Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX062719\
Data File : VX010510.D
Acq On : 28 Jun 2019 01:27
Operator : JC/SP
Sample : K3507-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Jun 28 06:55:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	248330	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	382517	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	355844	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	168294	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	118637	50.95	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.90%			
35) Dibromofluoromethane	5.50	113	116633	49.84	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.68%			
50) Toluene-d8	8.71	98	458569	51.21	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.42%			
62) 4-Bromofluorobenzene	11.13	95	155108	47.98	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.96%			
Target Compounds						Qvalue
10) Methyl Iodide	2.53	142	704	0.233	ug/l #	84
11) Tert butyl alcohol	3.04	59	462	0.758	ug/l #	68
16) Acetone	2.45	43	5725	4.906	ug/l	98
18) Methyl Acetate	2.77	43	1644	0.707	ug/l #	83
20) Methylene Chloride	2.85	84	81464	33.924	ug/l	99
25) 2-Butanone	4.68	43	2171	1.268	ug/l #	76
29) Tetrahydrofuran	5.15	42	444	0.419	ug/l	96
30) Chloroform	5.21	83	4274	1.076	ug/l	91
36) 1,1-Dichloropropene	5.66	75	15157	4.986	ug/l #	48
38) Carbon Tetrachloride	5.66	117	22208	6.747	ug/l #	15
43) Isopropyl Acetate	6.45	43	10732	2.074	ug/l	96
47) Bromodichloromethane	7.90	83	897	0.285	ug/l #	95
48) Methyl methacrylate	7.68	41	6505	2.705	ug/l #	10
49) 1,4-Dioxane	7.87	88	271	3.912	ug/l #	1
51) 4-Methyl-2-Pentanone	8.61	43	78678	23.777	ug/l #	47
54) cis-1,3-Dichloropropene	8.61	75	43850	11.446	ug/l #	63
55) 1,1,2-Trichloroethane	9.16	97	927	0.360	ug/l #	19
57) 1,3-Dichloropropane	9.54	76	10107	2.531	ug/l #	44
59) 2-Hexanone	9.54	43	118087	45.344	ug/l #	50
68) m/p-Xylenes	10.36	106	958	0.203	ug/l	93
76) 1,2,3-Trichloropropane	11.13	75	72929	23.780	ug/l #	33
80) 1,3,5-Trimethylbenzene	11.51	105	2010	0.214	ug/l	93
81) trans-1,4-Dichloro-2-buten	11.13	75	72929	55.477	ug/l #	16
84) 1,2,4-Trimethylbenzene	11.81	105	1954	0.207	ug/l	89
85) sec-Butylbenzene	11.94	105	13309	1.201	ug/l	83
86) p-Isopropyltoluene	12.23	119	5277	0.515	ug/l	94
89) n-Butylbenzene	12.37	91	2235	0.257	ug/l #	1
90) Hexachloroethane	12.66	117	7004	3.951	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	12.97	75	630	0.773	ug/l #	1
95) Naphthalene	13.83	128	6195	0.526	ug/l #	86

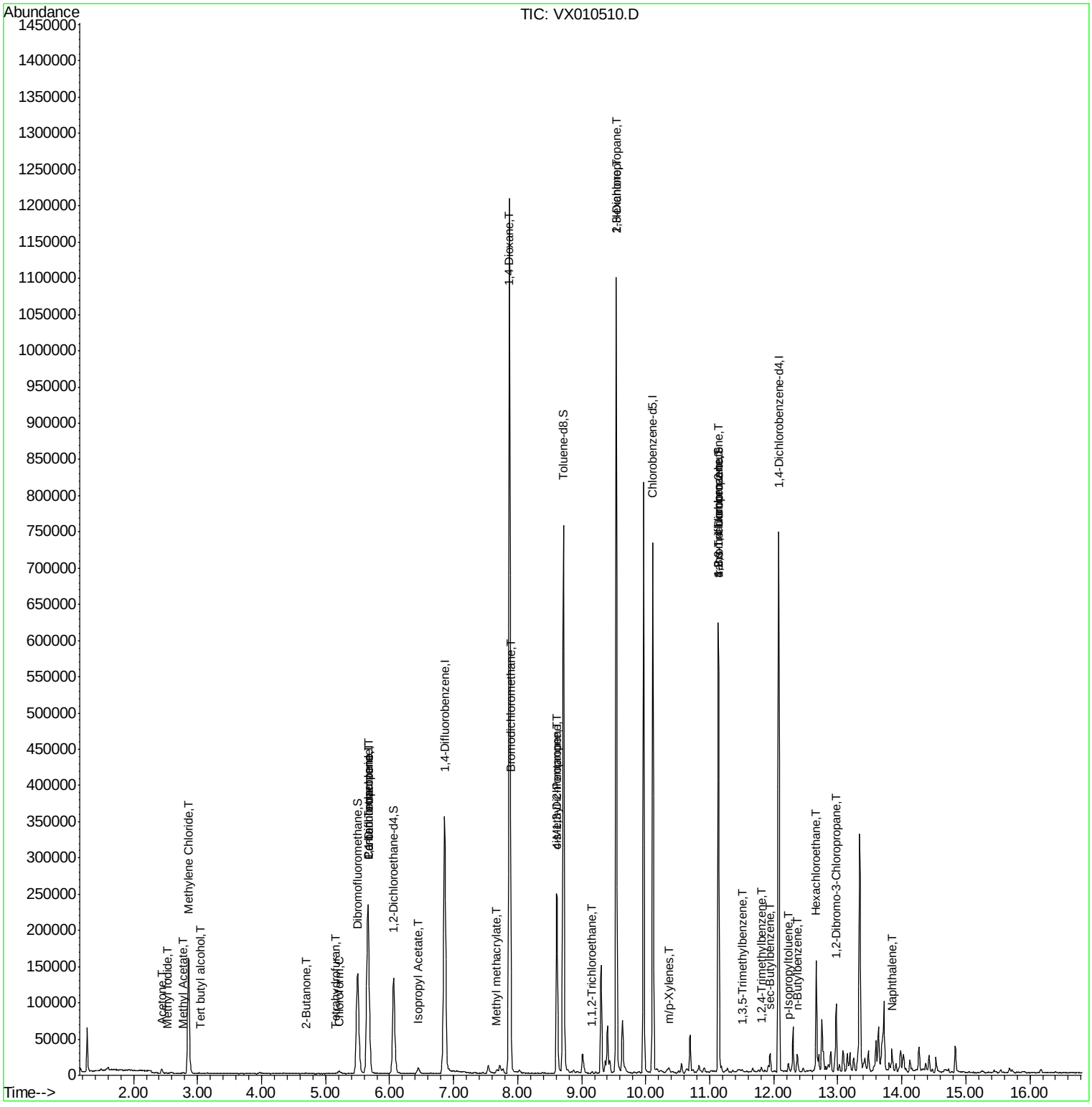
(#) = qualifier out of range (m) = manual integration (+) = signals summed

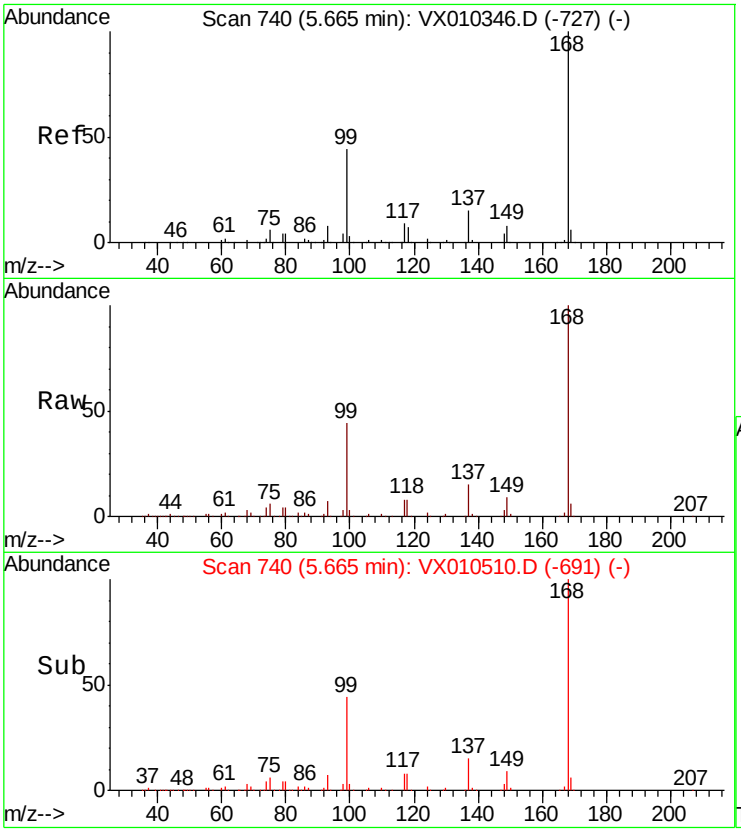
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX062719\
Data File : VX010510.D
Acq On : 28 Jun 2019 01:27
Operator : JC/SP
Sample : K3507-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 28 06:55:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration



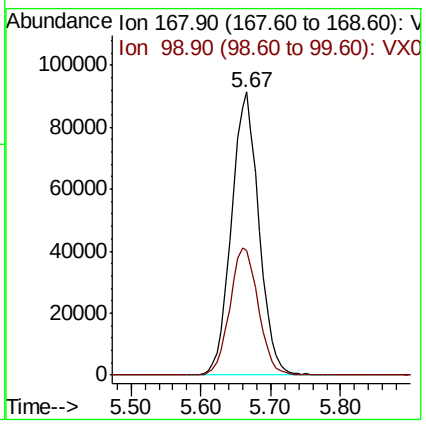


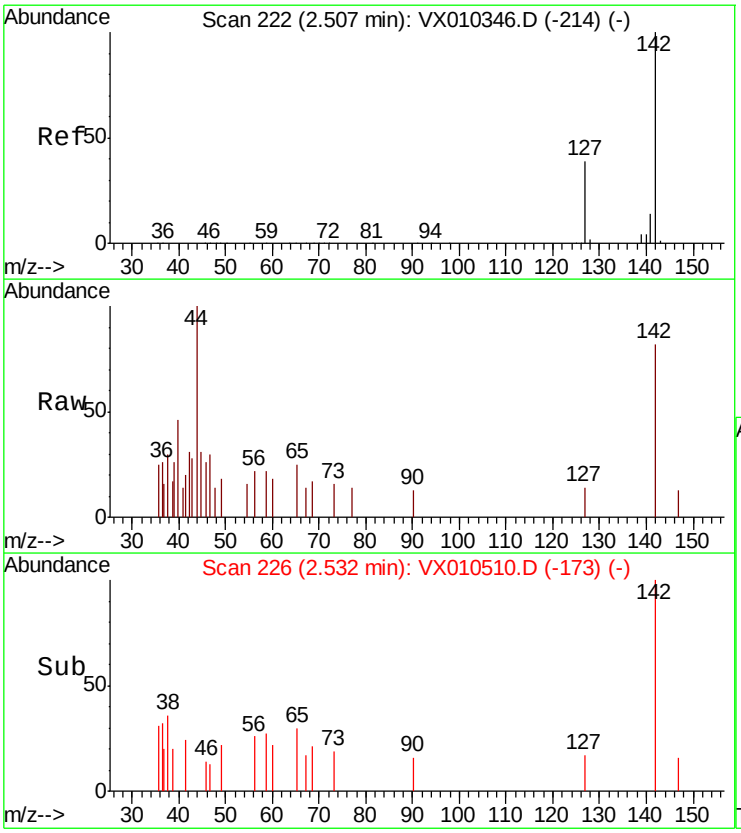
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX010510.D
Acq: 28 Jun 2019 01:27

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 248330

Ion	Ratio	Lower	Upper
168	100		
99	44.2	35.5	53.3

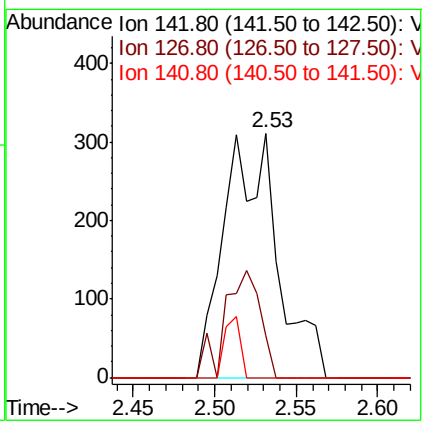


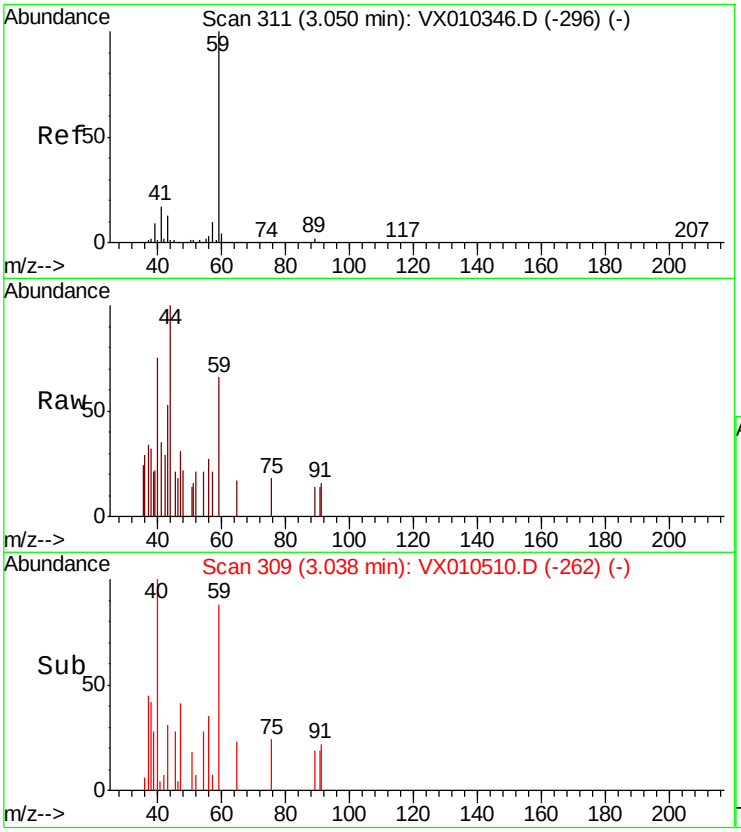


#10
Methyl Iodide
Concen: 0.233 ug/l
RT: 2.53 min Scan# 226
Delta R.T. 0.02 min
Lab File: VX010510.D
Acq: 28 Jun 2019 01:27

