Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061219\
Data File : VX010257.D
Acq On : 12 Jun 2019 17:44
Operator : JC/SP
Sample : K3309-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : LF001MW002-190610

Quant Time: Jun 13 03:31:20 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	330432	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	505508	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	453061	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	216459	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.06	65	150252	46.58	ug/l		0.00
Spiked Amount 50.000			Recovery = 93.16%				
35) Dibromofluoromethane	5.50	113	153835	49.34	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.68%				
50) Toluene-d8	8.71	98	589041	50.41	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.82%				
62) 4-Bromofluorobenzene	11.13	95	201785	46.24	ug/l		0.00
Spiked Amount 50.000			Recovery = 92.48%				
Target Compounds							Qvalue
4) Vinyl Chloride	1.41	62	380006	133.903	ug/l		97
11) Tert butyl alcohol	3.02	59	7078	8.958	ug/l	#	79
12) 1,1-Dichloroethene	2.37	96	1361	0.459	ug/l	#	65
16) Acetone	2.44	43	3054	2.013	ug/l	#	85
21) trans-1,2-Dichloroethene	3.17	96	1152	0.351	ug/l	#	70
27) cis-1,2-Dichloroethene	4.60	96	53090	14.529	ug/l		70
40) Benzene	6.15	78	20376	1.598	ug/l		99
45) 1,2-Dichloropropane	7.51	63	3922	1.229	ug/l		100
52) Toluene	8.79	92	21865	2.608	ug/l		99
65) Chlorobenzene	10.14	112	98021	10.483	ug/l		97
68) m/p-Xylenes	10.36	106	3872	0.629	ug/l		92
84) 1,2,4-Trimethylbenzene	11.80	105	4072	0.317	ug/l		97
87) 1,3-Dichlorobenzene	12.02	146	2272	0.310	ug/l		95
88) 1,4-Dichlorobenzene	12.10	146	38760	5.253	ug/l		98
91) 1,2-Dichlorobenzene	12.39	146	25803	3.626	ug/l		97
95) Naphthalene	13.83	128	7943	0.484	ug/l	#	95

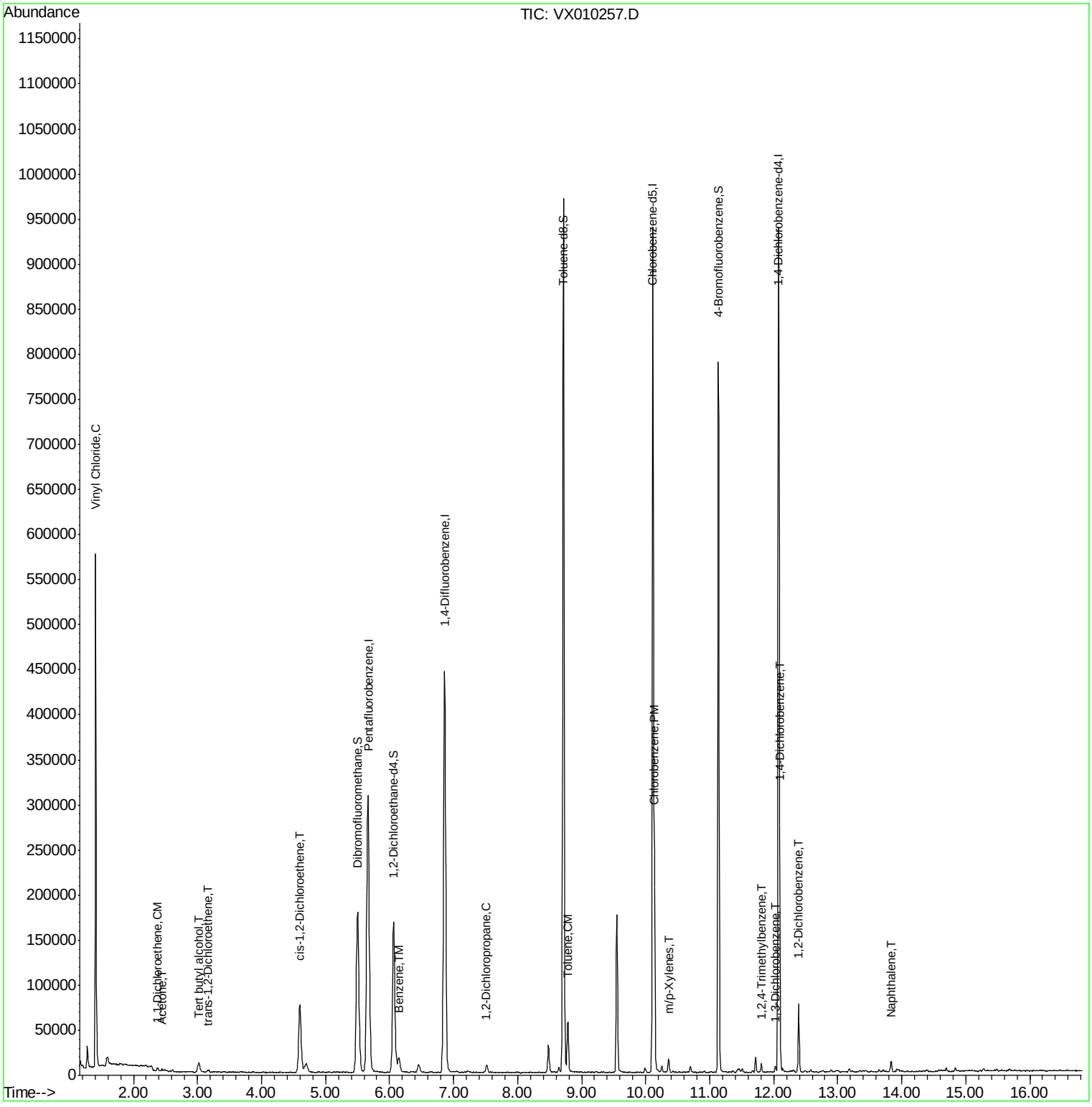
(#) = qualifier out of range (m) = manual integration (+) = signals summed

