Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061019\
Data File : VX010202.D
Acq On : 11 Jun 2019 01:53
Operator : JC/SP
Sample : K3255-21
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : RE103D1-20190605

Quant Time: Jun 11 06:19:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 08 02:12:13 2019
Response via : Initial Calibration

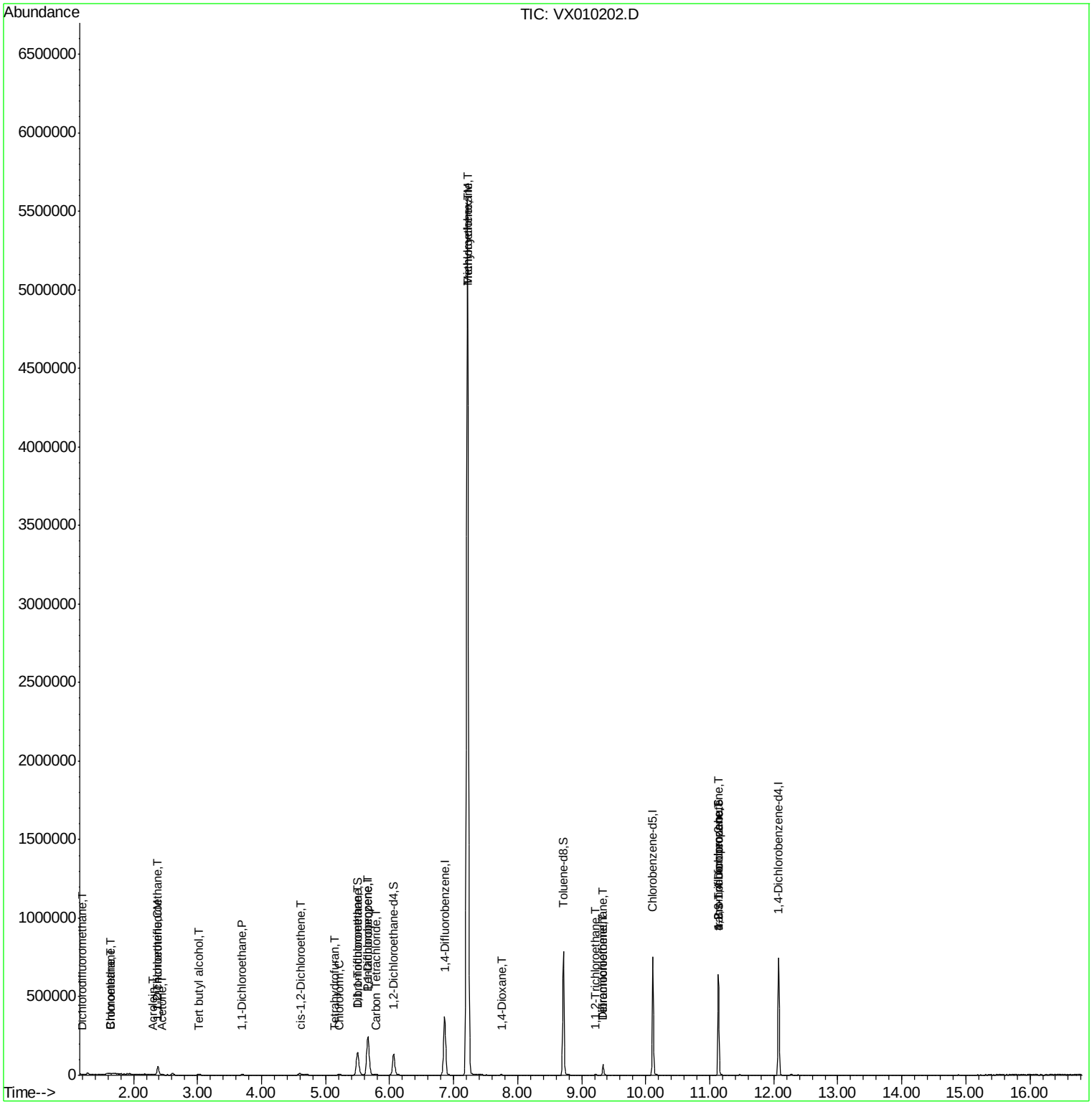
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	266177	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	406246	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	369169	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	170757	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.06	65	119374	45.95	ug/l		0.00
Spiked Amount 50.000			Recovery = 91.90%				
35) Dibromofluoromethane	5.50	113	122817	49.01	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.02%				
50) Toluene-d8	8.71	98	477885	50.89	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.78%				
62) 4-Bromofluorobenzene	11.13	95	164330	46.85	ug/l		0.00
Spiked Amount 50.000			Recovery = 93.70%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	582	0.238	ug/l		77
5) Bromomethane	1.65	94	641	0.743	ug/l	#	80
6) Chloroethane	1.64	64	358	0.311	ug/l	#	54
9) 1,1,2-Trichlorotrifluoroet	2.39	101	15584	6.658	ug/l		91
11) Tert butyl alcohol	3.03	59	2662	4.182	ug/l	#	82
12) 1,1-Dichloroethene	2.37	96	9326	3.901	ug/l	#	75
13) Acrolein	2.31	56	113	0.974	ug/l	#	14
16) Acetone	2.45	43	1782	1.458	ug/l	#	82
24) 1,1-Dichloroethane	3.70	63	3172	0.757	ug/l		98
27) cis-1,2-Dichloroethene	4.60	96	7199	2.446	ug/l		69
29) Tetrahydrofuran	5.14	42	887	0.776	ug/l	#	74
30) Chloroform	5.22	83	3039	0.698	ug/l		96
32) 1,1,1-Trichloroethane	5.49	97	1020	0.249	ug/l	#	49
36) 1,1-Dichloropropene	5.65	75	15769	4.758	ug/l	#	52
38) Carbon Tetrachloride	5.79	117	1409	0.376	ug/l	#	84
39) Methylcyclohexane	7.21	83	24645	5.461	ug/l	#	1
44) Trichloroethene	7.21	130	2286227	740.065	ug/l		90
49) 1,4-Dioxane	7.74	88	1902	24.740	ug/l	#	76
55) 1,1,2-Trichloroethane	9.22	97	1841	0.667	ug/l		90
60) Dibromochloromethane	9.34	129	12526	3.838	ug/l	#	11
64) Tetrachloroethene	9.34	164	13400	4.887	ug/l		95
76) 1,2,3-Trichloropropane	11.13	75	74029	21.675	ug/l	#	34
81) trans-1,4-Dichloro-2-buten	11.13	75	74029	47.889	ug/l	#	10

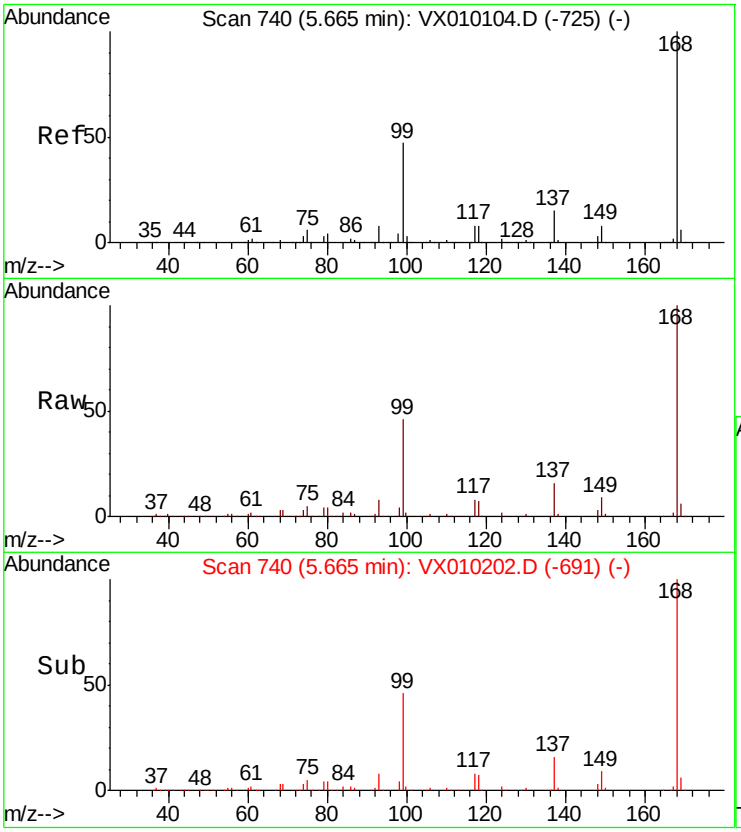
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061019\
Data File : VX010202.D
Acq On : 11 Jun 2019 01:53
Operator : JC/SP
Sample : K3255-21
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20190605

Quant Time: Jun 11 06:19:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 08 02:12:13 2019
Response via : Initial Calibration



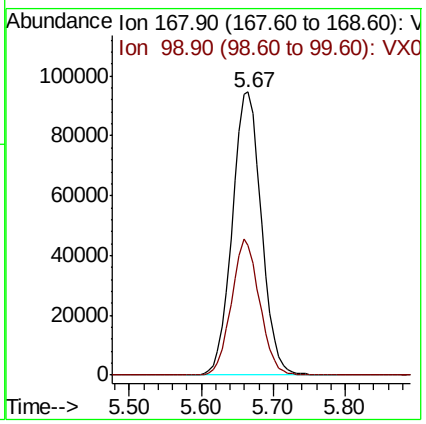


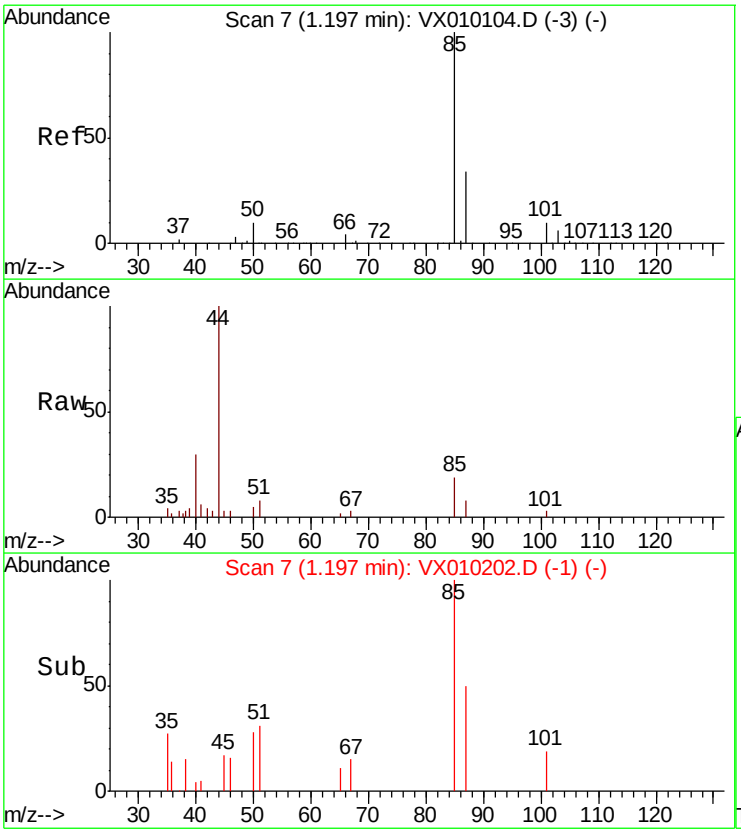
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.00 min
Lab File: VX010202.D
Acq: 11 Jun 2019 01:53

Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20190605

Tgt Ion:168 Resp: 266177

Ion	Ratio	Lower	Upper
168	100		
99	45.9	43.0	64.6

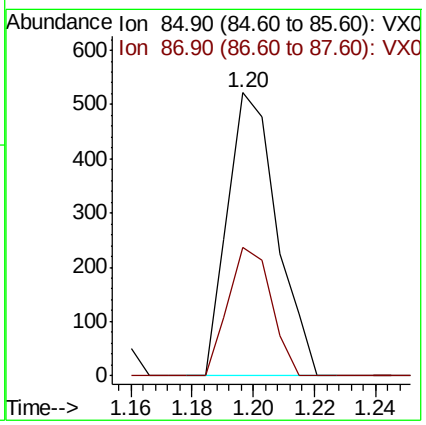


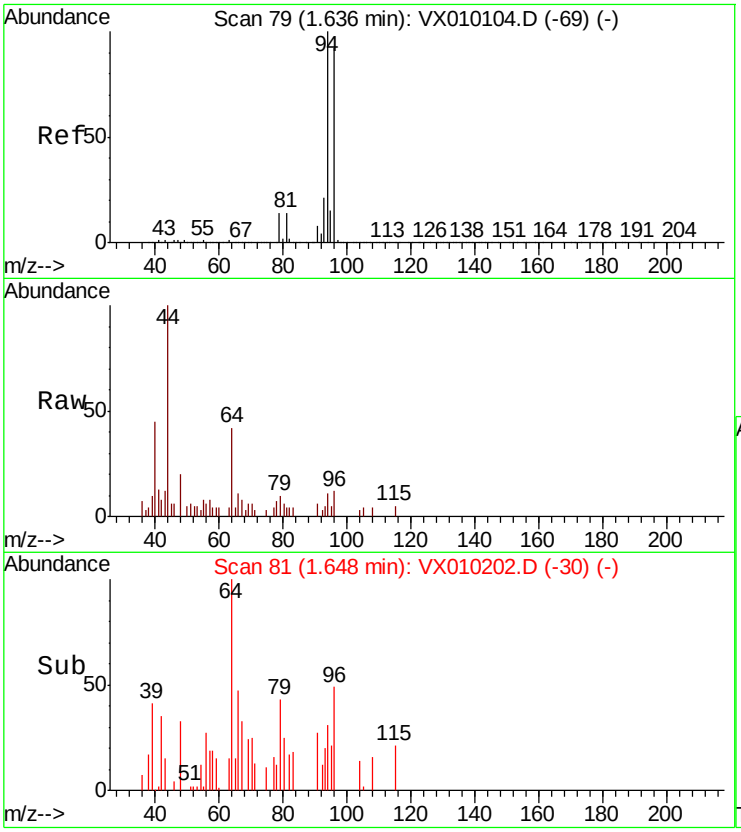


#2
Dichlorodifluoromethane
Concen: 0.238 ug/l
RT: 1.20 min Scan# 7
Delta R.T. -0.00 min
Lab File: VX010202.D
Acq: 11 Jun 2019 01:53

Tgt Ion: 85 Resp: 582

Ion	Ratio	Lower	Upper
85	100		
87	45.2	16.1	48.2



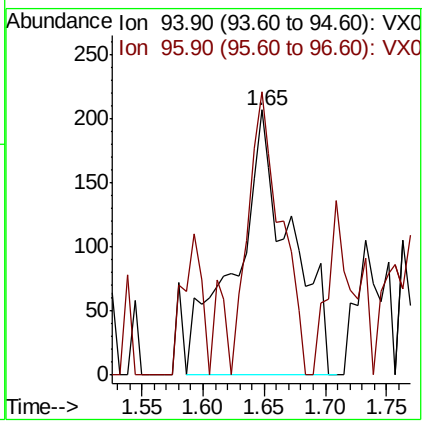


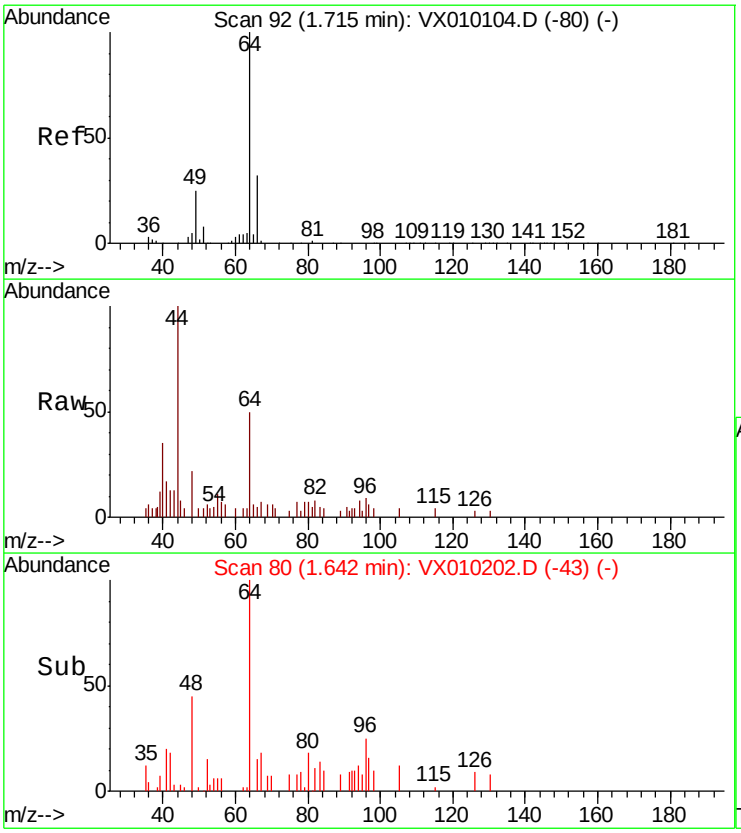
#5
Bromomethane
Concen: 0.743 ug/l
RT: 1.65 min Scan# 81
Delta R.T. 0.01 min
Lab File: VX010202.D
Acq: 11 Jun 2019 01:53

Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20190605

Tgt Ion: 94 Resp: 641

Ion	Ratio	Lower	Upper
94	100		
96	75.4	76.2	114.4#

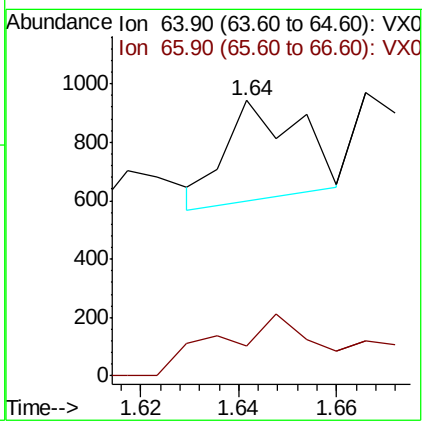


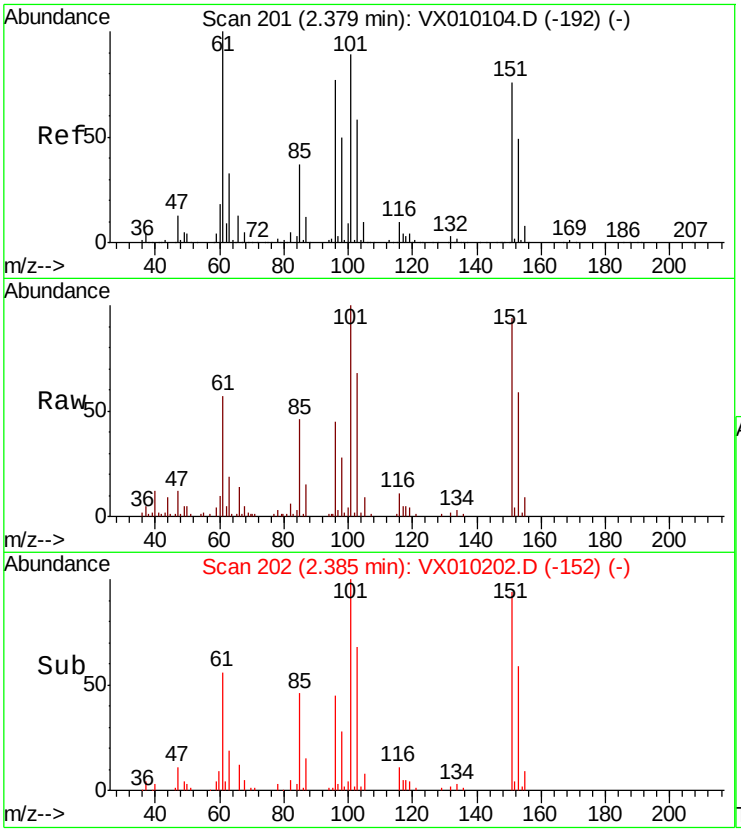


#6
Chloroethane
Concen: 0.311 ug/l
RT: 1.64 min Scan# 80
Delta R.T. -0.07 min
Lab File: VX010202.D
Acq: 11 Jun 2019 01:53

Tgt Ion: 64 Resp: 358

Ion	Ratio	Lower	Upper
64	100		
66	5.7	25.1	37.7#



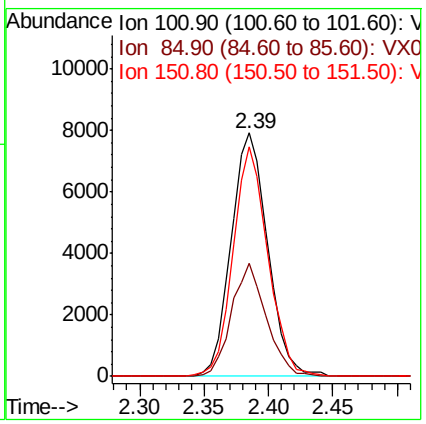


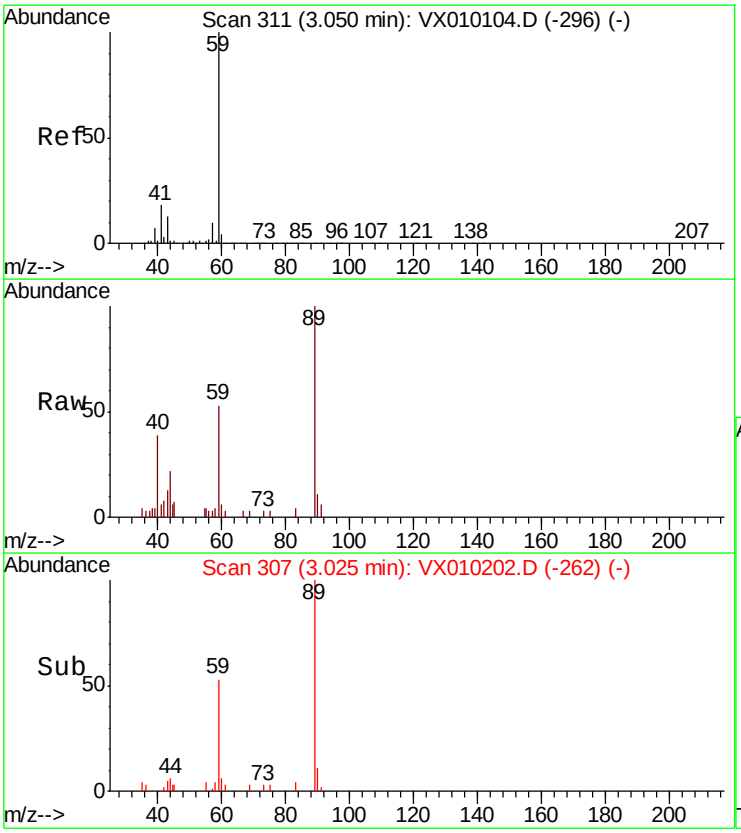
#9
1,1,2-Trichlorotrifluoroethane
Concen: 6.658 ug/l
RT: 2.39 min Scan# 202
Delta R.T. 0.01 min
Lab File: VX010202.D
Acq: 11 Jun 2019 01:53

Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20190605

Tgt Ion:101 Resp: 15584

Ion	Ratio	Lower	Upper
101	100		
85	44.0	35.2	52.8
151	89.6	61.9	92.9

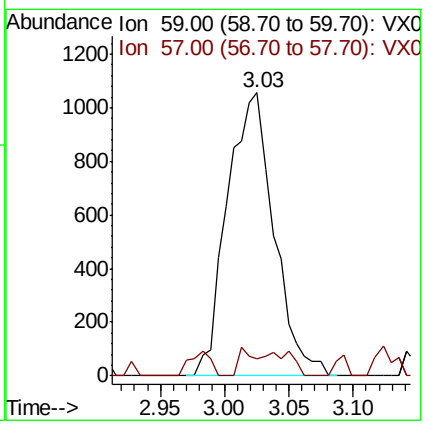


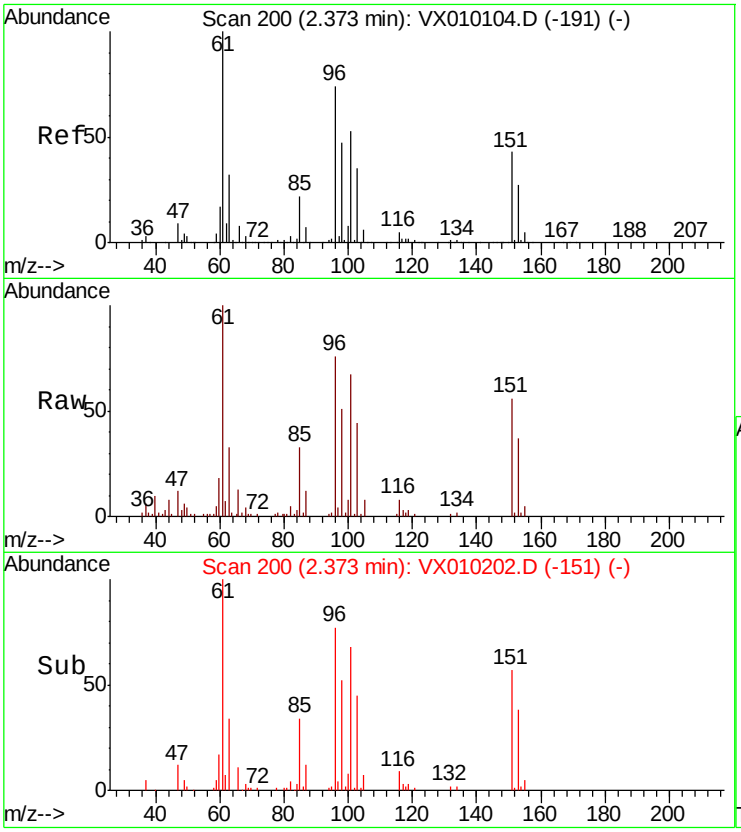


#11
Tert butyl alcohol
Concen: 4.182 ug/l
RT: 3.03 min Scan# 307
Delta R.T. -0.02 min
Lab File: VX010202.D
Acq: 11 Jun 2019 01:53

Tgt Ion: 59 Resp: 2662

Ion	Ratio	Lower	Upper
59	100		
57	3.4	8.2	12.2#



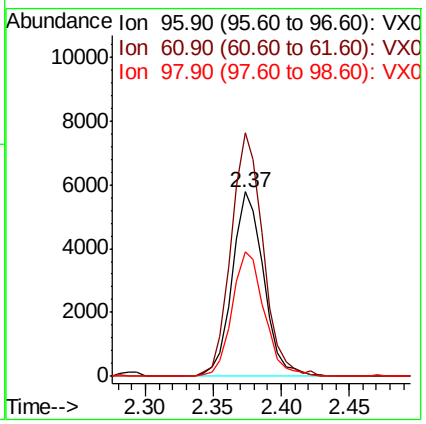


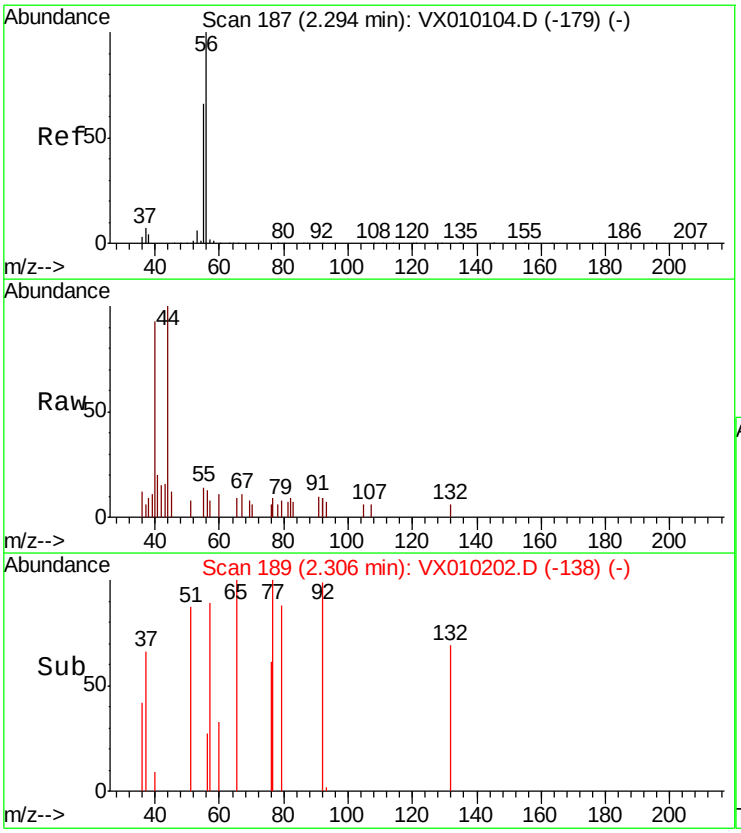
#12
1,1-Dichloroethene
Concen: 3.901 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX010202.D
Acq: 11 Jun 2019 01:53

Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20190605

Tgt Ion: 96 Resp: 9326

Ion	Ratio	Lower	Upper
96	100		
61	132.2	140.7	211.1#
98	67.8	50.1	75.1

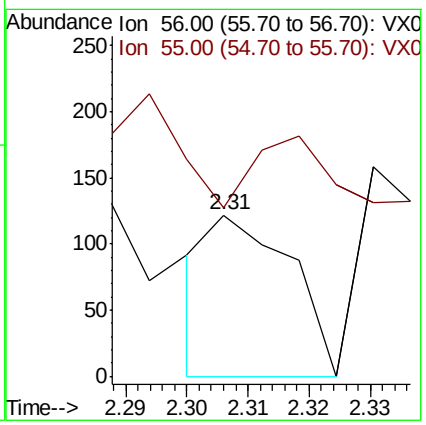


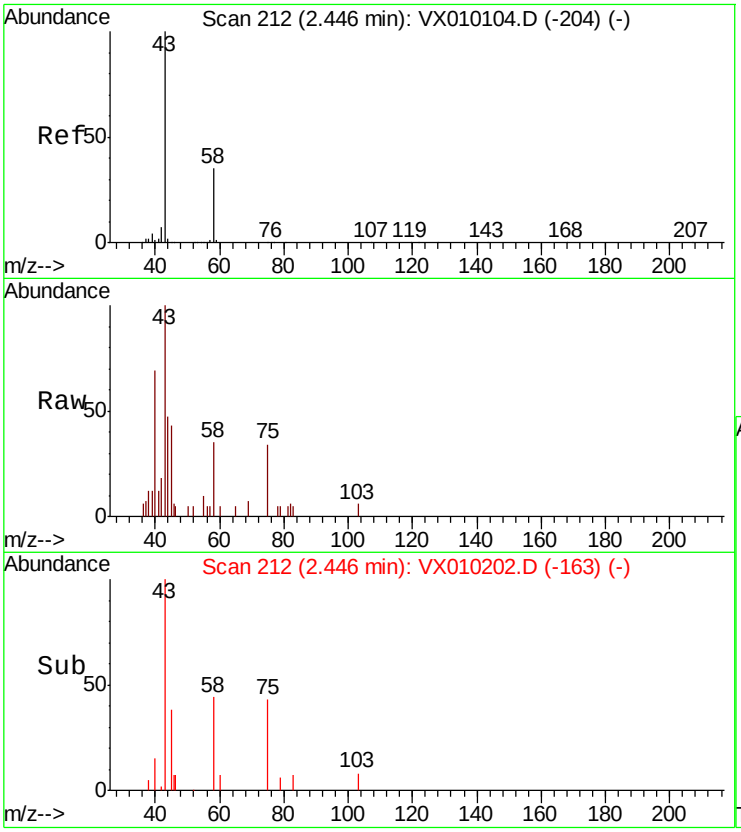


#13
Acrolein
Concen: 0.974 ug/l
RT: 2.31 min Scan# 189
Delta R.T. 0.01 min
Lab File: VX010202.D
Acq: 11 Jun 2019 01:53

Tgt Ion: 56 Resp: 113

Ion	Ratio	Lower	Upper
56	100		
55	0.0	57.0	85.4#



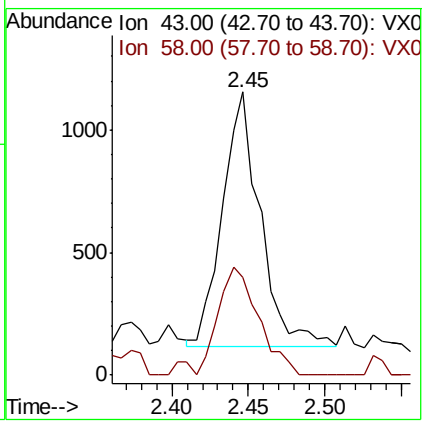


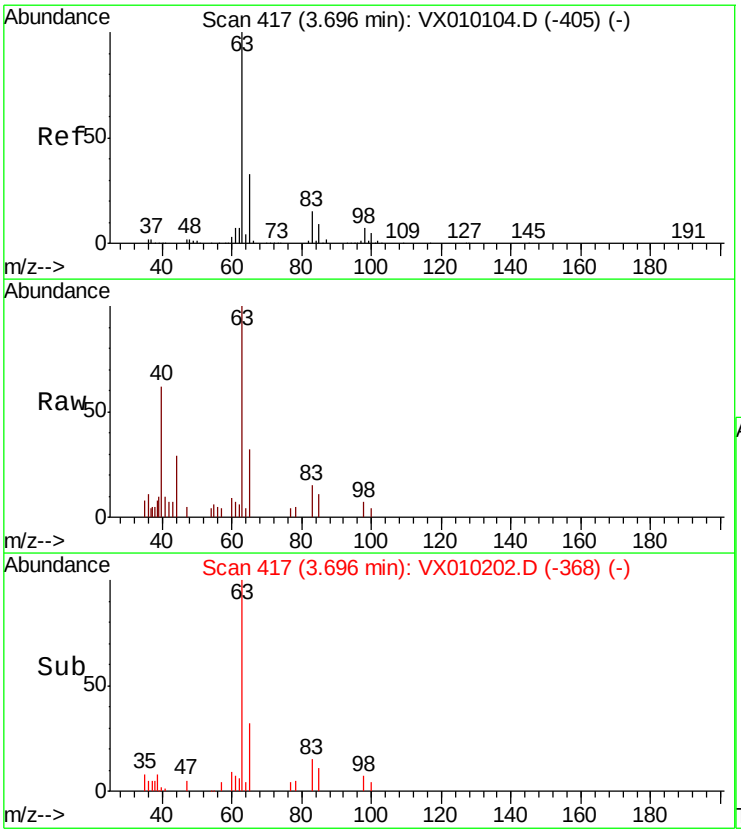
#16
Acetone
Concen: 1.458 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX010202.D
Acq: 11 Jun 2019 01:53

Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20190605

Tgt Ion: 43 Resp: 1782

Ion	Ratio	Lower	Upper
43	100		
58	38.8	23.2	34.8#

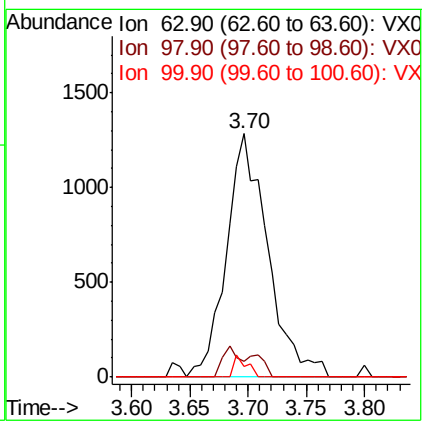


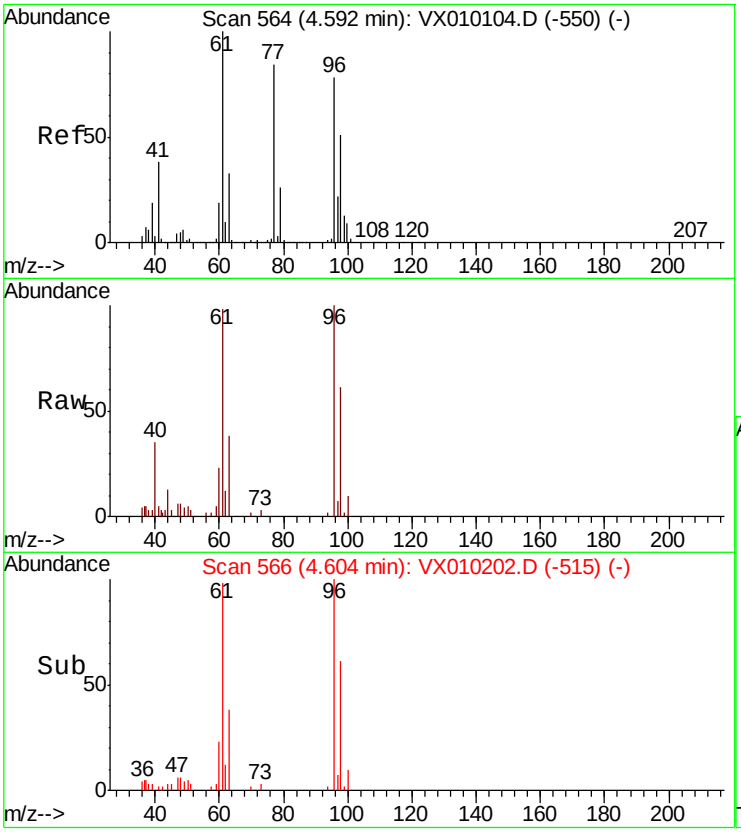


#24
1,1-Dichloroethane
Concen: 0.757 ug/l
RT: 3.70 min Scan# 417
Delta R.T. -0.00 min
Lab File: VX010202.D
Acq: 11 Jun 2019 01:53

Tgt Ion: 63 Resp: 3172

Ion	Ratio	Lower	Upper
63	100		
98	6.6	2.9	8.8
100	4.4	1.8	5.4



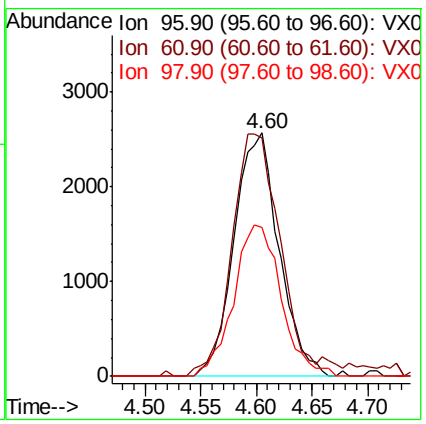


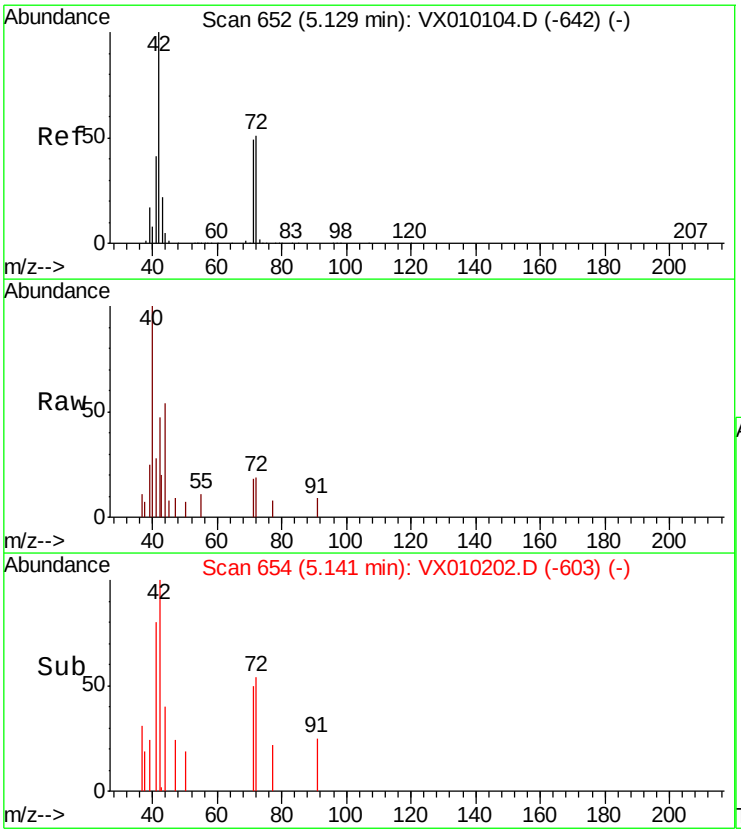
#27
cis-1,2-Dichloroethene
Concen: 2.446 ug/l
RT: 4.60 min Scan# 566
Delta R.T. 0.01 min
Lab File: VX010202.D
Acq: 11 Jun 2019 01:53

Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20190605

Tgt Ion: 96 Resp: 7199

Ion	Ratio	Lower	Upper
96	100		
61	108.4	0.0	334.0
98	65.7	0.0	131.6

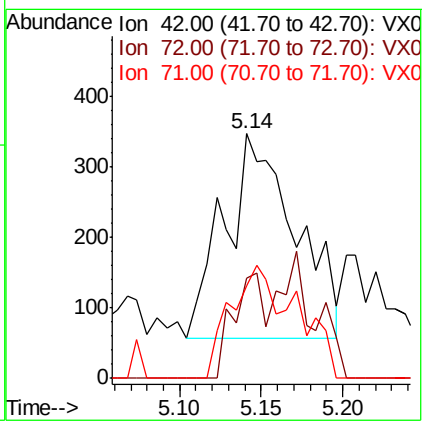


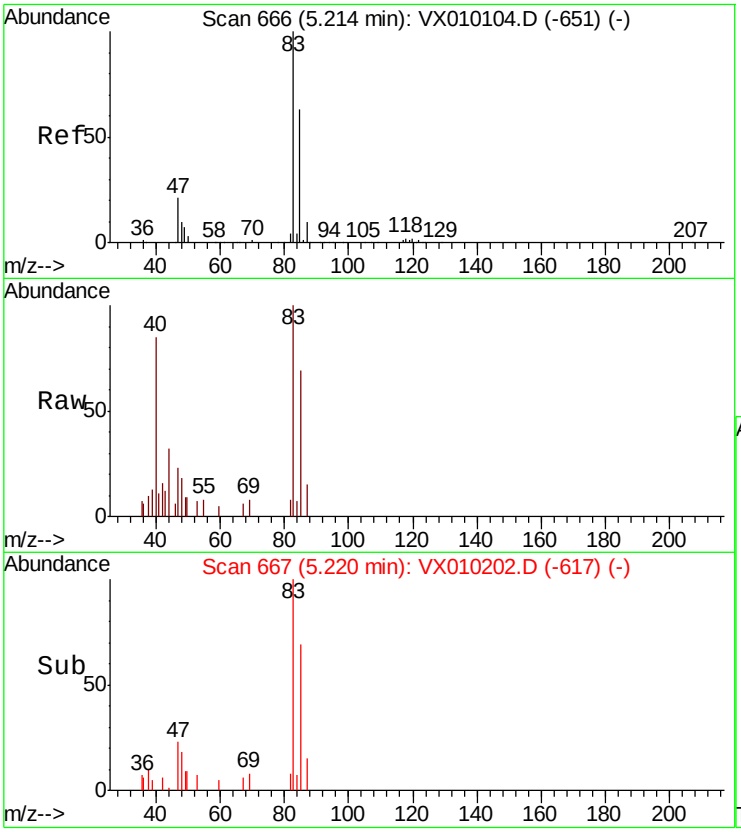


#29
Tetrahydrofuran
Concen: 0.776 ug/l
RT: 5.14 min Scan# 654
Delta R.T. 0.01 min
Lab File: VX010202.D
Acq: 11 Jun 2019 01:53

Tgt Ion: 42 Resp: 887

Ion	Ratio	Lower	Upper
42	100		
72	22.2	29.2	43.8#
71	50.1	27.6	41.4#



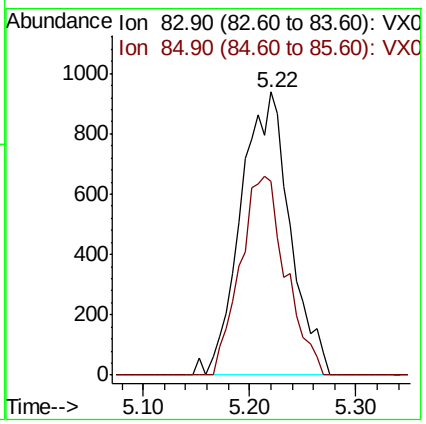


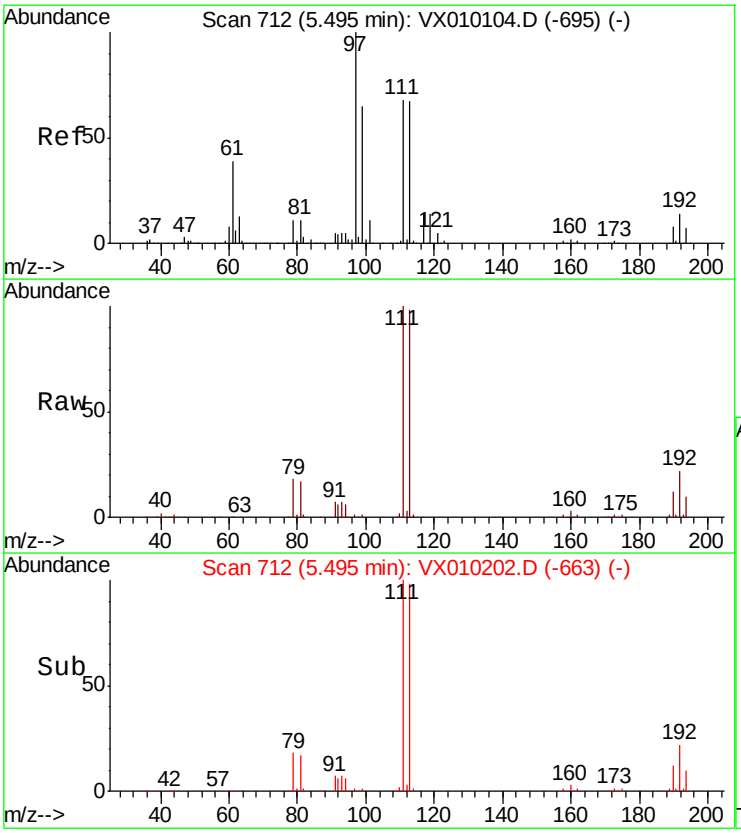
#30
Chloroform
Concen: 0.698 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX010202.D
Acq: 11 Jun 2019 01:53

Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20190605

Tgt Ion: 83 Resp: 3039

Ion	Ratio	Lower	Upper
83	100		
85	68.6	52.6	78.8

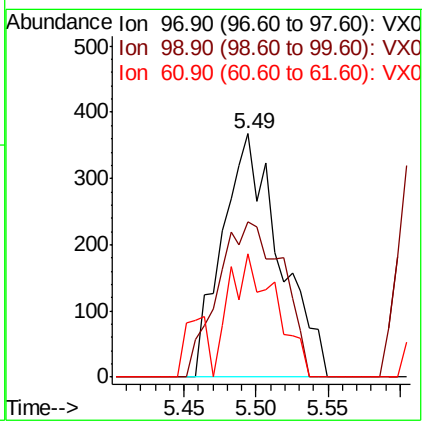


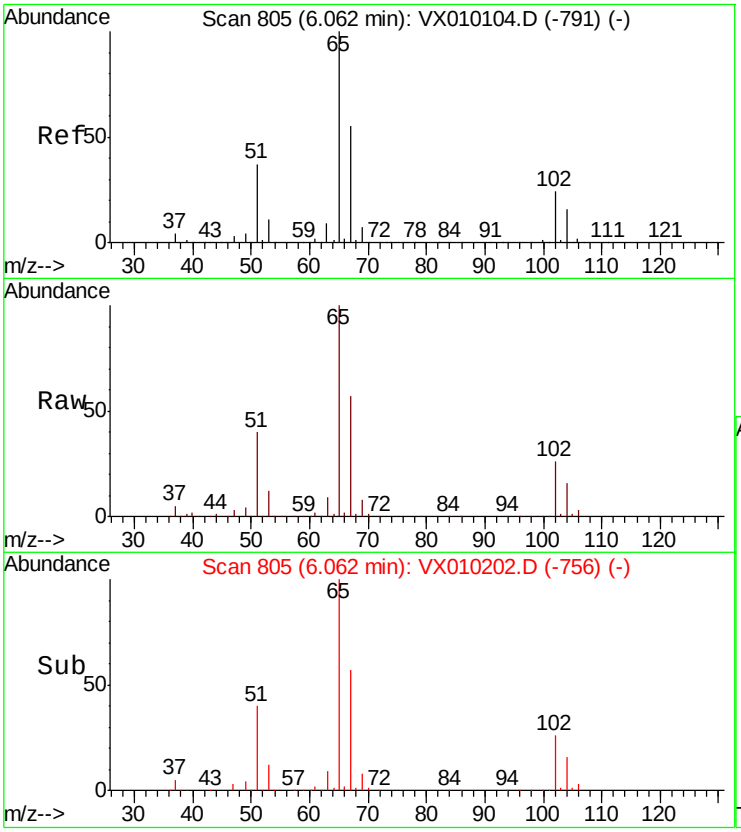


#32
1,1,1-Trichloroethane
Concen: 0.249 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX010202.D
Acq: 11 Jun 2019 01:53

