Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX021219\
Data File : VX007496.D
Acq On : 12 Feb 2019 18:37
Operator : JC/SP
Sample : K1460-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : WC-20190208

Quant Time: Feb 13 00:14:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
Quant Title : SW846 8260
QLast Update : Sat Feb 02 01:32:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	499933	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	777776	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	723856	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	356590	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	267328	50.38	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.76%			
35) Dibromofluoromethane	5.50	113	249488	49.30	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.60%			
50) Toluene-d8	8.71	98	933286	49.71	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.42%			
62) 4-Bromofluorobenzene	11.13	95	336081	49.03	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.06%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	203	0.210	ug/l #	1
3) Chloromethane	1.33	50	1326	0.235	ug/l #	75
5) Bromomethane	1.66	94	321	Below Cal	#	61
6) Chloroethane	1.78	64	767	0.215	ug/l #	43
11) Tert butyl alcohol	3.02	59	24450	22.265	ug/l #	74
13) Acrolein	2.29	56	324	0.629	ug/l #	10
15) Acrylonitrile	3.16	53	742	0.273	ug/l #	63
16) Acetone	2.45	43	45079	18.546	ug/l	100
17) Carbon Disulfide	2.57	76	1276	2.219	ug/l	99
18) Methyl Acetate	2.78	43	2792	1.029	ug/l #	82
25) 2-Butanone	4.70	43	8480	2.451	ug/l #	87
30) Chloroform	5.22	83	57682	6.728	ug/l	98
36) 1,1-Dichloropropene	5.67	75	31721	4.546	ug/l #	50
38) Carbon Tetrachloride	5.67	117	44664	6.597	ug/l #	17
47) Bromodichloromethane	7.90	83	14905	2.349	ug/l	94
49) 1,4-Dioxane	7.77	88	340	9.605	ug/l #	41
51) 4-Methyl-2-Pentanone	8.64	43	4889	0.682	ug/l	89
52) Toluene	8.78	92	34191	2.578	ug/l	99
60) Dibromochloromethane	9.58	129	3329	0.637	ug/l	91
67) Ethyl Benzene	10.25	91	5408	0.213	ug/l	95
68) m/p-Xylenes	10.36	106	6106	0.604	ug/l	95
69) o-Xylene	10.70	106	2504	0.257	ug/l	60
71) Bromoform	10.85	173	138	4.057	ug/l #	29
76) 1,2,3-Trichloropropane	11.13	75	158744	22.887	ug/l #	33
81) trans-1,4-Dichloro-2-buten	11.13	75	158744	68.986	ug/l #	9
84) 1,2,4-Trimethylbenzene	11.81	105	4374	0.217	ug/l	94
92) 1,2-Dibromo-3-Chloropropan	12.98	75	528	0.344	ug/l #	20
95) Naphthalene	13.83	128	6177	0.257	ug/l #	87

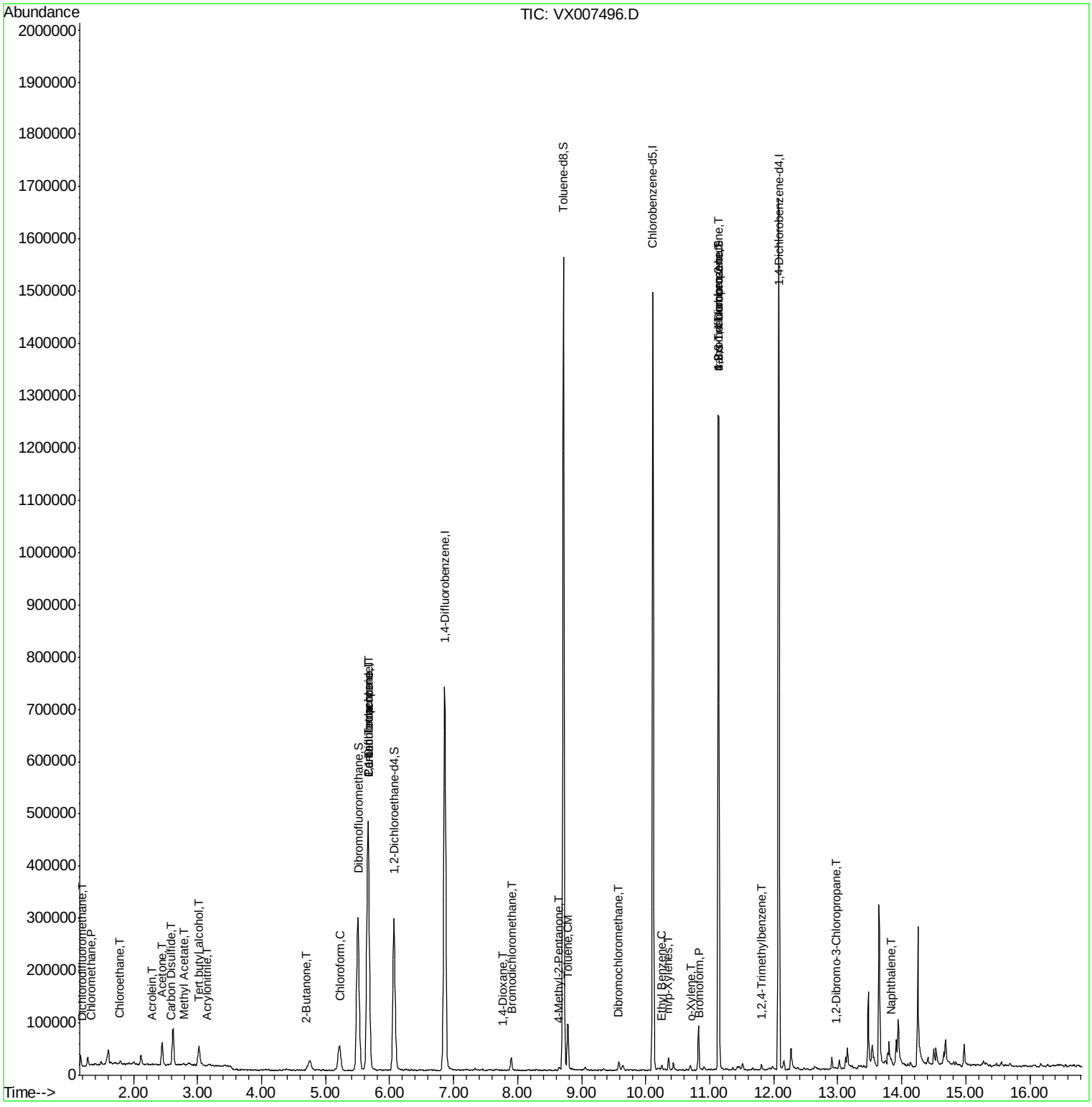
(#) = qualifier out of range (m) = manual integration (+) = signals summed

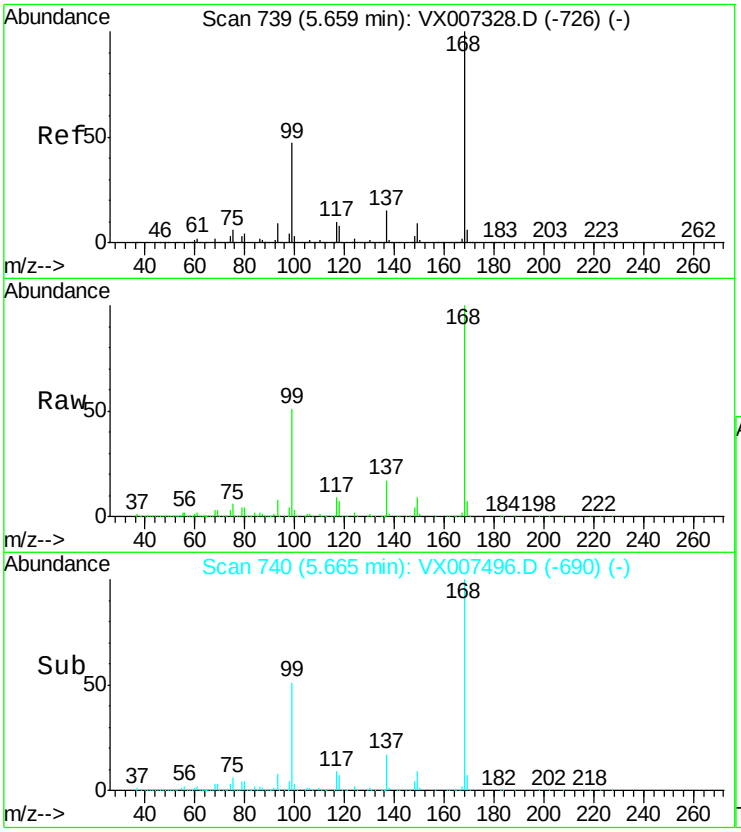
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX021219\
Data File : VX007496.D
Acq On : 12 Feb 2019 18:37
Operator : JC/SP
Sample : K1460-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : WC-20190208

Quant Time: Feb 13 00:14:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
Quant Title : SW846 8260
QLast Update : Sat Feb 02 01:32:36 2019
Response via : Initial Calibration



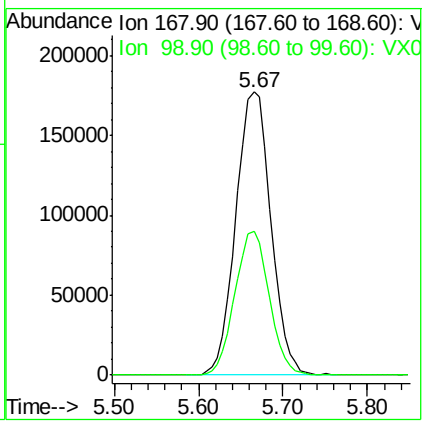


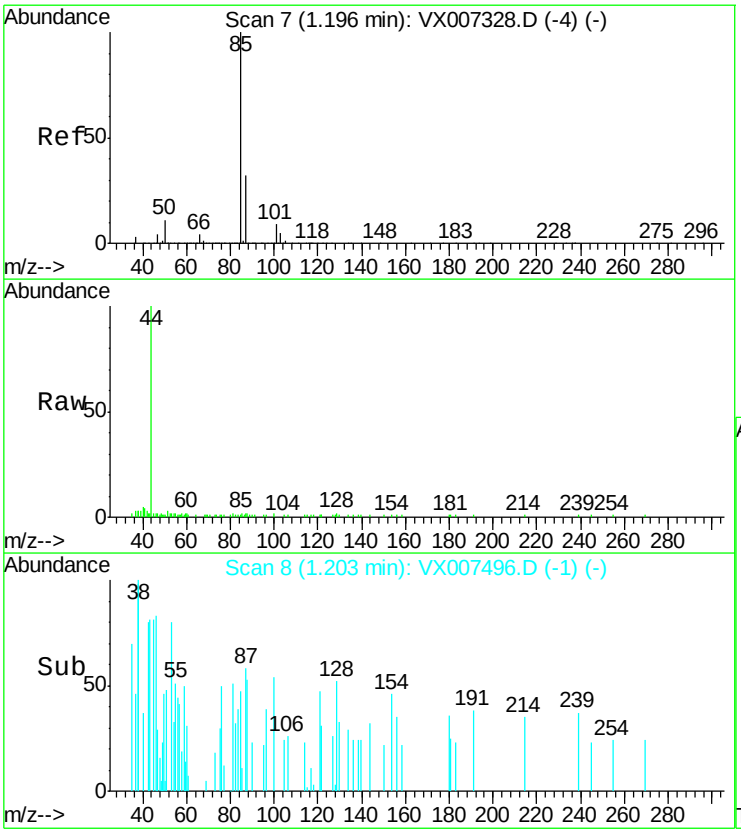
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX007496.D
Acq: 12 Feb 2019 18:37

Instrument :
MSVOA_X
ClientSampleId :
WC-20190208

Tgt Ion:168 Resp: 499933

Ion	Ratio	Lower	Upper
168	100		
99	50.6	37.9	56.9

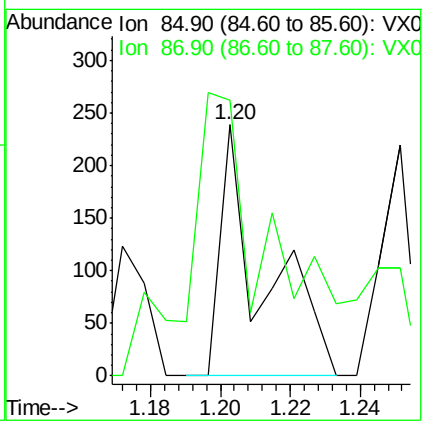


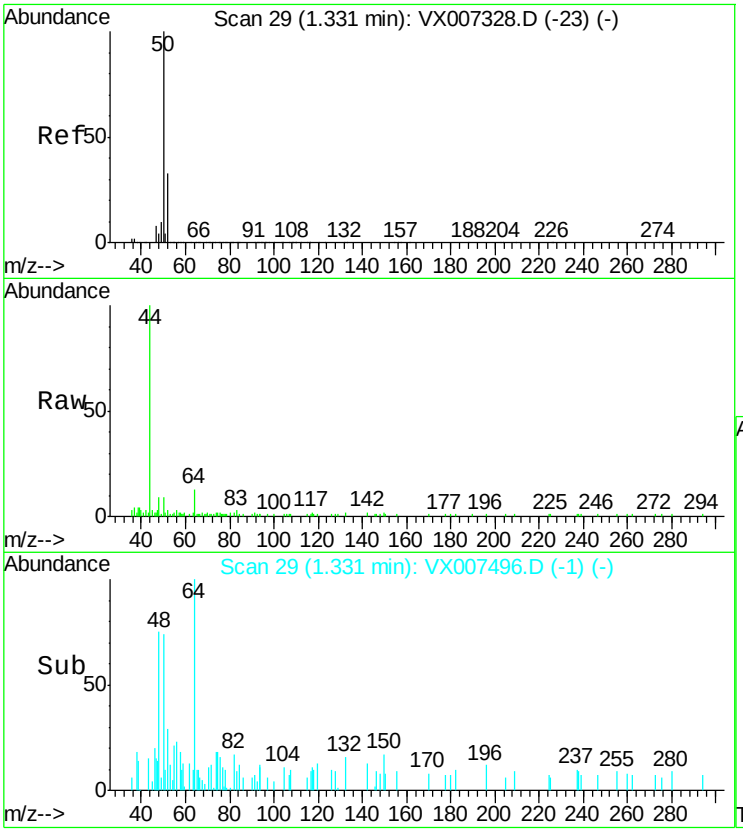


#2
Dichlorodifluoromethane
Concen: 0.210 ug/l
RT: 1.20 min Scan# 8
Delta R.T. 0.01 min
Lab File: VX007496.D
Acq: 12 Feb 2019 18:37

