Quantitation Report (QT Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX042818\
Data File : VX001221.D
Acq On : 28 Apr 2018 18:30
Operator : JC/MD
Sample : J2547-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : WP022MW359-180423

Quant Time: Apr 30 04:56:51 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 27 01:51:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	171999	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	234918	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	214782	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	129598	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.08	65	128700	48.27	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.54%				
35) Dibromofluoromethane	5.51	113	101919	52.42	ug/l		0.00
Spiked Amount 50.000			Recovery = 104.84%				
50) Toluene-d8	8.72	98	390629	53.23	ug/l		0.00
Spiked Amount 50.000			Recovery = 106.46%				
62) 4-Bromofluorobenzene	11.14	95	137334	47.91	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.82%				
Target Compounds							Qvalue
4) Vinyl Chloride	1.40	62	77499	38.67	ug/l		98
10) Methyl Iodide	2.52	142	3111	8.67	ug/l		93
11) Tert butyl alcohol	3.08	59	2440	4.64	ug/l	#	88
12) 1,1-Dichloroethene	2.38	96	412	0.24	ug/l	#	58
16) Acetone	2.45	43	6527	5.95	ug/l		93
21) trans-1,2-Dichloroethene	3.17	96	3185	1.66	ug/l		97
24) 1,1-Dichloroethane	3.70	63	8765	2.63	ug/l		98
27) cis-1,2-Dichloroethene	4.61	96	111597	53.01	ug/l		89
40) Benzene	6.15	78	34782	4.64	ug/l		100
42) 1,2-Dichloroethane	6.20	62	3213	1.06	ug/l		93
44) Trichloroethene	7.21	130	521	0.23	ug/l		96
52) Toluene	8.79	92	3827	0.78	ug/l		98
65) Chlorobenzene	10.15	112	801645	142.46	ug/l		99
79) 2-Chlorotoluene	11.43	91	1179	0.20	ug/l		83
87) 1,3-Dichlorobenzene	12.03	146	14131	3.14	ug/l		95
88) 1,4-Dichlorobenzene	12.10	146	31901	6.81	ug/l		95
91) 1,2-Dichlorobenzene	12.40	146	30963	6.81	ug/l		99

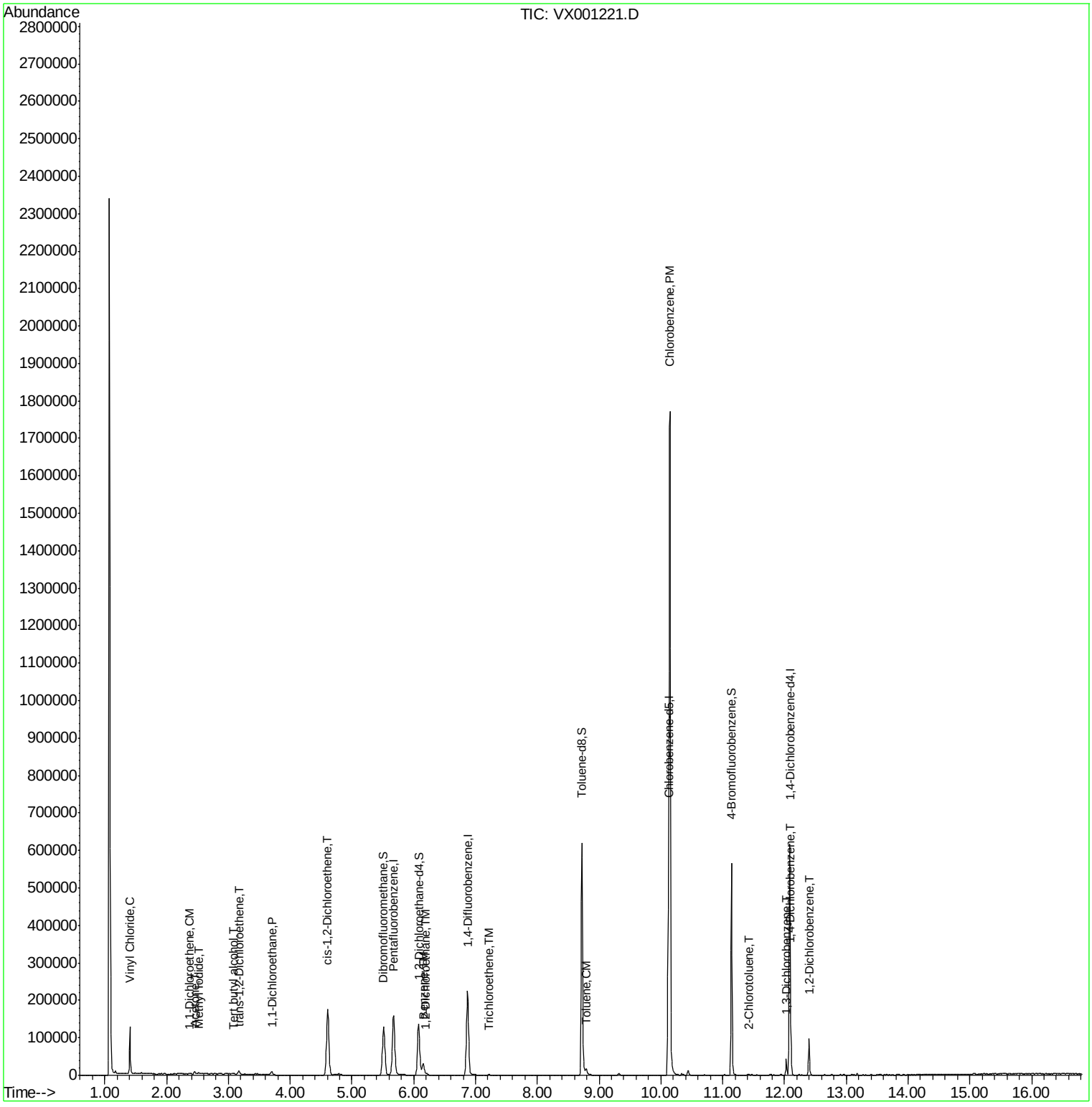
(#) = qualifier out of range (m) = manual integration (+) = signals summed

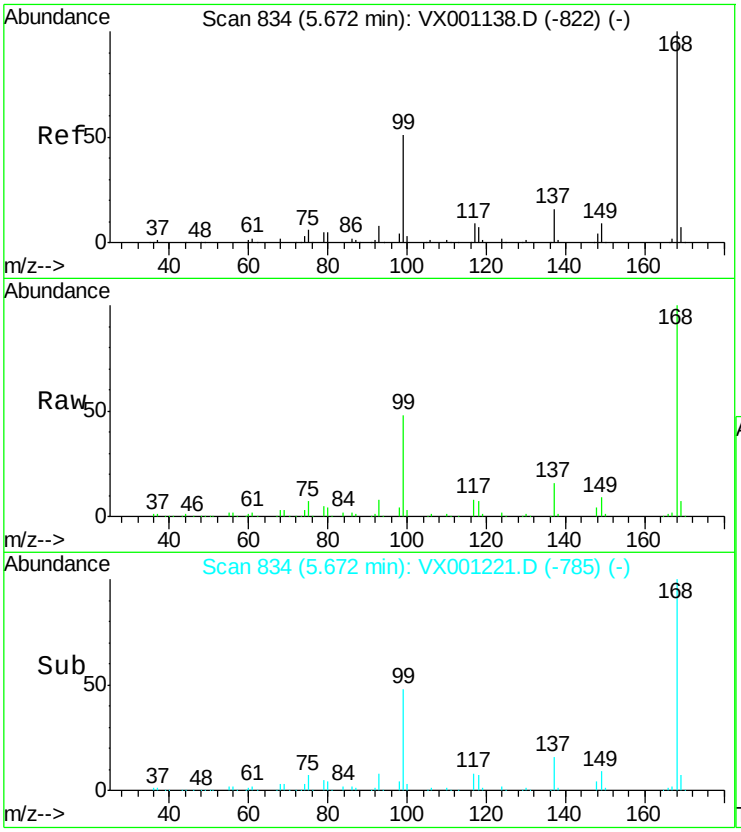
Quantitation Report (QT Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX042818\
Data File : VX001221.D
Acq On : 28 Apr 2018 18:30
Operator : JC/MD
Sample : J2547-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-180423

Quant Time: Apr 30 04:56:51 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 27 01:51:42 2018
Response via : Initial Calibration



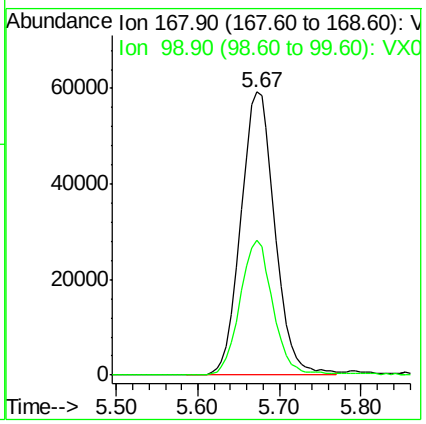


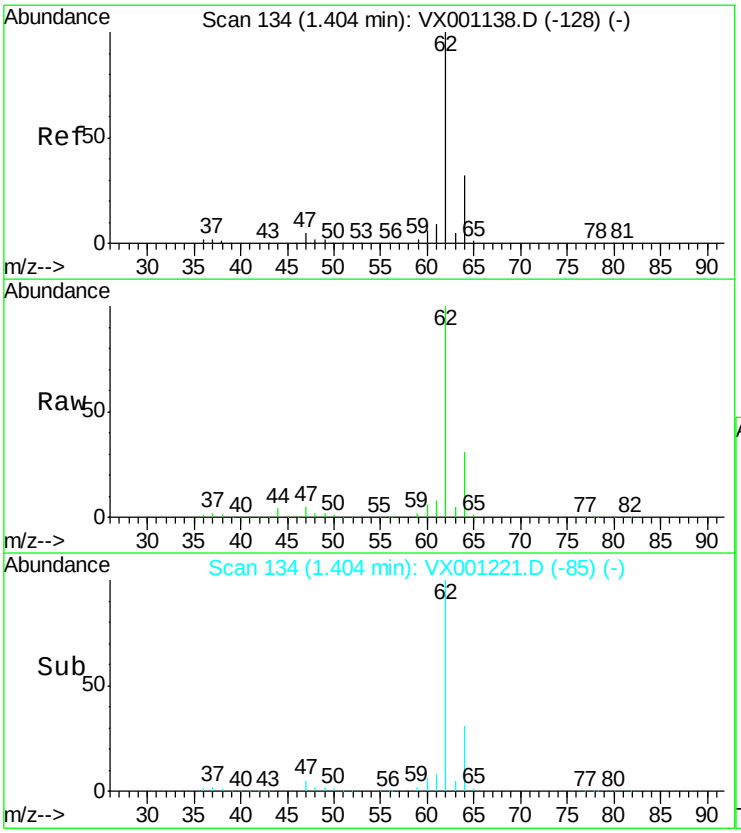
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.00 min
Lab File: VX001221.D
Acq: 28 Apr 2018 18:30