Tgt Ion: 97 Resp: 1020

Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.0	76.4#
61	40.8	38.7	58.1



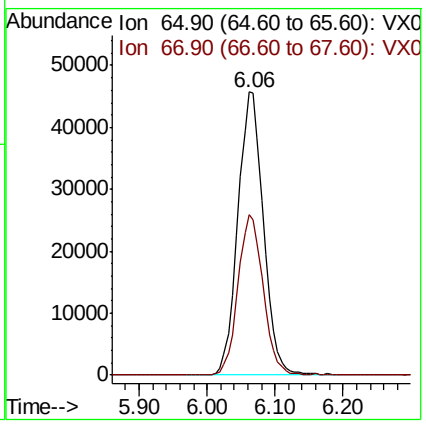


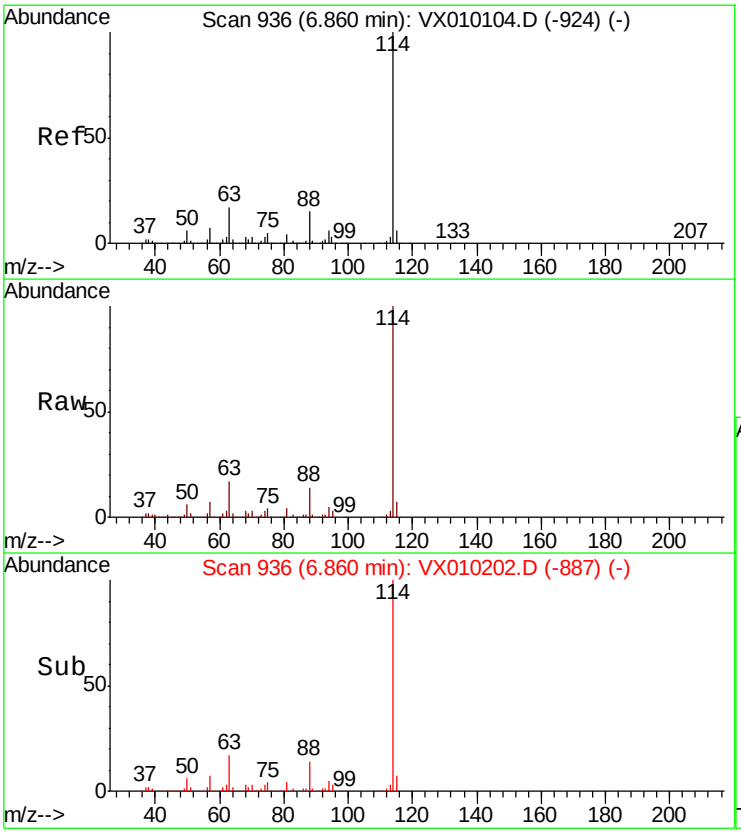
#33
1,2-Dichloroethane-d4
Concen: 45.945 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX010202.D
Acq: 11 Jun 2019 01:53

Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20190605

Tgt Ion: 65 Resp: 119374

Ion	Ratio	Lower	Upper
65	100		
67	55.8	0.0	108.4

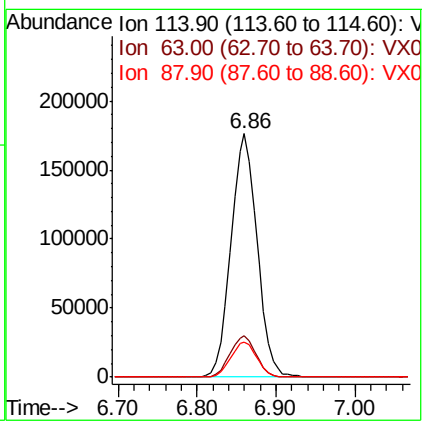


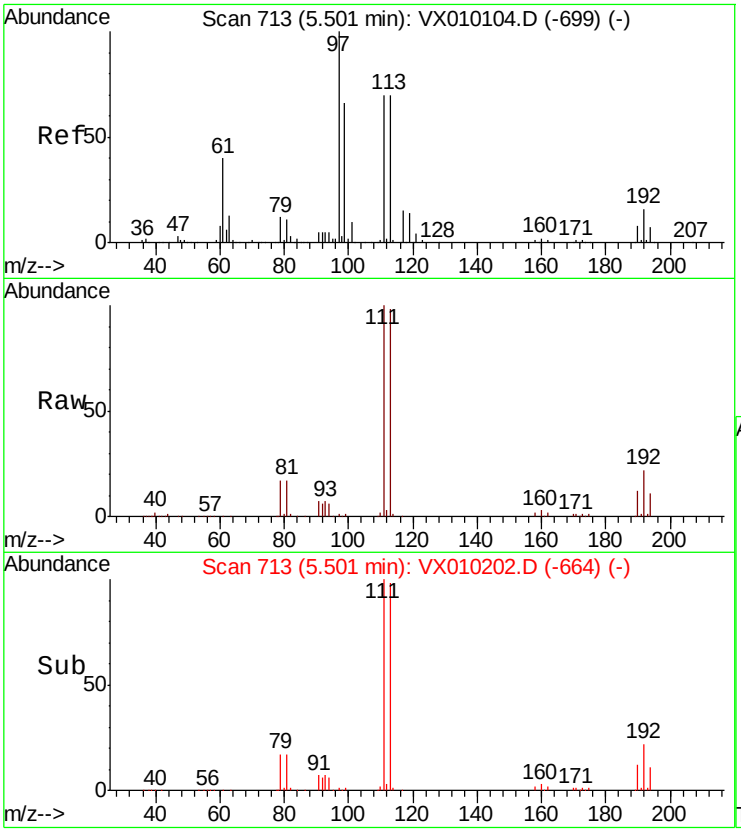


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX010202.D
Acq: 11 Jun 2019 01:53

Tgt Ion:114 Resp: 406246

Ion	Ratio	Lower	Upper
114	100		
63	16.9	0.0	47.4
88	14.1	0.0	33.0



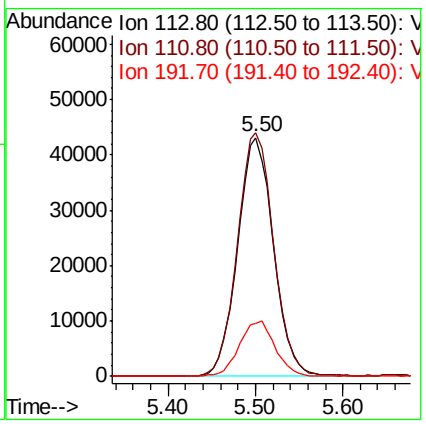


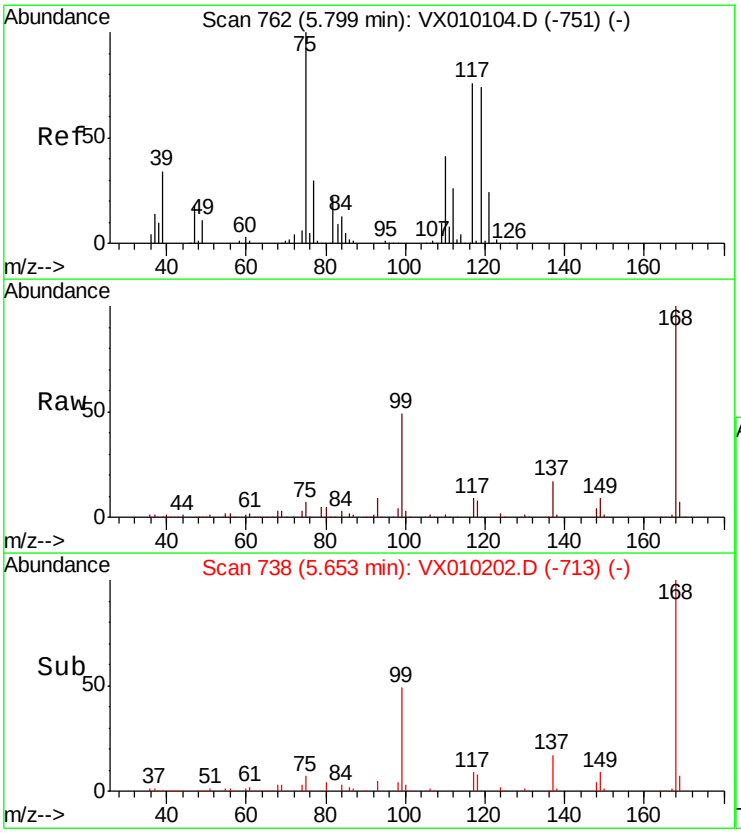
#35
Dibromofluoromethane
Concen: 49.013 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX010202.D
Acq: 11 Jun 2019 01:53

Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20190605

Tgt Ion:113 Resp: 122817

Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.2	123.2
192	23.1	17.1	25.7

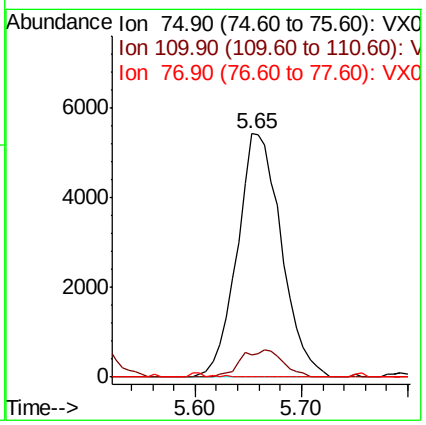


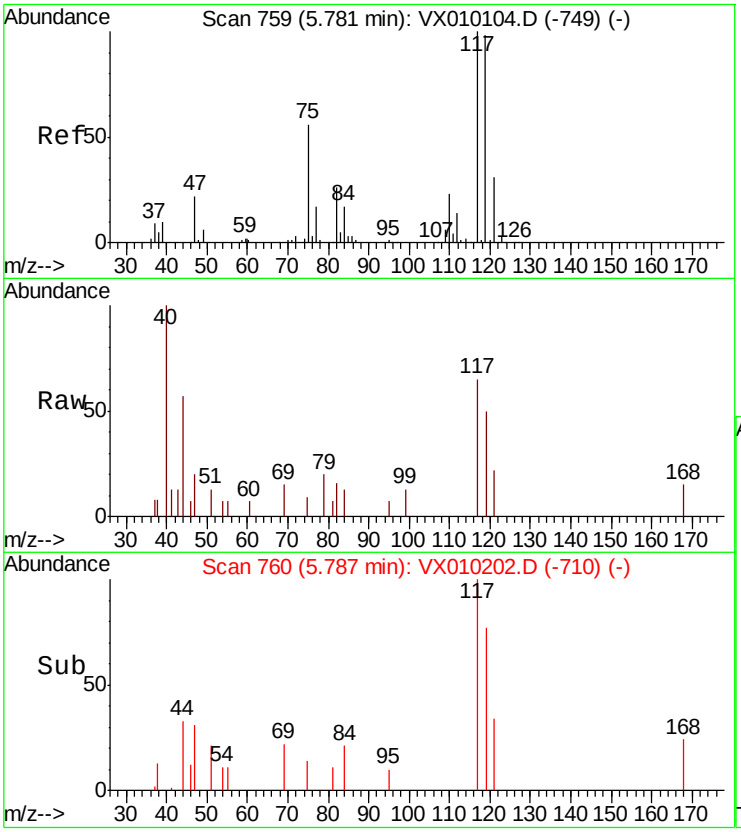


#36
1,1-Dichloropropene
Concen: 4.758 ug/l
RT: 5.65 min Scan# 738
Delta R.T. -0.15 min
Lab File: VX010202.D
Acq: 11 Jun 2019 01:53