Tgt Ion: 85 Resp: 203

Ion	Ratio	Lower	Upper
85	100		
87	87.9	15.8	47.4#



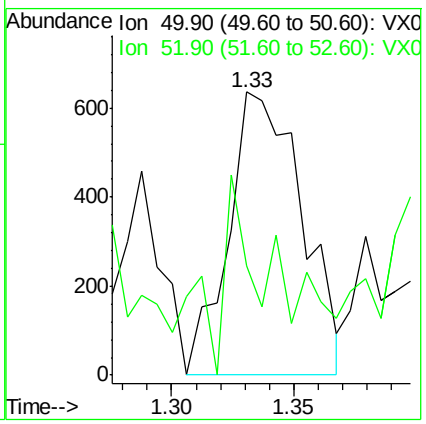


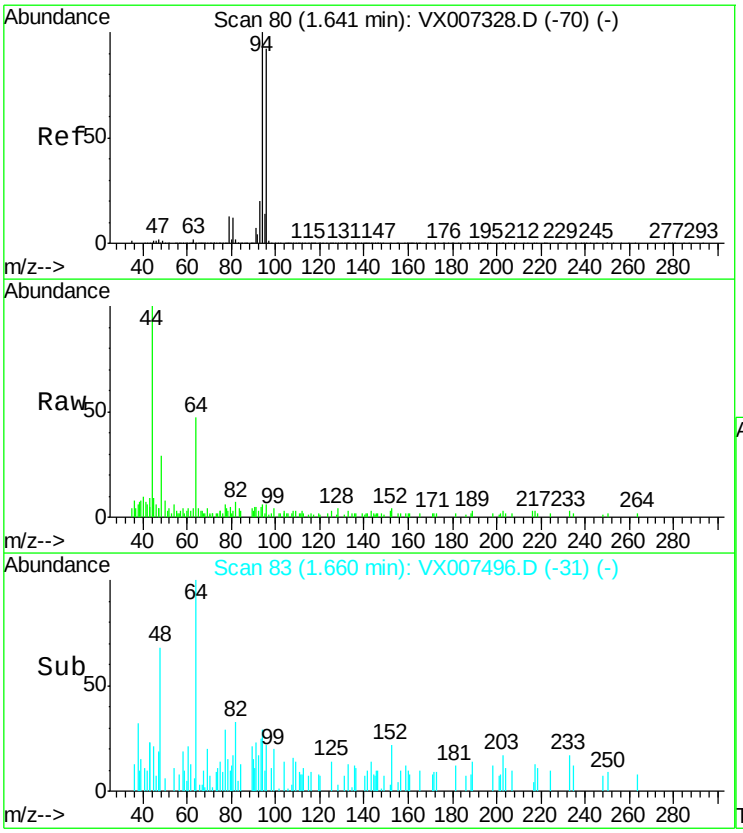
#3
Chloromethane
Concen: 0.235 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.00 min
Lab File: VX007496.D
Acq: 12 Feb 2019 18:37

Instrument : MSVOA_X
ClientSampleId : WC-20190208

Tgt Ion: 50 Resp: 1326

Ion	Ratio	Lower	Upper
50	100		
52	18.6	26.1	39.1#

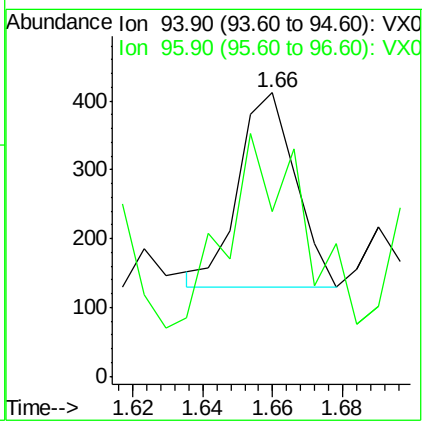


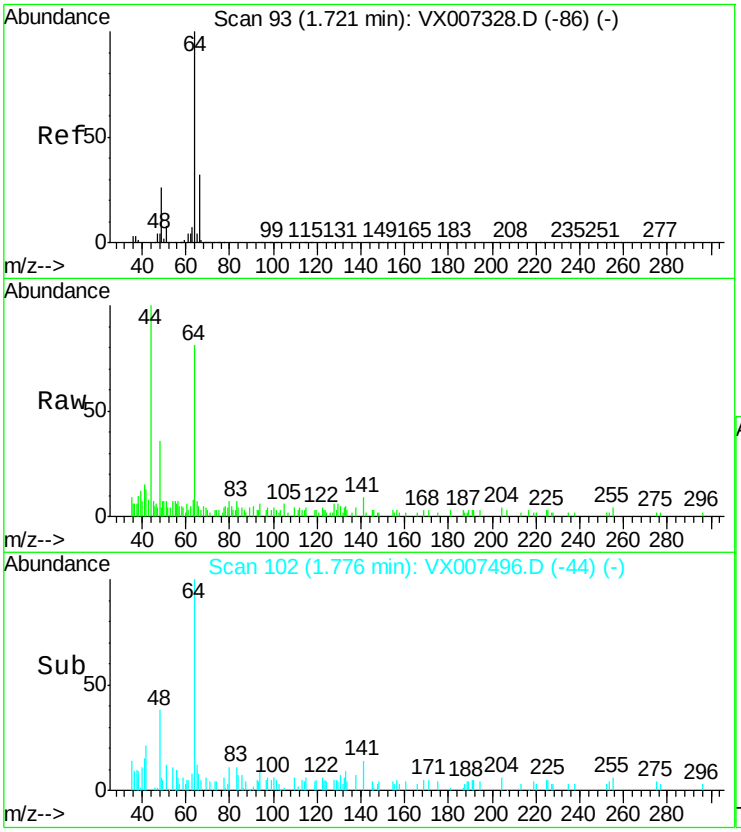


#5
Bromomethane
Concen: Below Cal
RT: 1.66 min Scan# 83
Delta R.T. 0.02 min
Lab File: VX007496.D
Acq: 12 Feb 2019 18:37

Tgt Ion: 94 Resp: 321

Ion	Ratio	Lower	Upper
94	100		
96	54.8	73.9	110.9#



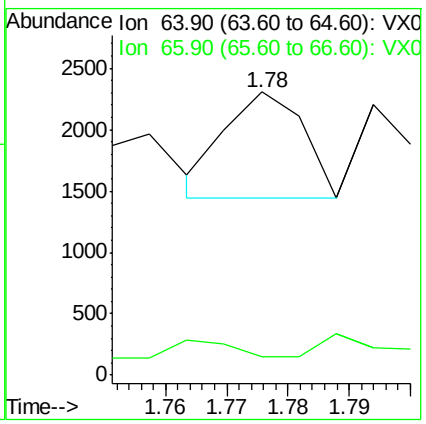


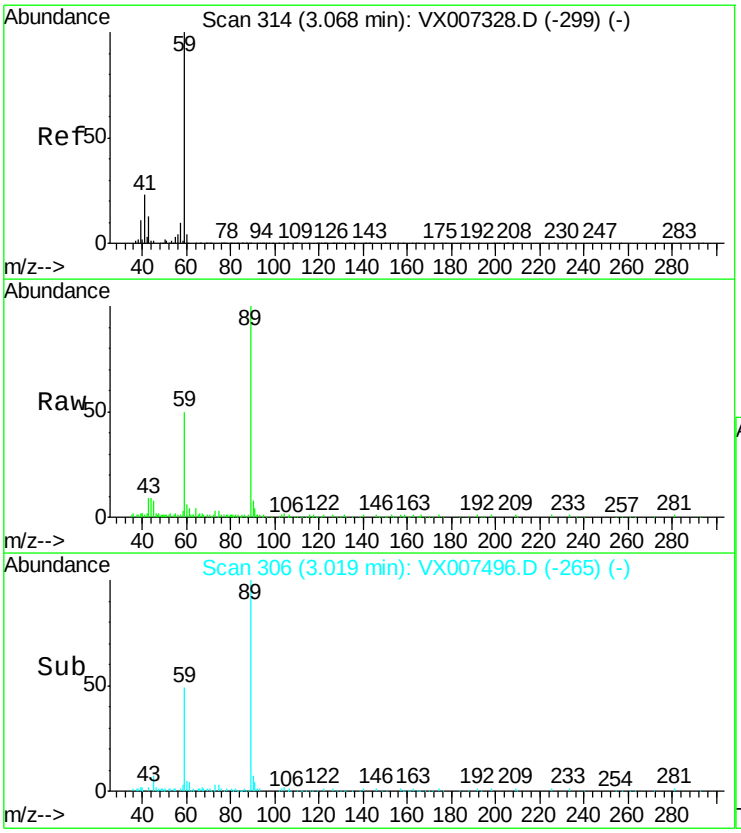
#6
Chloroethane
Concen: 0.215 ug/l
RT: 1.78 min Scan# 102
Delta R.T. 0.05 min
Lab File: VX007496.D
Acq: 12 Feb 2019 18:37

Instrument :
MSVOA_X
ClientSampleId :
WC-20190208

Tgt Ion: 64 Resp: 767

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.5	38.3#

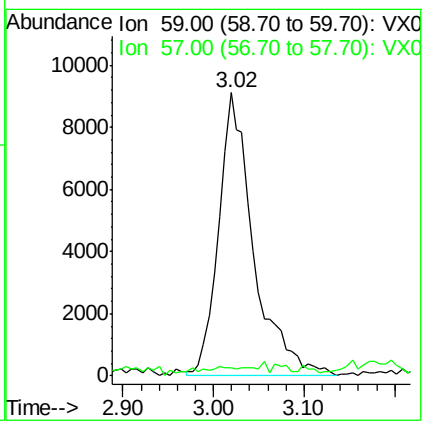


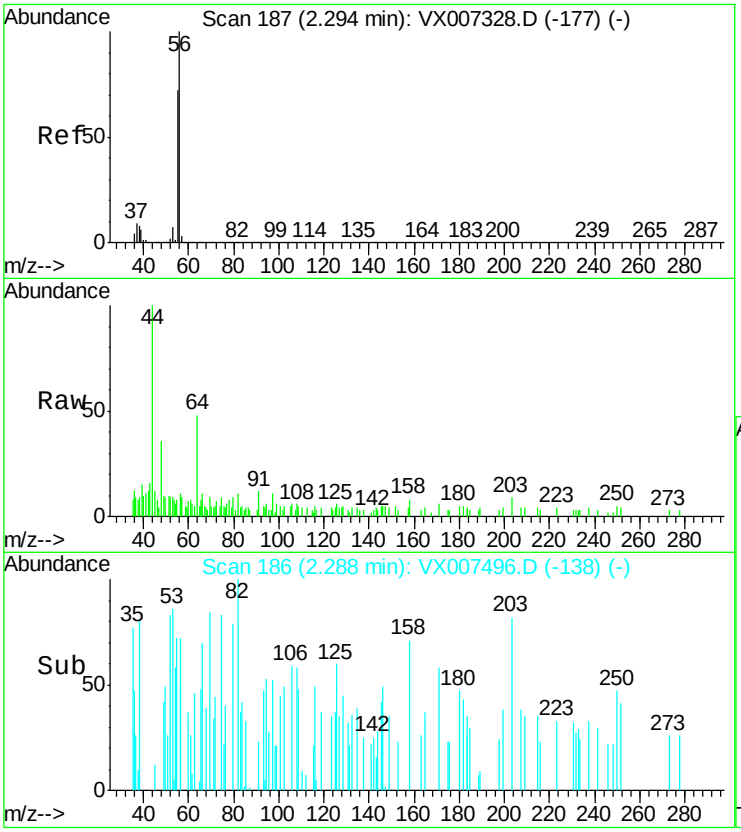


#11
Tert butyl alcohol
Concen: 22.265 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.05 min
Lab File: VX007496.D
Acq: 12 Feb 2019 18:37

Tgt Ion: 59 Resp: 24450

Ion	Ratio	Lower	Upper
59	100		
57	0.6	8.1	12.1#



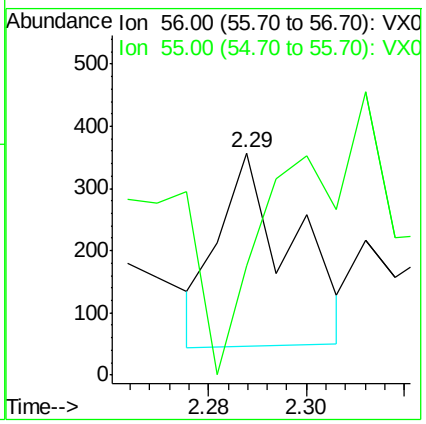


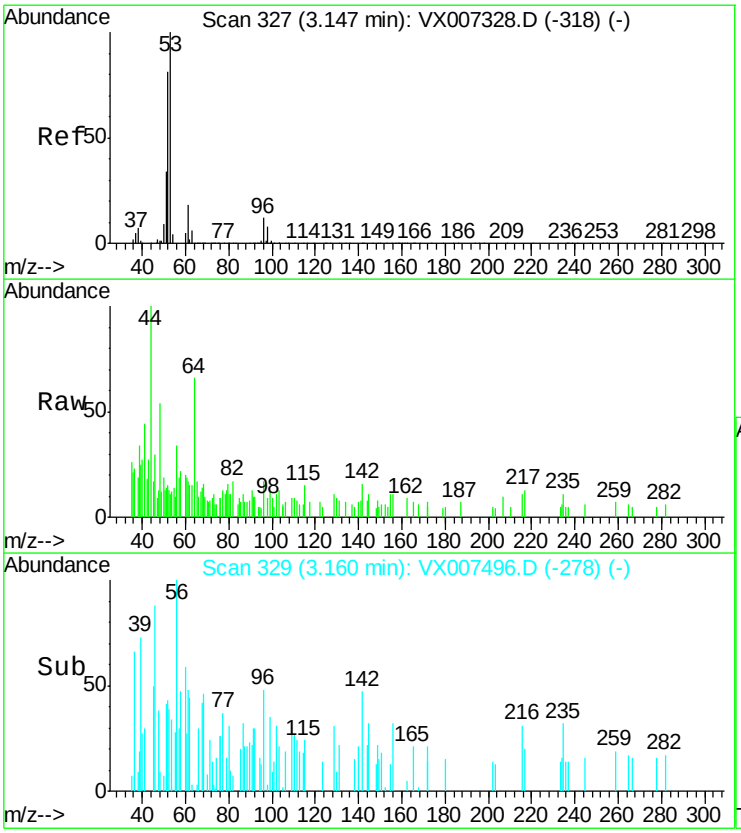
#13
Acrolein
Concen: 0.629 ug/l
RT: 2.29 min Scan# 186
Delta R.T. -0.01 min
Lab File: VX007496.D
Acq: 12 Feb 2019 18:37