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-180423

Tgt Ion:168 Resp: 171999

Ion	Ratio	Lower	Upper
168	100		
99	47.8	40.6	60.8

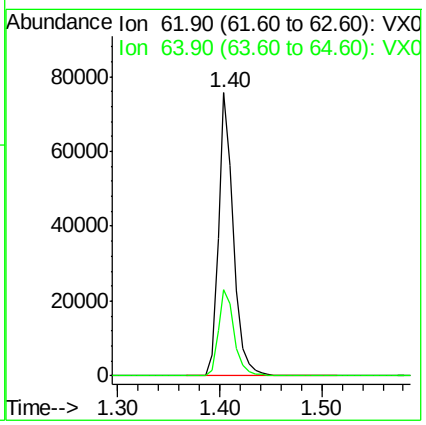


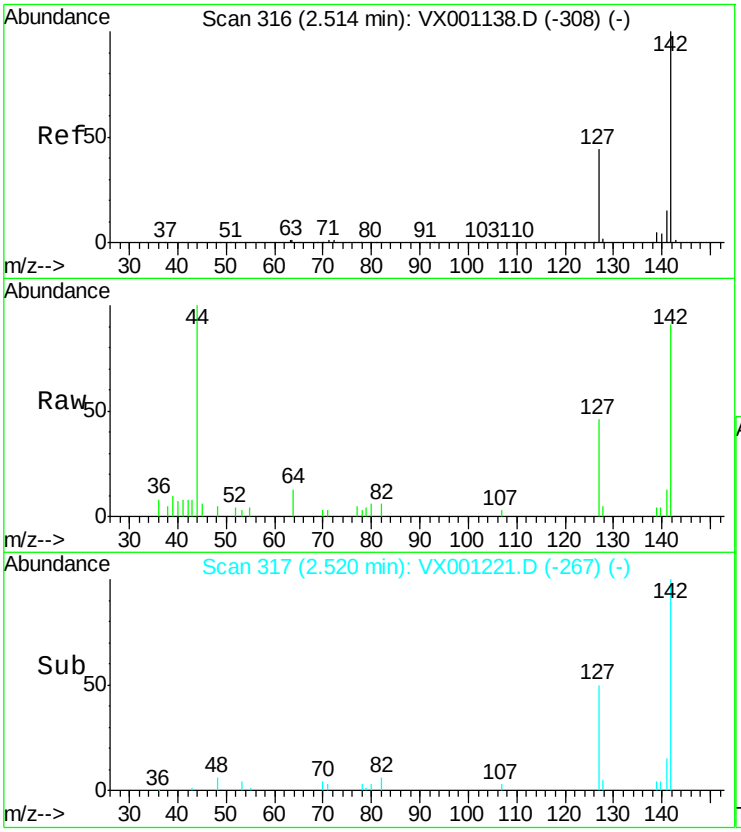


#4
Vinyl Chloride
Concen: 38.67 ug/l
RT: 1.40 min Scan# 134
Delta R.T. 0.00 min
Lab File: VX001221.D
Acq: 28 Apr 2018 18:30

Tgt Ion: 62 Resp: 77499

Ion	Ratio	Lower	Upper
62	100		
64	30.6	25.6	38.4



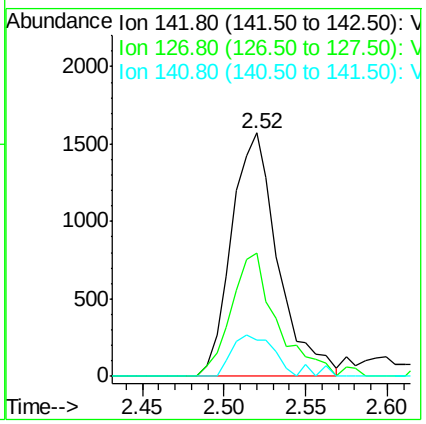


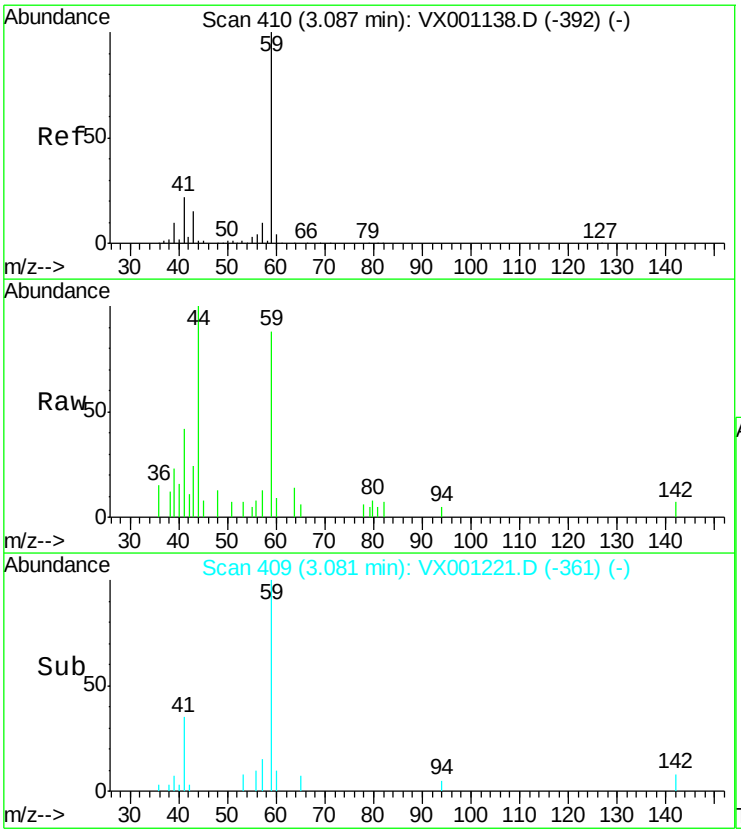
#10
Methyl Iodide
Concen: 8.67 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX001221.D
Acq: 28 Apr 2018 18:30

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-180423

Tgt Ion:142 Resp: 3111

Ion	Ratio	Lower	Upper
142	100		
127	49.5	34.7	52.1
141	15.1	11.6	17.4

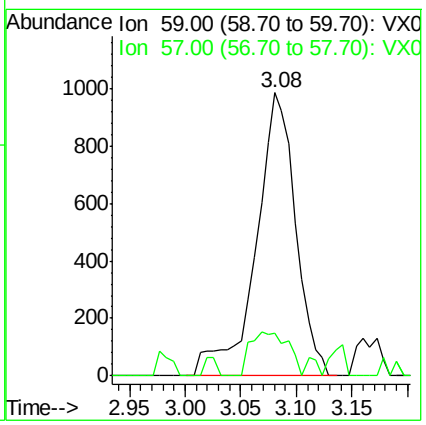


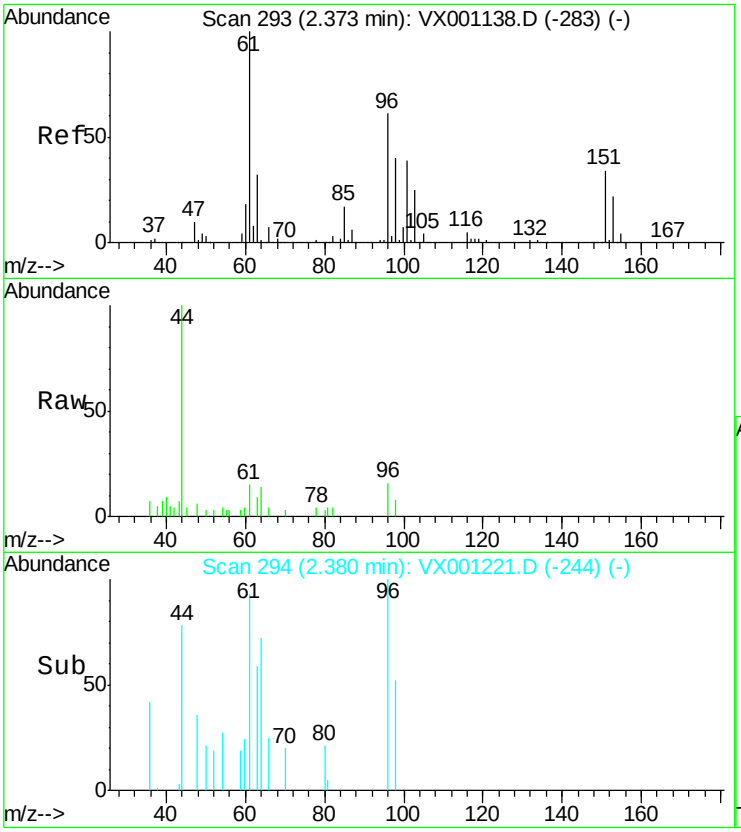


#11
Tert butyl alcohol
Concen: 4.64 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.01 min
Lab File: VX001221.D
Acq: 28 Apr 2018 18:30