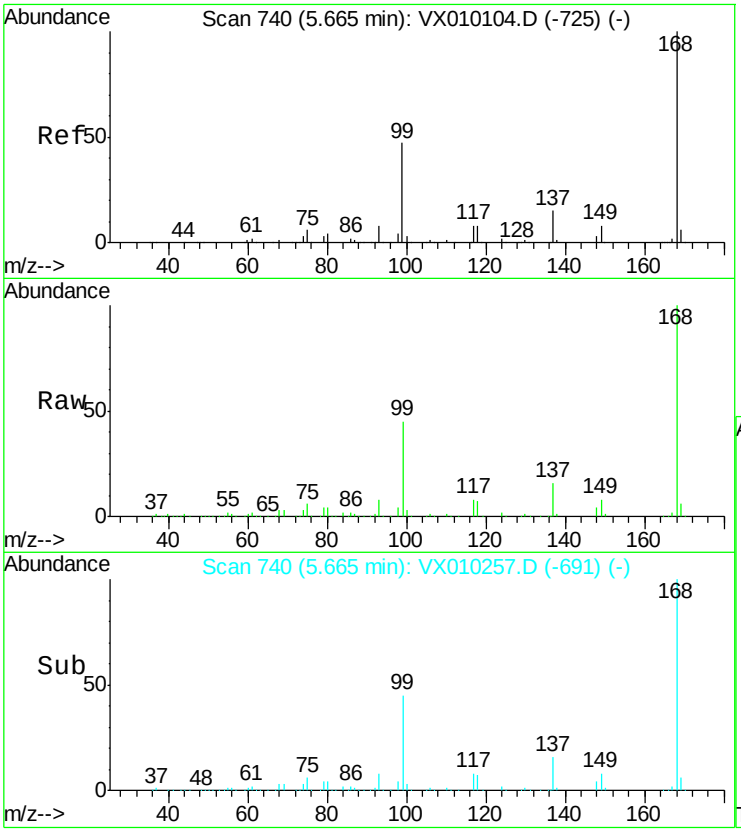
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061219\
Data File : VX010257.D
Acq On : 12 Jun 2019 17:44
Operator : JC/SP
Sample : K3309-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
LF001MW002-190610

Quant Time: Jun 13 03:31:20 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



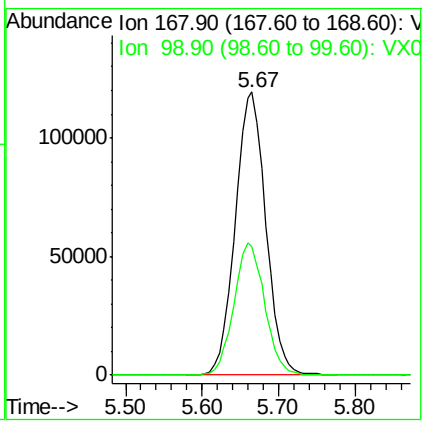


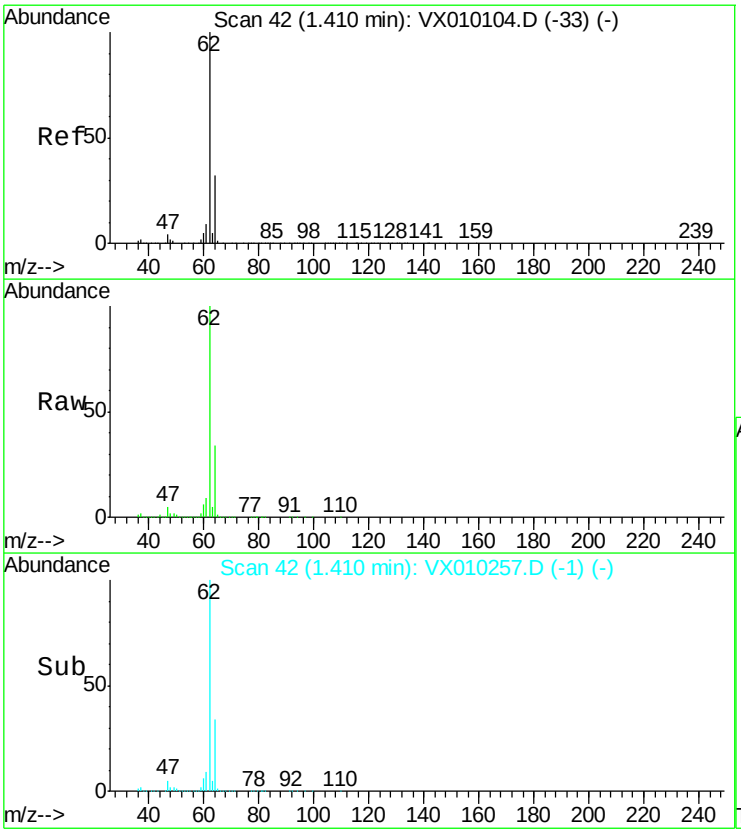
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.00 min
Lab File: VX010257.D
Acq: 12 Jun 2019 17:44

Instrument :
MSVOA_X
ClientSampleId :
LF001MW002-190610

Tgt Ion:168 Resp: 330432

Ion	Ratio	Lower	Upper
168	100		
99	45.1	43.0	64.6

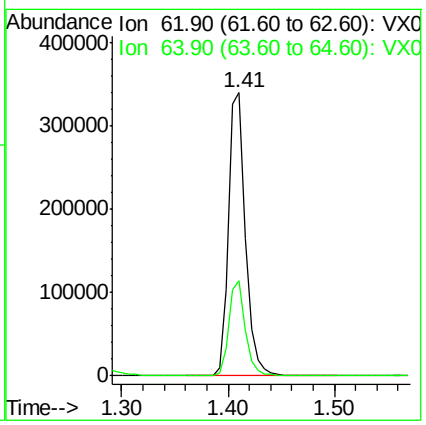


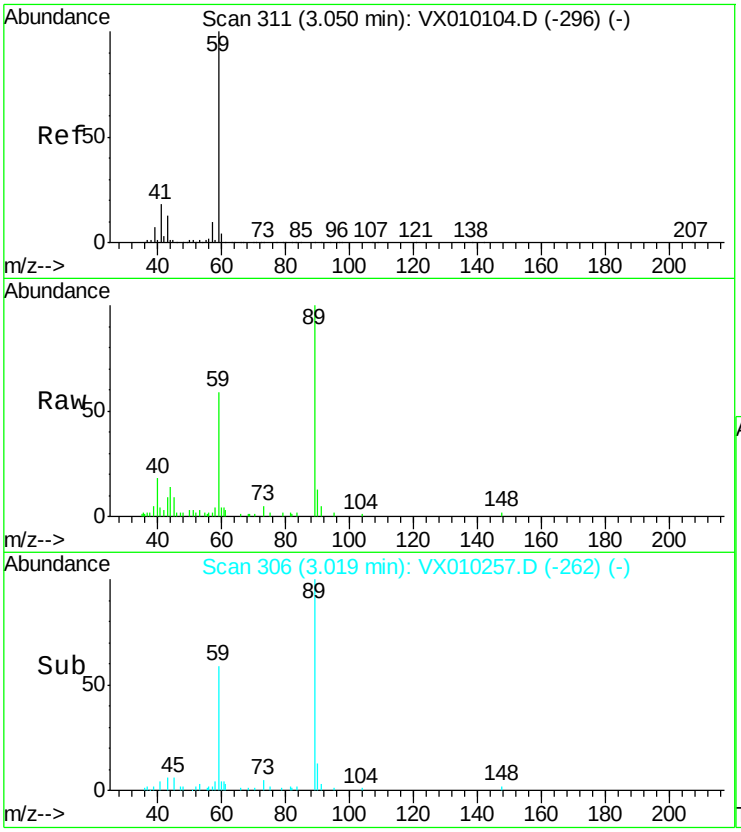


#4
Vinyl Chloride
Concen: 133.903 ug/l
RT: 1.41 min Scan# 42
Delta R.T. -0.00 min
Lab File: VX010257.D
Acq: 12 Jun 2019 17:44