Instrument : MSVOA_X
ClientSampleId : WC-20190208

Tgt Ion: 56 Resp: 324

Ion	Ratio	Lower	Upper
56	100		
55	145.4	56.9	85.3#

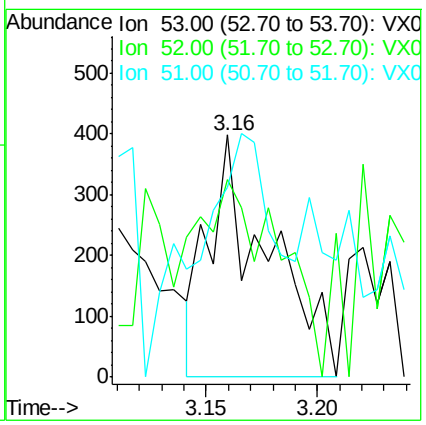


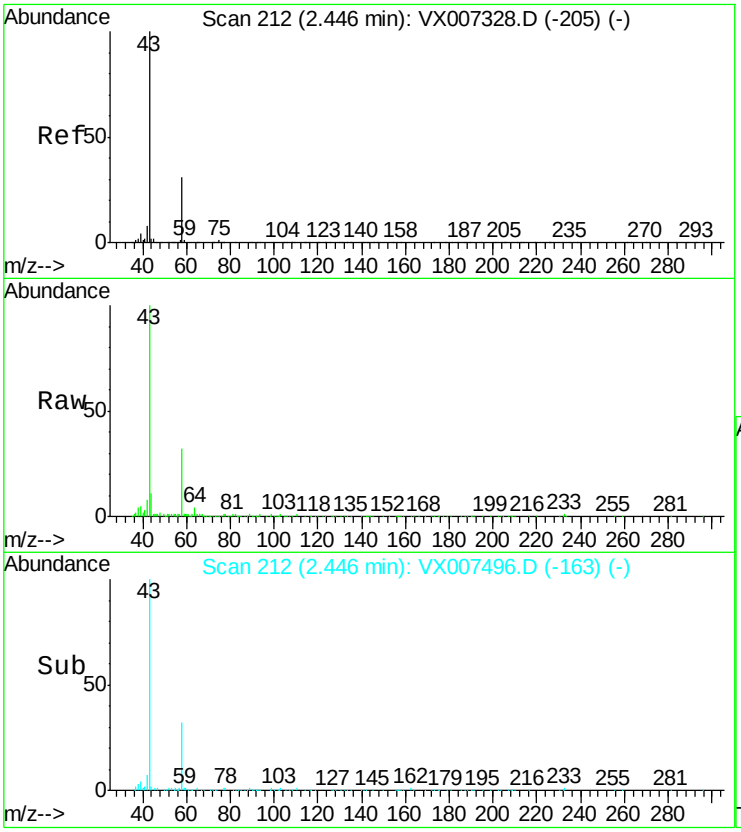


#15
Acrylonitrile
Concen: 0.273 ug/l
RT: 3.16 min Scan# 329
Delta R.T. 0.01 min
Lab File: VX007496.D
Acq: 12 Feb 2019 18:37

Tgt Ion: 53 Resp: 742

Ion	Ratio	Lower	Upper
53	100		
52	115.1	66.4	99.6#
51	58.9	28.4	42.6#



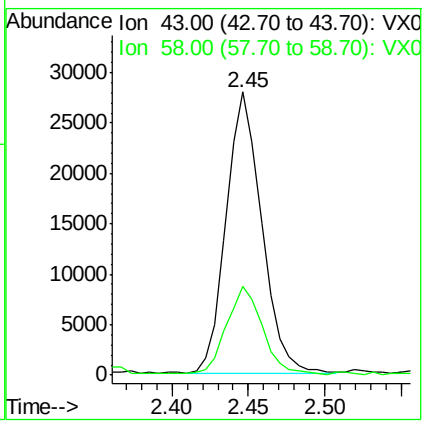


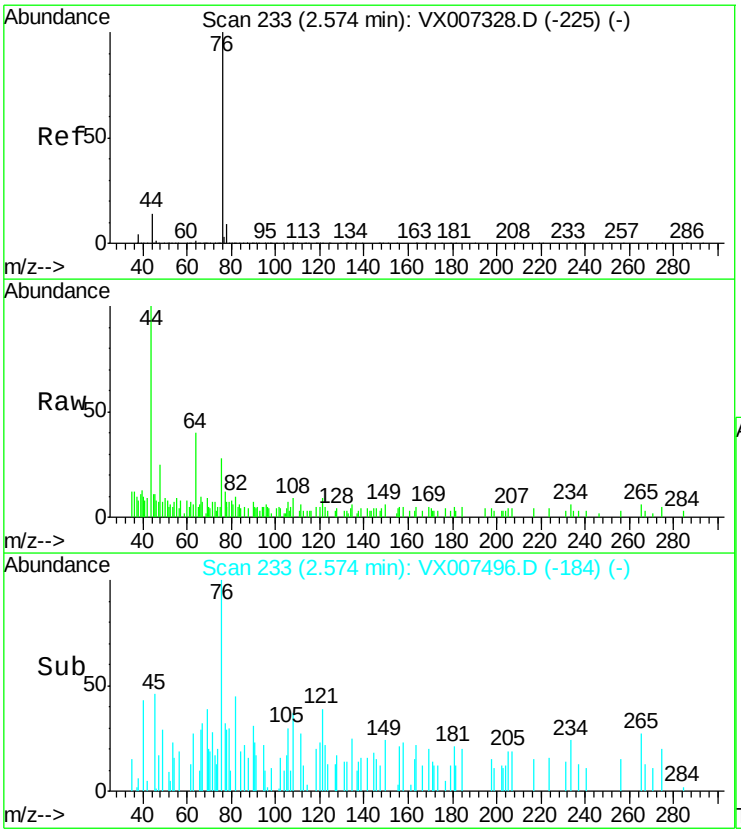
#16
Acetone
Concen: 18.546 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX007496.D
Acq: 12 Feb 2019 18:37

Instrument :
MSVOA_X
ClientSampleId :
WC-20190208

Tgt Ion: 43 Resp: 45079

Ion	Ratio	Lower	Upper
43	100		
58	31.0	24.9	37.3

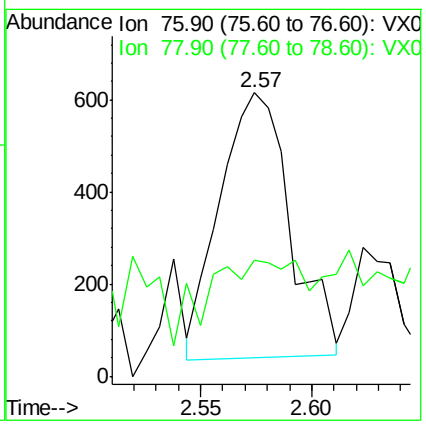


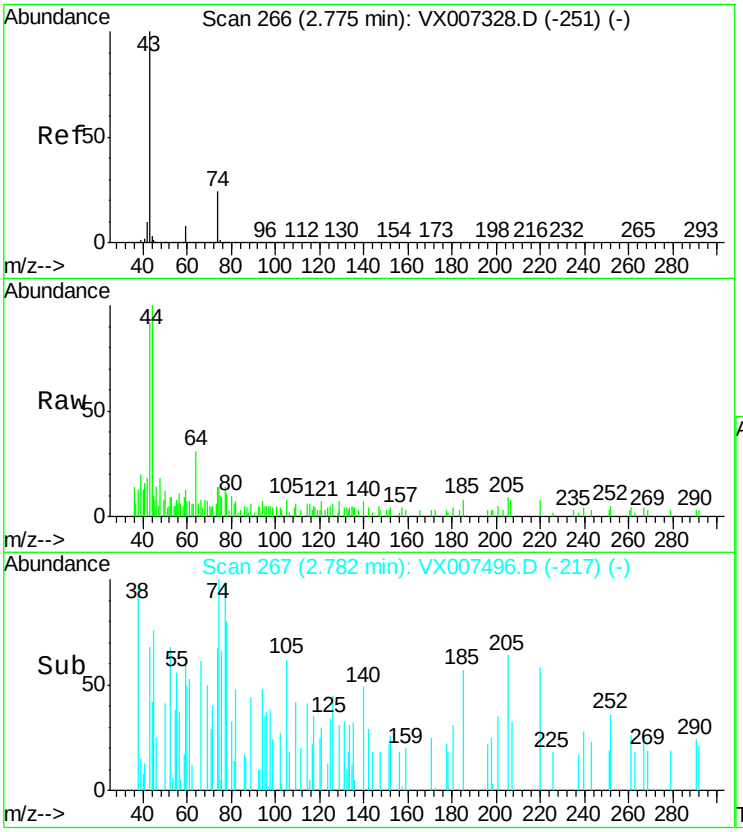


#17
Carbon Disulfide
Concen: 2.219 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.00 min
Lab File: VX007496.D
Acq: 12 Feb 2019 18:37

Tgt Ion: 76 Resp: 1276

Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.1	10.7



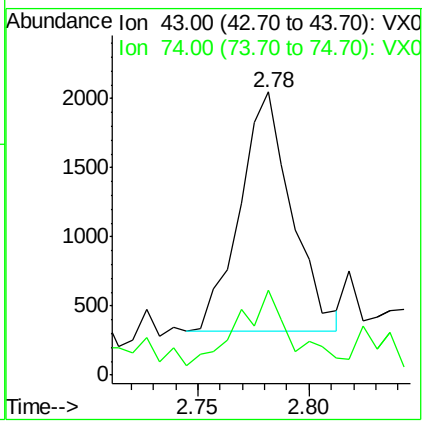


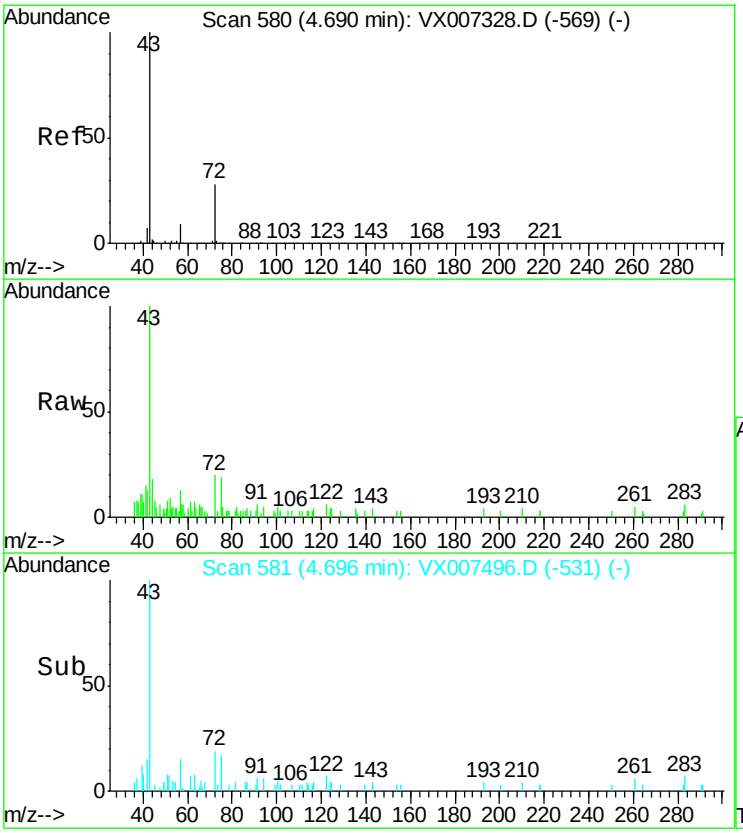
#18
Methyl Acetate
Concen: 1.029 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX007496.D
Acq: 12 Feb 2019 18:37