Tgt Ion: 59 Resp: 2440

Ion	Ratio	Lower	Upper
59	100		
57	14.9	8.2	12.4#



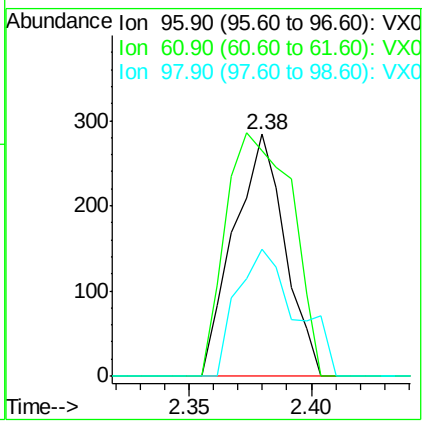


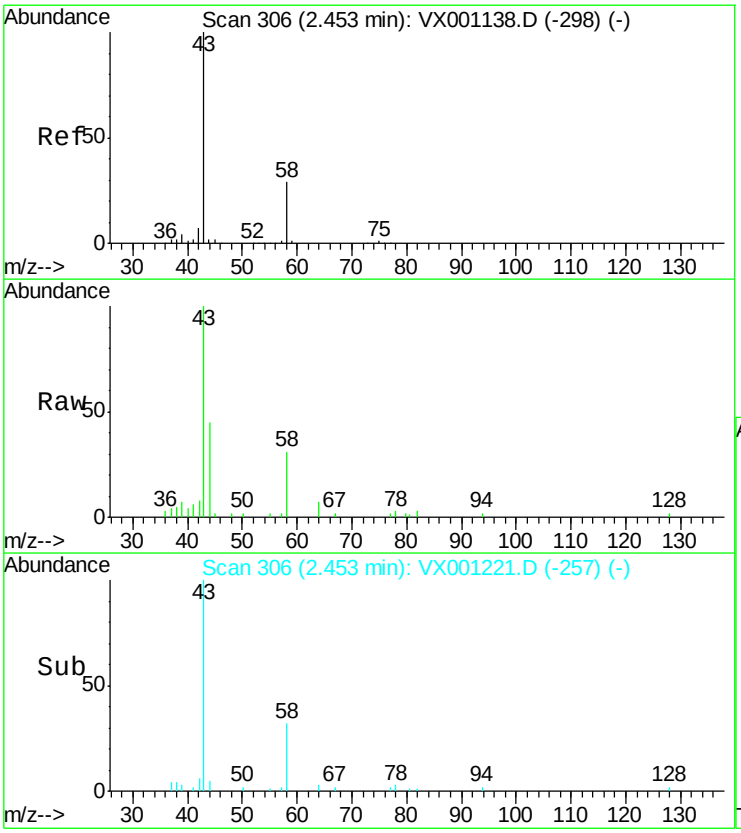
#12
1,1-Dichloroethene
Concen: 0.24 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.01 min
Lab File: VX001221.D
Acq: 28 Apr 2018 18:30

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-180423

Tgt Ion: 96 Resp: 412

Ion	Ratio	Lower	Upper
96	100		
61	93.3	130.2	195.4#
98	52.5	51.5	77.3

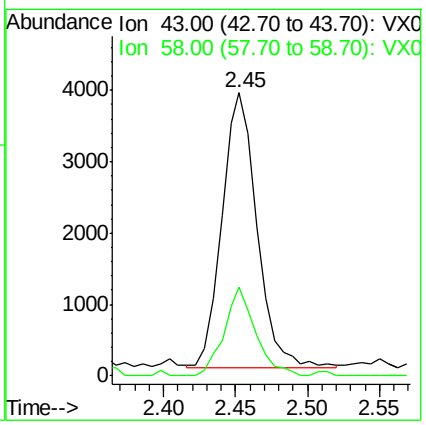


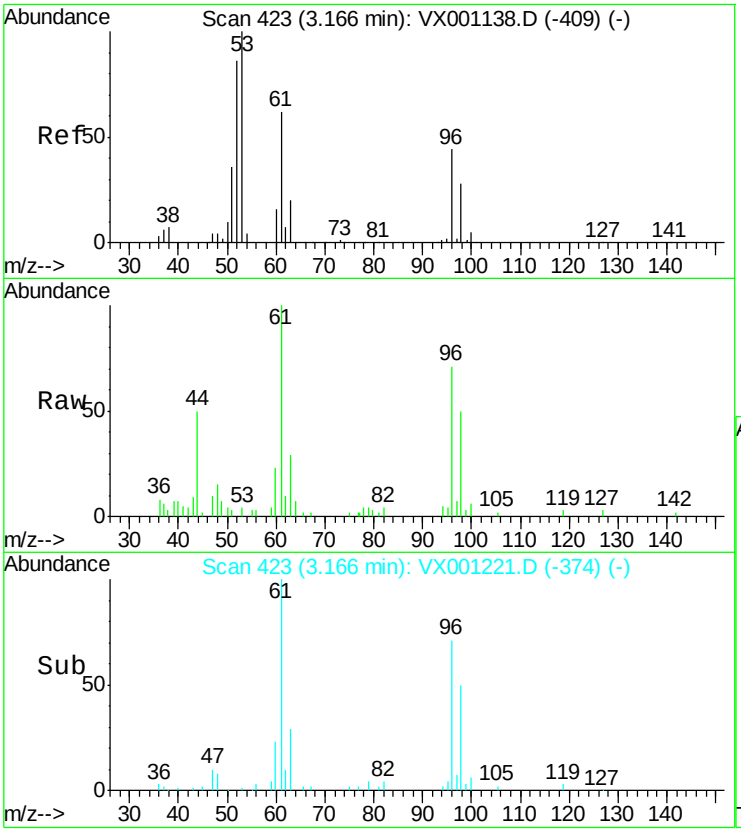


#16
Acetone
Concen: 5.95 ug/l
RT: 2.45 min Scan# 306
Delta R.T. 0.00 min
Lab File: VX001221.D
Acq: 28 Apr 2018 18:30

Tgt Ion: 43 Resp: 6527

Ion	Ratio	Lower	Upper
43	100		
58	32.4	23.0	34.6



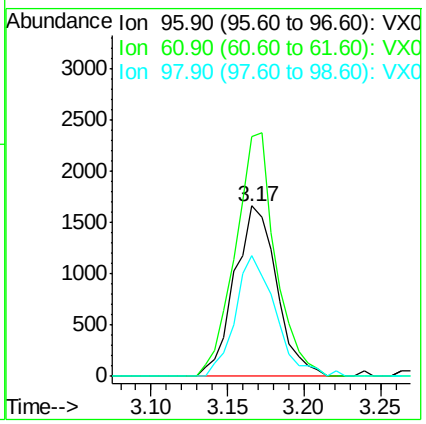


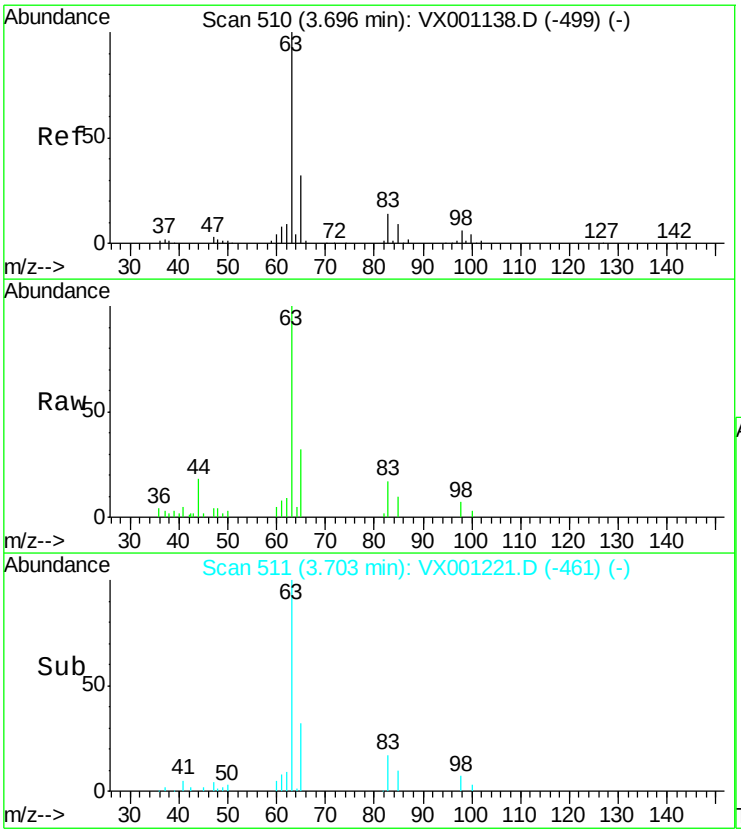
#21
trans-1,2-Dichloroethene
Concen: 1.66 ug/l
RT: 3.17 min Scan# 423
Delta R.T. 0.00 min
Lab File: VX001221.D
Acq: 28 Apr 2018 18:30