Tgt Ion: 62 Resp: 380006

Ion	Ratio	Lower	Upper
62	100		
64	33.7	25.7	38.5



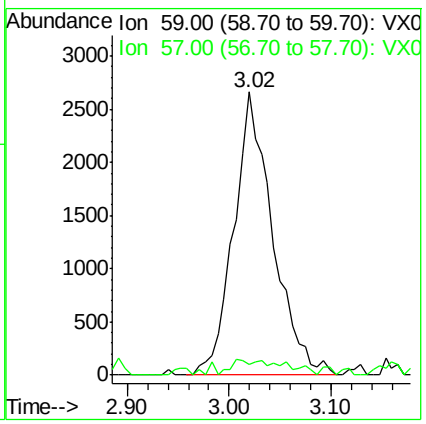


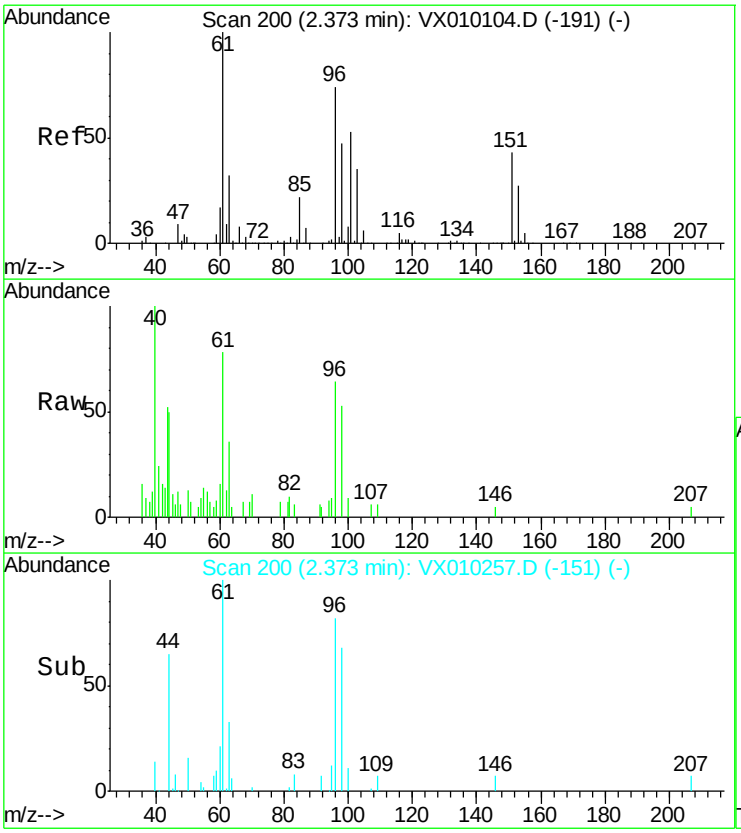
#11
Tert butyl alcohol
Concen: 8.958 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.03 min
Lab File: VX010257.D
Acq: 12 Jun 2019 17:44

Instrument :
MSVOA_X
ClientSampleId :
LF001MW002-190610

Tgt Ion: 59 Resp: 7078

Ion	Ratio	Lower	Upper
59	100		
57	2.5	8.2	12.2#

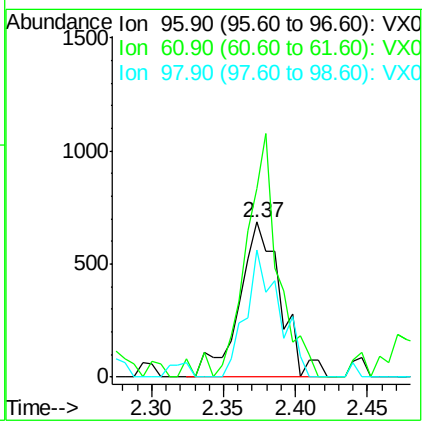


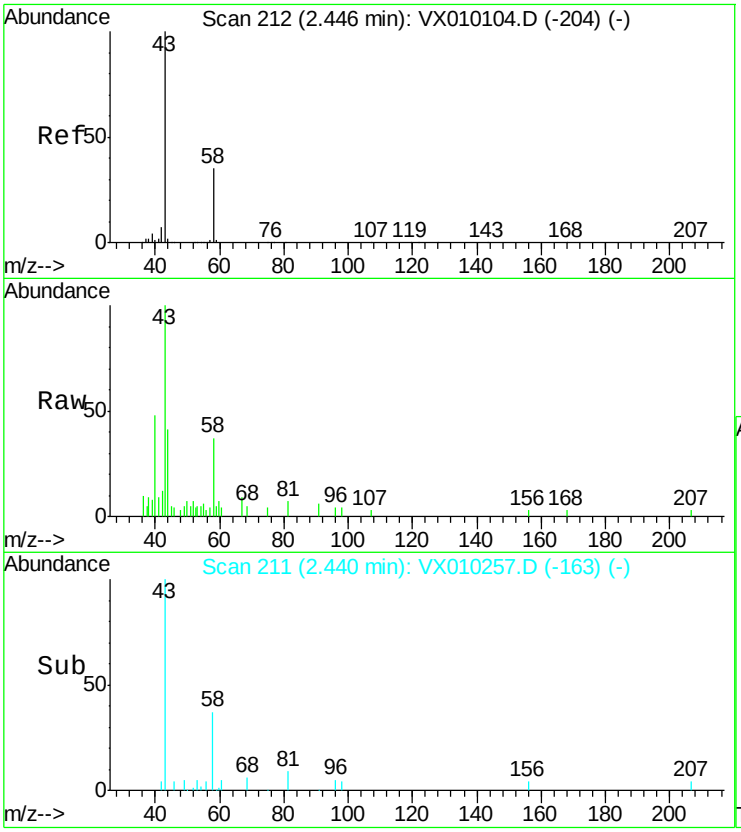


#12
1,1-Dichloroethene
Concen: 0.459 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX010257.D
Acq: 12 Jun 2019 17:44