Instrument : MSVOA_X
ClientSampleId : WC-20190208

Tgt Ion: 43 Resp: 2792

Ion	Ratio	Lower	Upper
43	100		
74	33.4	19.4	29.2#

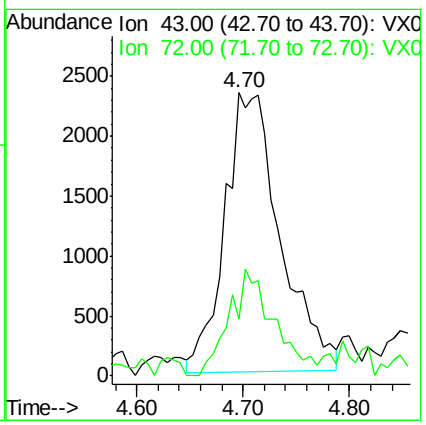


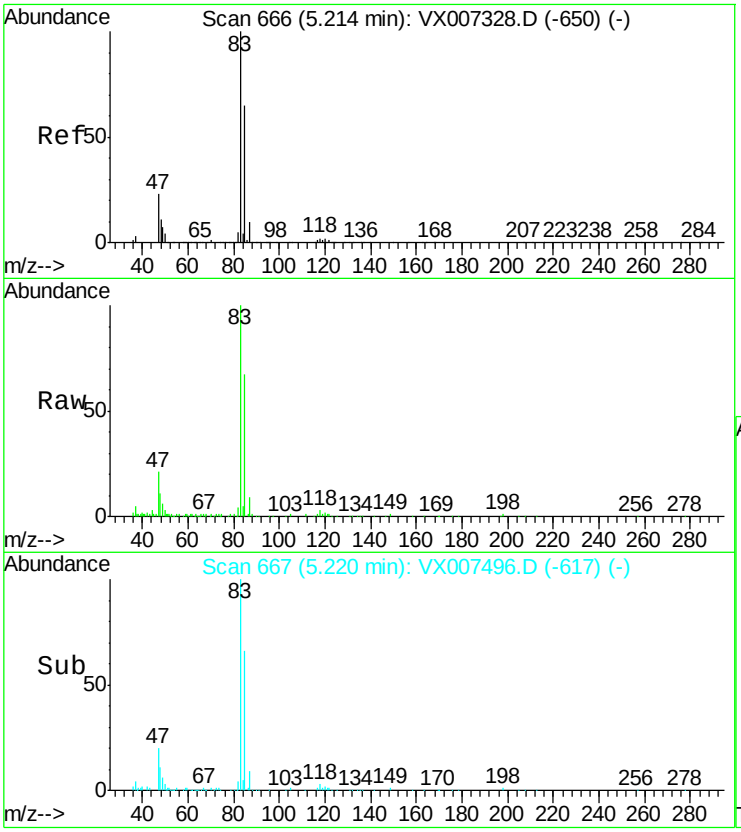


#25
2-Butanone
Concen: 2.451 ug/l
RT: 4.70 min Scan# 581
Delta R.T. 0.01 min
Lab File: VX007496.D
Acq: 12 Feb 2019 18:37

Tgt Ion: 43 Resp: 8480

Ion	Ratio	Lower	Upper
43	100		
72	21.1	22.2	33.2#



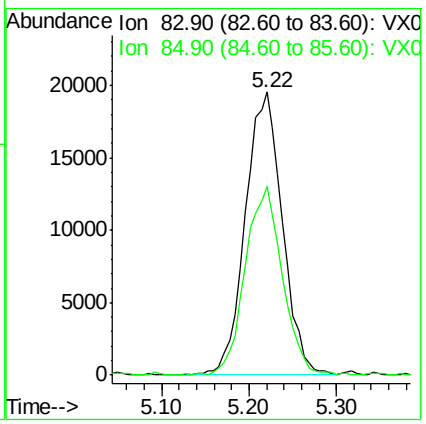


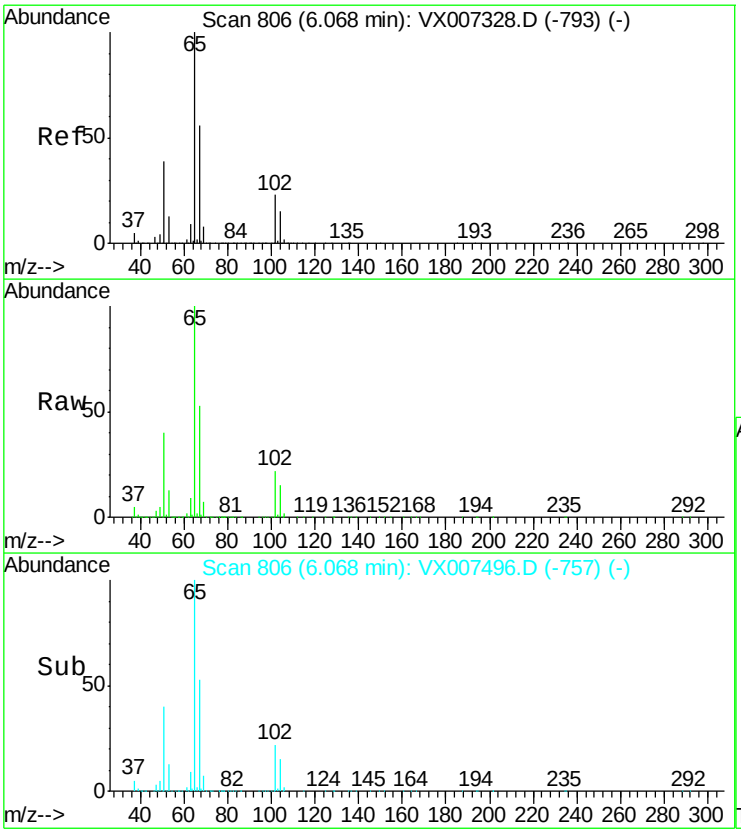
#30
Chloroform
Concen: 6.728 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX007496.D
Acq: 12 Feb 2019 18:37

Instrument :
MSVOA_X
ClientSampleId :
WC-20190208

Tgt Ion: 83 Resp: 57682

Ion	Ratio	Lower	Upper
83	100		
85	66.3	51.6	77.4

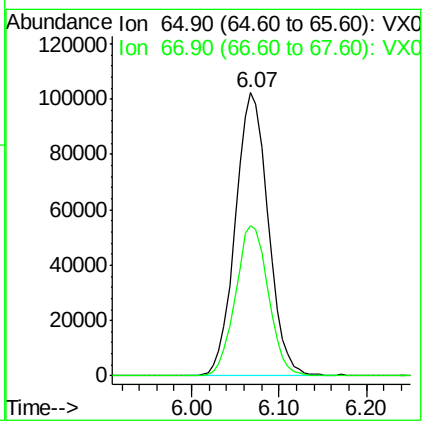


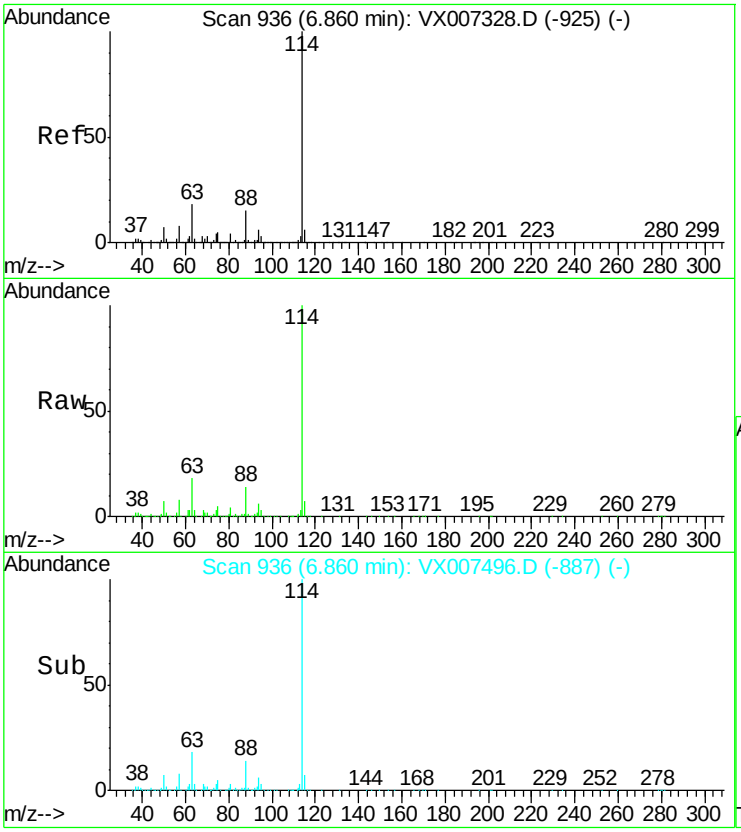


#33
1,2-Dichloroethane-d4
Concen: 50.379 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX007496.D
Acq: 12 Feb 2019 18:37

Tgt Ion: 65 Resp: 267328

Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	108.8



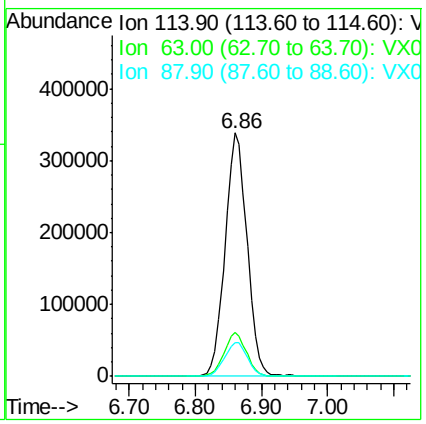


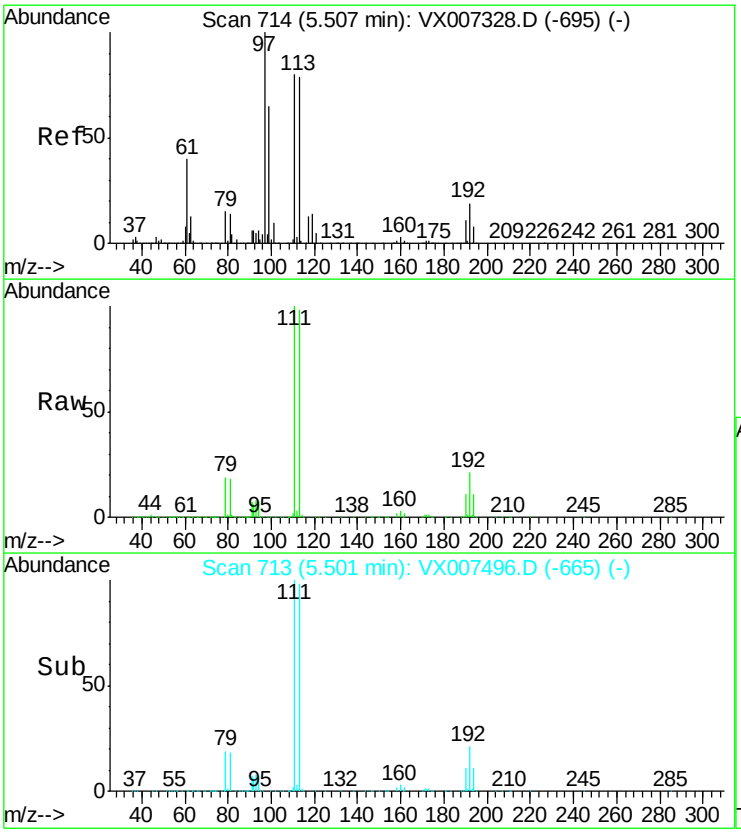
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX007496.D
Acq: 12 Feb 2019 18:37

Instrument :
MSVOA_X
ClientSampleId :
WC-20190208

Tgt Ion:114 Resp: 777776

Ion	Ratio	Lower	Upper
114	100		
63	17.8	0.0	35.6
88	14.0	0.0	29.6

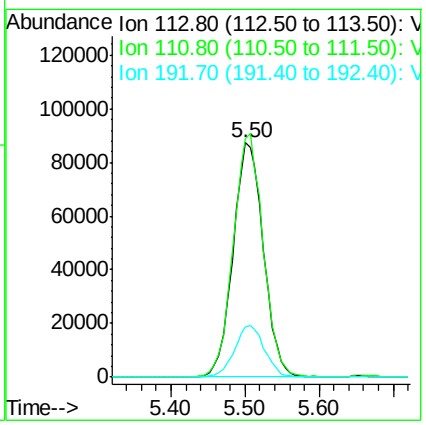


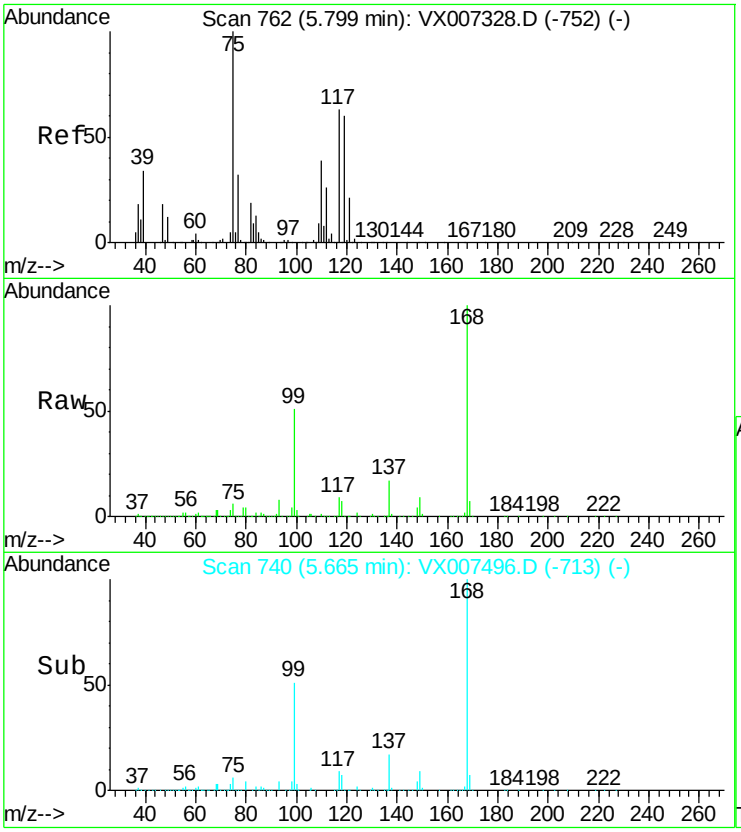


#35
Dibromofluoromethane
Concen: 49.299 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.01 min
Lab File: VX007496.D
Acq: 12 Feb 2019 18:37