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-180423

Tgt Ion: 96 Resp: 3185

Ion	Ratio	Lower	Upper
96	100		
61	140.8	111.9	167.9
98	71.0	51.1	76.7

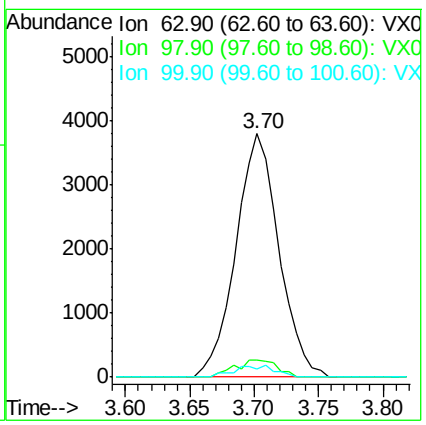


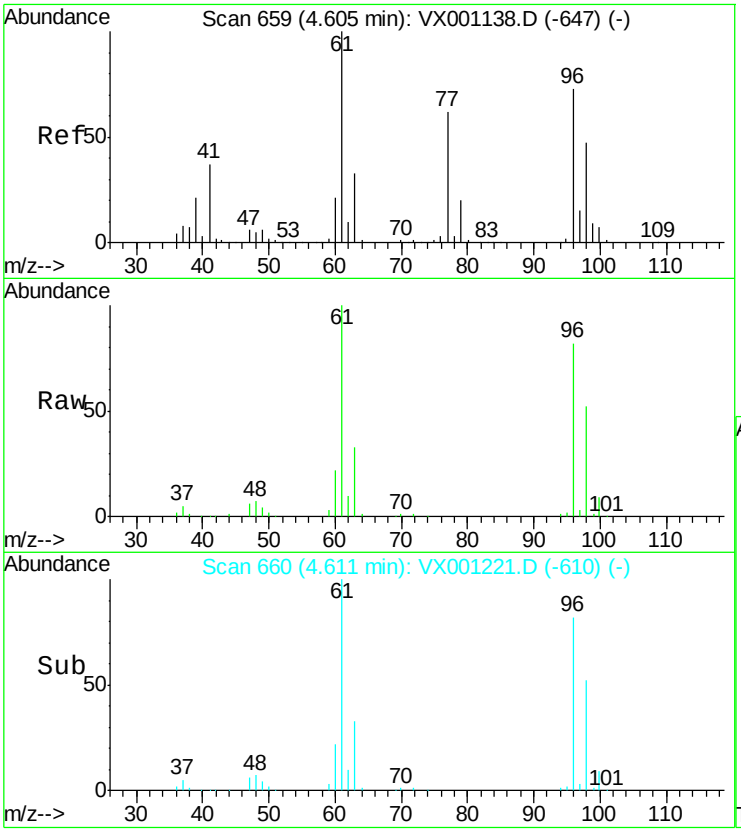


#24
1,1-Dichloroethane
Concen: 2.63 ug/l
RT: 3.70 min Scan# 511
Delta R.T. 0.01 min
Lab File: VX001221.D
Acq: 28 Apr 2018 18:30

Tgt Ion: 63 Resp: 8765

Ion	Ratio	Lower	Upper
63	100		
98	6.8	3.1	9.4
100	3.5	2.1	6.5



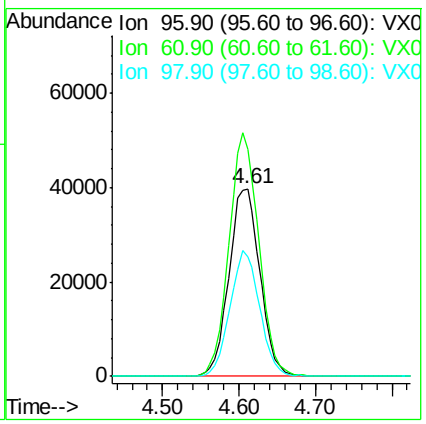


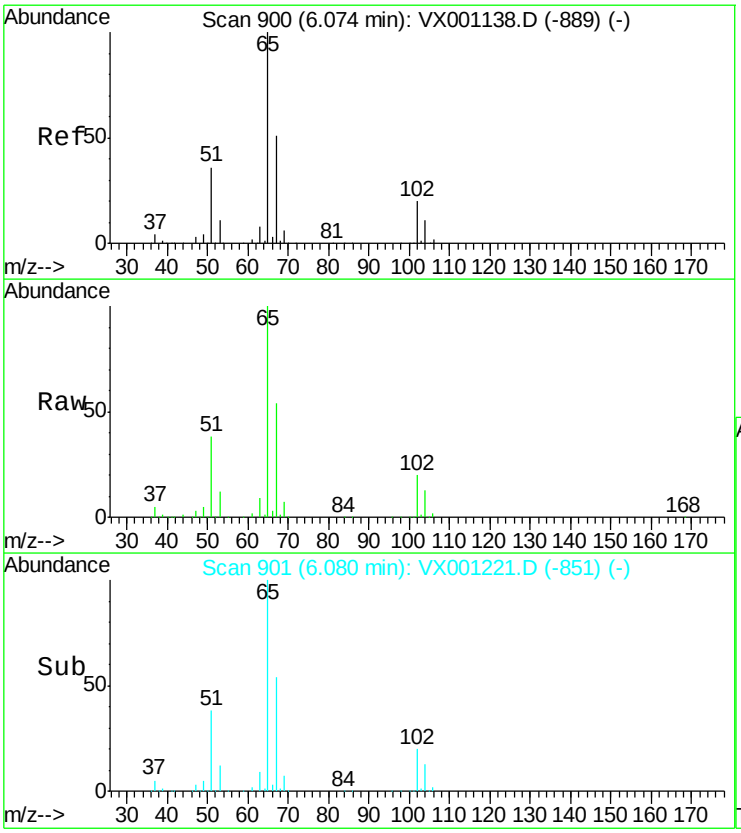
#27
cis-1,2-Dichloroethene
Concen: 53.01 ug/l
RT: 4.61 min Scan# 660
Delta R.T. 0.01 min
Lab File: VX001221.D
Acq: 28 Apr 2018 18:30

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-180423

Tgt Ion: 96 Resp: 111597

Ion	Ratio	Lower	Upper
96	100		
61	124.4	0.0	289.0
98	64.1	0.0	128.2

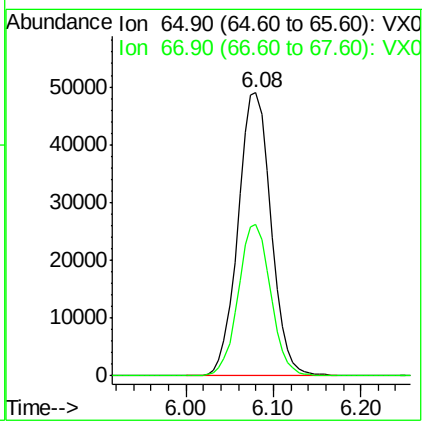


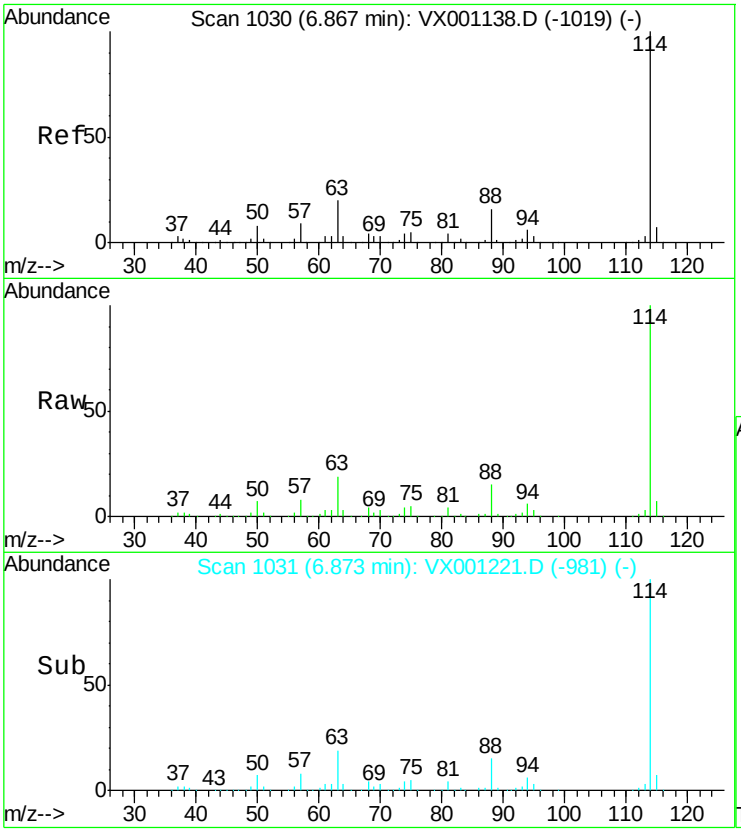


#33
1,2-Dichloroethane-d4
Concen: 48.27 ug/l
RT: 6.08 min Scan# 901
Delta R.T. 0.01 min
Lab File: VX001221.D
Acq: 28 Apr 2018 18:30

Tgt Ion: 65 Resp: 128700

Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	102.2



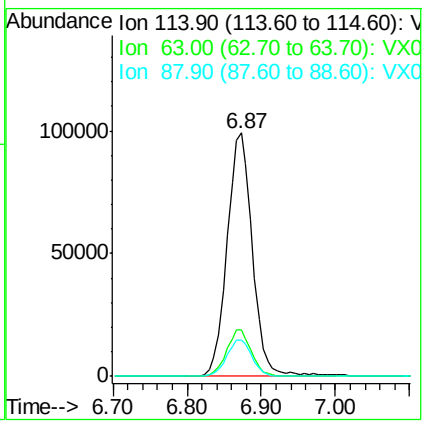


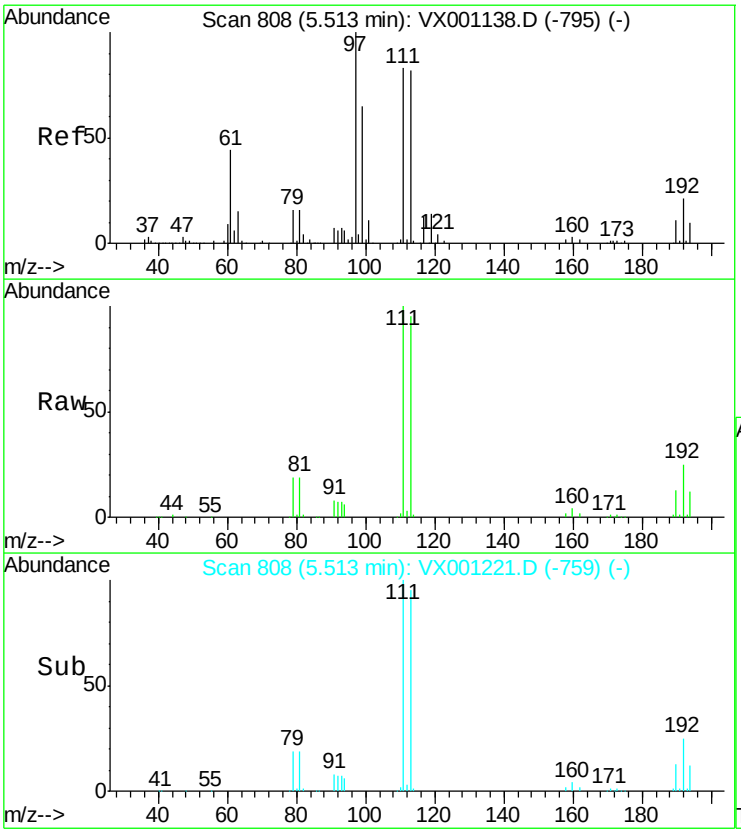
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VX001221.D
Acq: 28 Apr 2018 18:30