Tgt Ion:142 Resp: 704

Ion	Ratio	Lower	Upper
142	100		
127	29.4	31.1	46.7#
141	7.4	11.2	16.8#



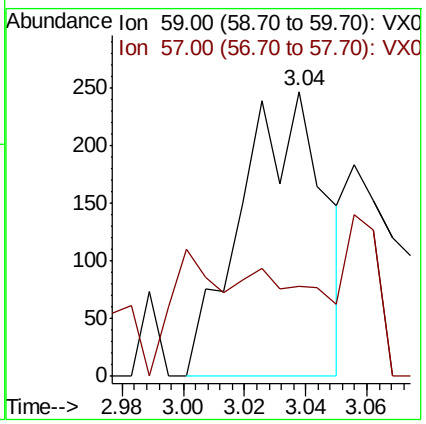


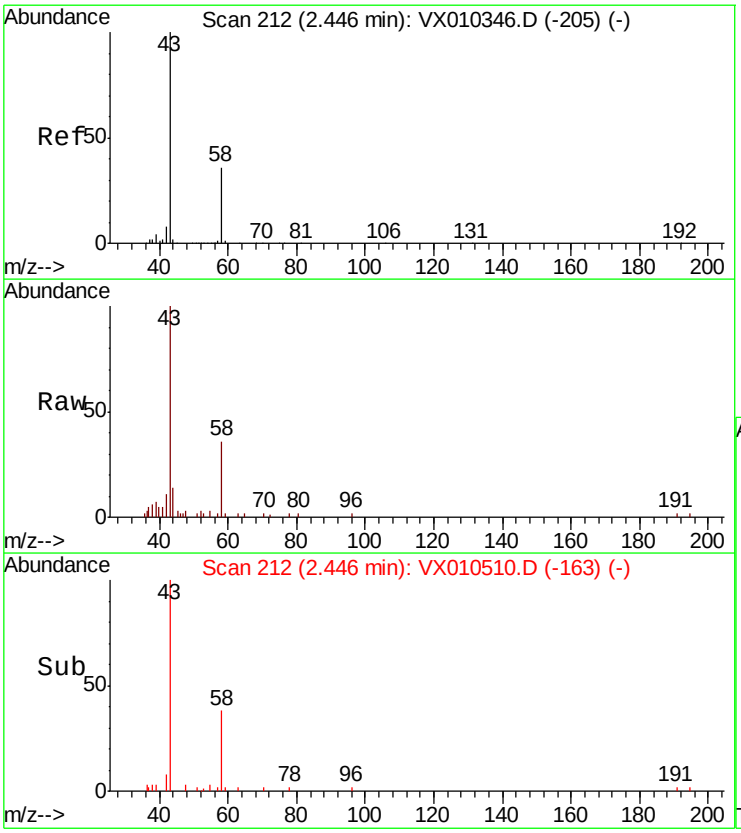
#11
Tert butyl alcohol
Concen: 0.758 ug/l
RT: 3.04 min Scan# 309
Delta R.T. -0.01 min
Lab File: VX010510.D
Acq: 28 Jun 2019 01:27

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 59 Resp: 462

Ion	Ratio	Lower	Upper
59	100		
57	21.2	7.7	11.5#

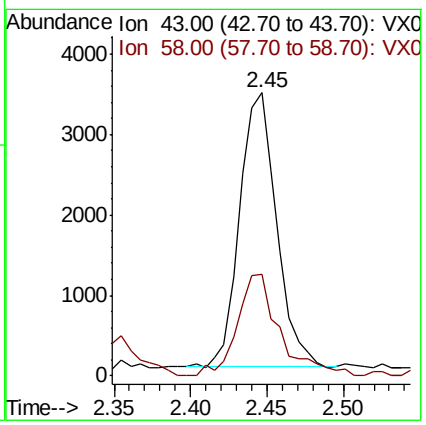


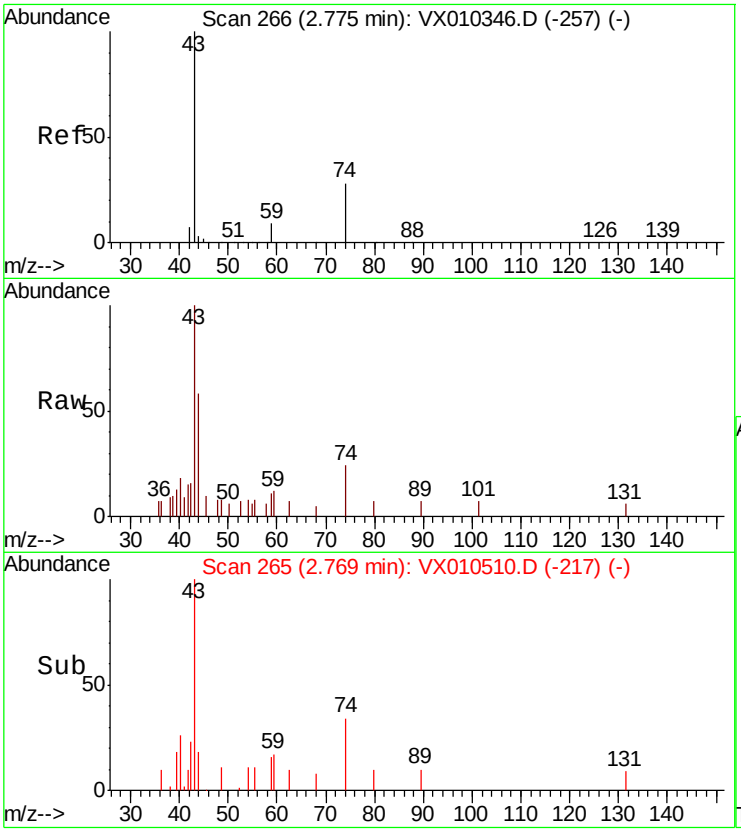


#16
Acetone
Concen: 4.906 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX010510.D
Acq: 28 Jun 2019 01:27

Tgt Ion: 43 Resp: 5725

Ion	Ratio	Lower	Upper
43	100		
58	37.1	28.9	43.3



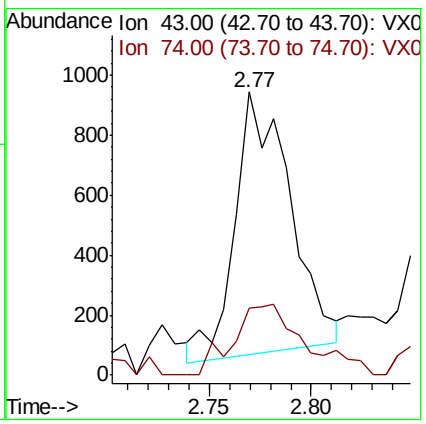


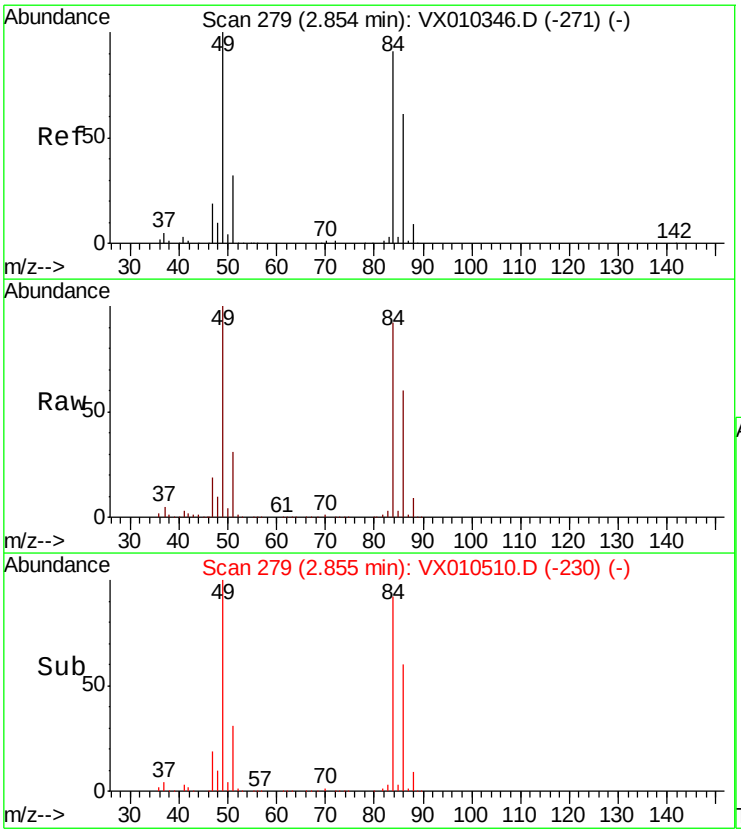
#18
Methyl Acetate
Concen: 0.707 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX010510.D
Acq: 28 Jun 2019 01:27

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 1644

Ion	Ratio	Lower	Upper
43	100		
74	35.2	21.3	31.9#

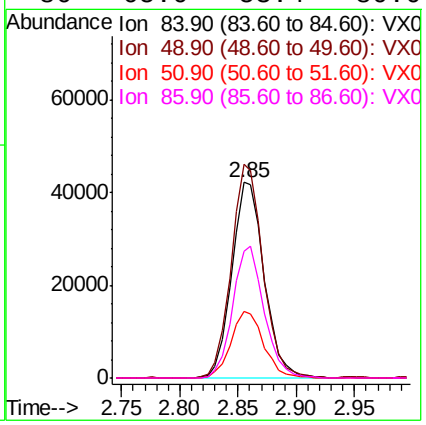


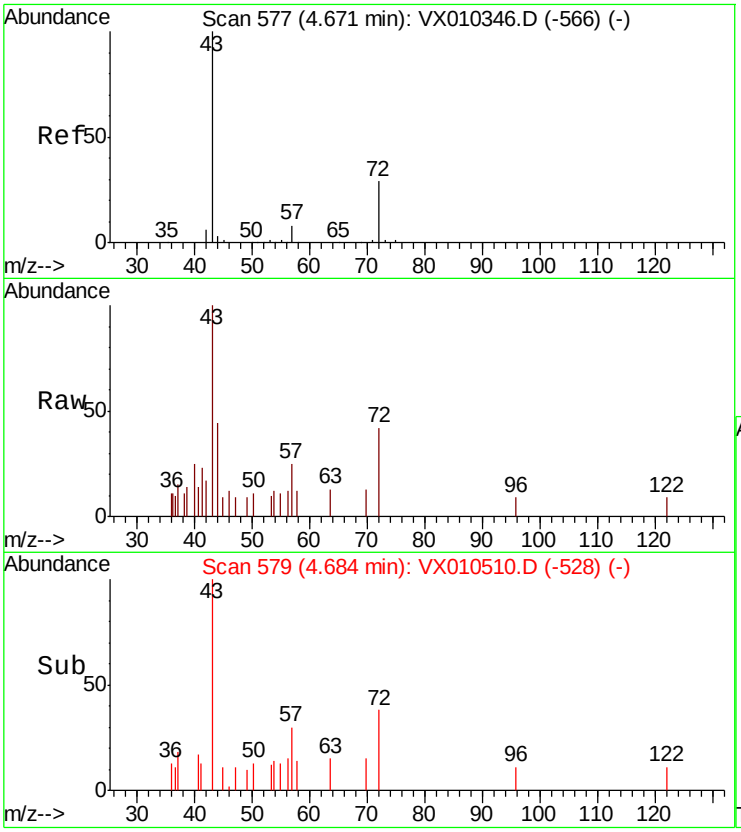


#20
Methylene Chloride
Concen: 33.924 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010510.D
Acq: 28 Jun 2019 01:27

Tgt Ion: 84 Resp: 81464

Ion	Ratio	Lower	Upper
84	100		
49	109.2	87.5	131.3
51	34.3	27.7	41.5
86	65.0	53.4	80.0



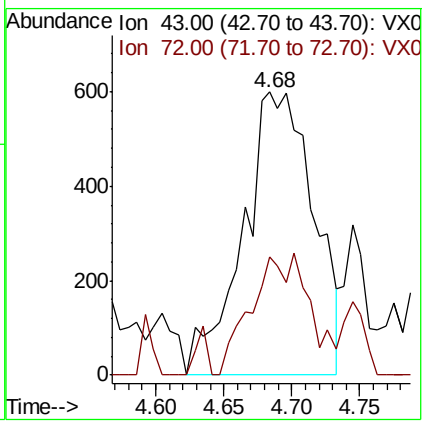


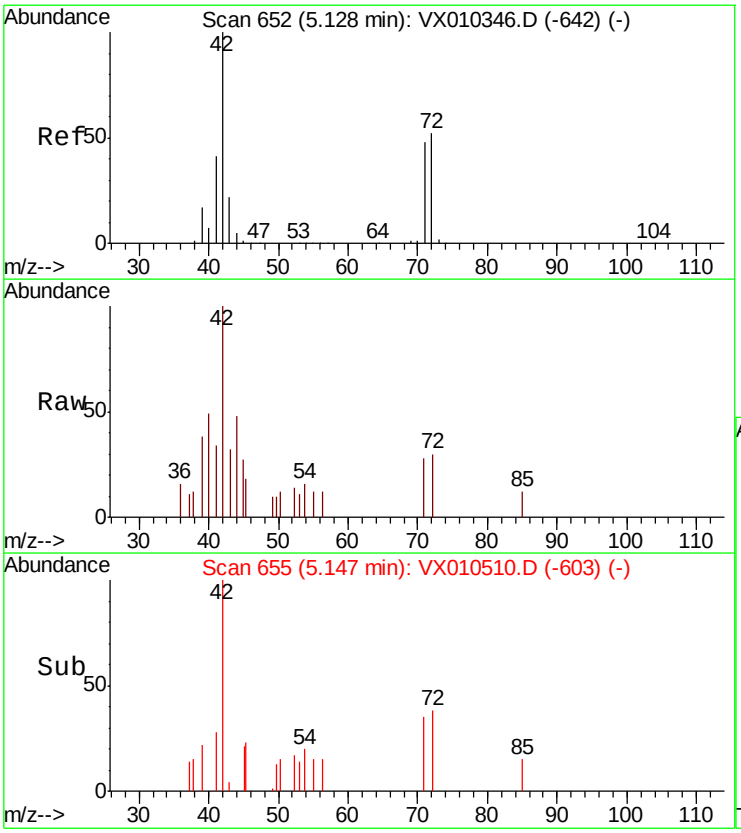
#25
2-Butanone
Concen: 1.268 ug/l
RT: 4.68 min Scan# 579
Delta R.T. 0.01 min
Lab File: VX010510.D
Acq: 28 Jun 2019 01:27