Tgt Ion:113 Resp: 249488

Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.8	122.8
192	21.8	18.5	27.7



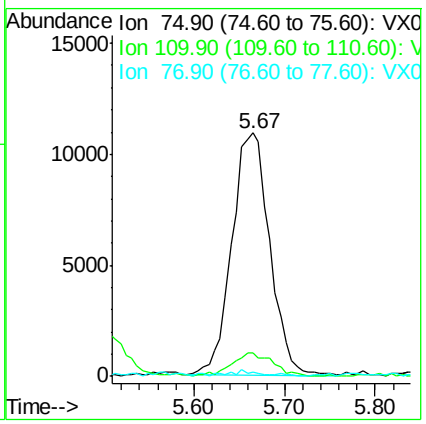


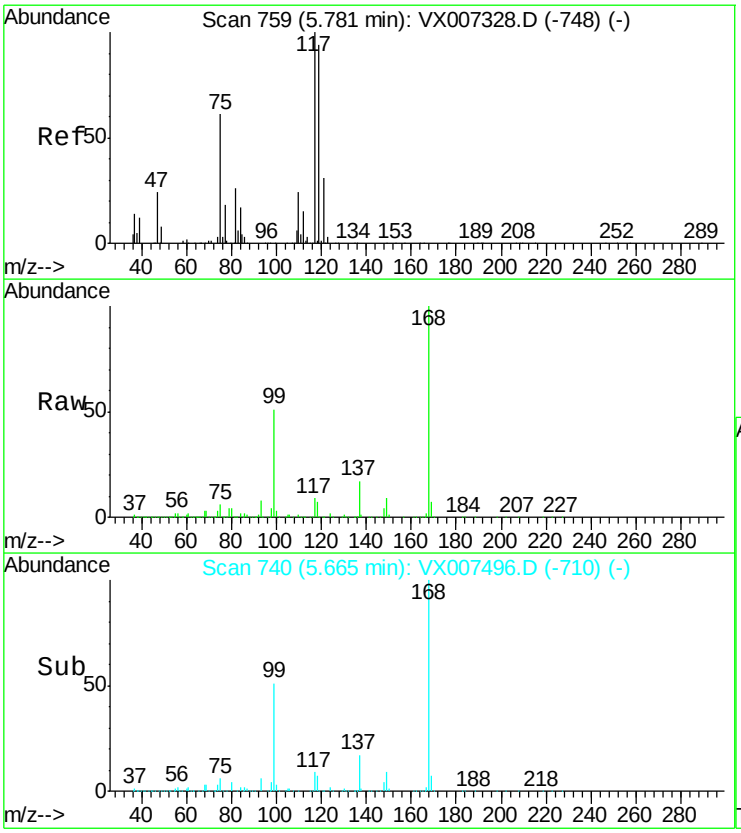
#36
1,1-Dichloropropene
Concen: 4.546 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX007496.D
Acq: 12 Feb 2019 18:37

Instrument :
MSVOA_X
ClientSampleId :
WC-20190208

Tgt Ion: 75 Resp: 31721

Ion	Ratio	Lower	Upper
75	100		
110	10.6	20.0	59.9#
77	1.2	24.7	37.1#

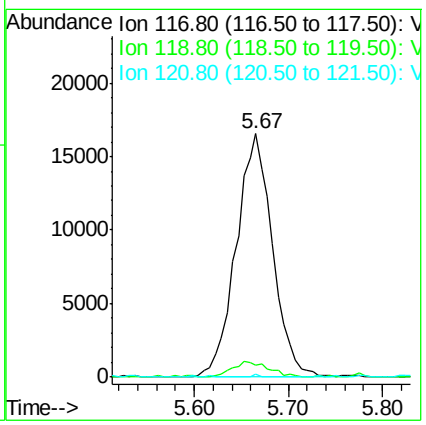


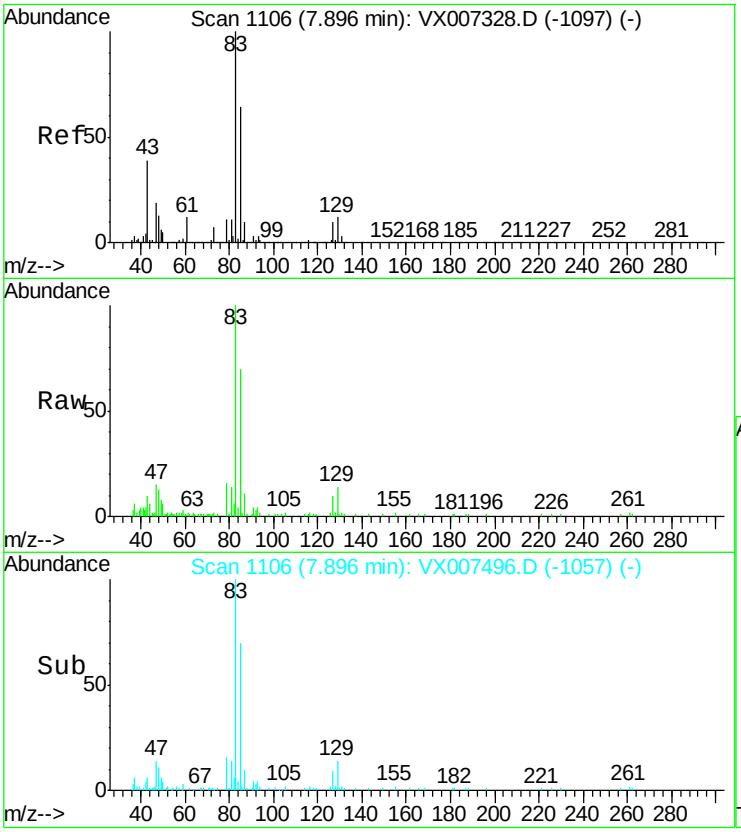


#38
Carbon Tetrachloride
Concen: 6.597 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX007496.D
Acq: 12 Feb 2019 18:37

Tgt Ion:117 Resp: 44664

Ion	Ratio	Lower	Upper
117	100		
119	4.7	75.3	112.9#
121	1.1	25.0	37.4#



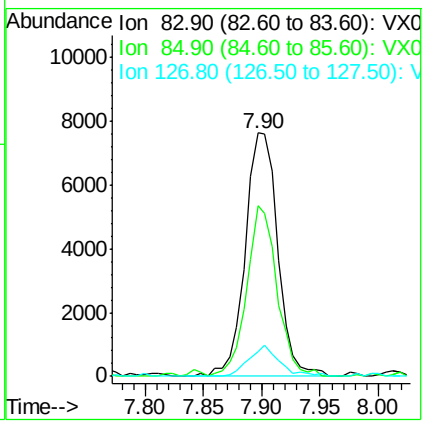


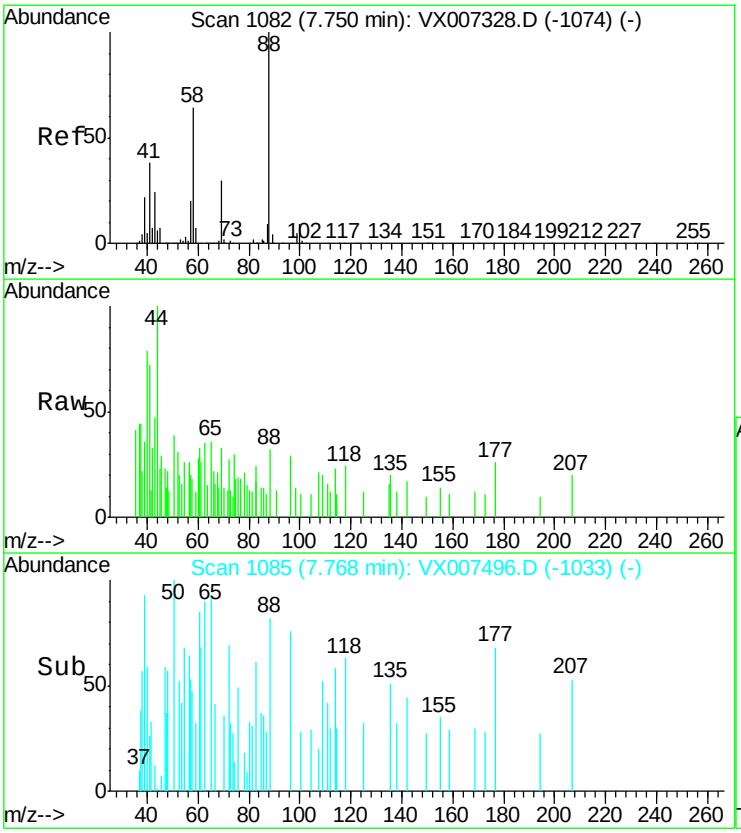
#47
Bromodichloromethane
Concen: 2.349 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VX007496.D
Acq: 12 Feb 2019 18:37

Instrument :
MSVOA_X
ClientSampleId :
WC-20190208

Tgt Ion: 83 Resp: 14905

Ion	Ratio	Lower	Upper
83	100		
85	69.8	51.4	77.0
127	10.3	8.1	12.1

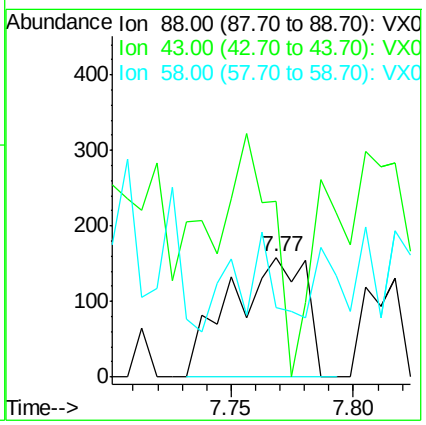


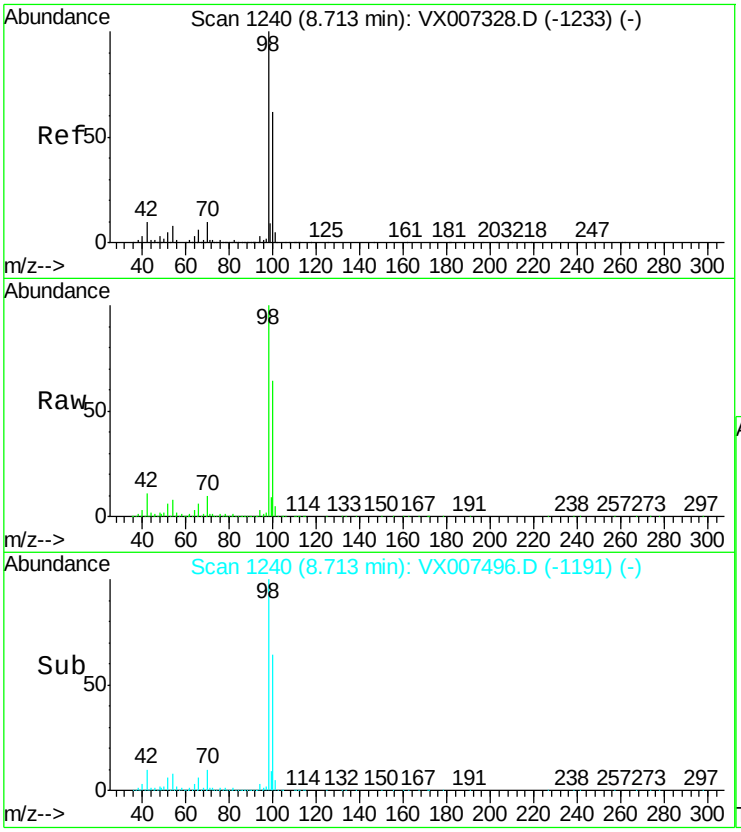


#49
1,4-Dioxane
Concen: 9.605 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. 0.02 min
Lab File: VX007496.D
Acq: 12 Feb 2019 18:37

Tgt Ion: 88 Resp: 340

Ion	Ratio	Lower	Upper
88	100		
43	0.0	24.2	36.4#
58	18.5	53.0	79.4#



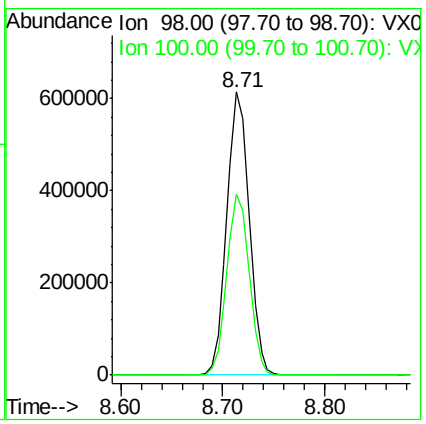


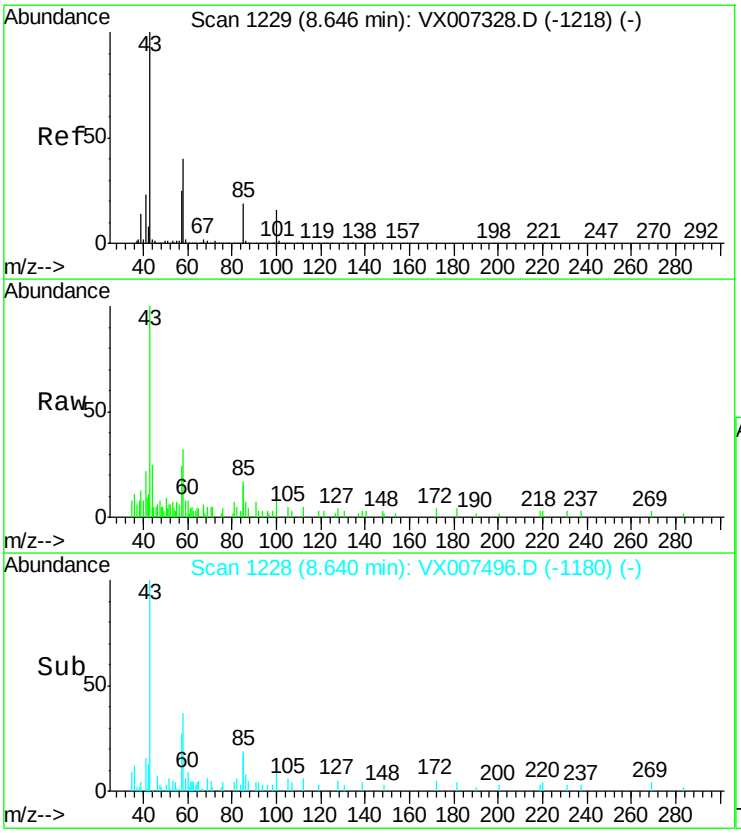
#50
Toluene-d8
Concen: 49.706 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007496.D
Acq: 12 Feb 2019 18:37