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-180423

Tgt Ion:114 Resp: 234918

Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	40.4
88	15.2	0.0	31.8

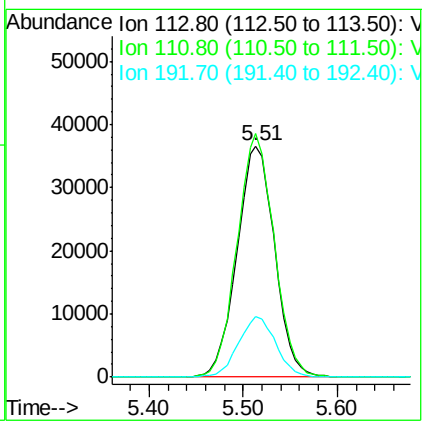


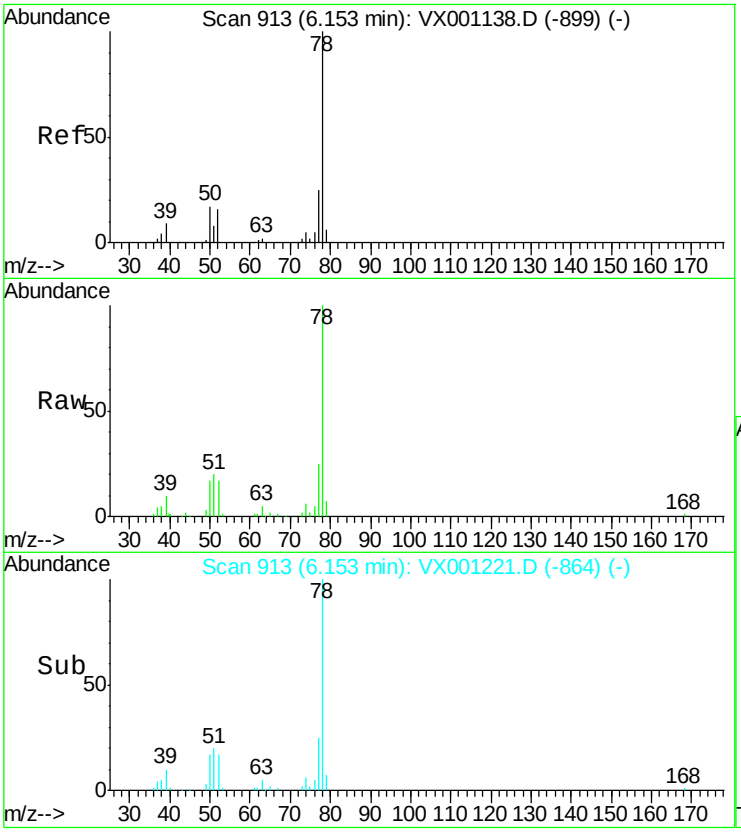


#35
Dibromofluoromethane
Concen: 52.42 ug/l
RT: 5.51 min Scan# 808
Delta R.T. 0.00 min
Lab File: VX001221.D
Acq: 28 Apr 2018 18:30

Tgt Ion:113 Resp: 101919

Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.2	123.4
192	25.9	20.6	30.8



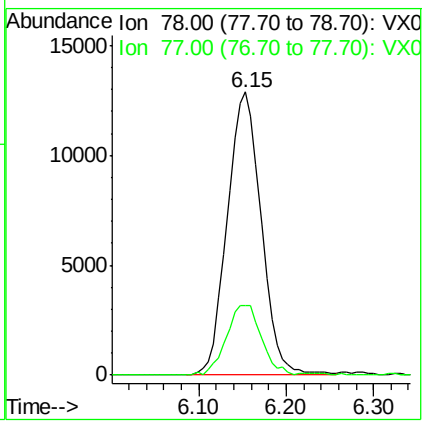


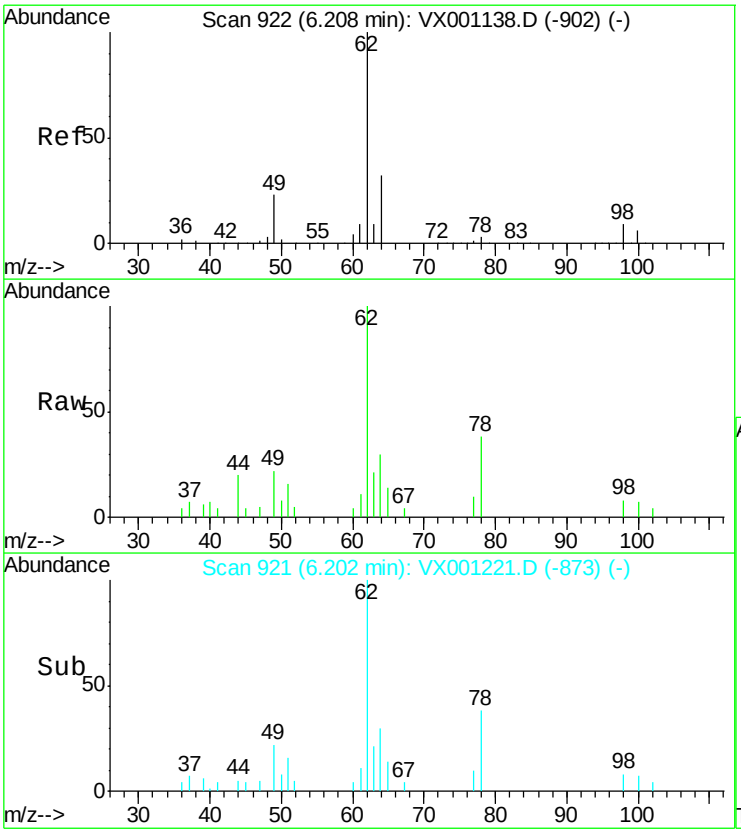
#40
Benzene
Concen: 4.64 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.00 min
Lab File: VX001221.D
Acq: 28 Apr 2018 18:30

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-180423

Tgt Ion: 78 Resp: 34782

Ion	Ratio	Lower	Upper
78	100		
77	24.7	19.7	29.5

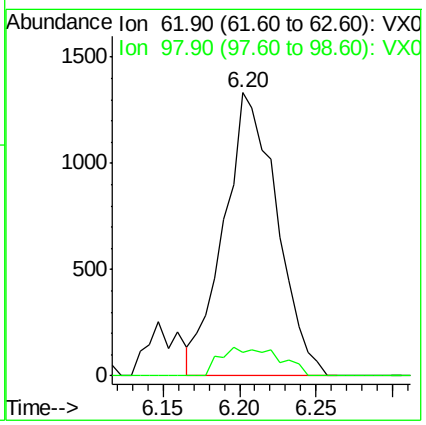


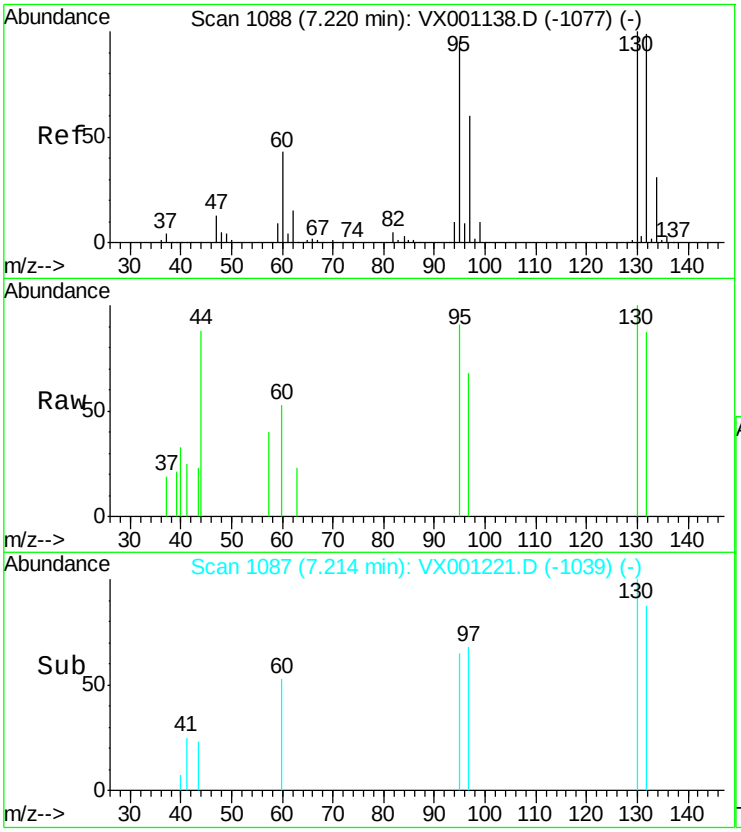


#42
1,2-Dichloroethane
Concen: 1.06 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX001221.D
Acq: 28 Apr 2018 18:30