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 2171

Ion	Ratio	Lower	Upper
43	100		
72	41.9	23.3	34.9#

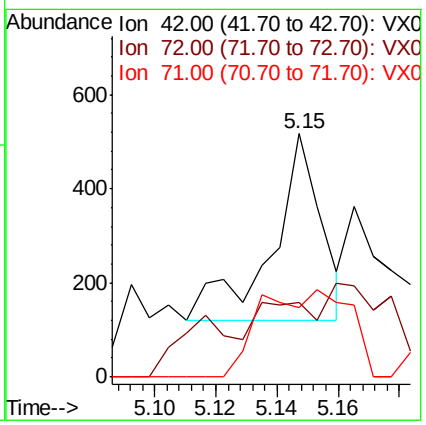


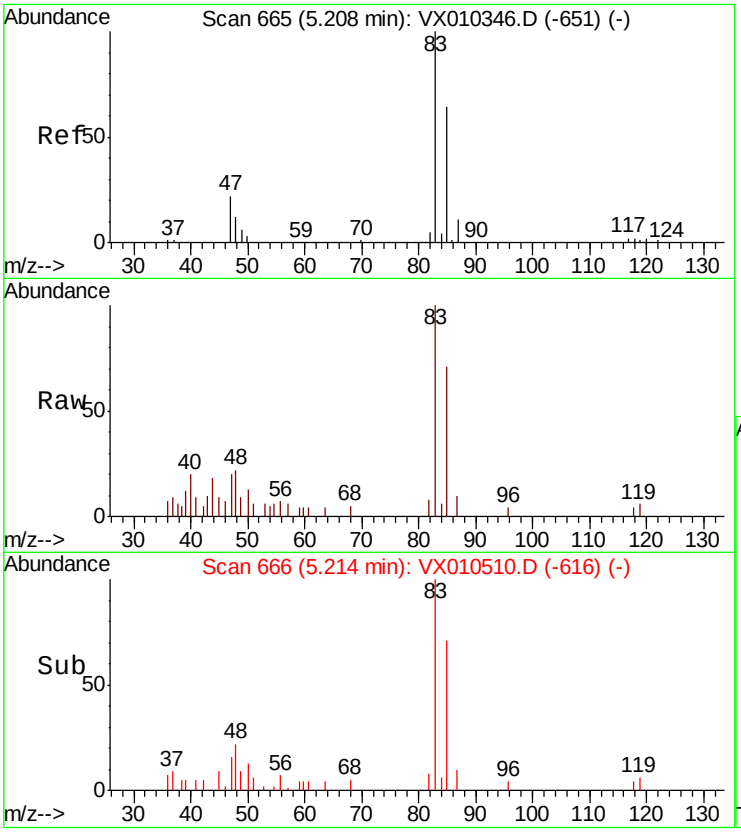


#29
Tetrahydrofuran
Concen: 0.419 ug/l
RT: 5.15 min Scan# 655
Delta R.T. 0.02 min
Lab File: VX010510.D
Acq: 28 Jun 2019 01:27

Tgt Ion: 42 Resp: 444

Ion	Ratio	Lower	Upper
42	100		
72	48.2	40.6	60.8
71	43.9	37.8	56.8



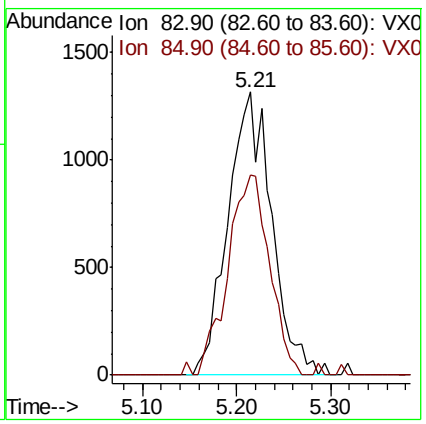


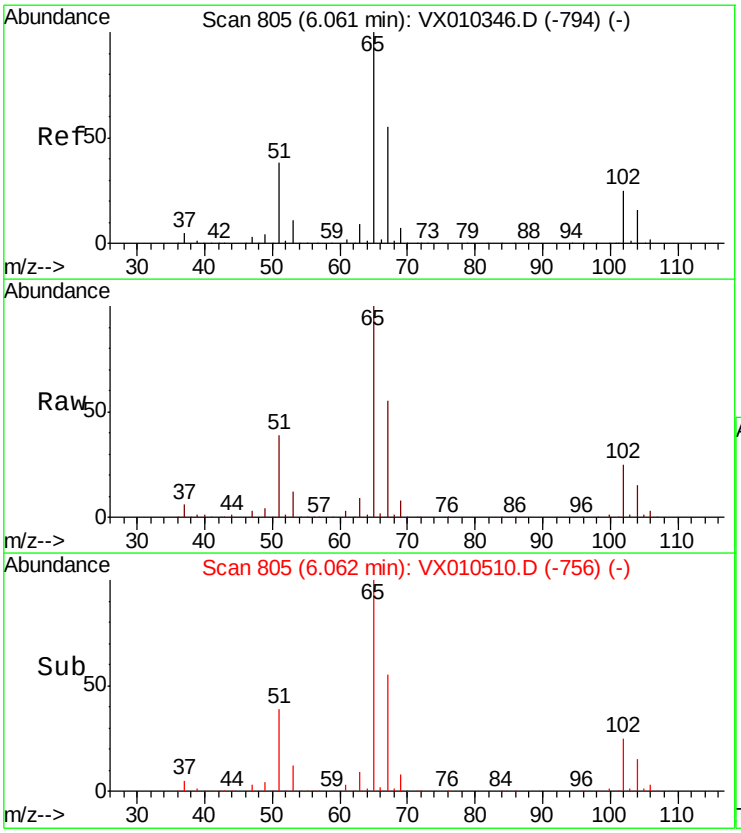
#30
Chloroform
Concen: 1.076 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.01 min
Lab File: VX010510.D
Acq: 28 Jun 2019 01:27

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 83 Resp: 4274

Ion	Ratio	Lower	Upper
83	100		
85	70.9	50.9	76.3

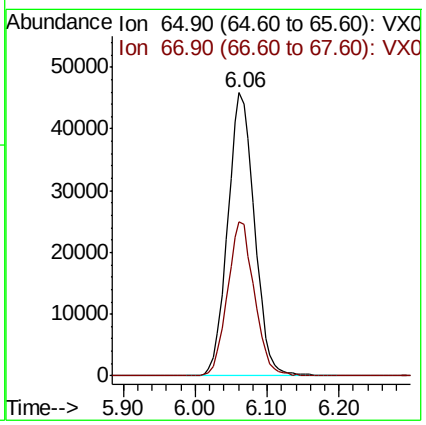


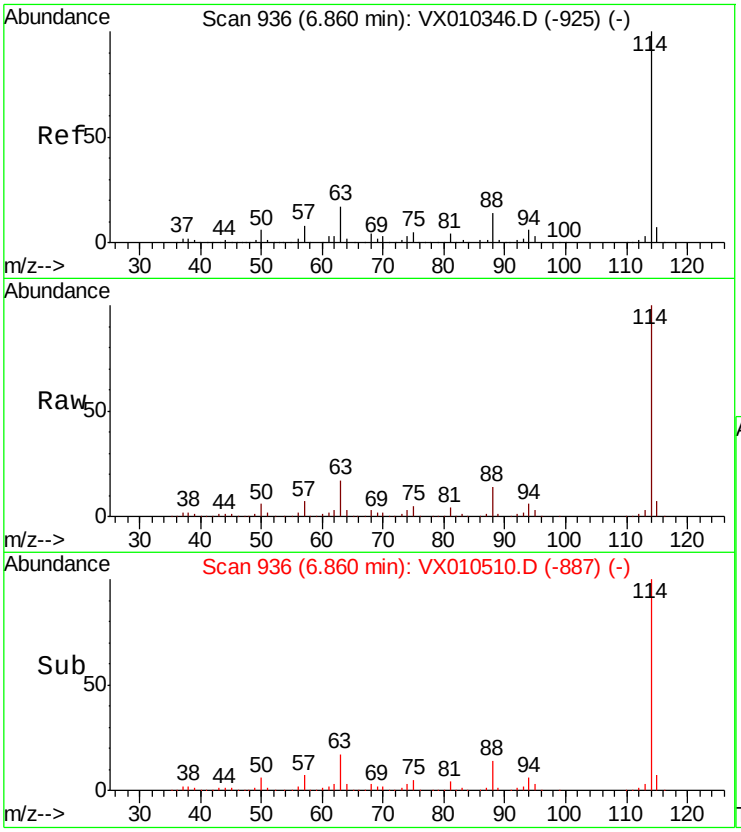


#33
1,2-Dichloroethane-d4
Concen: 50.953 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX010510.D
Acq: 28 Jun 2019 01:27

Tgt Ion: 65 Resp: 118637

Ion	Ratio	Lower	Upper
65	100		
67	54.7	0.0	110.2



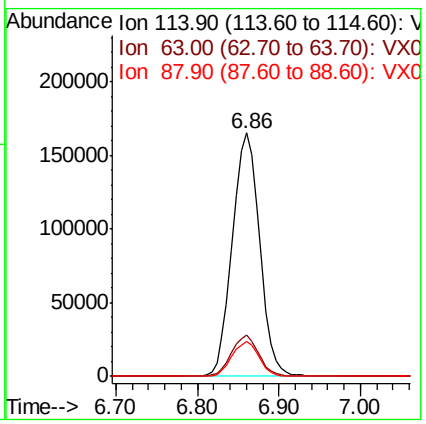


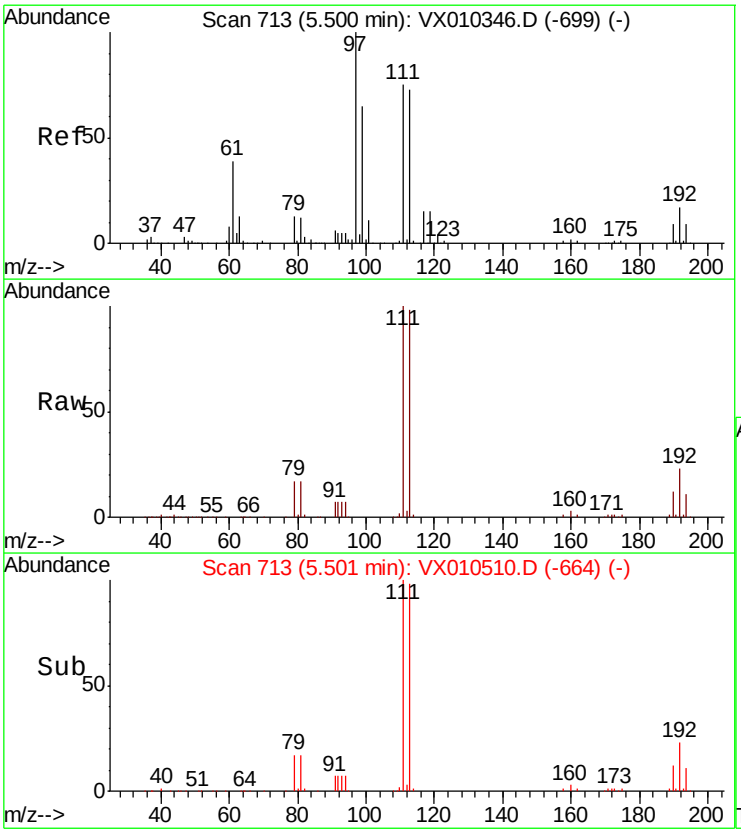
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX010510.D
Acq: 28 Jun 2019 01:27

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:114 Resp: 382517

Ion	Ratio	Lower	Upper
114	100		
63	17.1	0.0	33.8
88	14.4	0.0	27.6

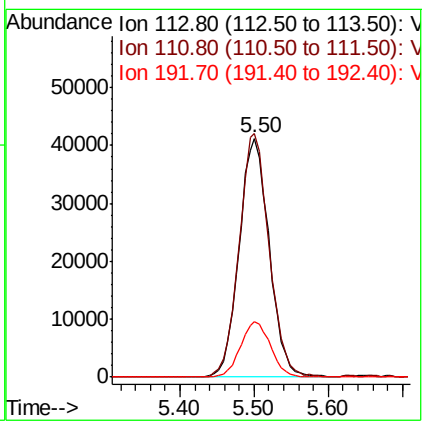


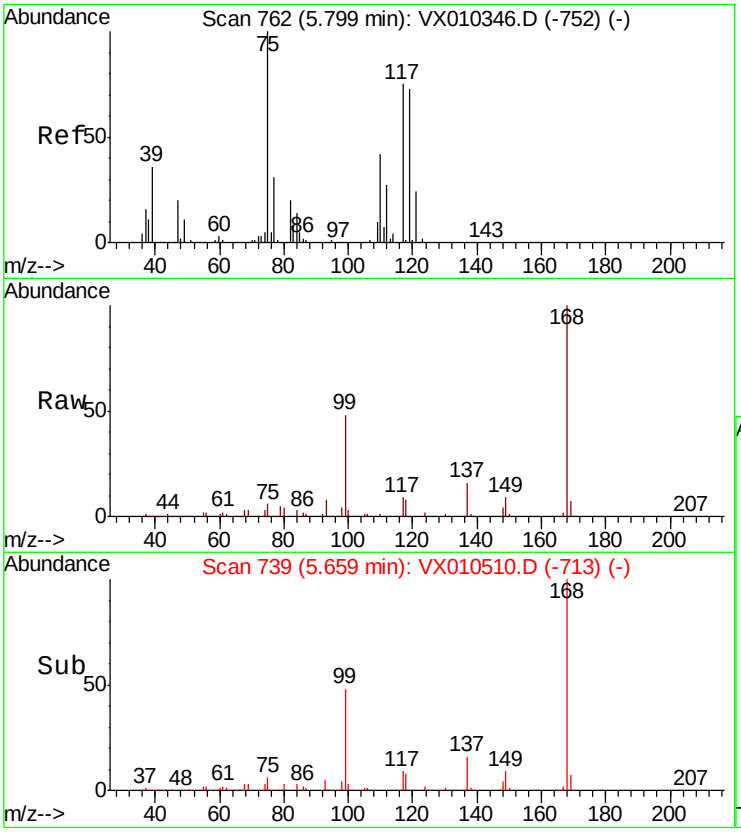


#35
Dibromofluoromethane
Concen: 49.835 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX010510.D
Acq: 28 Jun 2019 01:27