Tgt Ion: 75 Resp: 15769

Ion	Ratio	Lower	Upper
75	100		
110	10.6	16.7	50.1#
77	0.0	25.0	37.4#



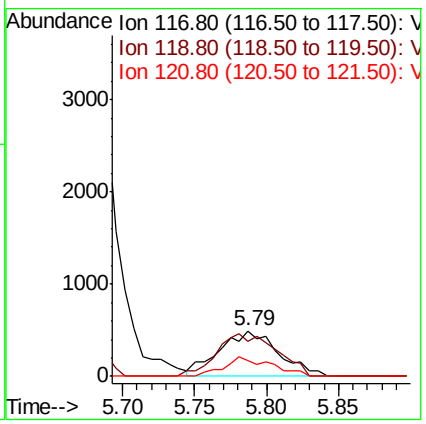


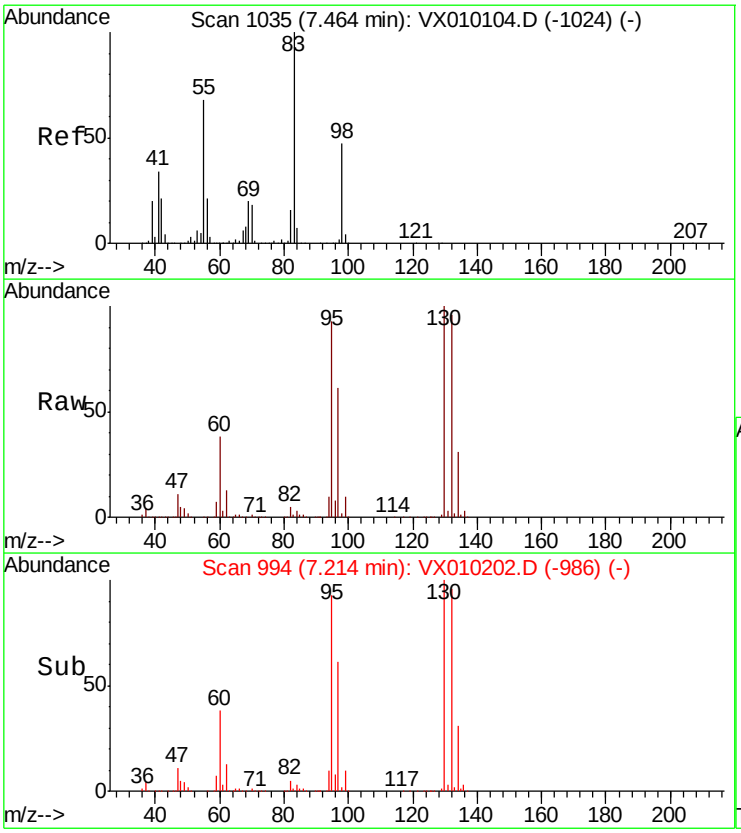
#38
Carbon Tetrachloride
Concen: 0.376 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX010202.D
Acq: 11 Jun 2019 01:53

Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20190605

Tgt Ion:117 Resp: 1409

Ion	Ratio	Lower	Upper
117	100		
119	77.1	77.3	115.9#
121	33.6	25.4	38.0

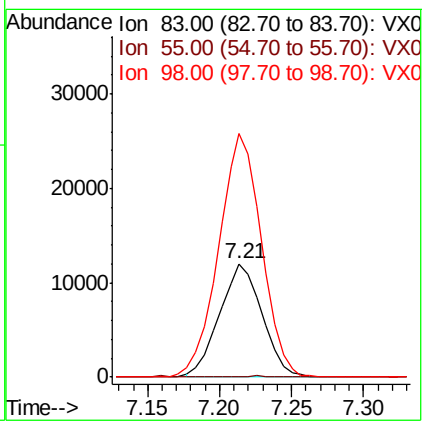


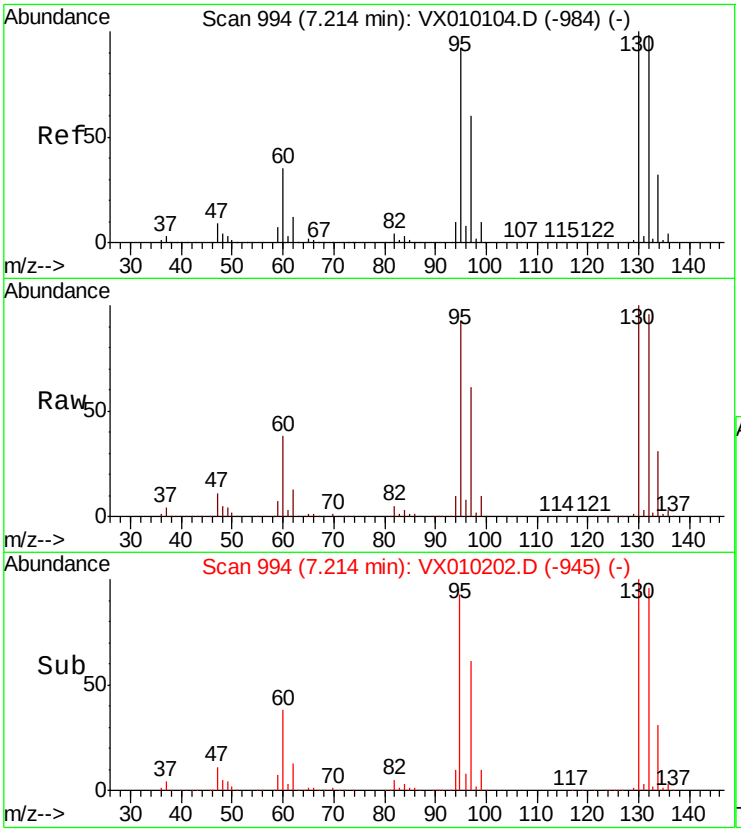


#39
Methylcyclohexane
Concen: 5.461 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.25 min
Lab File: VX010202.D
Acq: 11 Jun 2019 01:53

Tgt Ion: 83 Resp: 24645

Ion	Ratio	Lower	Upper
83	100		
55	0.2	69.9	104.9#
98	214.5	35.1	52.7#



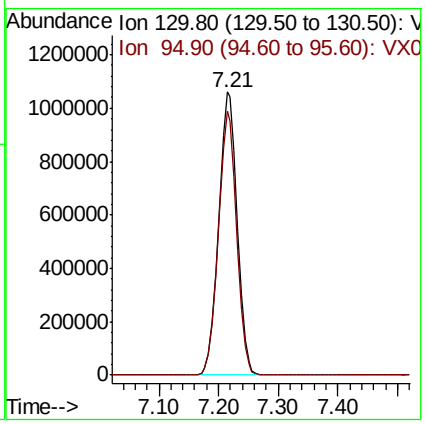


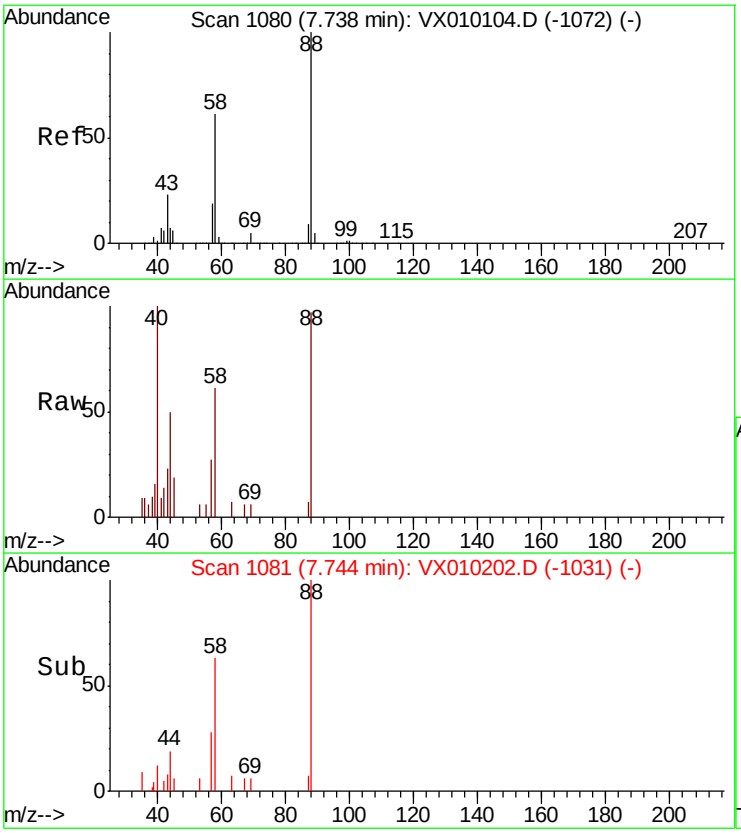
#44
Trichloroethene
Concen: 740.065 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.00 min
Lab File: VX010202.D
Acq: 11 Jun 2019 01:53

Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20190605

Tgt Ion:130 Resp: 2286227

Ion	Ratio	Lower	Upper
130	100		
95	93.1	0.0	207.4

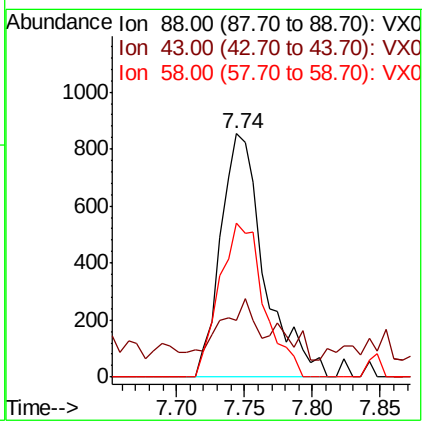


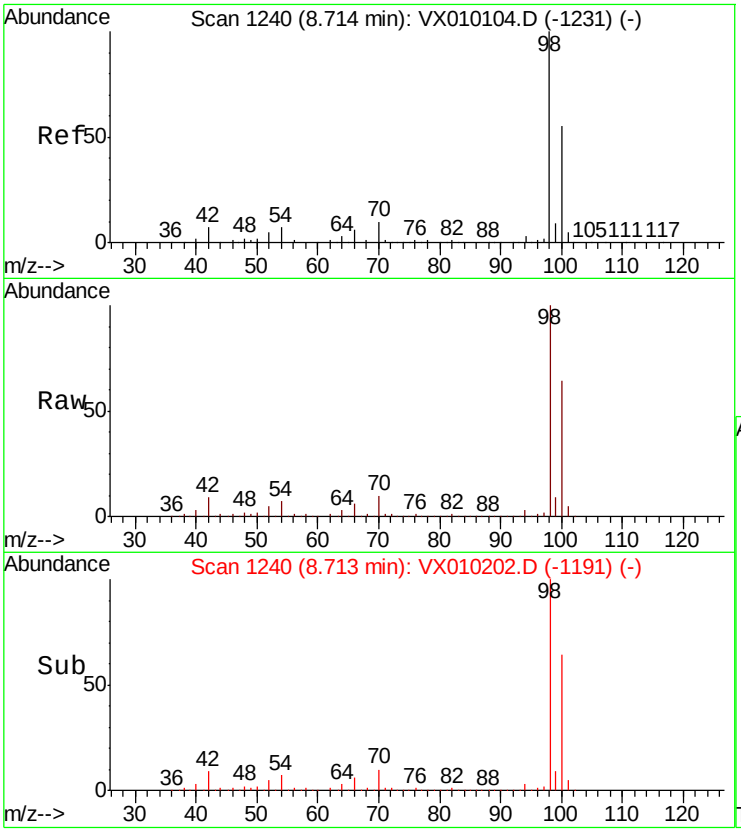


#49
1,4-Dioxane
Concen: 24.740 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. 0.01 min
Lab File: VX010202.D
Acq: 11 Jun 2019 01:53