Tgt Ion: 62 Resp: 3213

Ion	Ratio	Lower	Upper
62	100		
98	11.1	0.0	17.0

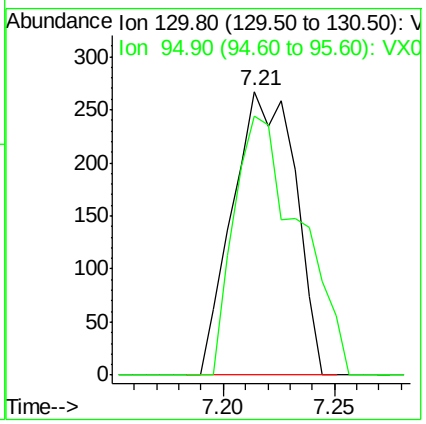




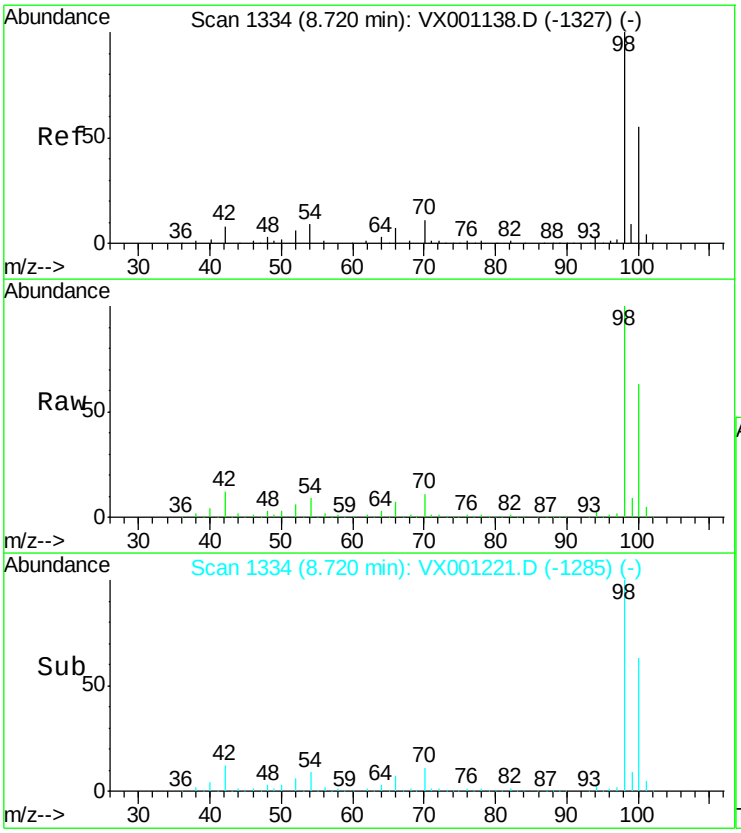
#44
Trichloroethene
Concen: 0.23 ug/l
RT: 7.21 min Scan# 1087
Delta R.T. -0.01 min
Lab File: VX001221.D
Acq: 28 Apr 2018 18:30

Tgt Ion:130 Resp: 521

Ion	Ratio	Lower	Upper
130	100		
95	91.4	0.0	189.6



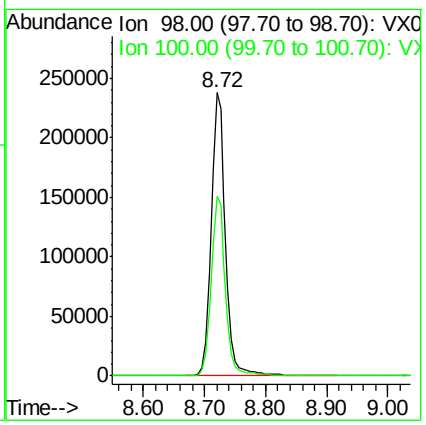
Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-180423

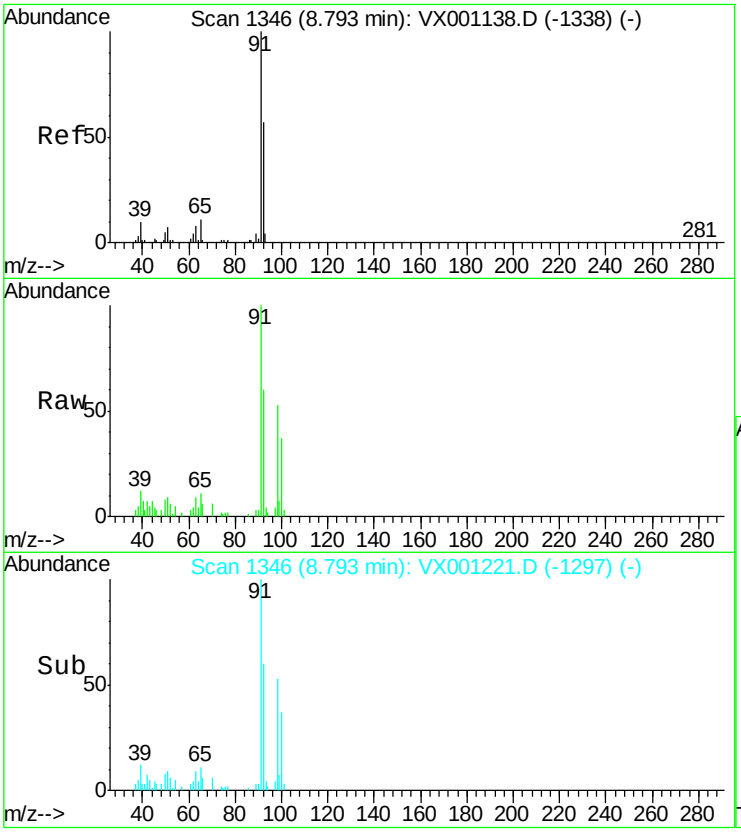


#50
Toluene-d8
Concen: 53.23 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001221.D
Acq: 28 Apr 2018 18:30

Tgt Ion: 98 Resp: 390629

Ion	Ratio	Lower	Upper
98	100		
100	63.6	51.8	77.6



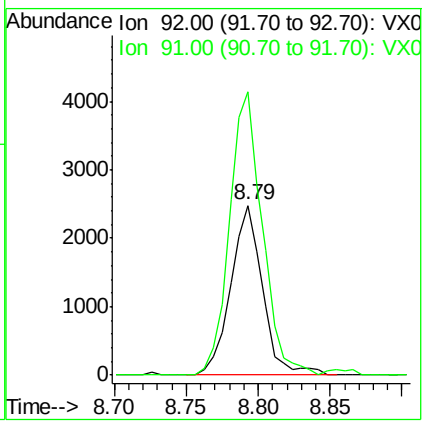


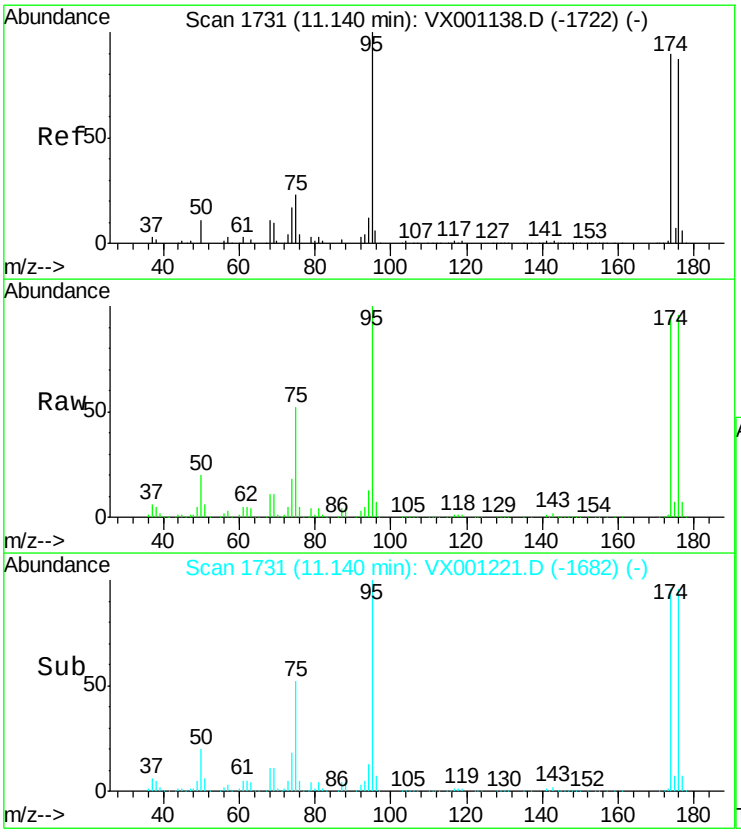
#52
Toluene
Concen: 0.78 ug/l
RT: 8.79 min Scan# 1346
Delta R.T. 0.00 min
Lab File: VX001221.D
Acq: 28 Apr 2018 18:30