Tgt Ion:113 Resp: 116633

Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.2	121.8
192	23.3	18.6	27.8



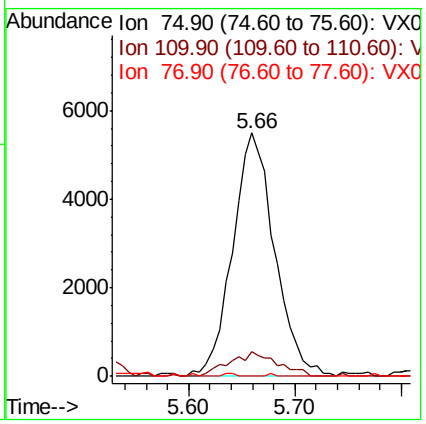


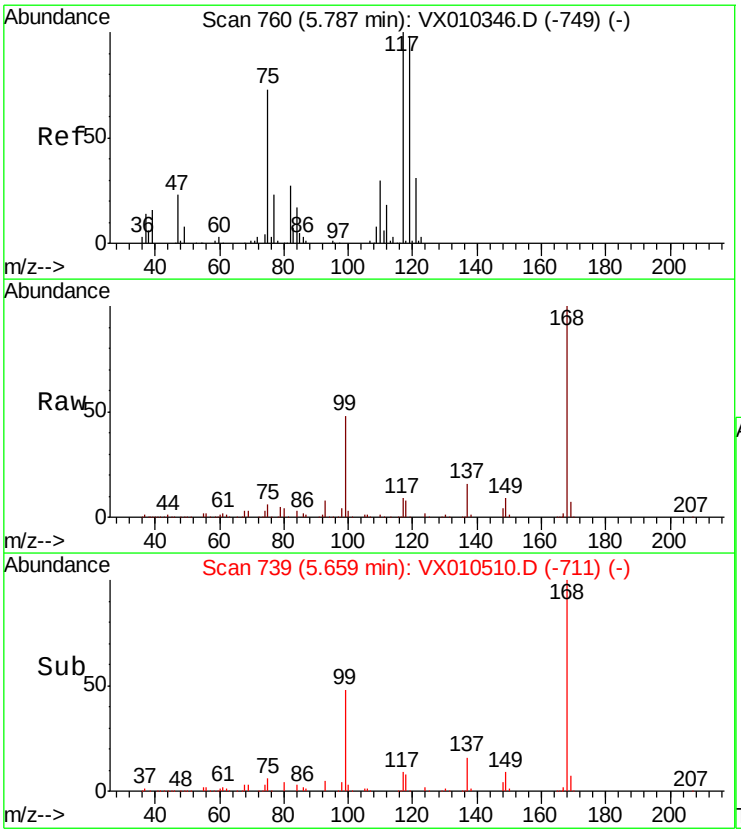
#36
1,1-Dichloropropene
Concen: 4.986 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX010510.D
Acq: 28 Jun 2019 01:27

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 15157

Ion	Ratio	Lower	Upper
75	100		
110	11.5	20.8	62.2#
77	0.3	25.4	38.0#

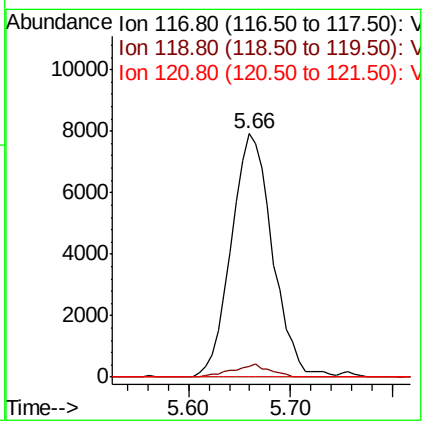


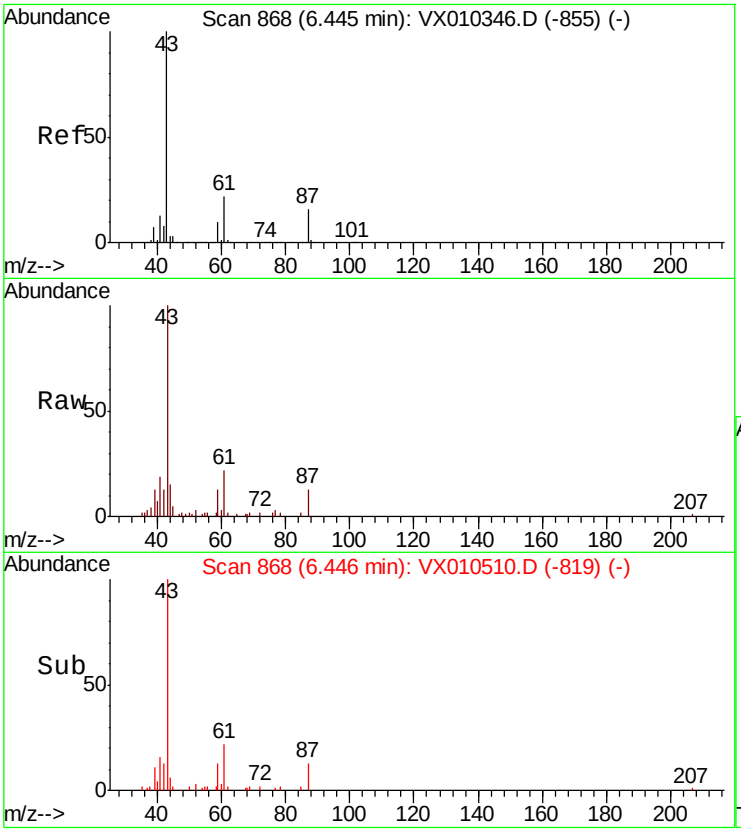


#38
Carbon Tetrachloride
Concen: 6.747 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.13 min
Lab File: VX010510.D
Acq: 28 Jun 2019 01:27

Tgt Ion:117 Resp: 22208

Ion	Ratio	Lower	Upper
117	100		
119	4.3	78.2	117.4#
121	0.0	24.7	37.1#



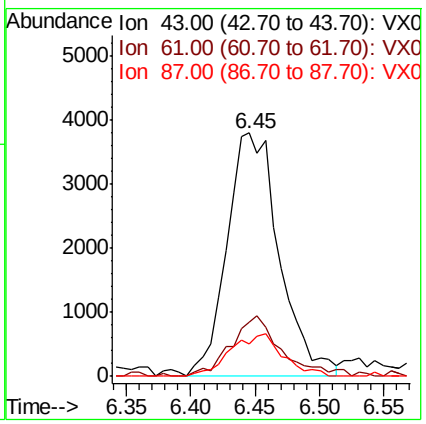


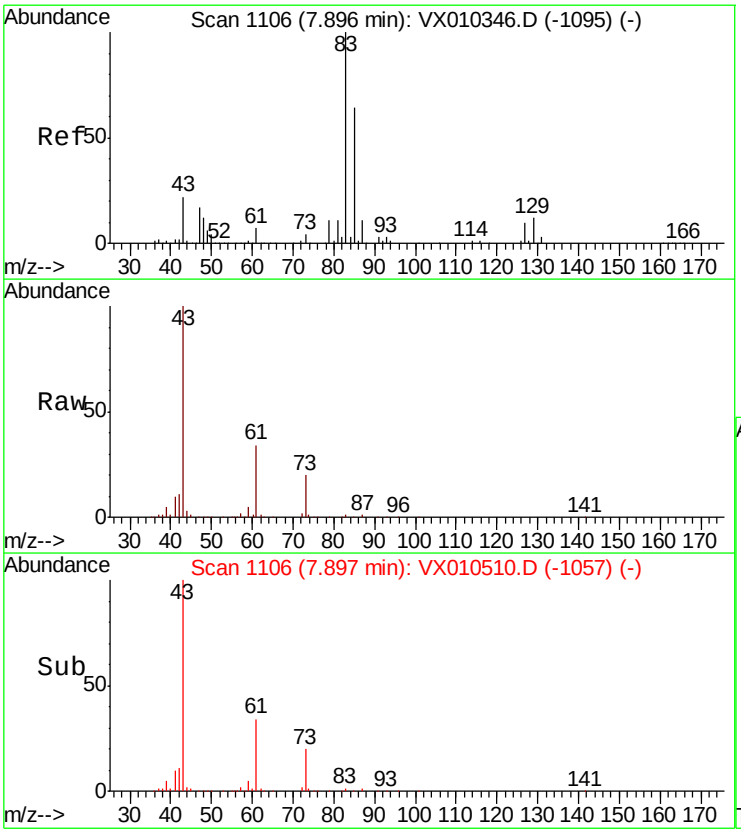
#43
Isopropyl Acetate
Concen: 2.074 ug/l
RT: 6.45 min Scan# 868
Delta R.T. 0.00 min
Lab File: VX010510.D
Acq: 28 Jun 2019 01:27

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 10732

Ion	Ratio	Lower	Upper
43	100		
61	24.1	17.8	26.6
87	17.6	13.0	19.4

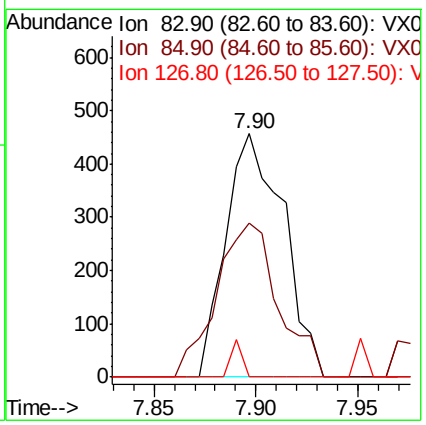


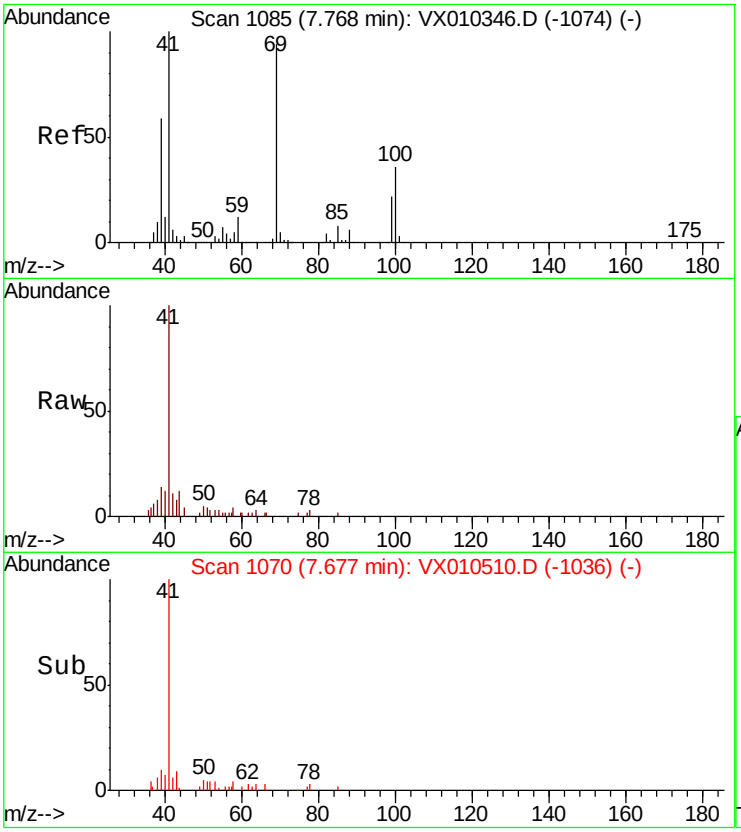


#47
Bromodichloromethane
Concen: 0.285 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VX010510.D
Acq: 28 Jun 2019 01:27

Tgt Ion: 83 Resp: 897

Ion	Ratio	Lower	Upper
83	100		
85	63.0	51.5	77.3
127	0.0	7.8	11.8#



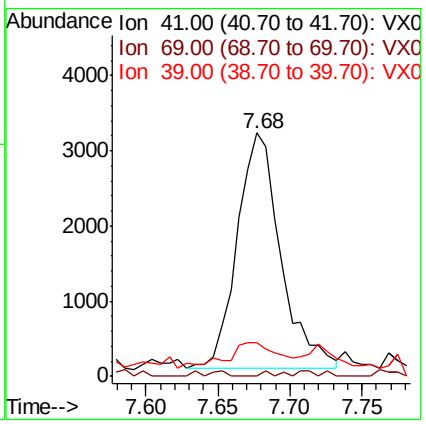


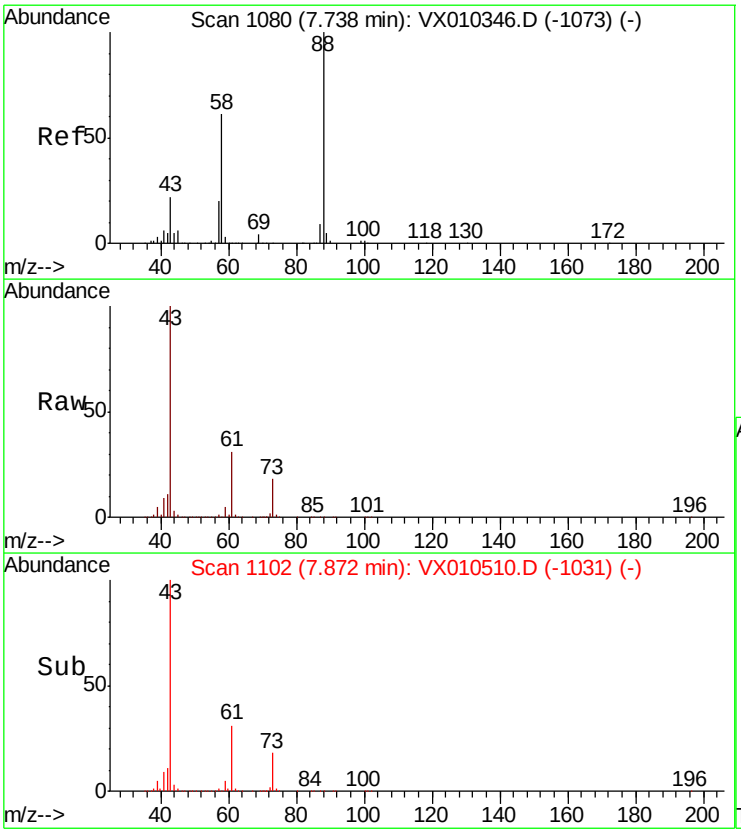
#48
Methyl methacrylate
Concen: 2.705 ug/l
RT: 7.68 min Scan# 1070
Delta R.T. -0.09 min
Lab File: VX010510.D
Acq: 28 Jun 2019 01:27