Tgt Ion: 88 Resp: 1902

Ion	Ratio	Lower	Upper
88	100		
43	14.5	30.2	45.4#
58	64.5	64.0	96.0



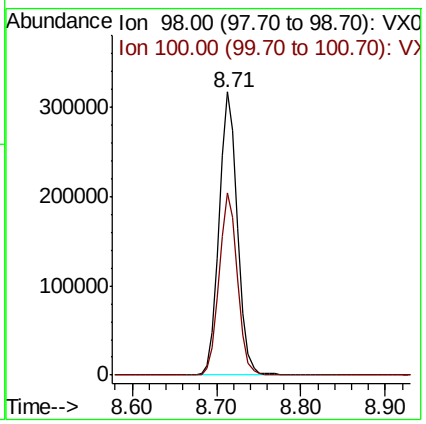


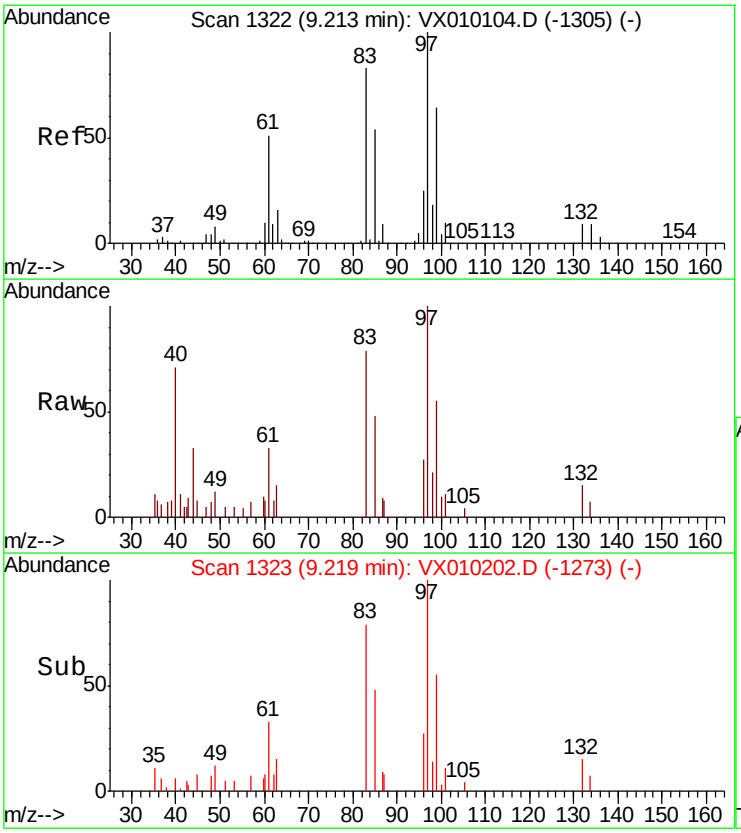
#50
Toluene-d8
Concen: 50.885 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010202.D
Acq: 11 Jun 2019 01:53

Instrument : MSVOA_X
ClientSampleId : RE103D1-20190605

Tgt Ion: 98 Resp: 477885

Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.5	77.3

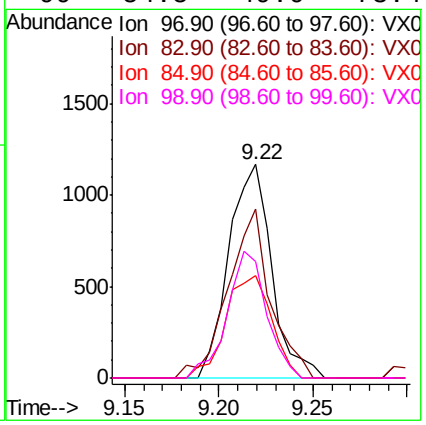


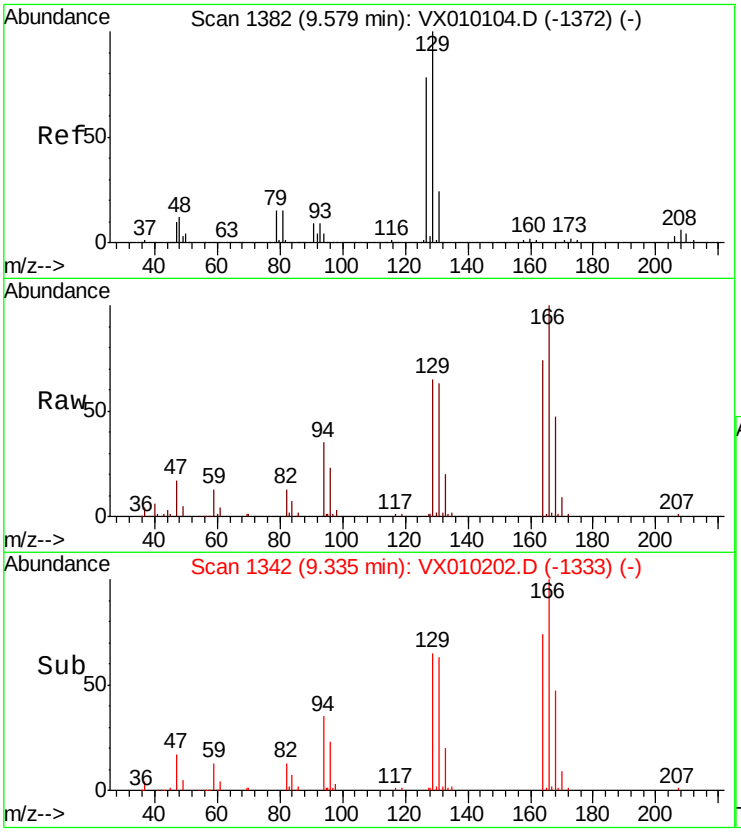


#55
1,1,2-Trichloroethane
Concen: 0.667 ug/l
RT: 9.22 min Scan# 1323
Delta R.T. 0.01 min
Lab File: VX010202.D
Acq: 11 Jun 2019 01:53

Tgt Ion: 97 Resp: 1841

Ion	Ratio	Lower	Upper
97	100		
83	79.1	69.8	104.8
85	47.8	45.3	67.9
99	54.5	49.0	73.4



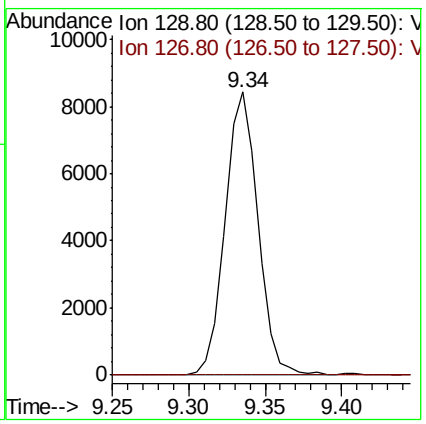


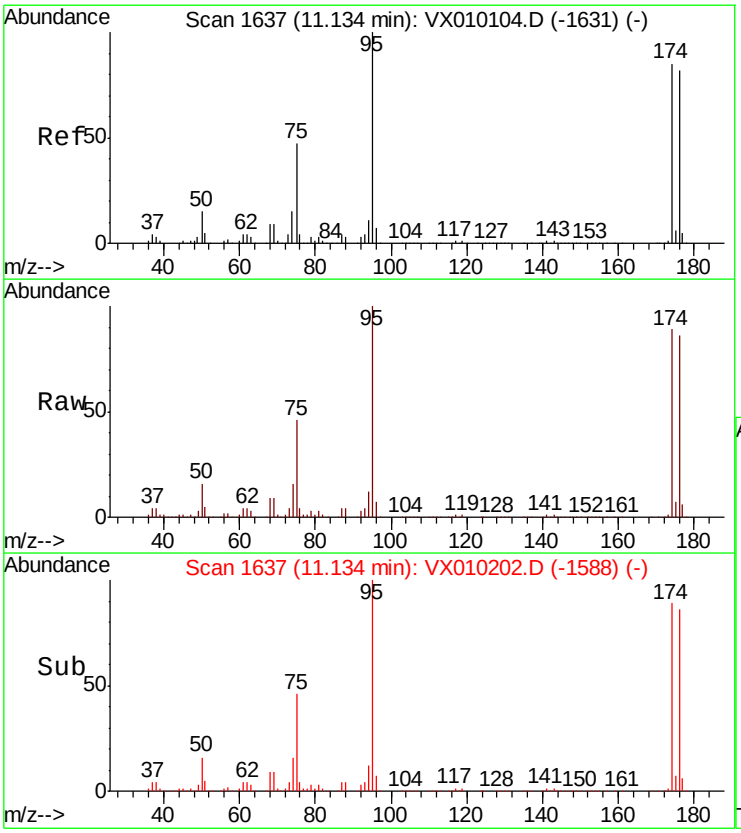
#60
Dibromochloromethane
Concen: 3.838 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.24 min
Lab File: VX010202.D
Acq: 11 Jun 2019 01:53

Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20190605

Tgt Ion:129 Resp: 12526

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.5	115.5#

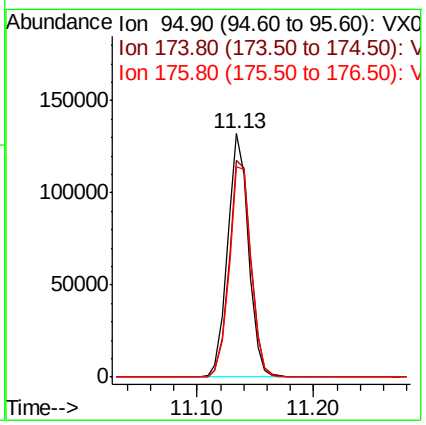


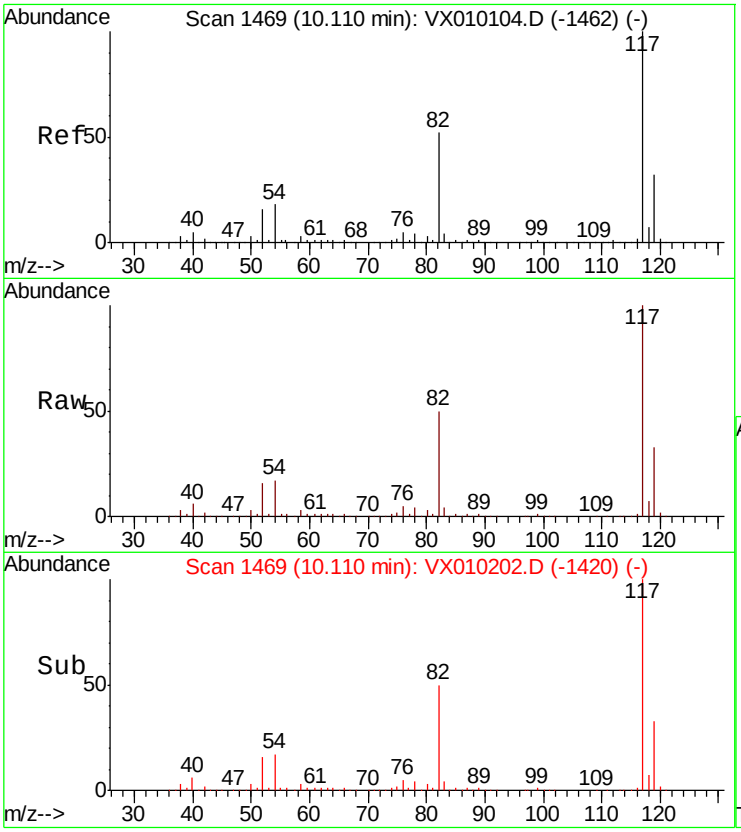


#62
4-Bromofluorobenzene
Concen: 46.854 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010202.D
Acq: 11 Jun 2019 01:53