Instrument : MSVOA_X
ClientSampleId : WC-20190208

Tgt Ion: 98 Resp: 933286

Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.6	77.4

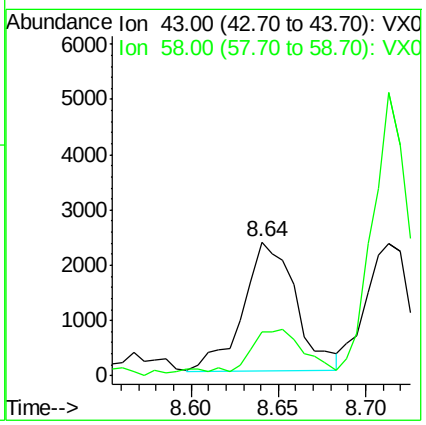


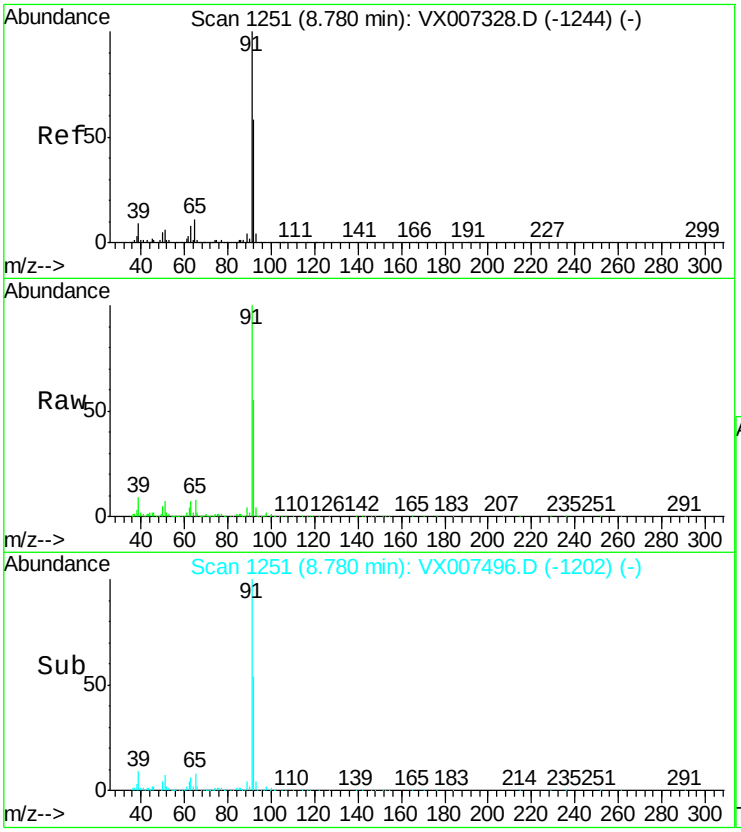


#51
4-Methyl-2-Pentanone
Concen: 0.682 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.01 min
Lab File: VX007496.D
Acq: 12 Feb 2019 18:37

Tgt Ion: 43 Resp: 4889

Ion	Ratio	Lower	Upper
43	100		
58	32.0	31.2	46.8



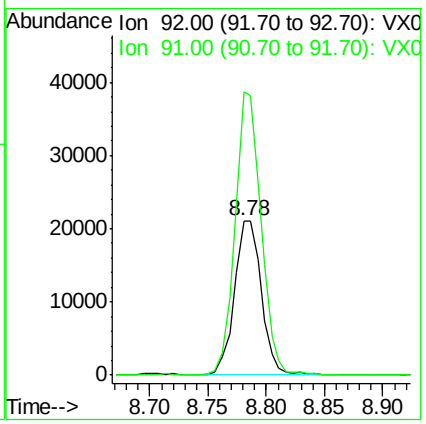


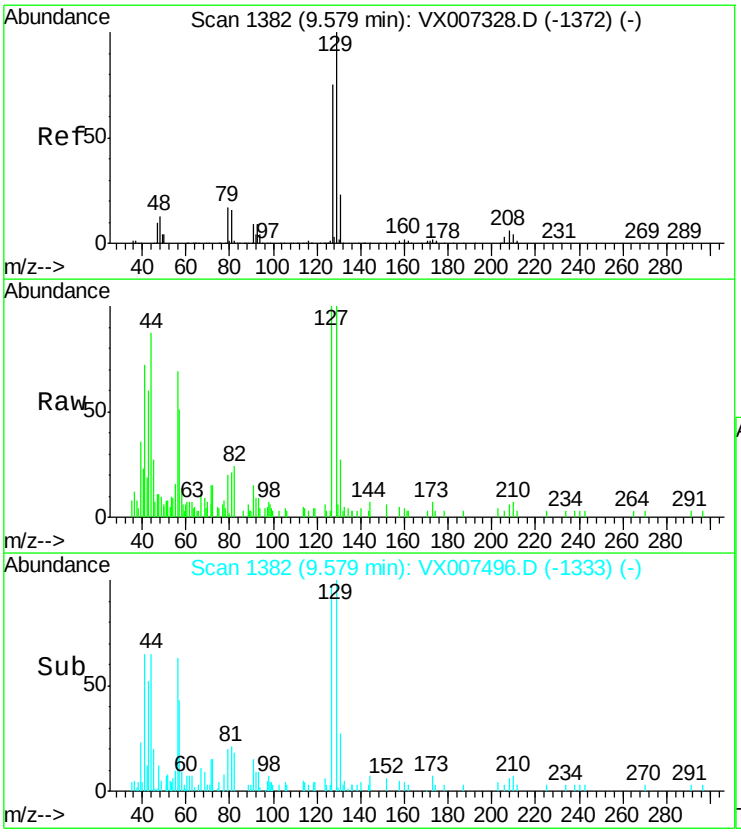
#52
Toluene
Concen: 2.578 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. 0.00 min
Lab File: VX007496.D
Acq: 12 Feb 2019 18:37

Instrument :
MSVOA_X
ClientSampleId :
WC-20190208

Tgt Ion: 92 Resp: 34191

Ion	Ratio	Lower	Upper
92	100		
91	175.7	139.1	208.7

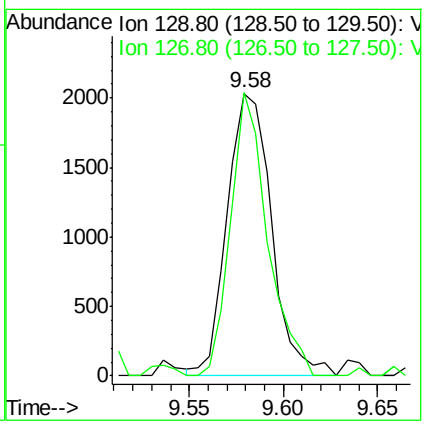


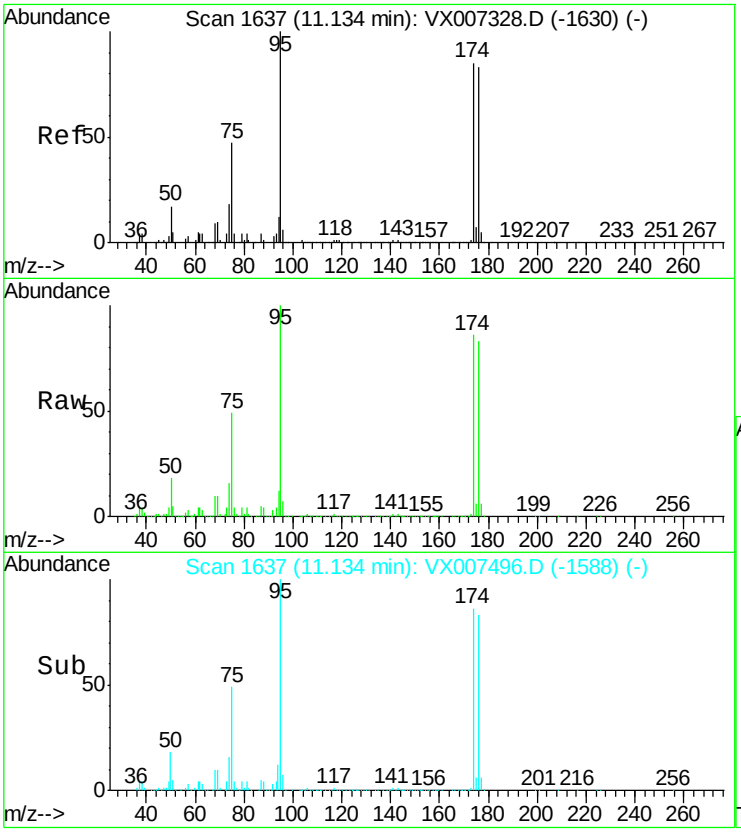


#60
Dibromochloromethane
Concen: 0.637 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX007496.D
Acq: 12 Feb 2019 18:37

Tgt Ion:129 Resp: 3329

Ion	Ratio	Lower	Upper
129	100		
127	83.3	37.8	113.4



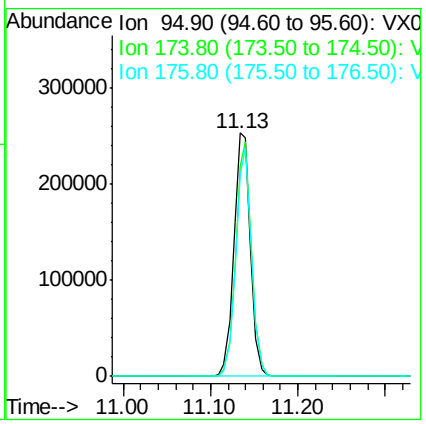


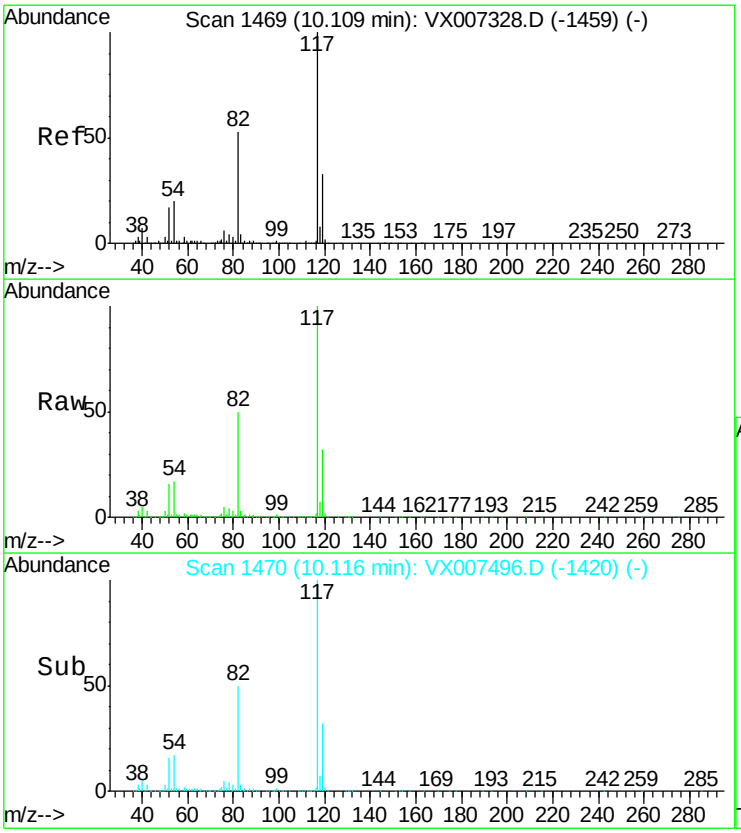
#62
4-Bromofluorobenzene
Concen: 49.026 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX007496.D
Acq: 12 Feb 2019 18:37

Instrument :
MSVOA_X
ClientSampleId :
WC-20190208

Tgt Ion: 95 Resp: 336081

Ion	Ratio	Lower	Upper
95	100		
174	92.1	0.0	189.2
176	89.1	0.0	186.2

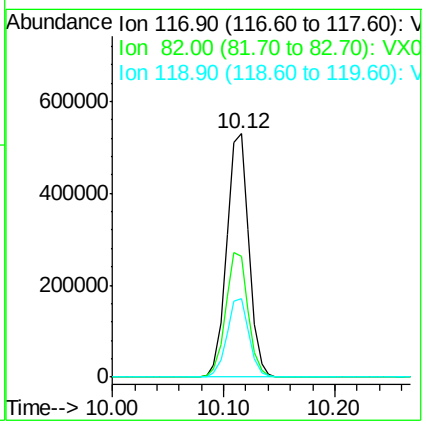


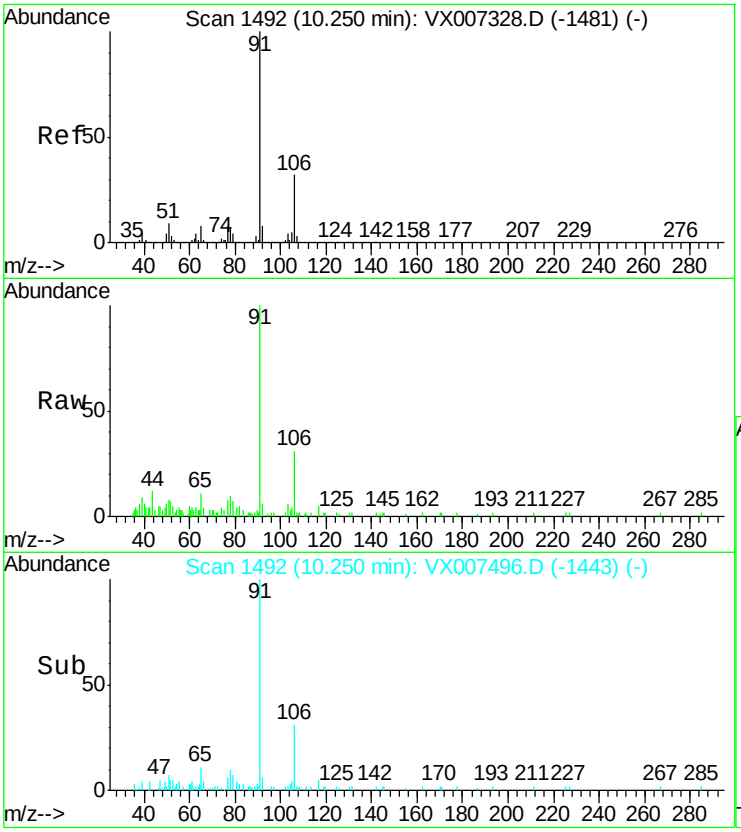


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX007496.D
Acq: 12 Feb 2019 18:37