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 41 Resp: 6505

Ion	Ratio	Lower	Upper
41	100		
69	0.4	76.1	114.1#
39	0.0	47.6	71.4#

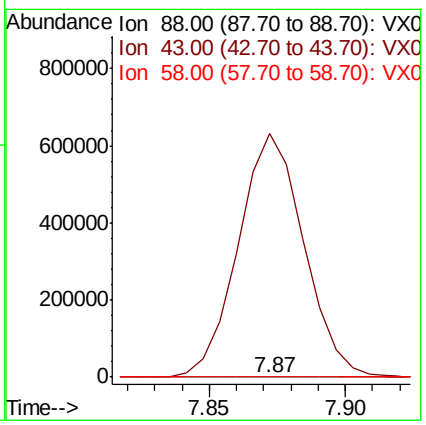


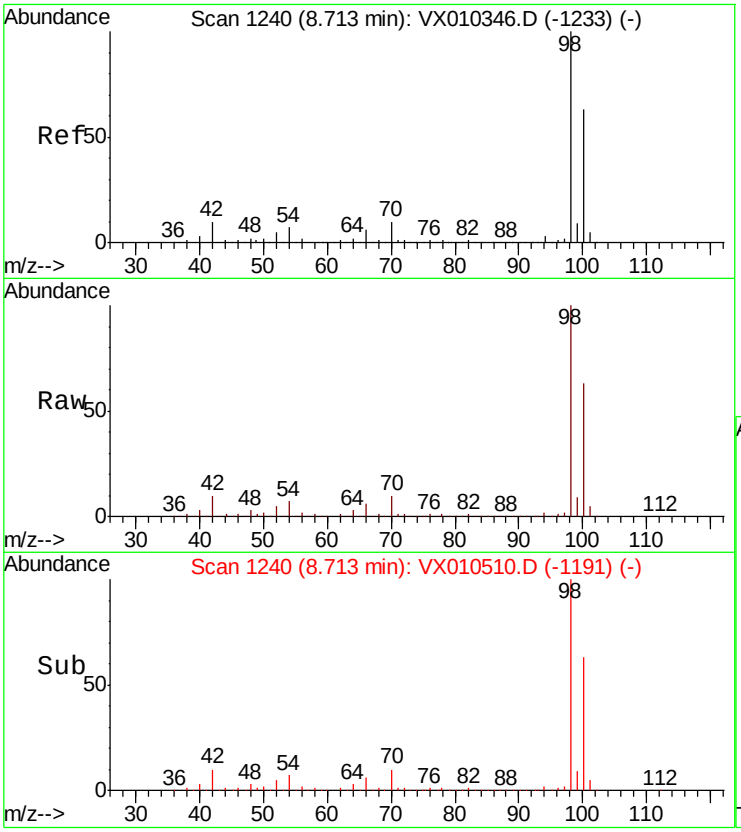


#49
1,4-Dioxane
Concen: 3.912 ug/l
RT: 7.87 min Scan# 1102
Delta R.T. 0.13 min
Lab File: VX010510.D
Acq: 28 Jun 2019 01:27

Tgt Ion: 88 Resp: 271

Ion	Ratio	Lower	Upper
88	100		
43	390701.5	20.2	30.2#
58	1905.5	49.5	74.3#



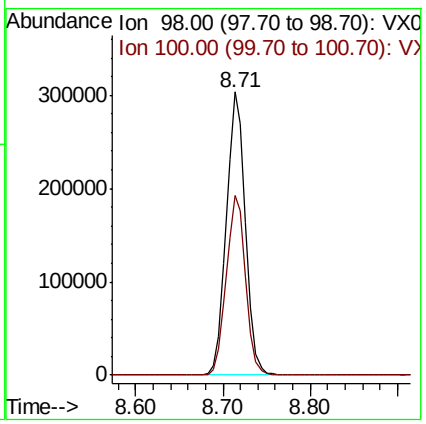


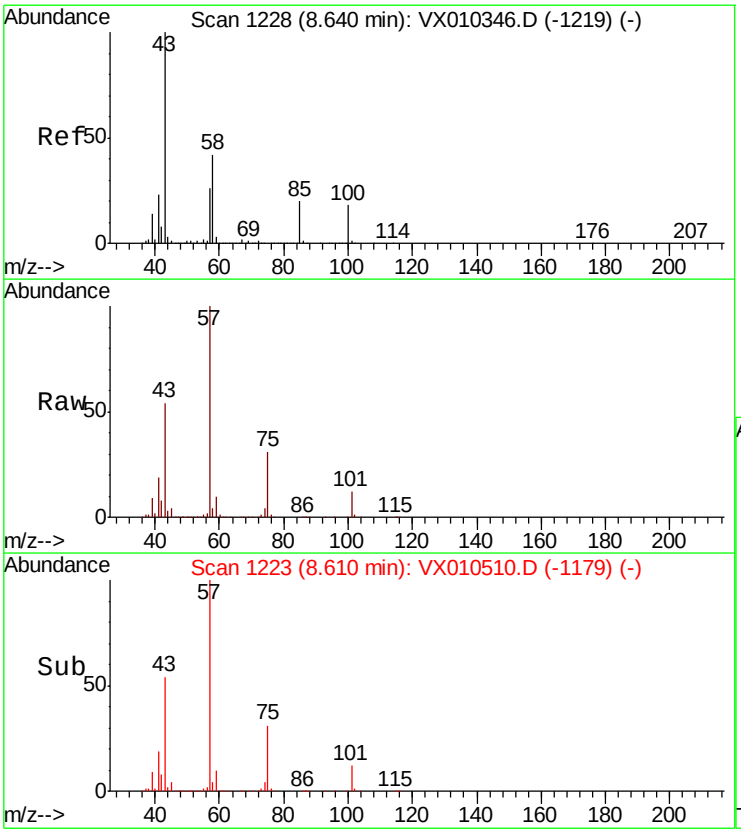
#50
Toluene-d8
Concen: 51.215 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010510.D
Acq: 28 Jun 2019 01:27

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 458569

Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.6	77.4

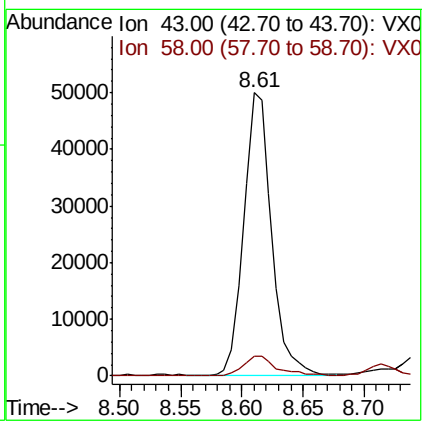


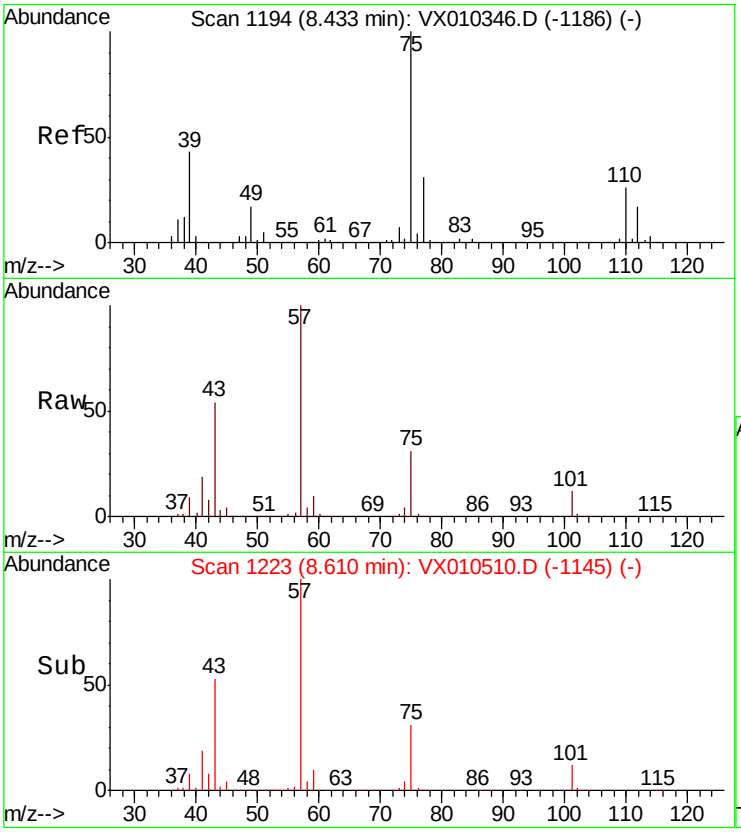


#51
4-Methyl-2-Pentanone
Concen: 23.777 ug/l
RT: 8.61 min Scan# 1223
Delta R.T. -0.03 min
Lab File: VX010510.D
Acq: 28 Jun 2019 01:27

Tgt Ion: 43 Resp: 78678

Ion	Ratio	Lower	Upper
43	100		
58	8.6	33.5	50.3#



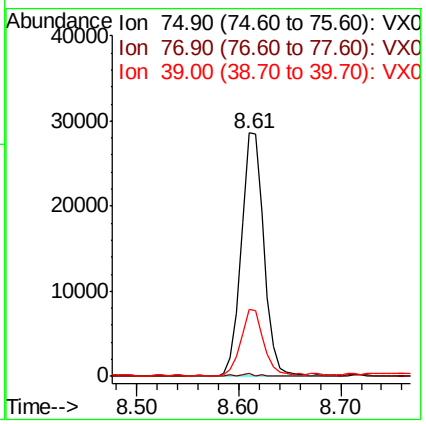


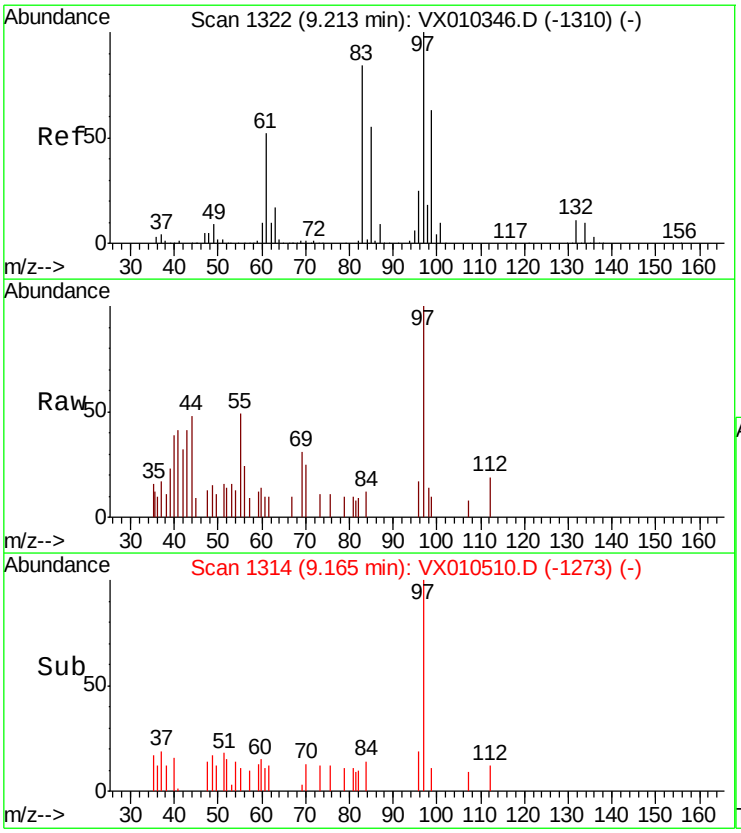
#54
cis-1,3-Dichloropropene
Concen: 11.446 ug/l
RT: 8.61 min Scan# 1223
Delta R.T. 0.18 min
Lab File: VX010510.D
Acq: 28 Jun 2019 01:27

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 43850

Ion	Ratio	Lower	Upper
75	100		
77	1.1	25.2	37.8#
39	27.3	34.5	51.7#

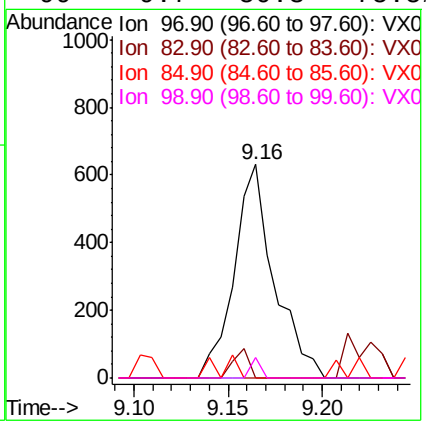


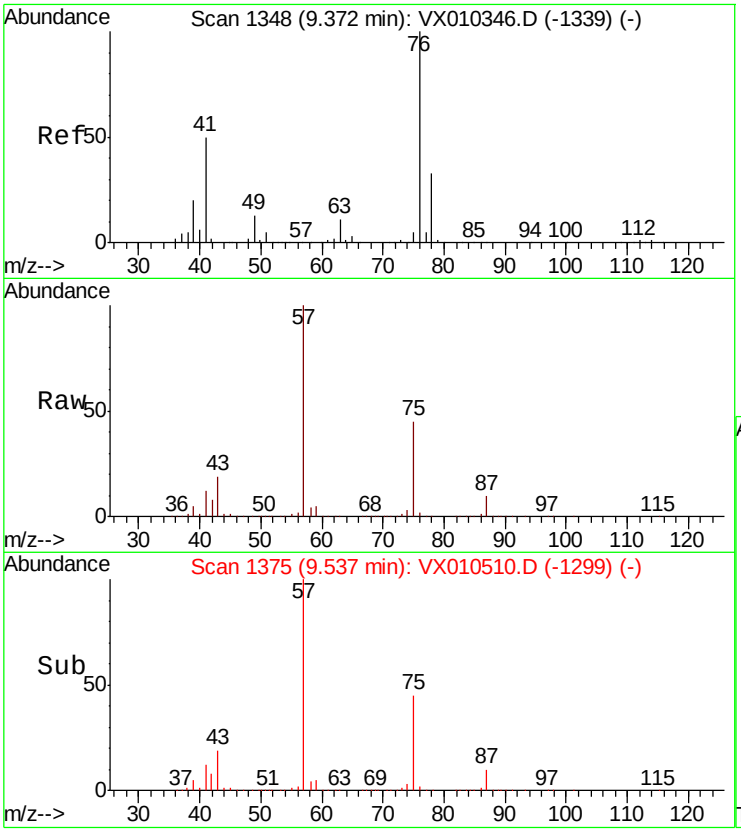


#55
1,1,2-Trichloroethane
Concen: 0.360 ug/l
RT: 9.16 min Scan# 1314
Delta R.T. -0.05 min
Lab File: VX010510.D
Acq: 28 Jun 2019 01:27

Tgt Ion: 97 Resp: 927

Ion	Ratio	Lower	Upper
97	100		
83	0.0	67.4	101.0#
85	0.0	43.8	65.8#
99	9.7	50.3	75.5#



