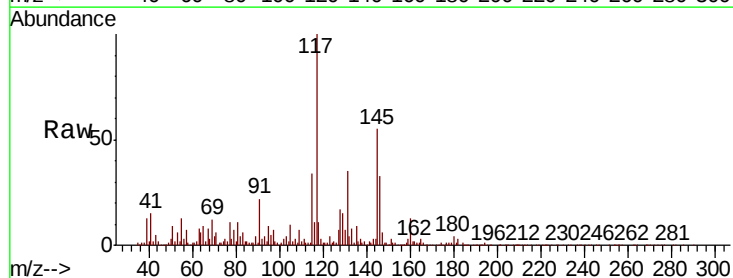
Tgt Ion:180 Resp: 3655

Ion Ratio Lower Upper

180 100

182 76.3 46.6 139.7

145 2683.1 14.7 44.1#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