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-180423

Tgt Ion: 92 Resp: 3827

Ion	Ratio	Lower	Upper
92	100		
91	171.8	139.8	209.6

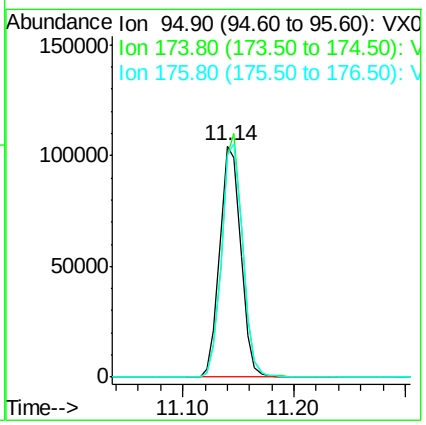


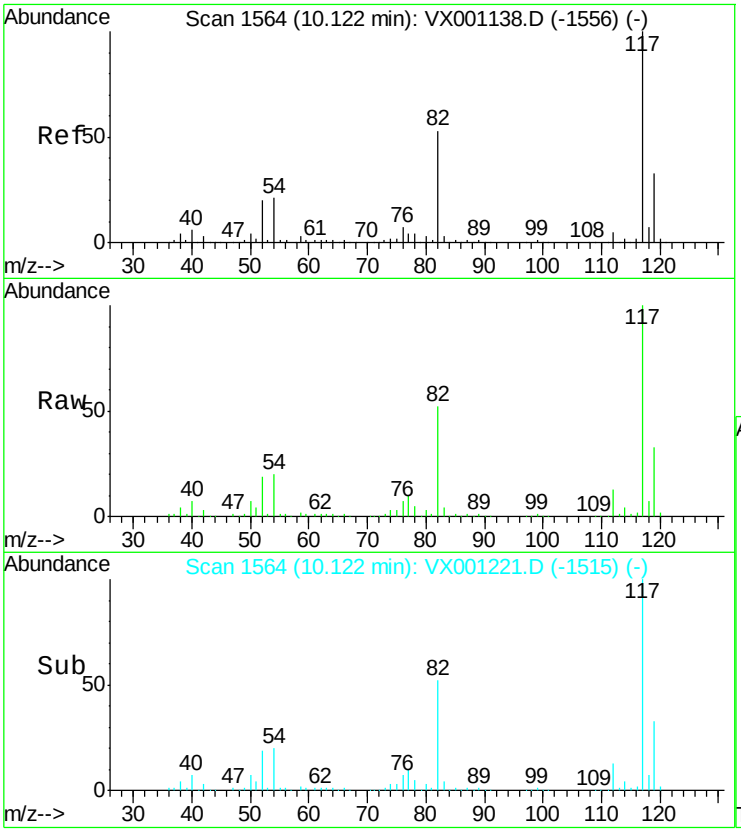


#62
4-Bromofluorobenzene
Concen: 47.91 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001221.D
Acq: 28 Apr 2018 18:30

Tgt Ion: 95 Resp: 137334

Ion	Ratio	Lower	Upper
95	100		
174	102.5	0.0	194.4
176	100.7	0.0	190.2



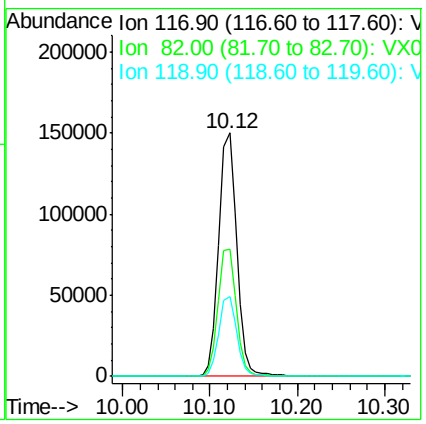


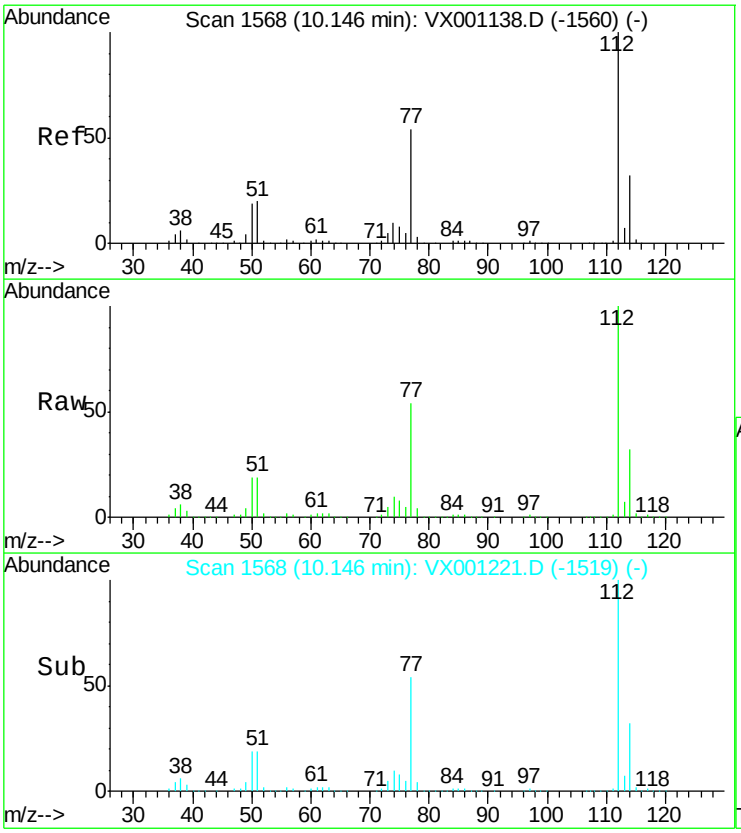
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX001221.D
Acq: 28 Apr 2018 18:30

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-180423

Tgt Ion:117 Resp: 214782

Ion	Ratio	Lower	Upper
117	100		
82	52.5	42.1	63.1
119	32.6	26.1	39.1

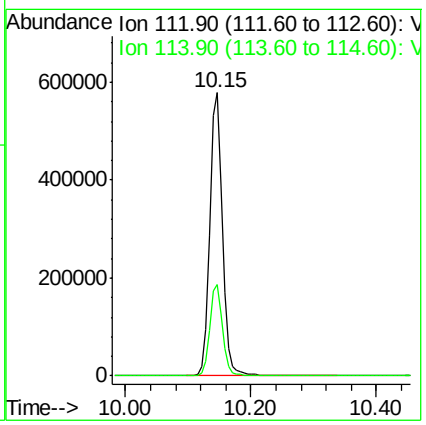


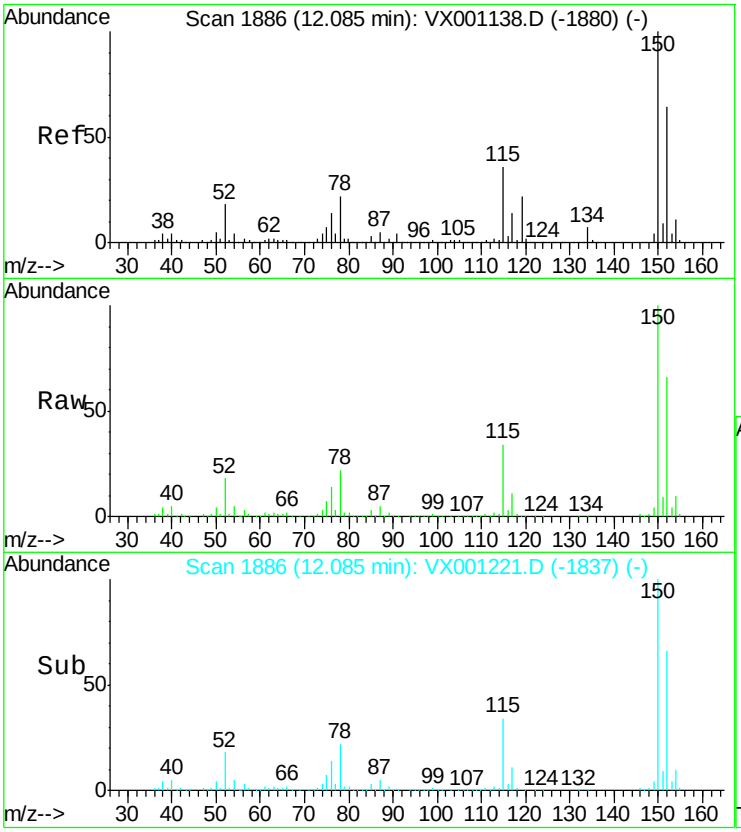


#65
Chlorobenzene
Concen: 142.46 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX001221.D
Acq: 28 Apr 2018 18:30

Tgt Ion:112 Resp: 801645

Ion	Ratio	Lower	Upper
112	100		
114	32.4	25.7	38.5



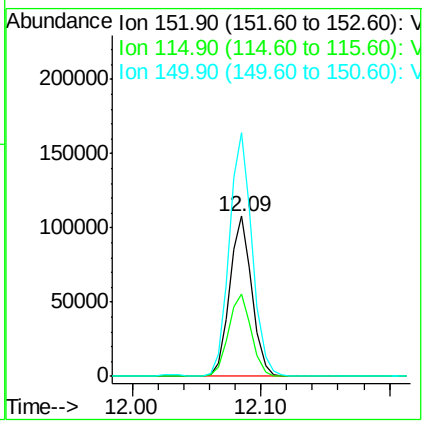


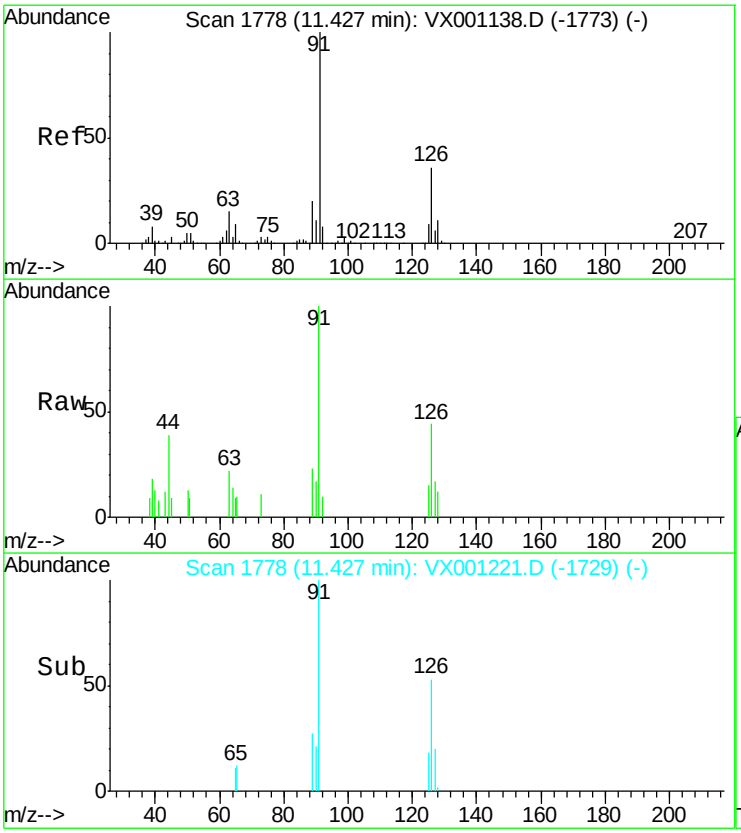
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001221.D
Acq: 28 Apr 2018 18:30