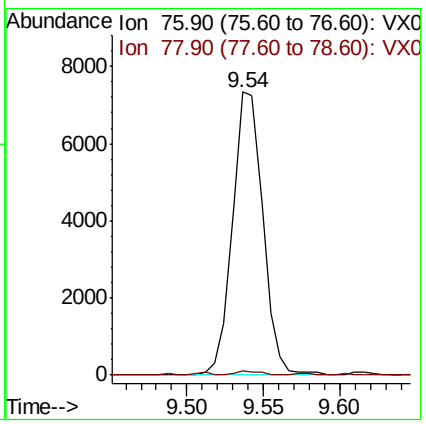


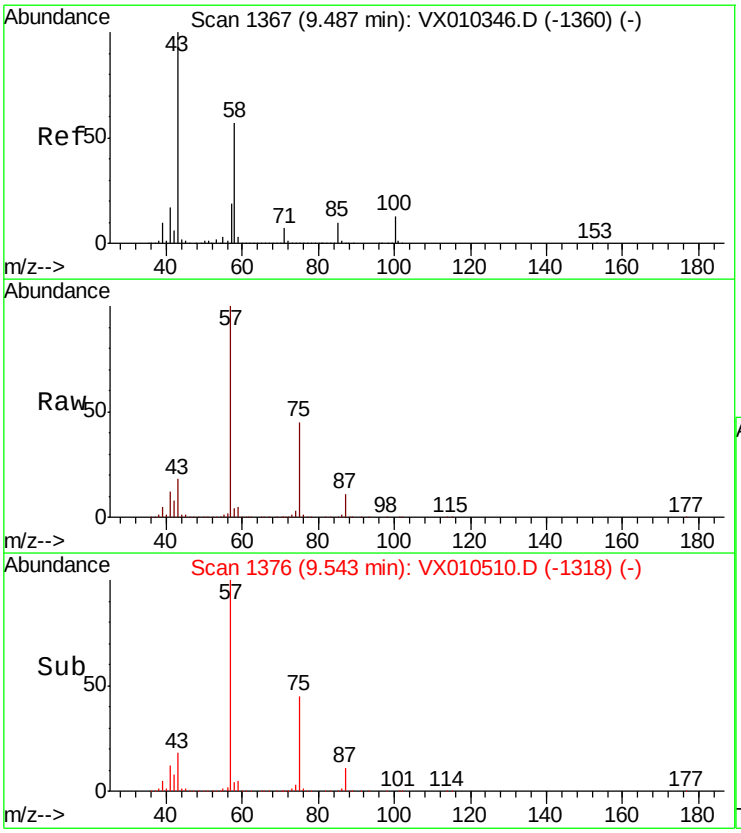
#57
1,3-Dichloropropane
Concen: 2.531 ug/l
RT: 9.54 min Scan# 1375
Delta R.T. 0.16 min
Lab File: VX010510.D
Acq: 28 Jun 2019 01:27

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 76 Resp: 10107

Ion	Ratio	Lower	Upper
76	100		
78	1.1	26.1	39.1#

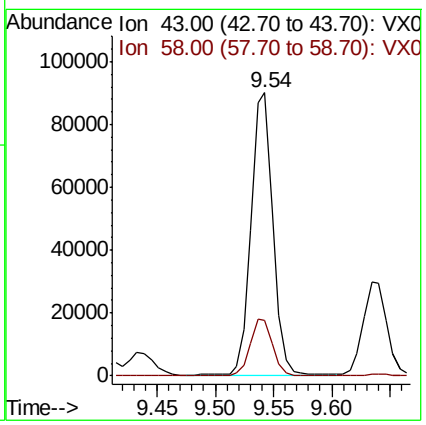


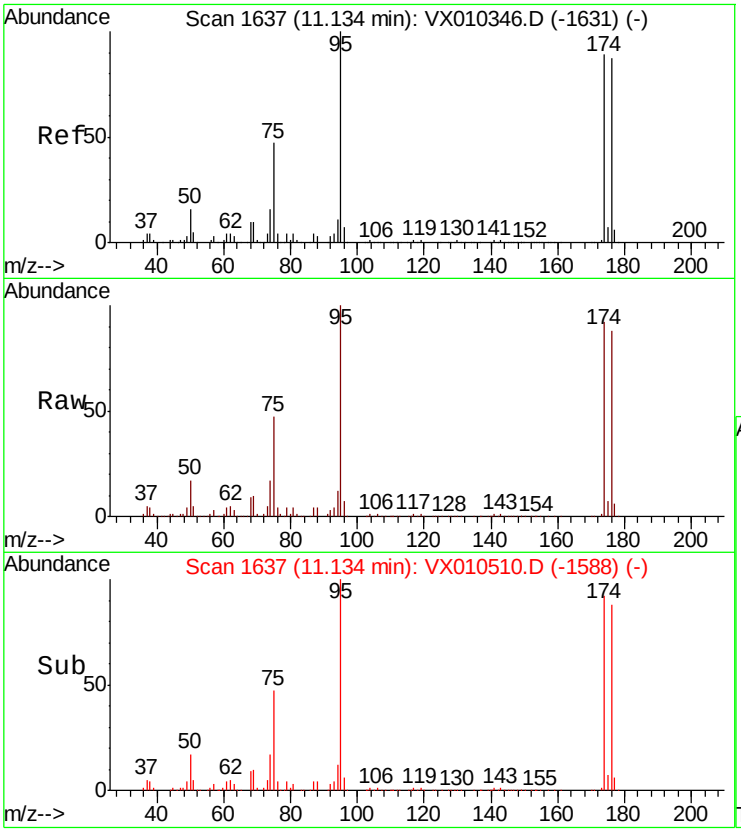


#59
2-Hexanone
Concen: 45.344 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.06 min
Lab File: VX010510.D
Acq: 28 Jun 2019 01:27

Tgt Ion: 43 Resp: 118087

Ion	Ratio	Lower	Upper
43	100		
58	21.1	29.0	87.1#



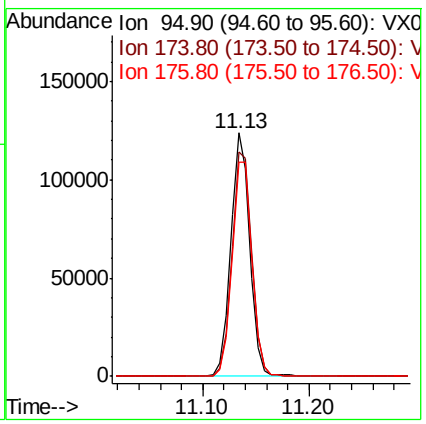


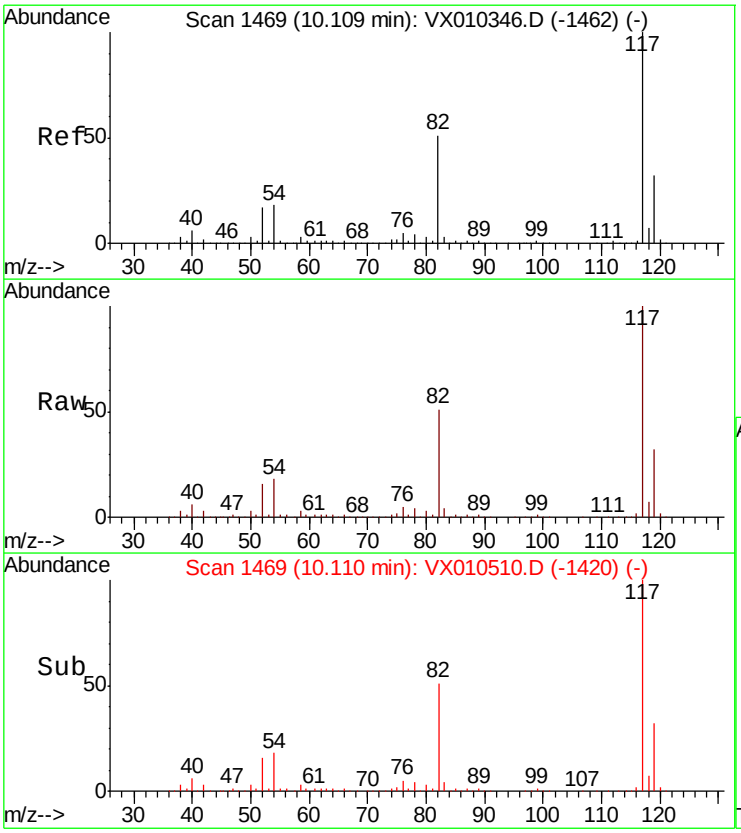
#62
4-Bromofluorobenzene
Concen: 47.983 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010510.D
Acq: 28 Jun 2019 01:27

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 155108

Ion	Ratio	Lower	Upper
95	100		
174	96.1	0.0	187.6
176	92.7	0.0	184.0

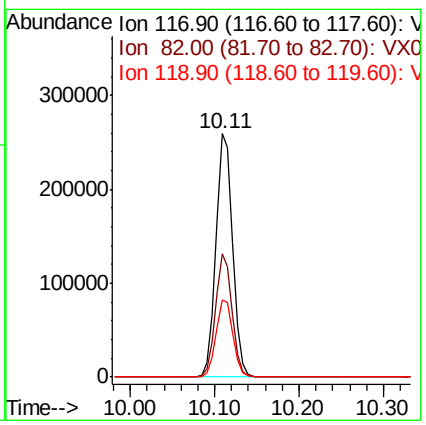


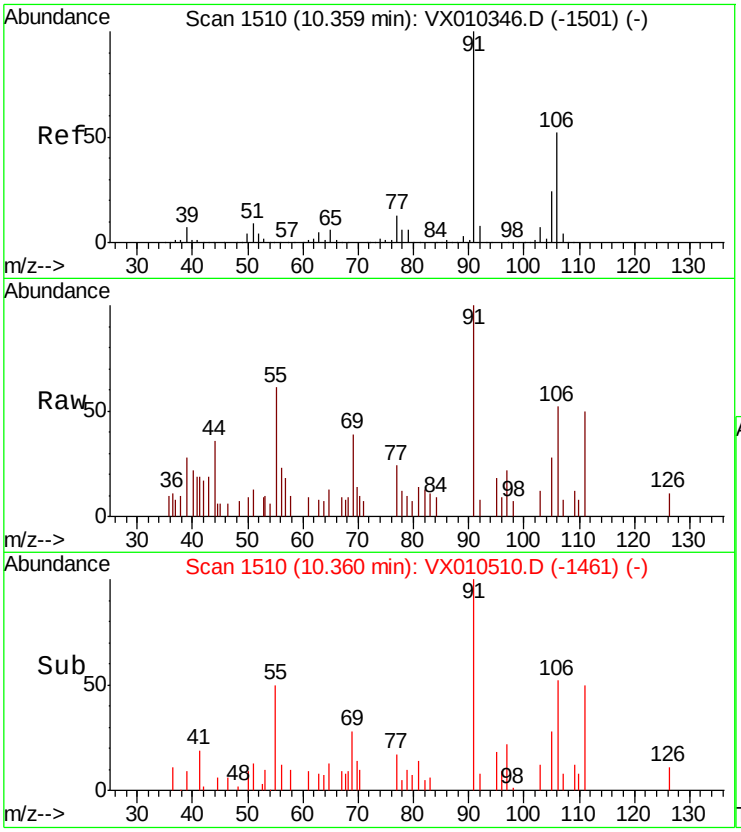


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010510.D
Acq: 28 Jun 2019 01:27

Tgt Ion:117 Resp: 355844

Ion	Ratio	Lower	Upper
117	100		
82	50.7	41.2	61.8
119	31.8	25.5	38.3



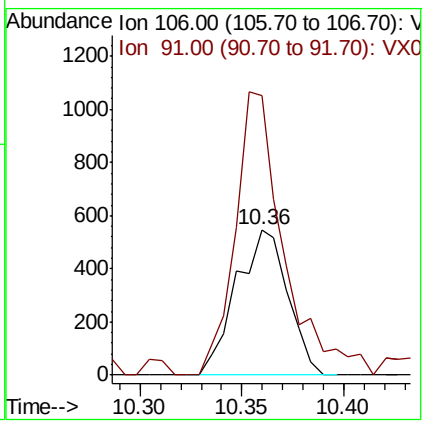


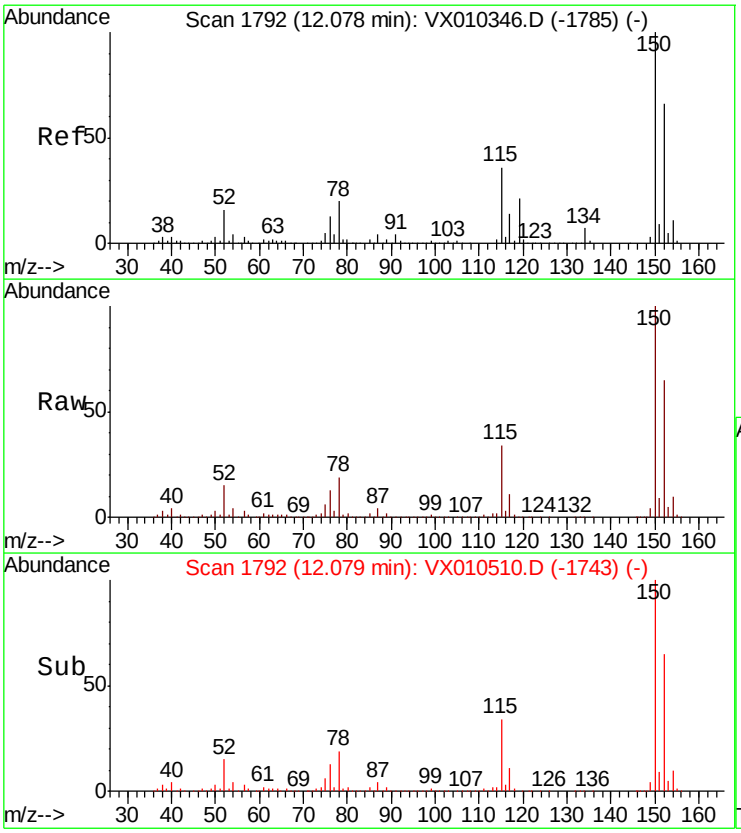
#68
m/p-Xylenes
Concen: 0.203 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010510.D
Acq: 28 Jun 2019 01:27