Tgt Ion:117 Resp: 723856

Ion	Ratio	Lower	Upper
117	100		
82	49.6	42.1	63.1
119	32.0	26.5	39.7



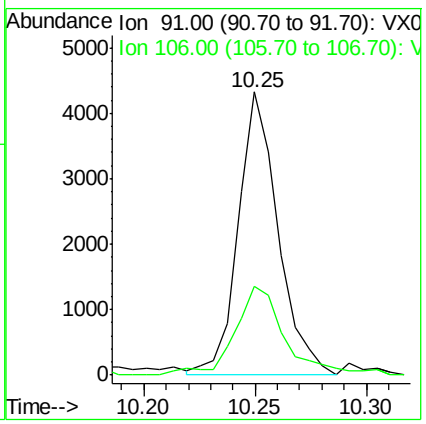


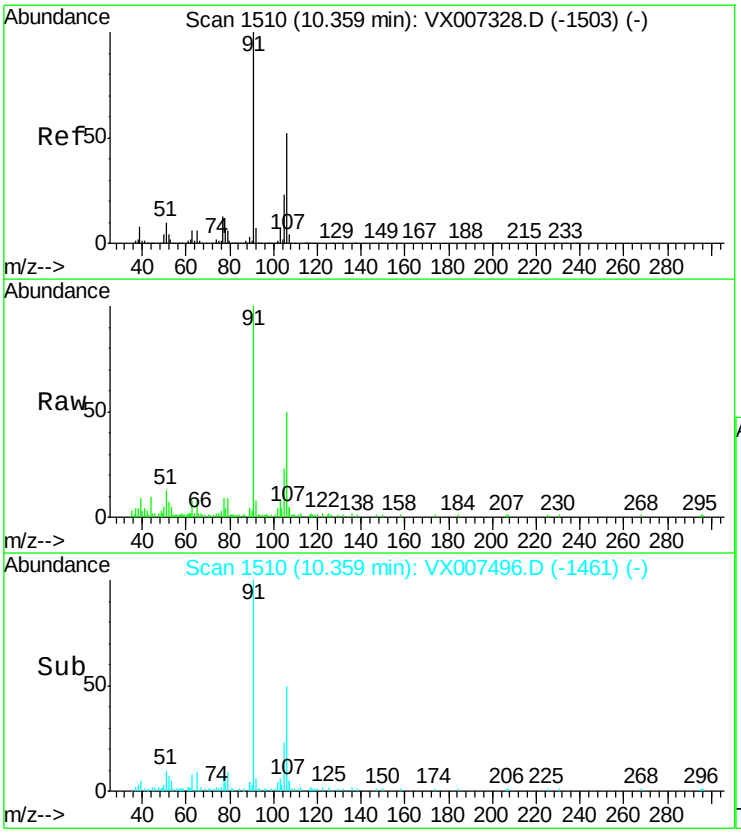
#67
Ethyl Benzene
Concen: 0.213 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX007496.D
Acq: 12 Feb 2019 18:37

Instrument : MSVOA_X
ClientSampleId : WC-20190208

Tgt Ion: 91 Resp: 5408

Ion	Ratio	Lower	Upper
91	100		
106	29.0	25.4	38.0

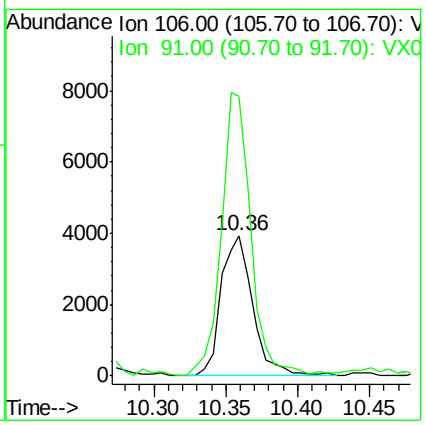


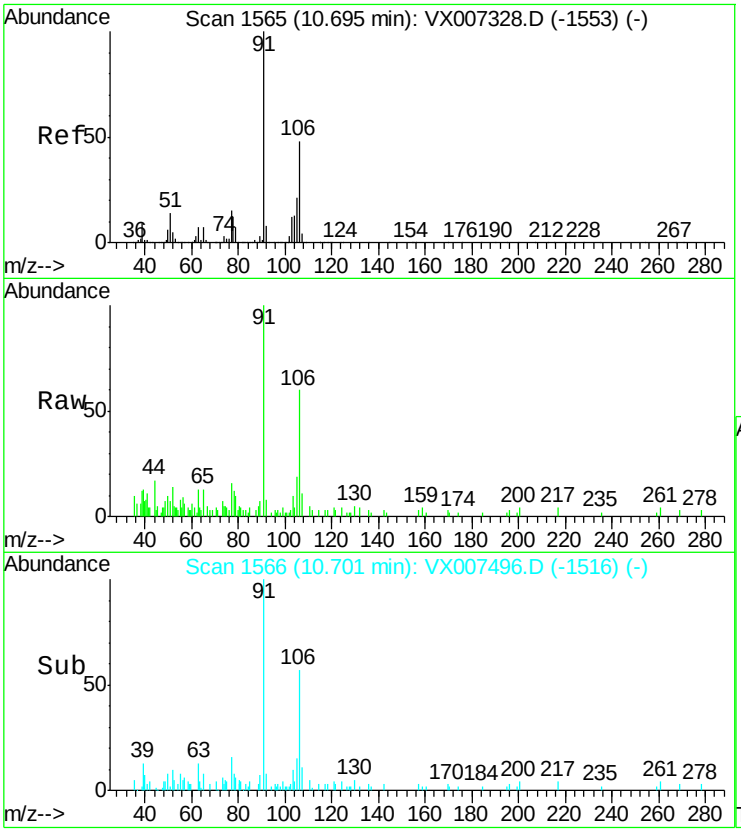


#68
m/p-Xylenes
Concen: 0.604 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX007496.D
Acq: 12 Feb 2019 18:37

Tgt Ion:106 Resp: 6106

Ion	Ratio	Lower	Upper
106	100		
91	188.9	156.6	234.8



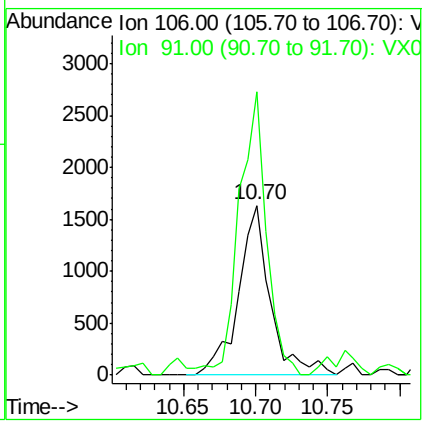


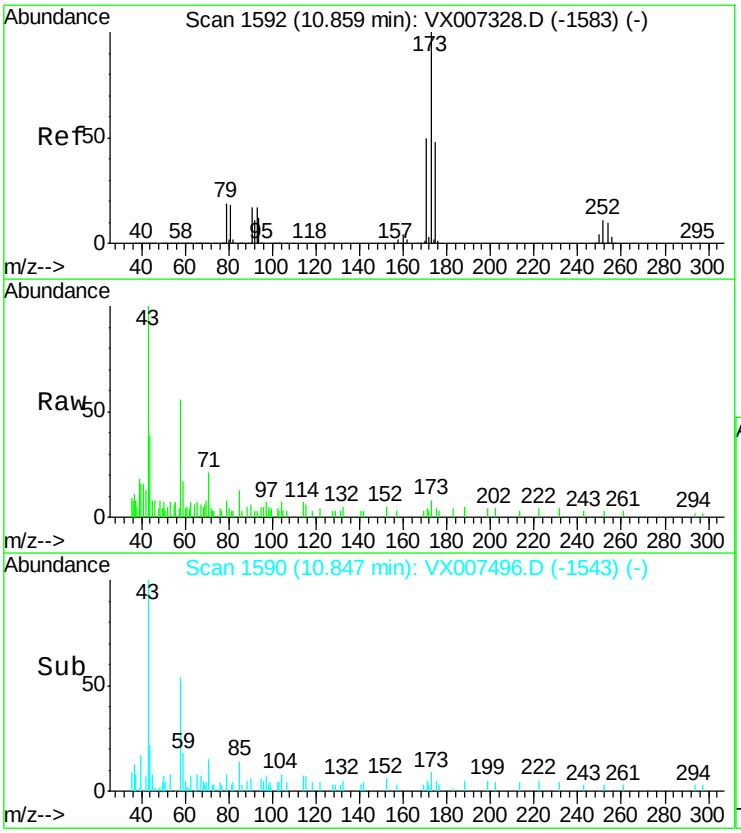
#69
o-Xylene
Concen: 0.257 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX007496.D
Acq: 12 Feb 2019 18:37

Instrument :
MSVOA_X
ClientSampleId :
WC-20190208

Tgt Ion:106 Resp: 2504

Ion	Ratio	Lower	Upper
106	100		
91	144.0	102.9	308.7

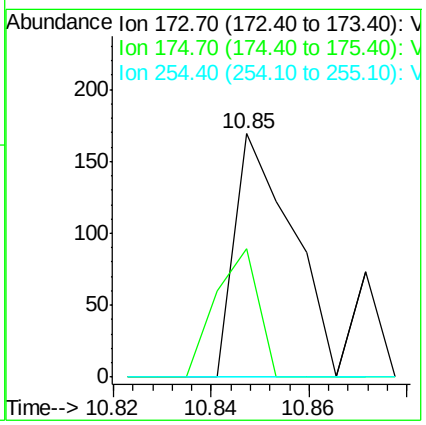


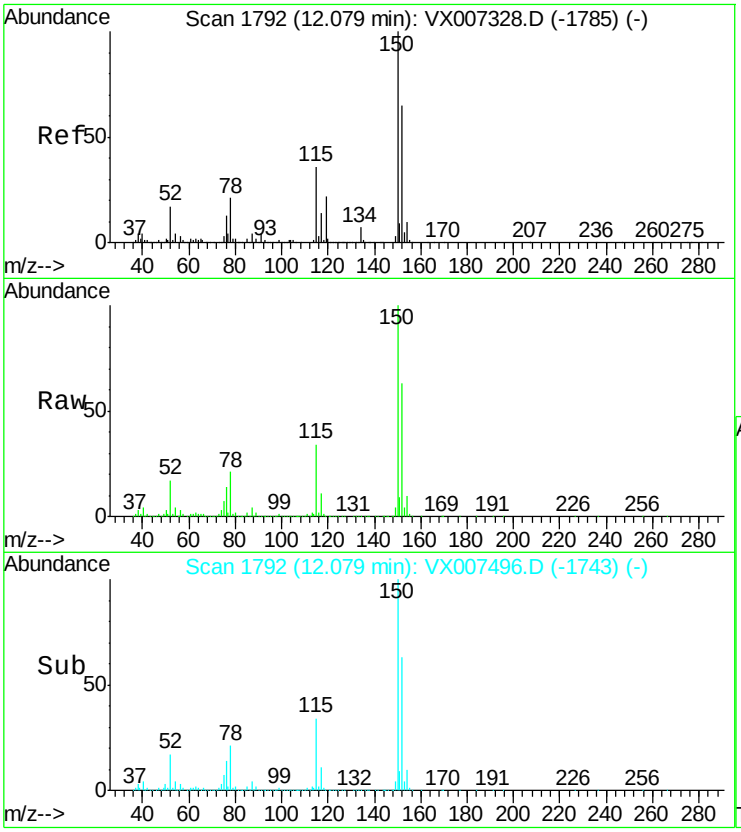


#71
Bromoform
Concen: 4.057 ug/l
RT: 10.85 min Scan# 1590
Delta R.T. -0.01 min
Lab File: VX007496.D
Acq: 12 Feb 2019 18:37