Tgt Ion: 96 Resp: 1361

Ion	Ratio	Lower	Upper
96	100		
61	121.5	140.7	211.1#
98	82.3	50.1	75.1#



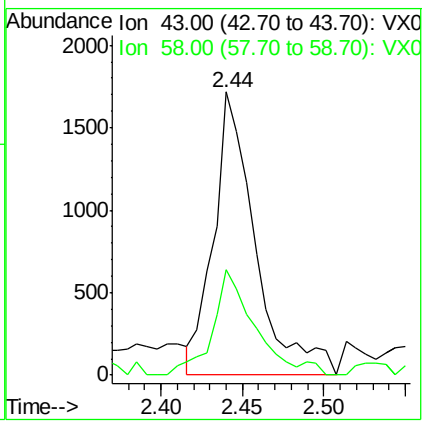


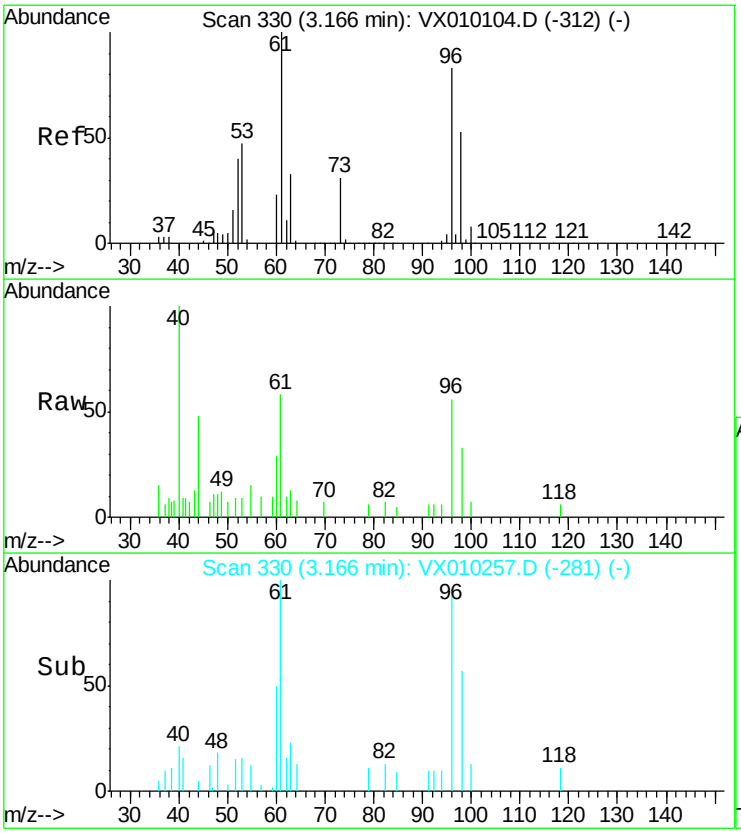
#16
Acetone
Concen: 2.013 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX010257.D
Acq: 12 Jun 2019 17:44

Instrument :
MSVOA_X
ClientSampleId :
LF001MW002-190610

Tgt Ion: 43 Resp: 3054

Ion	Ratio	Lower	Upper
43	100		
58	37.1	23.2	34.8#

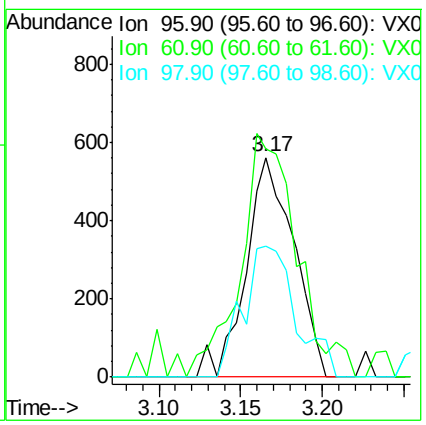


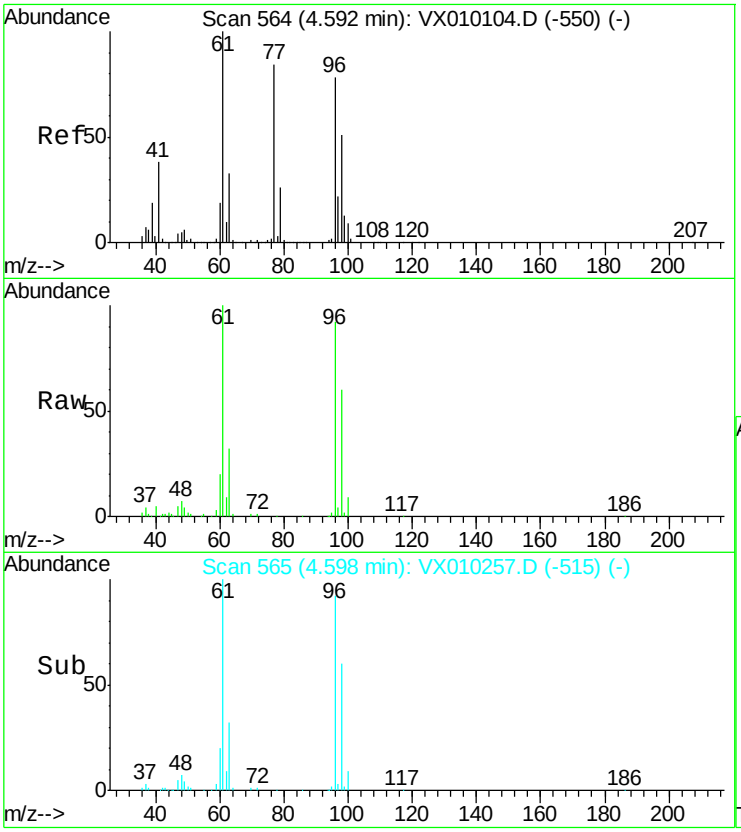


#21
trans-1,2-Dichloroethene
Concen: 0.351 ug/l
RT: 3.17 min Scan# 330
Delta R.T. -0.00 min
Lab File: VX010257.D
Acq: 12 Jun 2019 17:44