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:106 Resp: 958

Ion	Ratio	Lower	Upper
106	100		
91	184.2	155.3	232.9

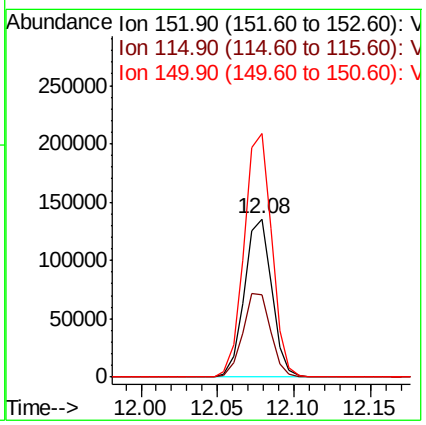


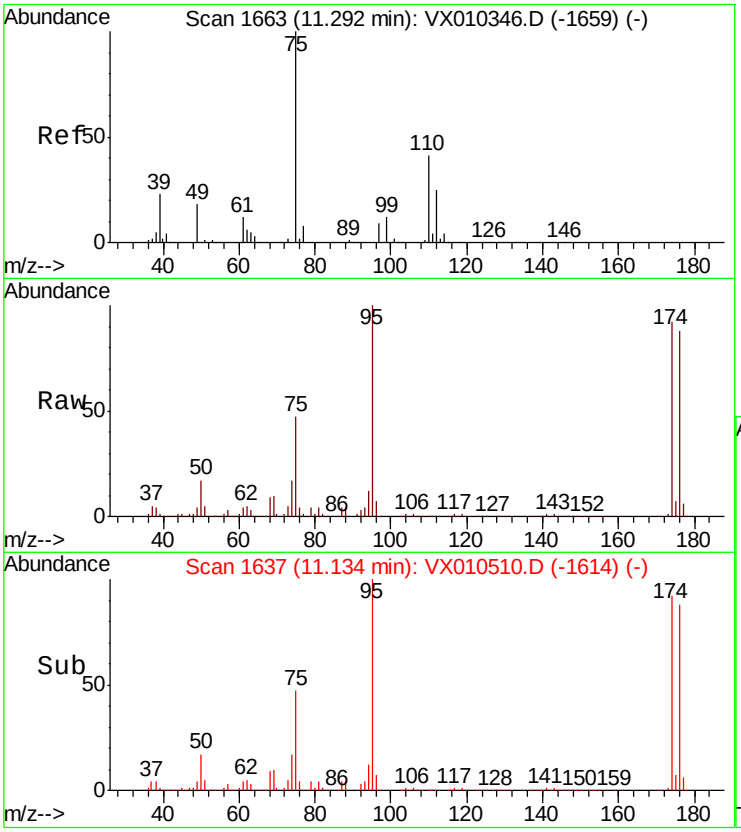


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010510.D
Acq: 28 Jun 2019 01:27

Tgt Ion:152 Resp: 168294

Ion	Ratio	Lower	Upper
152	100		
115	53.7	38.6	115.7
150	156.2	0.0	347.4



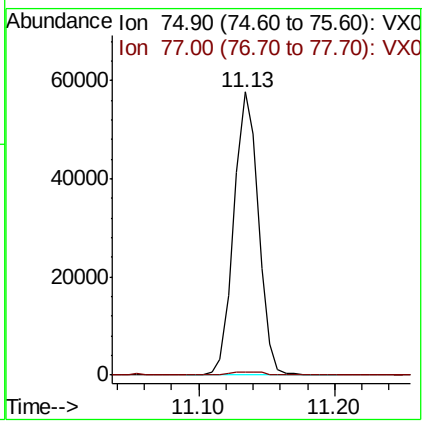


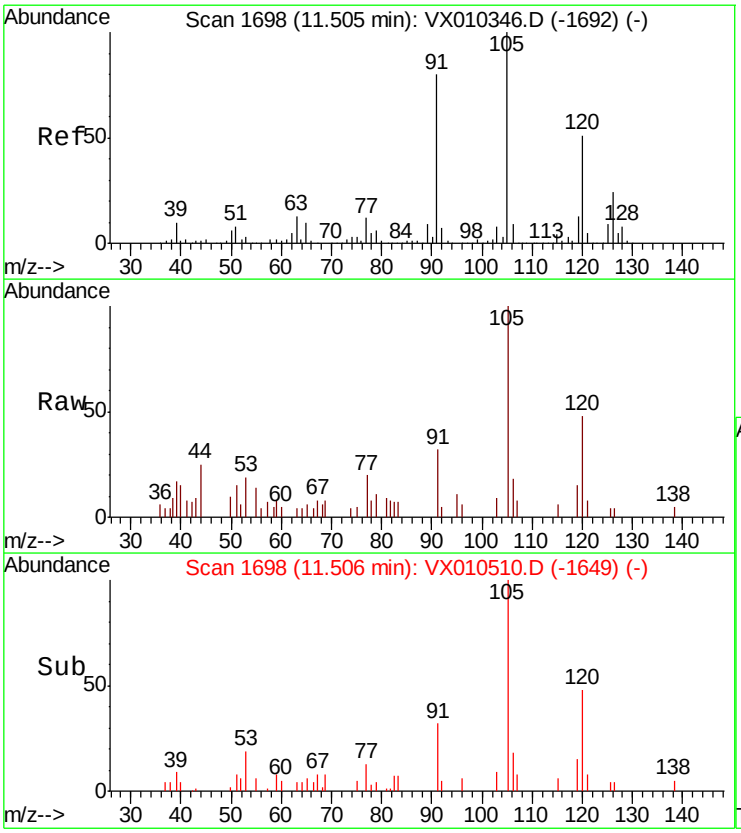
#76
1,2,3-Trichloropropane
Concen: 23.780 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX010510.D
Acq: 28 Jun 2019 01:27

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 72929

Ion	Ratio	Lower	Upper
75	100		
77	1.3	22.6	67.8#

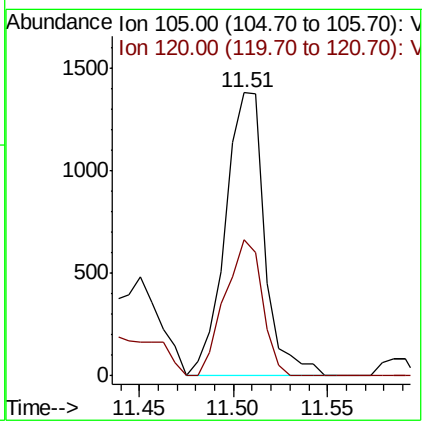


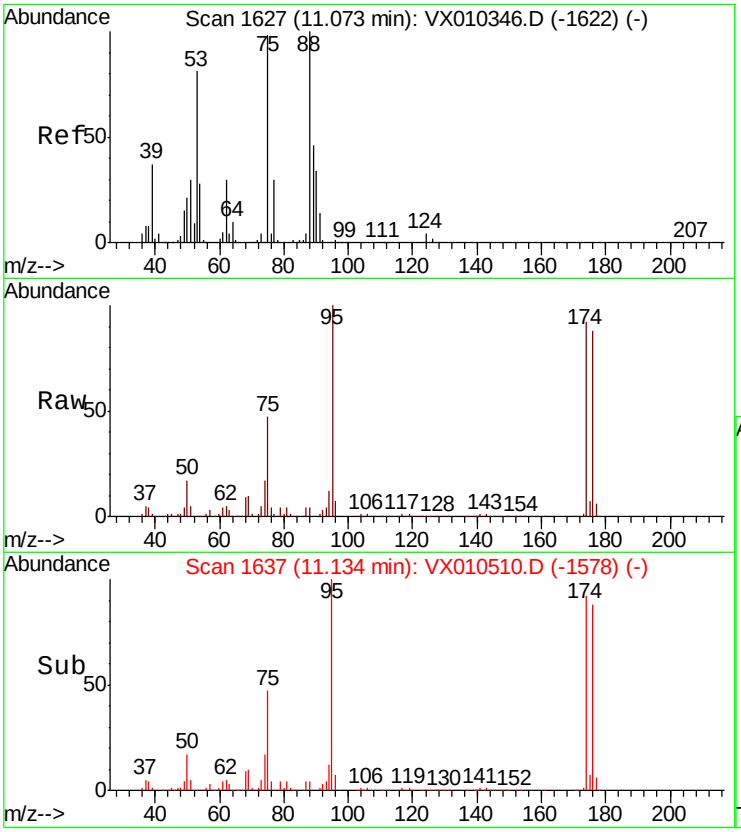


#80
1,3,5-Trimethylbenzene
Concen: 0.214 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX010510.D
Acq: 28 Jun 2019 01:27

Tgt Ion:105 Resp: 2010

Ion	Ratio	Lower	Upper
105	100		
120	45.4	25.2	75.6



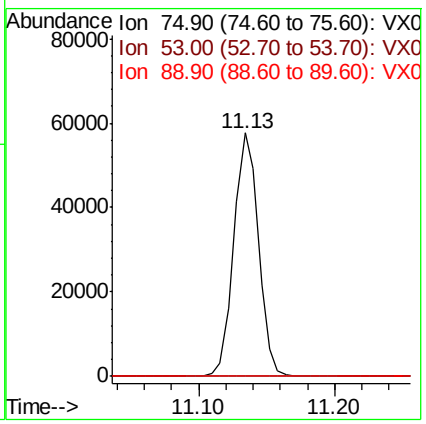


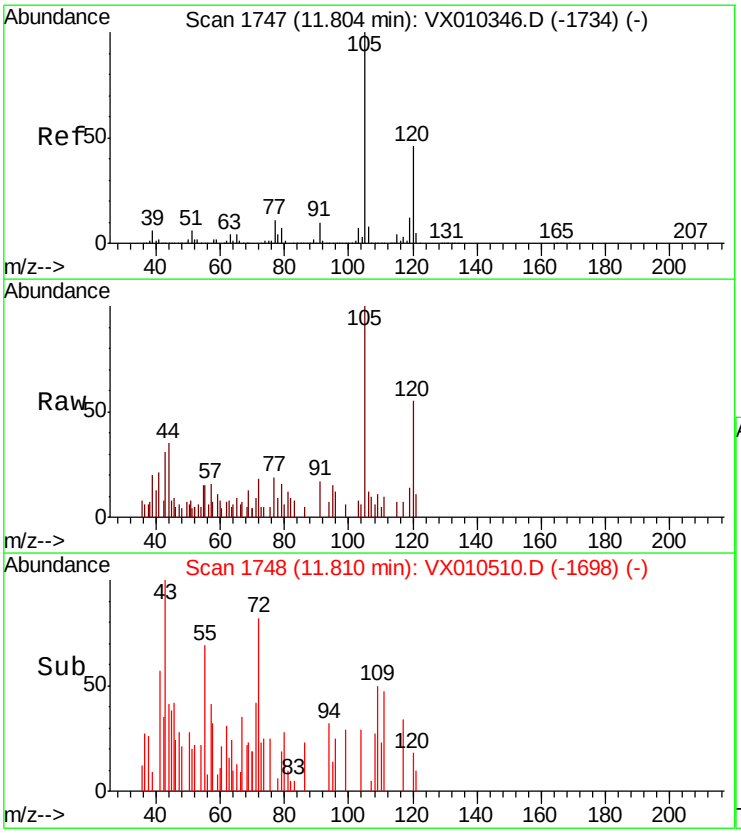
#81
trans-1,4-Dichloro-2-butene
Concen: 55.477 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX010510.D
Acq: 28 Jun 2019 01:27

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 72929

Ion	Ratio	Lower	Upper
75	100		
53	0.3	66.1	99.1#
89	0.0	37.8	56.6#

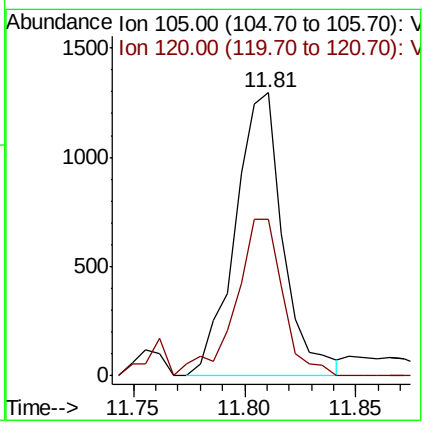


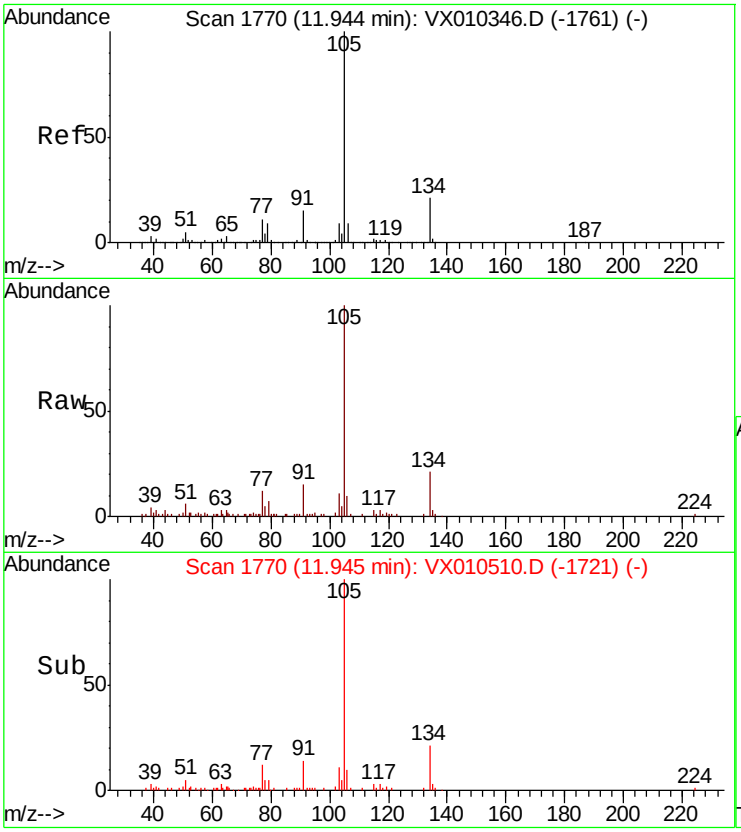


#84
1,2,4-Trimethylbenzene
Concen: 0.207 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. 0.01 min
Lab File: VX010510.D
Acq: 28 Jun 2019 01:27