Tgt Ion: 95 Resp: 164330

Ion	Ratio	Lower	Upper
95	100		
174	93.7	0.0	160.4
176	90.7	0.0	154.6



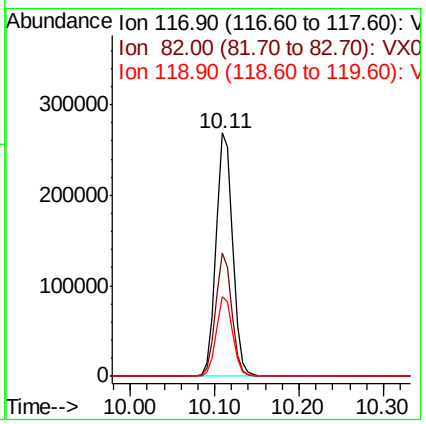


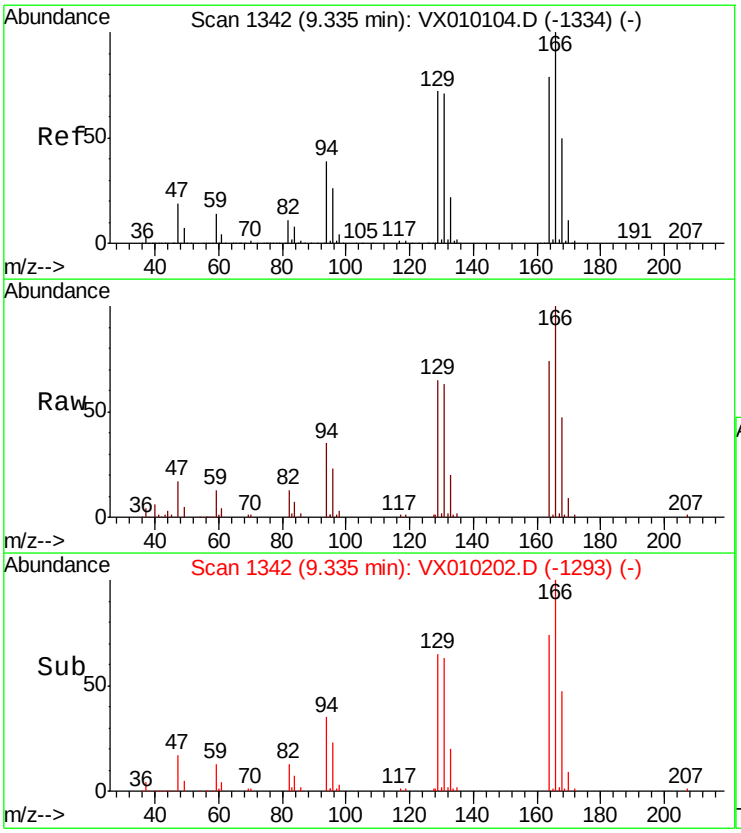
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010202.D
Acq: 11 Jun 2019 01:53

Instrument : MSVOA_X
ClientSampleId : RE103D1-20190605

Tgt Ion:117 Resp: 369169

Ion	Ratio	Lower	Upper
117	100		
82	50.4	49.2	73.8
119	32.8	25.2	37.8

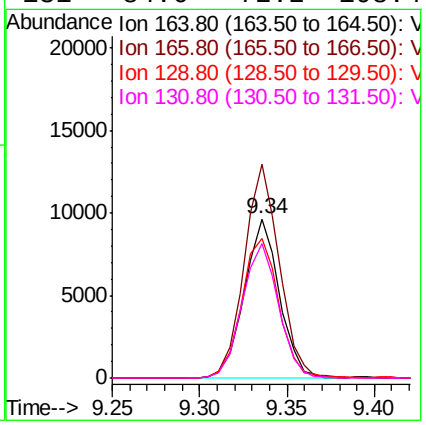


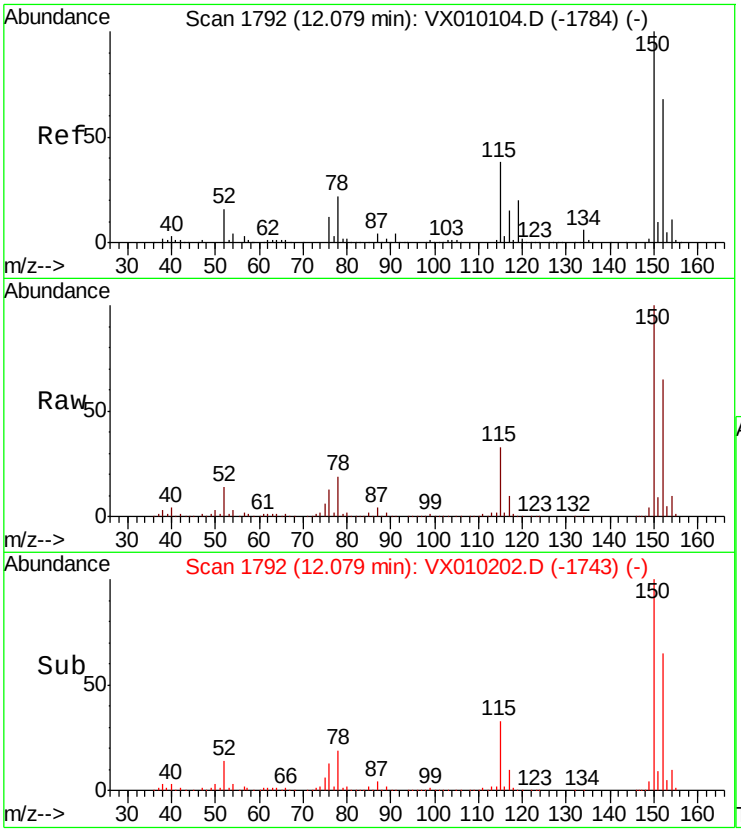


#64
Tetrachloroethene
Concen: 4.887 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010202.D
Acq: 11 Jun 2019 01:53

Tgt Ion:164 Resp: 13400

Ion	Ratio	Lower	Upper
164	100		
166	134.5	105.0	157.4
129	87.6	75.1	112.7
131	84.6	72.2	108.4



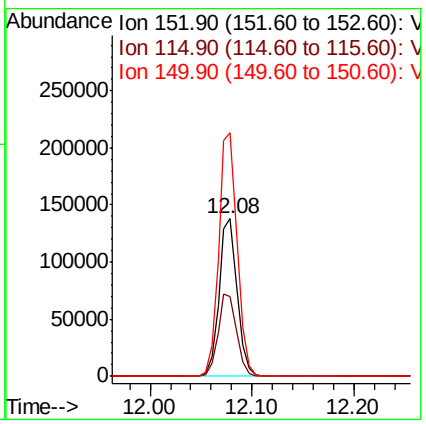


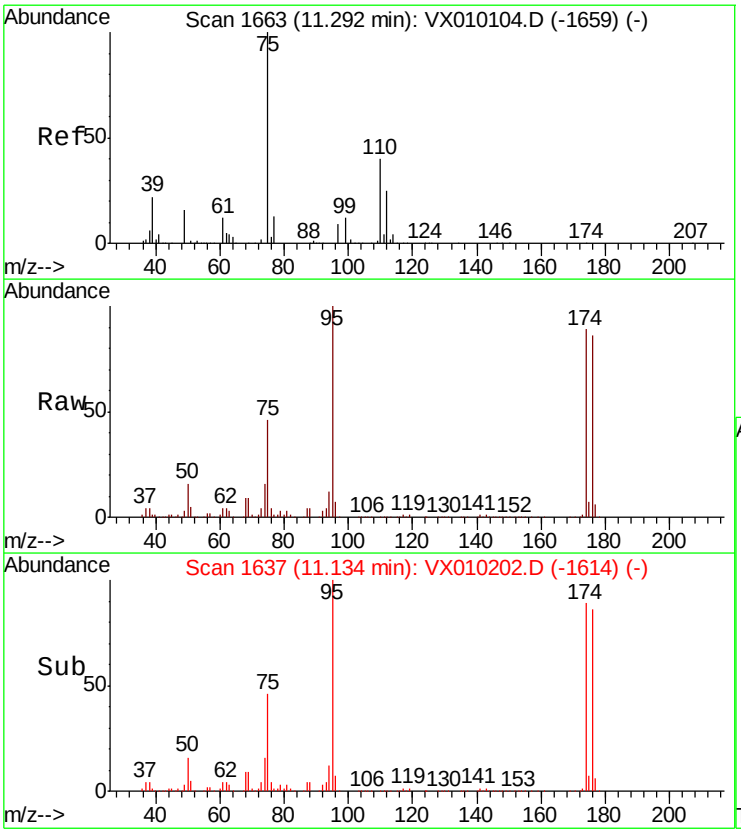
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX010202.D
Acq: 11 Jun 2019 01:53

Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20190605

Tgt Ion:152 Resp: 170757

Ion	Ratio	Lower	Upper
152	100		
115	53.8	41.4	124.2
150	158.1	0.0	345.2

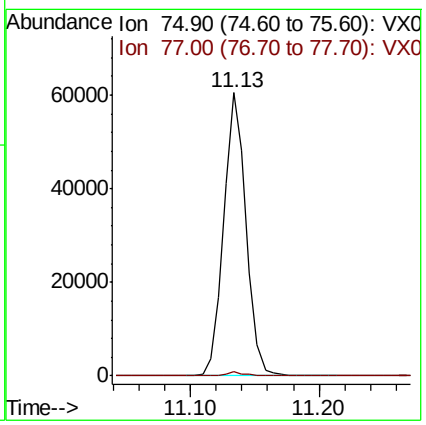


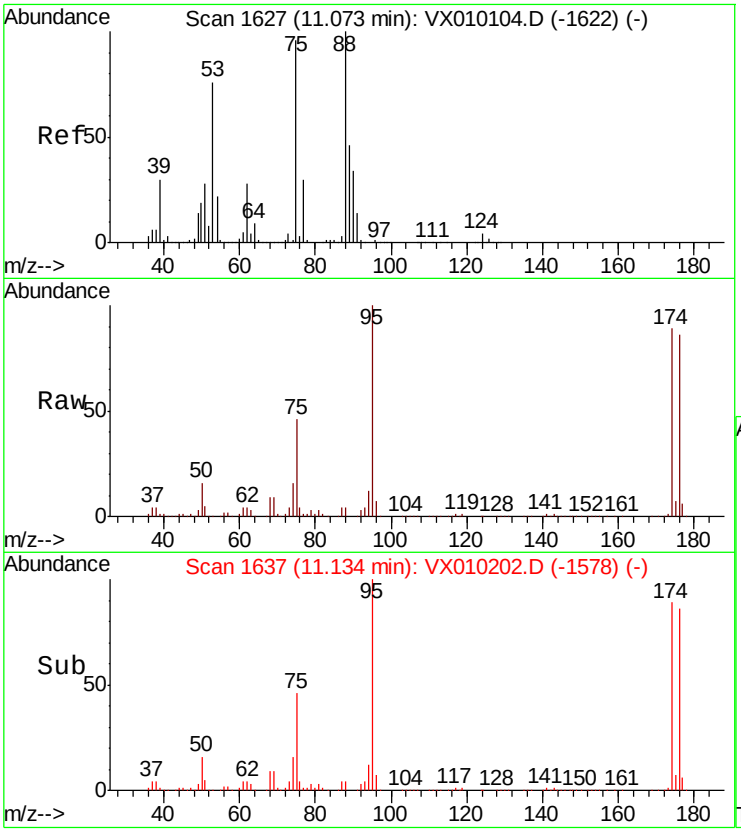


#76
1,2,3-Trichloropropane
Concen: 21.675 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX010202.D
Acq: 11 Jun 2019 01:53

Tgt Ion: 75 Resp: 74029

Ion	Ratio	Lower	Upper
75	100		
77	1.3	22.1	66.1#





#81
trans-1,4-Dichloro-2-butene
Concen: 47.889 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX010202.D
Acq: 11 Jun 2019 01:53

Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20190605

Tgt Ion: 75 Resp: 74029

Ion	Ratio	Lower	Upper
75	100		
53	0.1	79.8	119.6#
89	0.0	34.2	51.4#