Tgt Ion: 96 Resp: 1152

Ion	Ratio	Lower	Upper
96	100		
61	104.1	125.7	188.5#
98	59.7	49.0	73.6



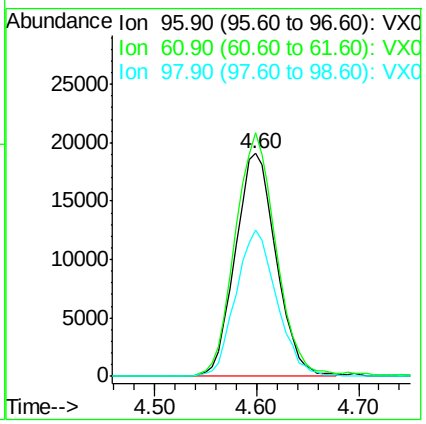


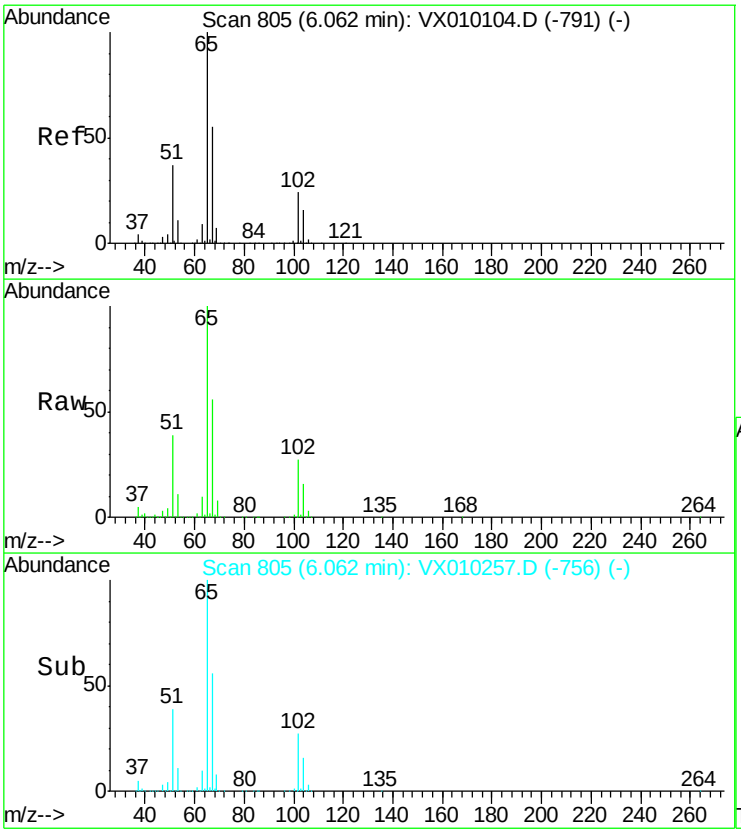
#27
cis-1,2-Dichloroethene
Concen: 14.529 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX010257.D
Acq: 12 Jun 2019 17:44

Instrument :
MSVOA_X
ClientSampleId :
LF001MW002-190610

Tgt Ion: 96 Resp: 53090

Ion	Ratio	Lower	Upper
96	100		
61	109.8	0.0	334.0
98	65.6	0.0	131.6

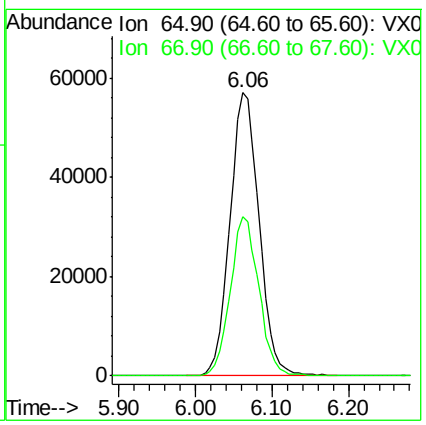


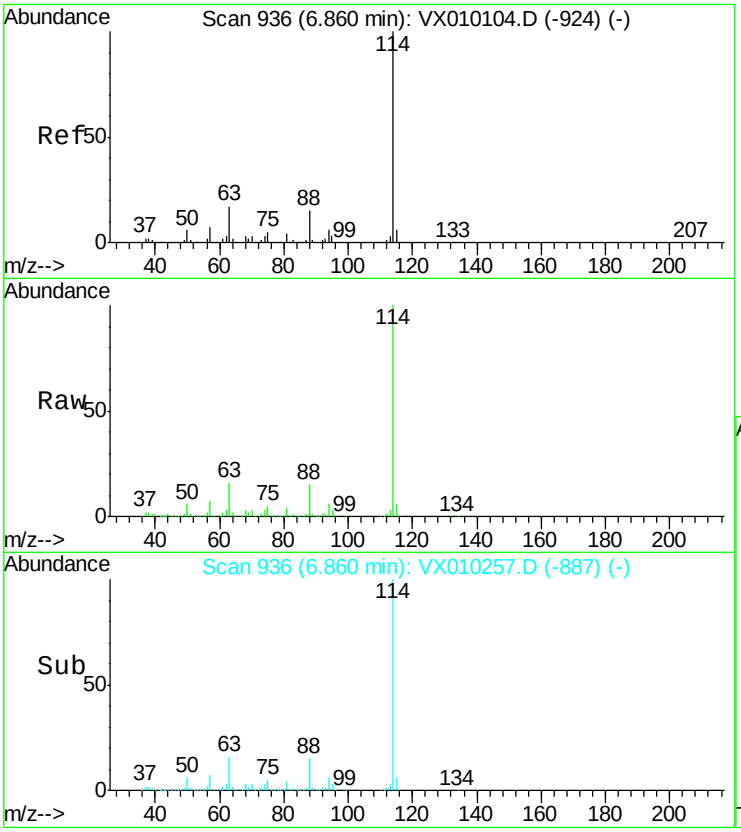


#33
1,2-Dichloroethane-d4
Concen: 46.584 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX010257.D
Acq: 12 Jun 2019 17:44

Tgt Ion: 65 Resp: 150252

Ion	Ratio	Lower	Upper
65	100		
67	55.2	0.0	108.4



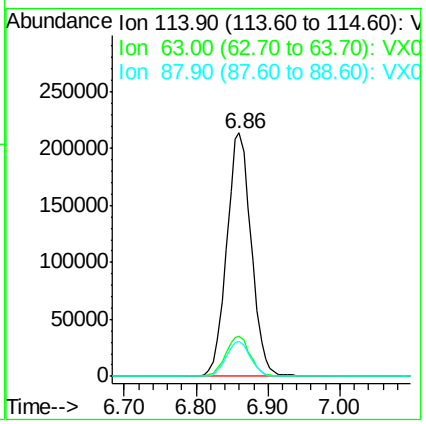


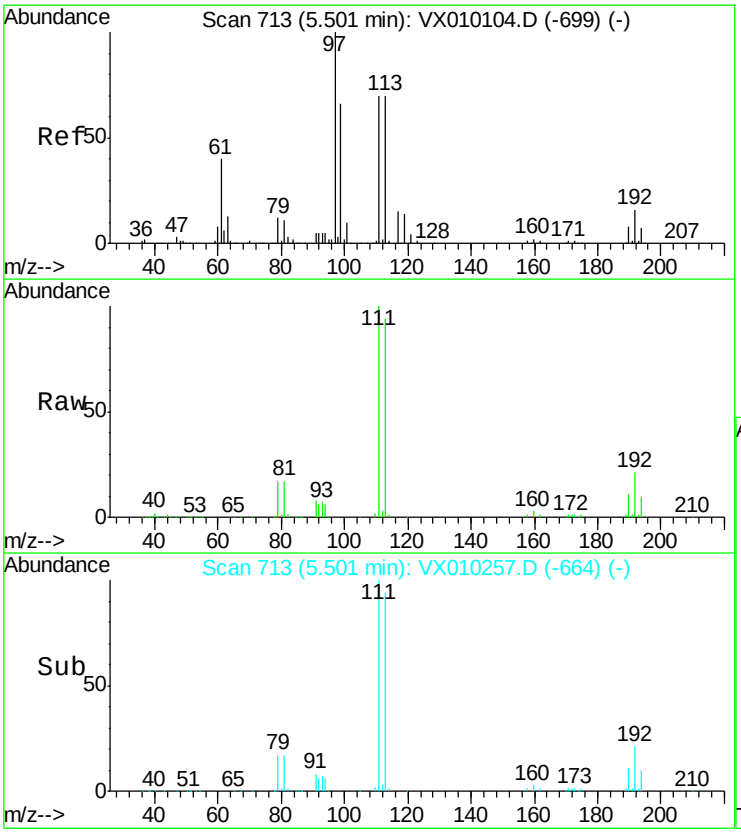
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX010257.D
Acq: 12 Jun 2019 17:44