Tgt Ion:105 Resp: 1954

Ion	Ratio	Lower	Upper
105	100		
120	53.1	23.1	69.2



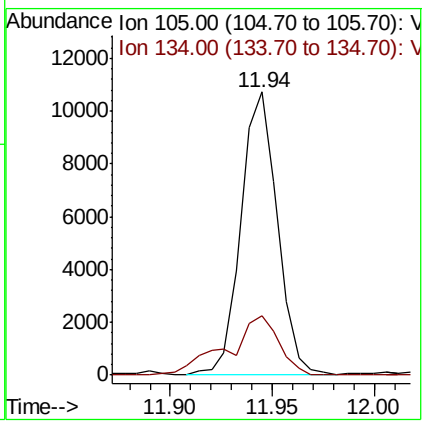


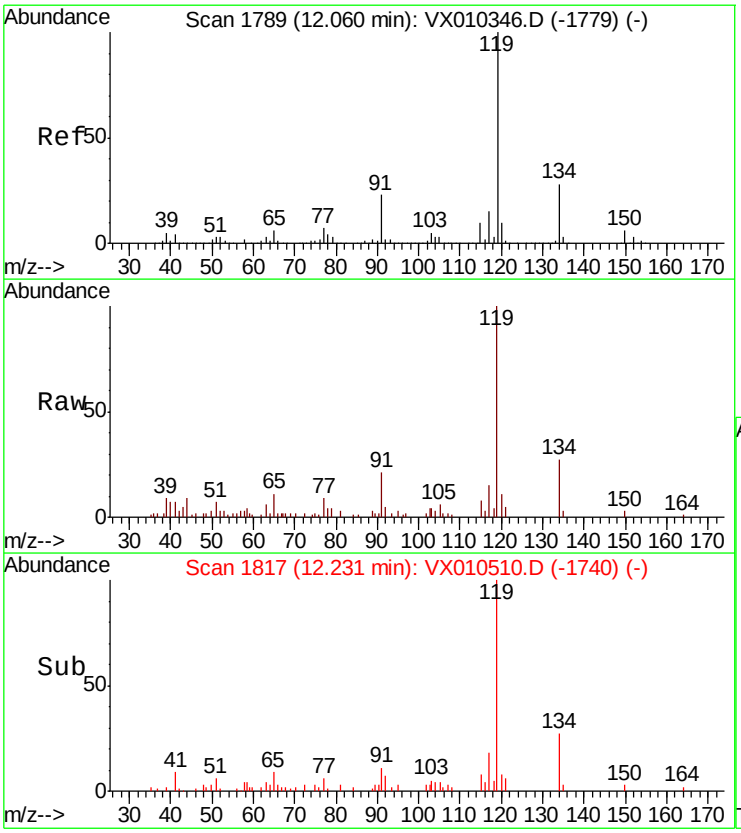
#85
sec-Butylbenzene
Concen: 1.201 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. 0.00 min
Lab File: VX010510.D
Acq: 28 Jun 2019 01:27

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:105 Resp: 13309

Ion	Ratio	Lower	Upper
105	100		
134	29.5	10.7	31.9

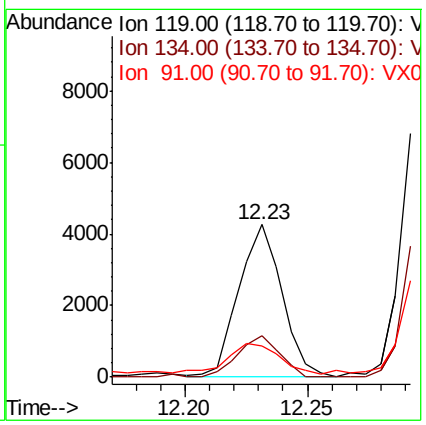


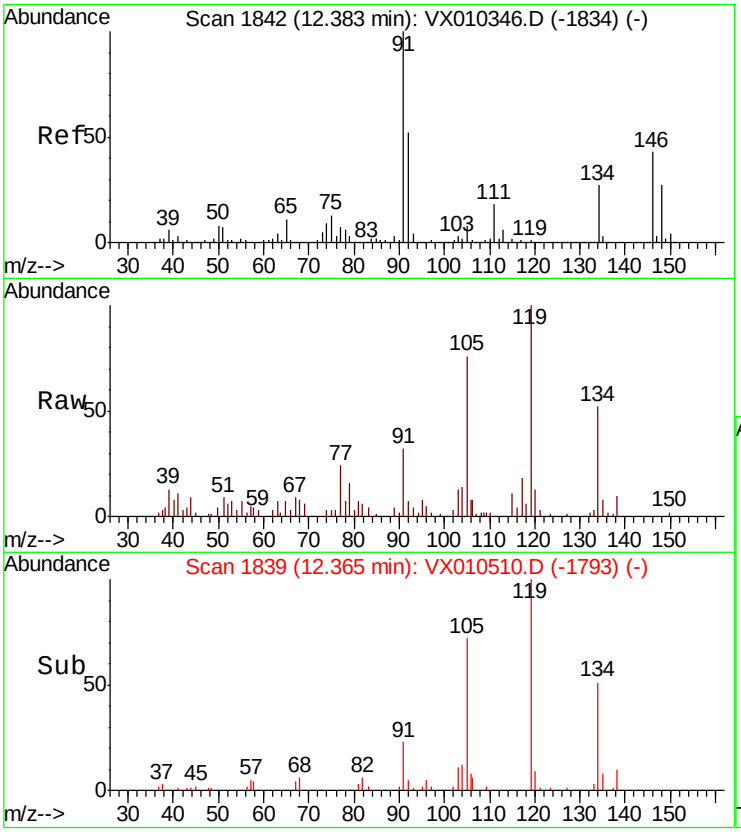


#86
p-Isopropyltoluene
Concen: 0.515 ug/l
RT: 12.23 min Scan# 1817
Delta R.T. 0.17 min
Lab File: VX010510.D
Acq: 28 Jun 2019 01:27

Tgt Ion:119 Resp: 5277

Ion	Ratio	Lower	Upper
119	100		
134	25.8	13.7	41.1
91	27.3	11.3	33.8



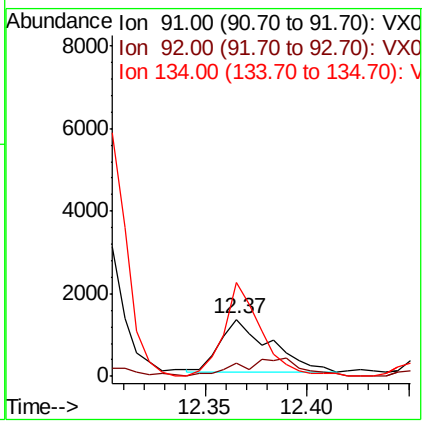


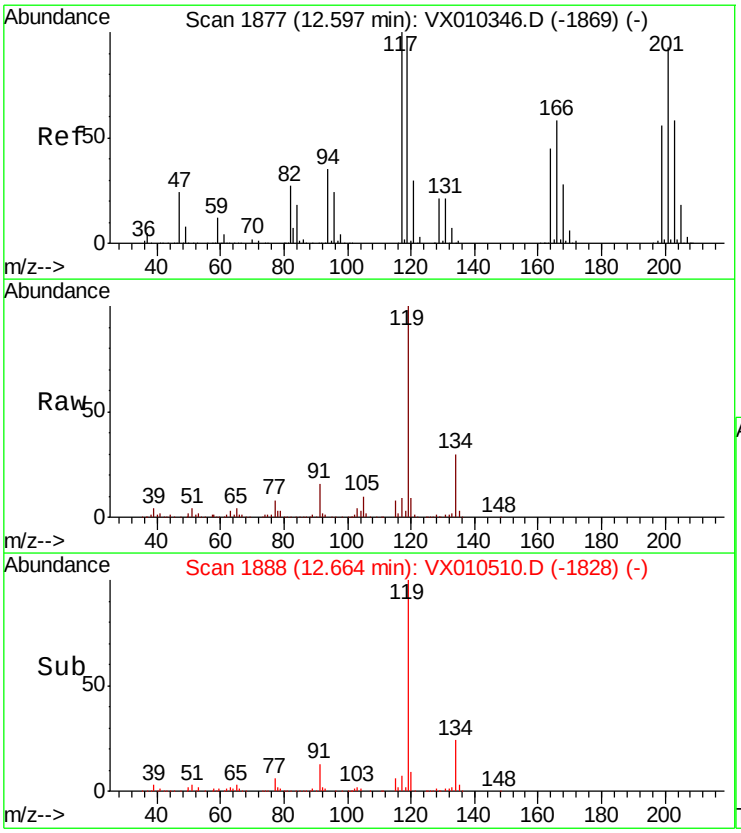
#89
n-Butylbenzene
Concen: 0.257 ug/l
RT: 12.37 min Scan# 1839
Delta R.T. -0.02 min
Lab File: VX010510.D
Acq: 28 Jun 2019 01:27

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 91 Resp: 2235

Ion	Ratio	Lower	Upper
91	100		
92	0.0	26.2	78.5#
134	129.4	14.1	42.4#

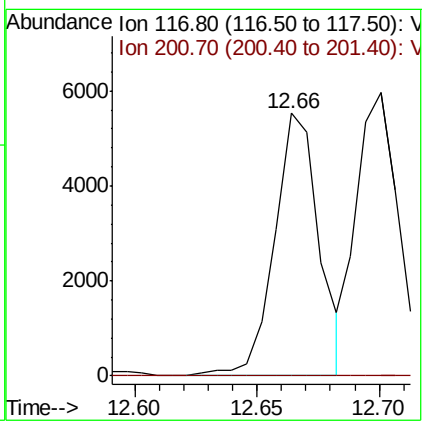


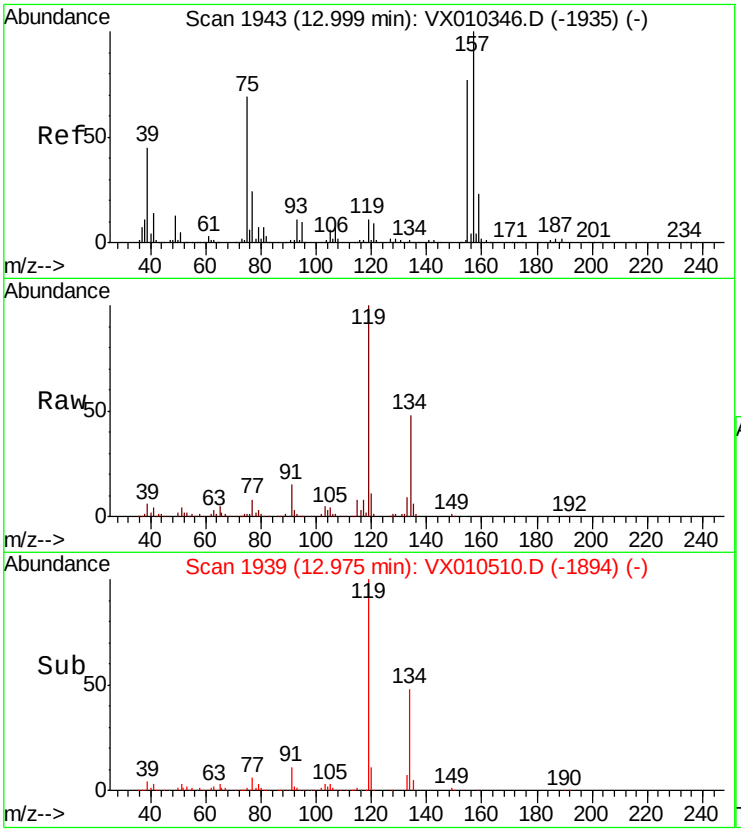


#90
Hexachloroethane
Concen: 3.951 ug/l
RT: 12.66 min Scan# 1888
Delta R.T. 0.07 min
Lab File: VX010510.D
Acq: 28 Jun 2019 01:27

Tgt Ion:117 Resp: 7004

Ion	Ratio	Lower	Upper
117	100		
201	0.0	44.0	131.8#



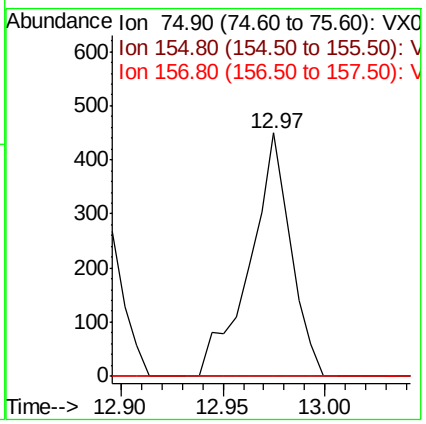


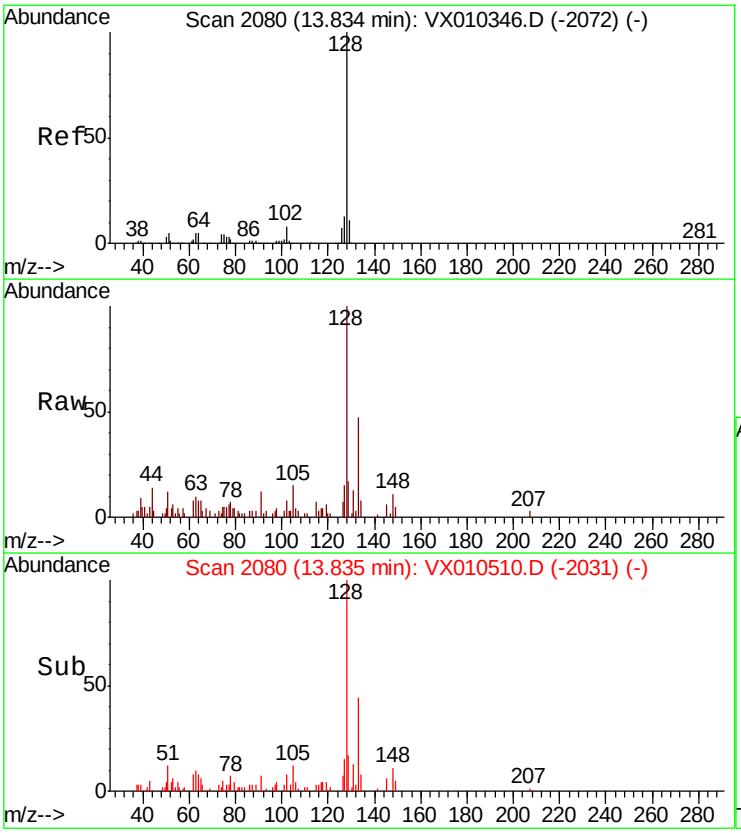
#92
1,2-Dibromo-3-Chloropropane
Concen: 0.773 ug/l
RT: 12.97 min Scan# 1939
Delta R.T. -0.02 min
Lab File: VX010510.D
Acq: 28 Jun 2019 01:27

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 630

Ion	Ratio	Lower	Upper
75	100		
155	0.0	54.4	163.1#
157	0.0	69.5	208.3#





#95
Naphthalene
Concen: 0.526 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010510.D
Acq: 28 Jun 2019 01:27

Tgt Ion:128 Resp: 6195

Ion	Ratio	Lower	Upper
128	100		
127	19.2	10.2	15.4#
129	15.8	8.9	13.3#