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-180423

Tgt Ion:152 Resp: 129598

Ion	Ratio	Lower	Upper
152	100		
115	52.8	38.0	114.0
150	157.1	0.0	349.6

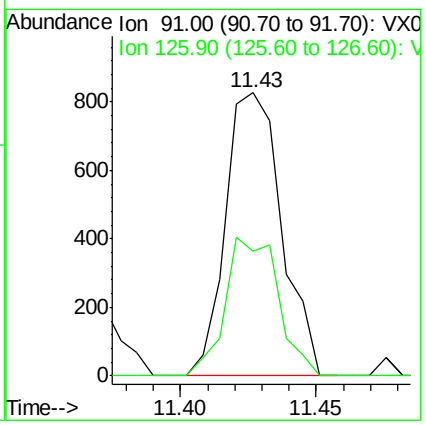


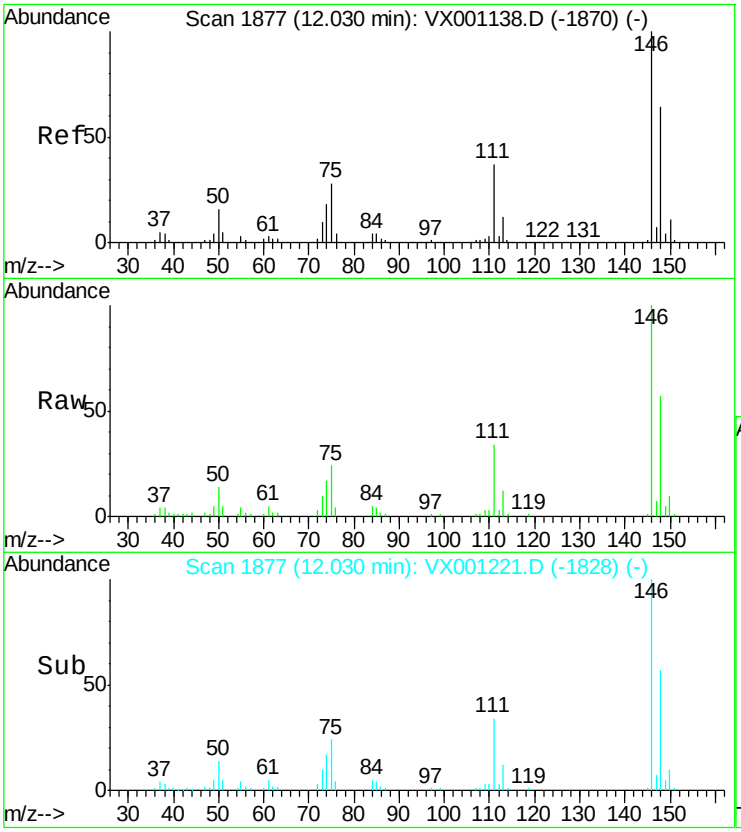


#79
2-Chlorotoluene
Concen: 0.20 ug/l
RT: 11.43 min Scan# 1778
Delta R.T. 0.00 min
Lab File: VX001221.D
Acq: 28 Apr 2018 18:30

Tgt Ion: 91 Resp: 1179

Ion	Ratio	Lower	Upper
91	100		
126	46.2	18.2	54.6



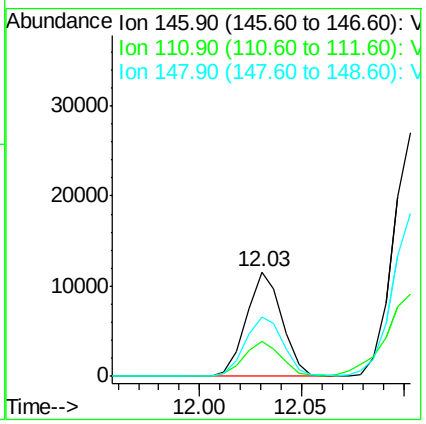


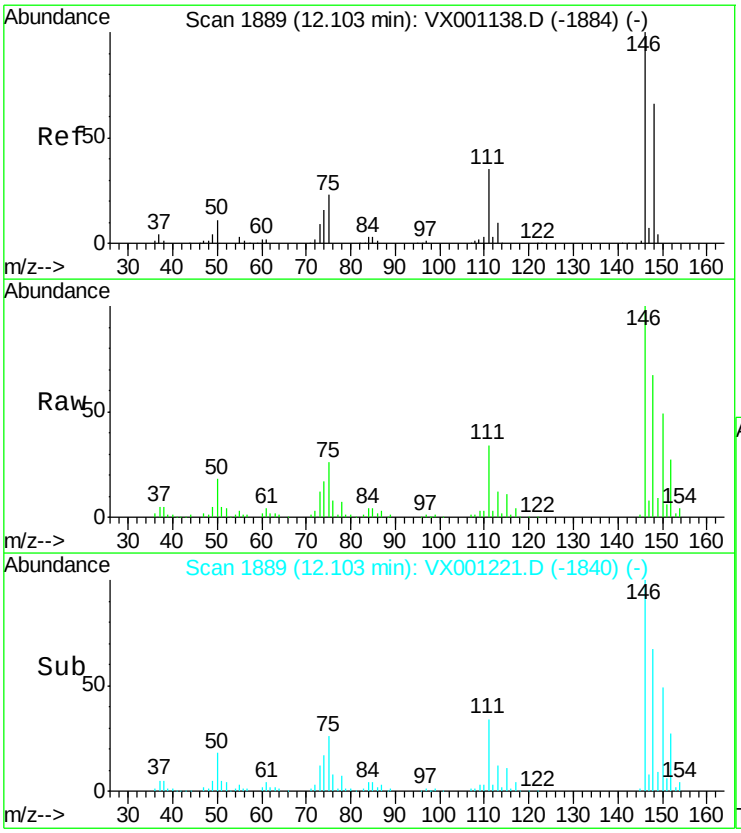
#87
1,3-Dichlorobenzene
Concen: 3.14 ug/l
RT: 12.03 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX001221.D
Acq: 28 Apr 2018 18:30

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-180423

Tgt Ion:146 Resp: 14131

Ion	Ratio	Lower	Upper
146	100		
111	34.6	18.6	56.0
148	60.7	32.3	96.8

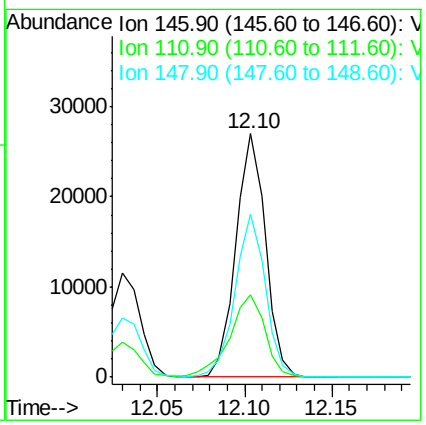


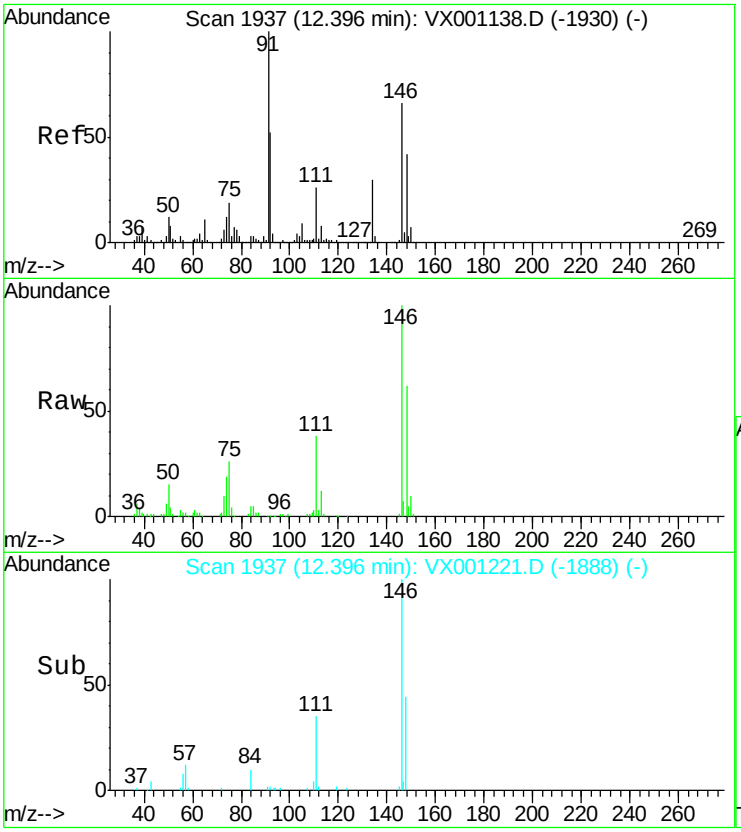


#88
1,4-Dichlorobenzene
Concen: 6.81 ug/l
RT: 12.10 min Scan# 1889
Delta R.T. 0.00 min
Lab File: VX001221.D
Acq: 28 Apr 2018 18:30

Tgt Ion:146 Resp: 31901

Ion	Ratio	Lower	Upper
146	100		
111	40.7	18.0	54.0
148	68.2	32.5	97.5





#91
1,2-Dichlorobenzene
Concen: 6.81 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX001221.D
Acq: 28 Apr 2018 18:30

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-180423

Tgt Ion:146 Resp: 30963

Ion	Ratio	Lower	Upper
146	100		
111	37.9	19.1	57.3
148	65.7	32.2	96.6