Instrument :
MSVOA_X
ClientSampleId :
LF001MW002-190610

Tgt Ion:114 Resp: 505508

Ion	Ratio	Lower	Upper
114	100		
63	16.5	0.0	47.4
88	14.6	0.0	33.0

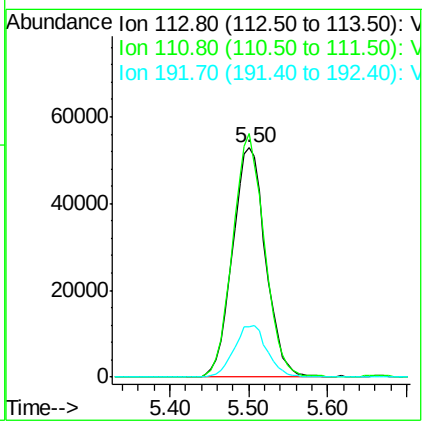


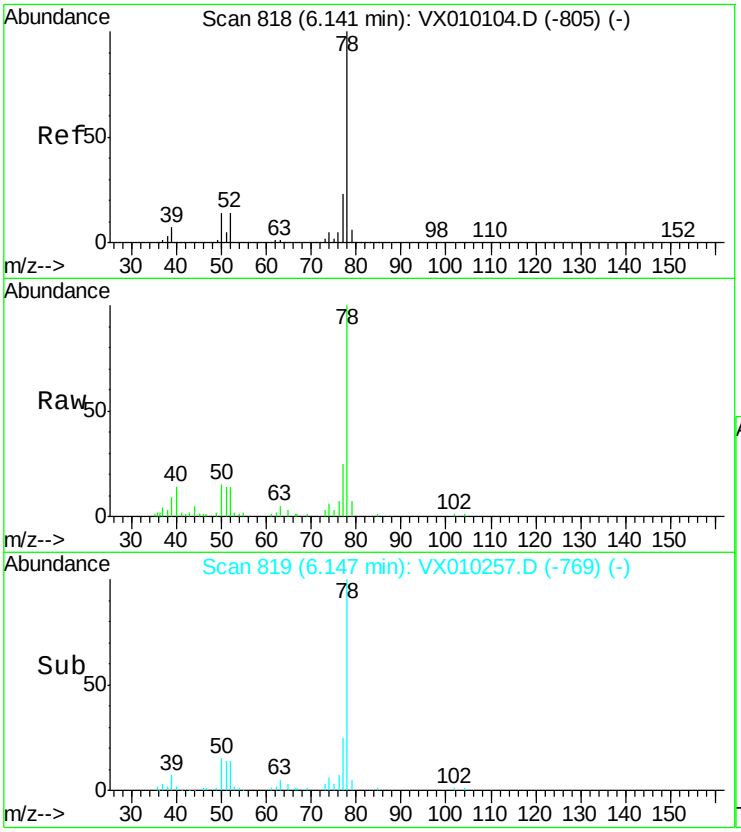


#35
Dibromofluoromethane
Concen: 49.336 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX010257.D
Acq: 12 Jun 2019 17:44

Tgt Ion:113 Resp: 153835

Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.2	123.2
192	22.6	17.1	25.7



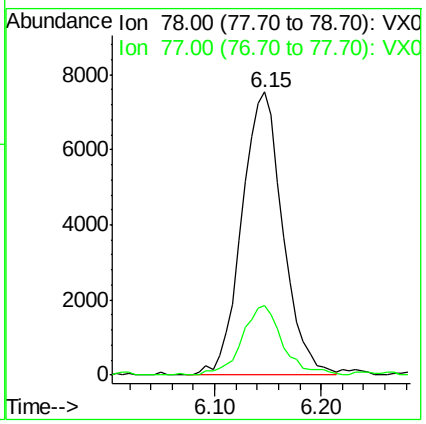


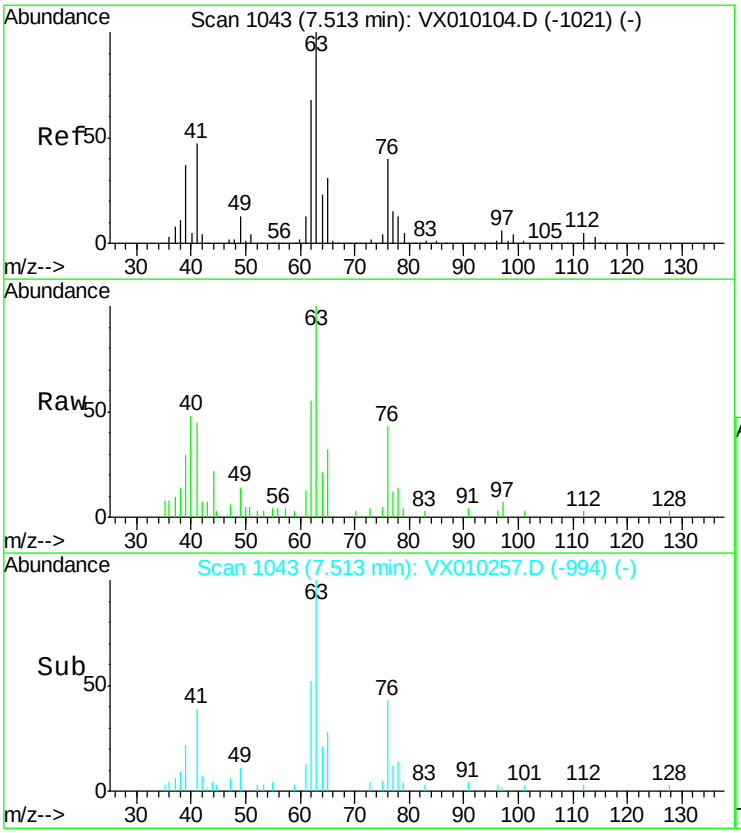
#40
Benzene
Concen: 1.598 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX010257.D
Acq: 12 Jun 2019 17:44