Tgt Ion:173 Resp: 138

Ion	Ratio	Lower	Upper
173	100		
175	0.0	24.2	72.6#
254	0.0	0.2	0.2#



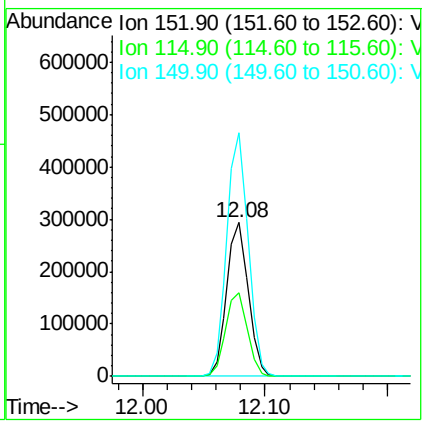


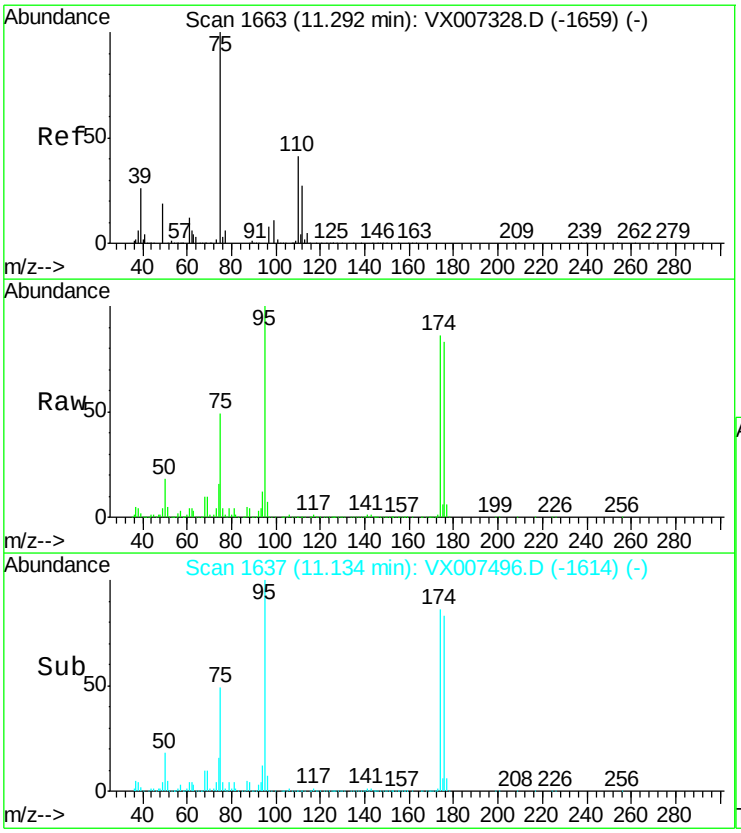
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX007496.D
Acq: 12 Feb 2019 18:37

Instrument : MSVOA_X
ClientSampleId : WC-20190208

Tgt Ion:152 Resp: 356590

Ion	Ratio	Lower	Upper
152	100		
115	55.2	38.0	114.0
150	157.0	0.0	346.4

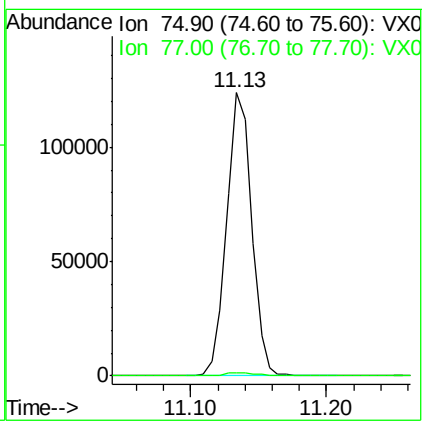


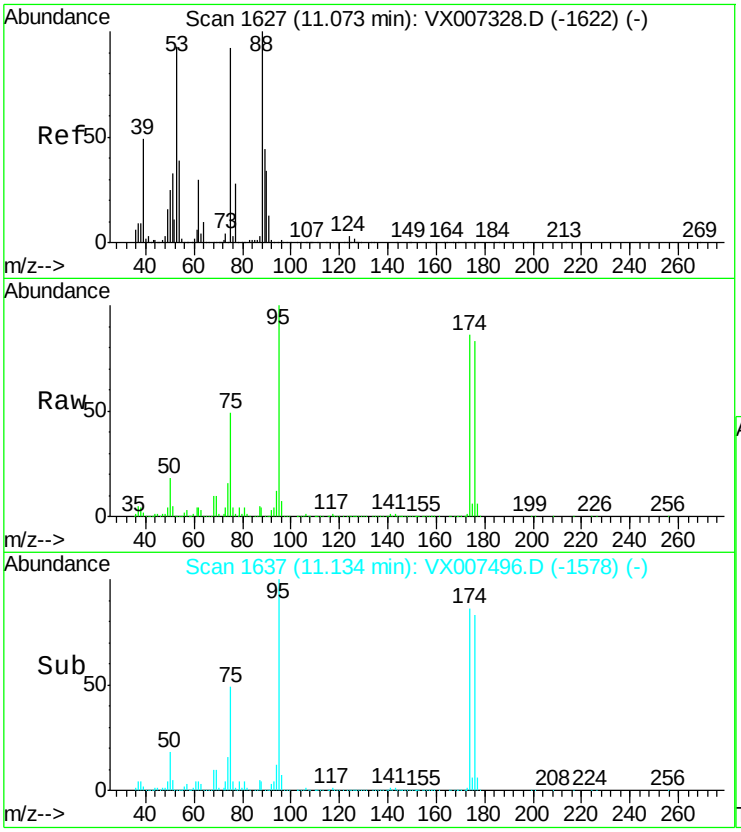


#76
1,2,3-Trichloropropane
Concen: 22.887 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX007496.D
Acq: 12 Feb 2019 18:37

Tgt Ion: 75 Resp: 158744

Ion	Ratio	Lower	Upper
75	100		
77	1.6	23.0	69.0#



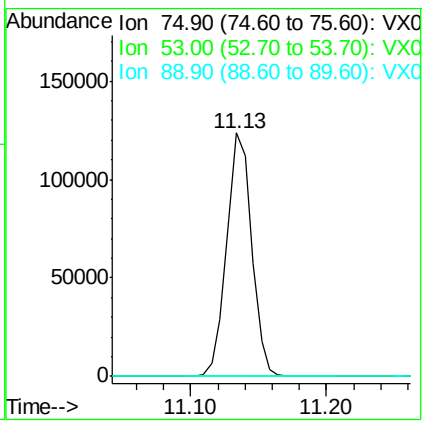


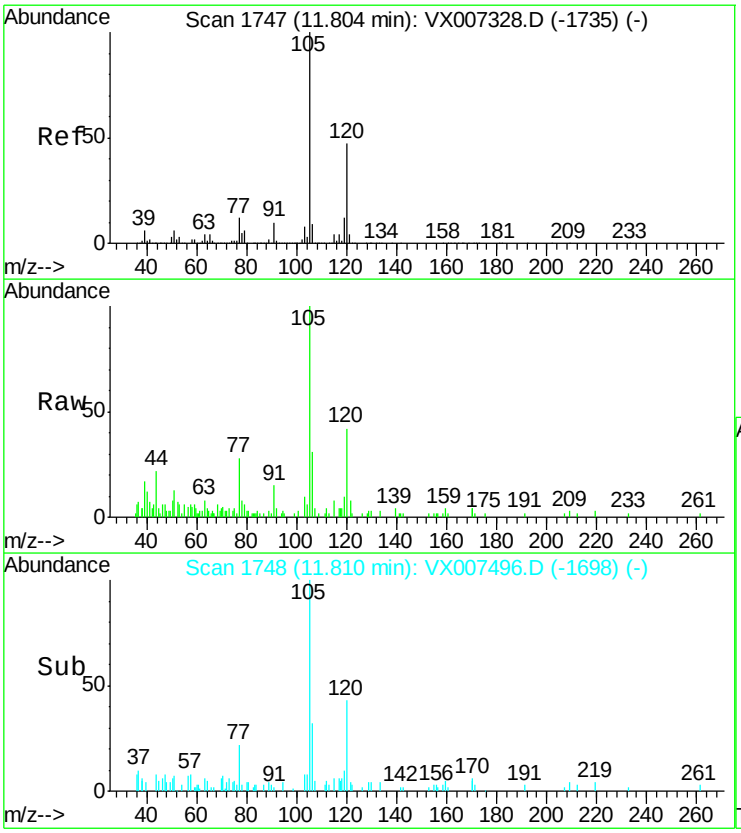
#81
trans-1,4-Dichloro-2-butene
Concen: 68.986 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX007496.D
Acq: 12 Feb 2019 18:37

Instrument :
MSVOA_X
ClientSampleId :
WC-20190208

Tgt Ion: 75 Resp: 158744

Ion	Ratio	Lower	Upper
75	100		
53	0.2	81.0	121.6#
89	0.1	41.4	62.0#

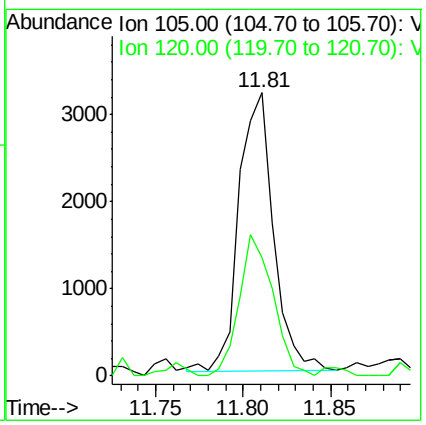


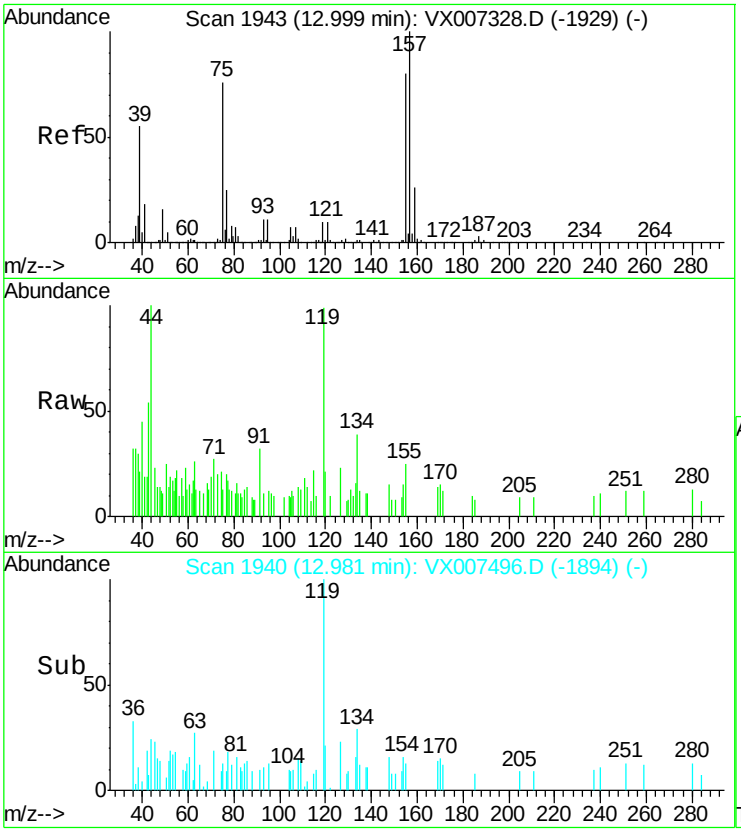


#84
1,2,4-Trimethylbenzene
Concen: 0.217 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. 0.01 min
Lab File: VX007496.D
Acq: 12 Feb 2019 18:37

Tgt Ion:105 Resp: 4374

Ion	Ratio	Lower	Upper
105	100		
120	50.0	23.1	69.3



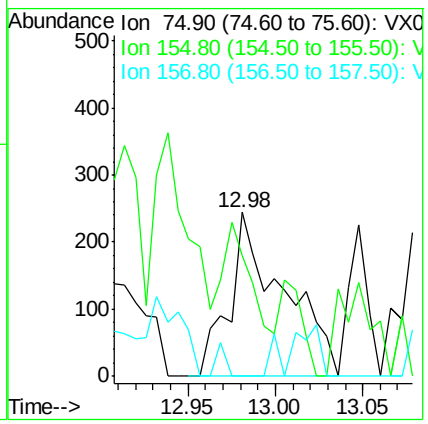


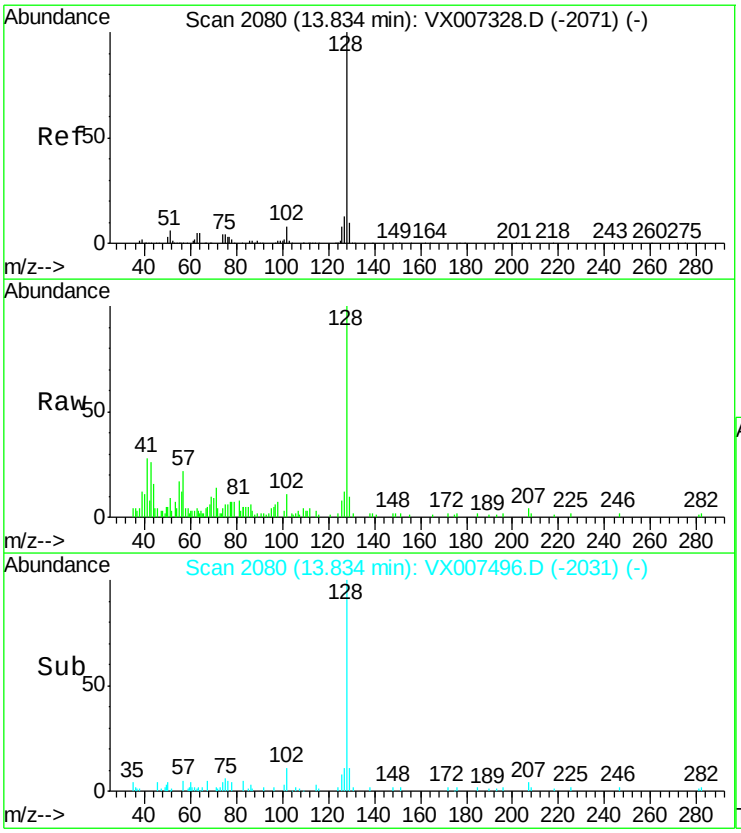
#92
1,2-Dibromo-3-Chloropropane
Concen: 0.344 ug/l
RT: 12.98 min Scan# 1940
Delta R.T. -0.02 min
Lab File: VX007496.D
Acq: 12 Feb 2019 18:37

Instrument : MSVOA_X
ClientSampleId : WC-20190208

Tgt Ion: 75 Resp: 528

Ion	Ratio	Lower	Upper
75	100		
155	57.6	49.6	149.0
157	3.6	65.1	195.3#





#95
Naphthalene
Concen: 0.257 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX007496.D
Acq: 12 Feb 2019 18:37

Tgt Ion:128 Resp: 6177

Ion	Ratio	Lower	Upper
128	100		
127	15.3	10.5	15.7
129	18.9	8.7	13.1#