Instrument :
MSVOA_X
ClientSampleId :
LF001MW002-190610

Tgt Ion: 78 Resp: 20376

Ion	Ratio	Lower	Upper
78	100		
77	24.6	19.2	28.8

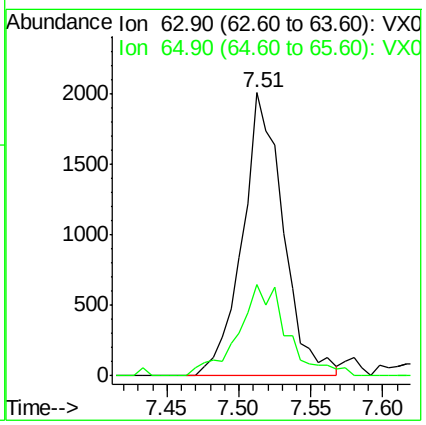


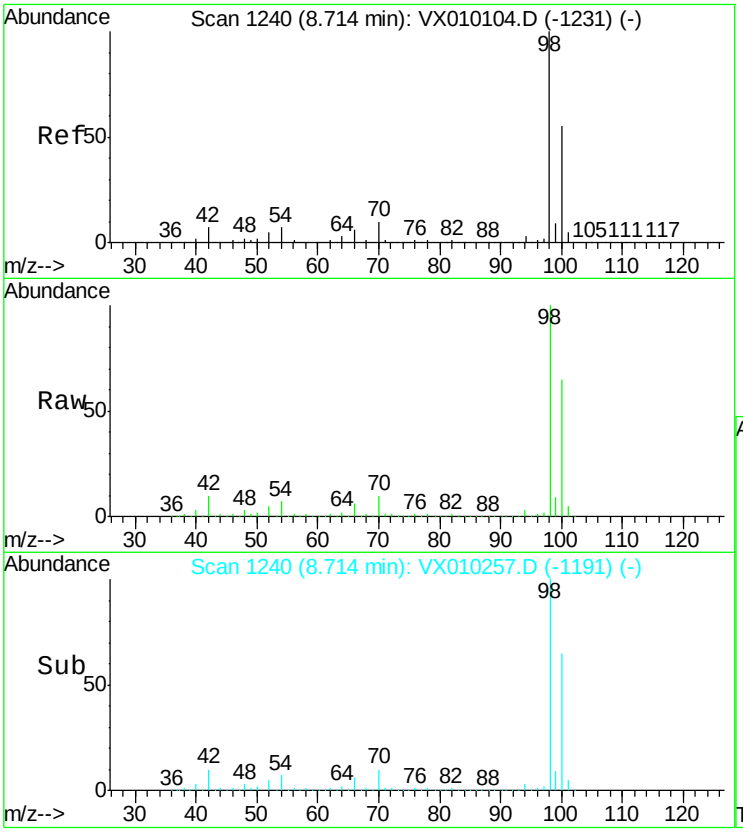


#45
1,2-Dichloropropane
Concen: 1.229 ug/l
RT: 7.51 min Scan# 1043
Delta R.T. -0.00 min
Lab File: VX010257.D
Acq: 12 Jun 2019 17:44

Tgt Ion: 63 Resp: 3922

Ion	Ratio	Lower	Upper
63	100		
65	32.2	25.7	38.5



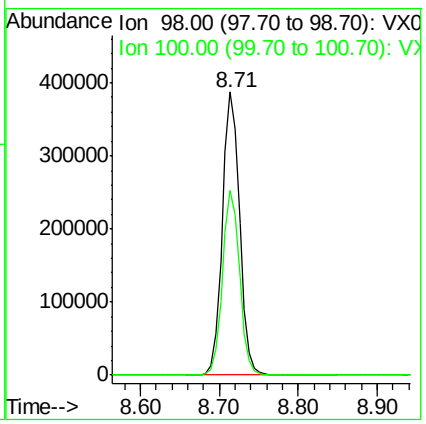


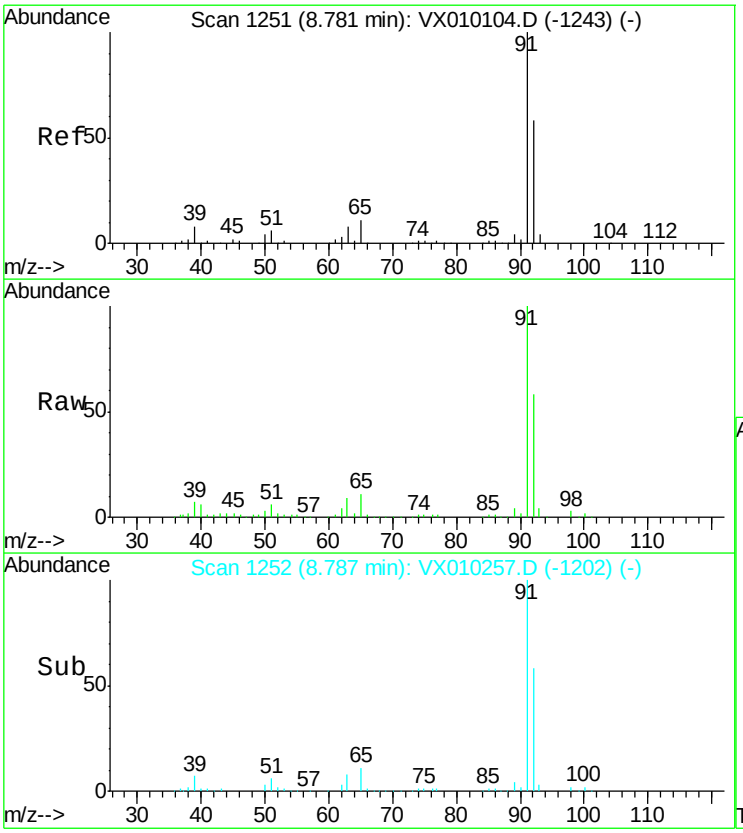
#50
Toluene-d8
Concen: 50.405 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010257.D
Acq: 12 Jun 2019 17:44

Instrument :
MSVOA_X
ClientSampleId :
LF001MW002-190610

Tgt Ion: 98 Resp: 589041

Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.5	77.3

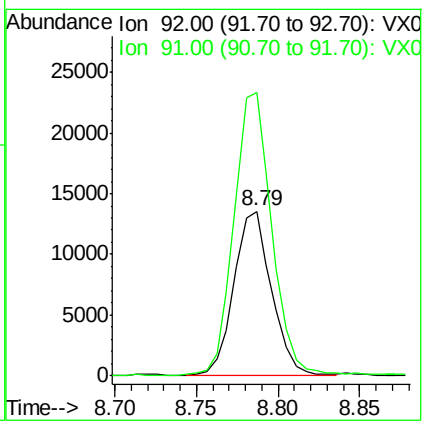


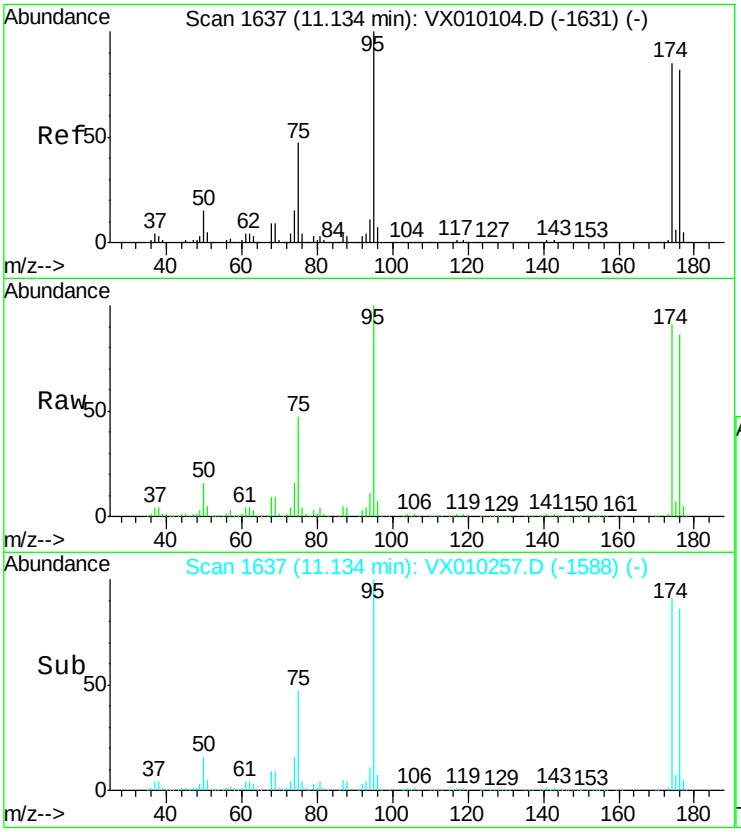


#52
Toluene
Concen: 2.608 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.01 min
Lab File: VX010257.D
Acq: 12 Jun 2019 17:44

Tgt Ion: 92 Resp: 21865

Ion	Ratio	Lower	Upper
92	100		
91	173.4	139.9	209.9



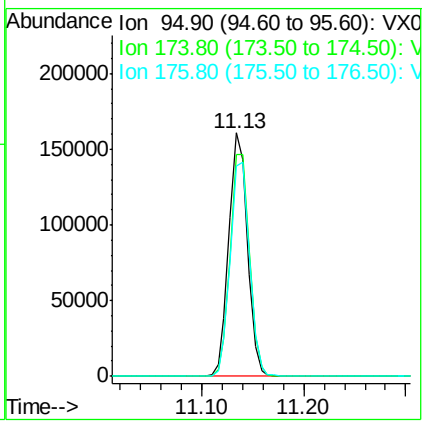


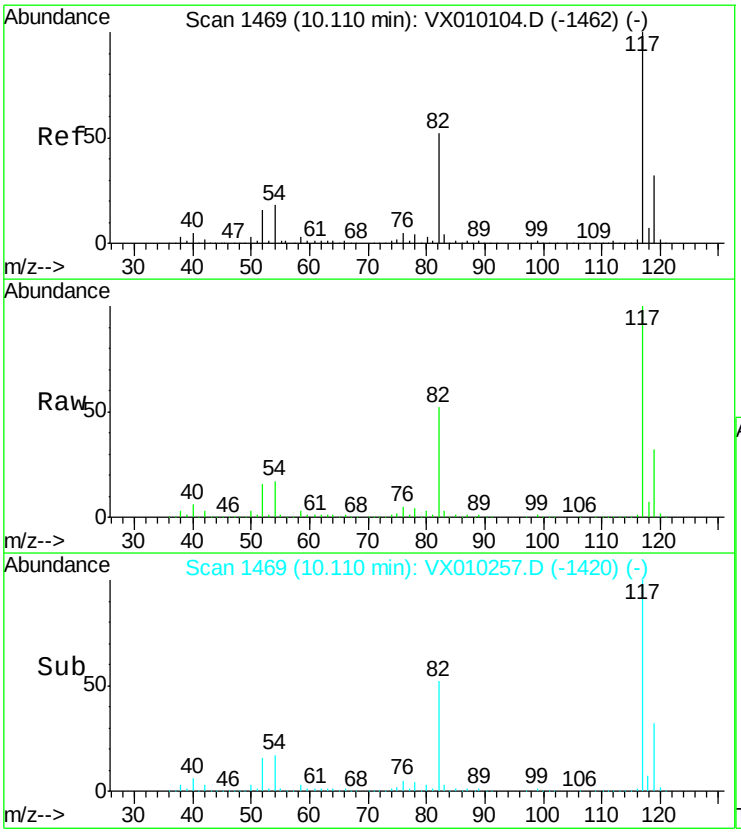
#62
4-Bromofluorobenzene
Concen: 46.235 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010257.D
Acq: 12 Jun 2019 17:44

Instrument :
MSVOA_X
ClientSampleId :
LF001MW002-190610

Tgt Ion: 95 Resp: 201785

Ion	Ratio	Lower	Upper
95	100		
174	94.4	0.0	160.4
176	91.3	0.0	154.6

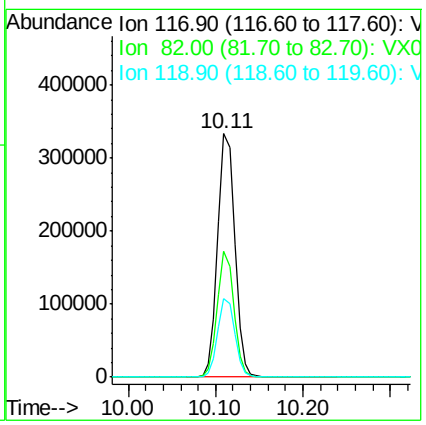


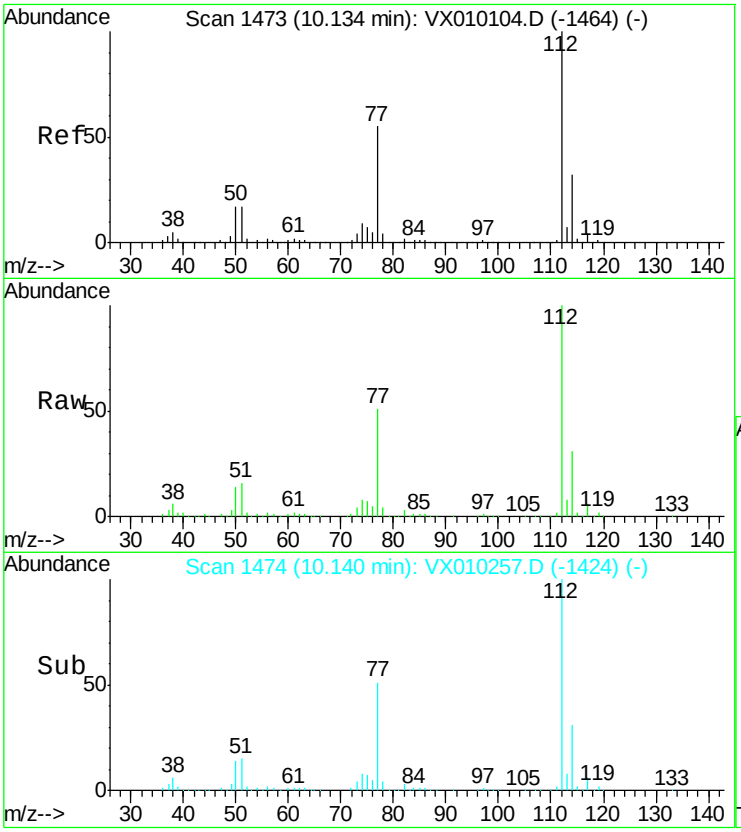


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010257.D
Acq: 12 Jun 2019 17:44

Tgt Ion:117 Resp: 453061

Ion	Ratio	Lower	Upper
117	100		
82	51.7	49.2	73.8
119	32.0	25.2	37.8



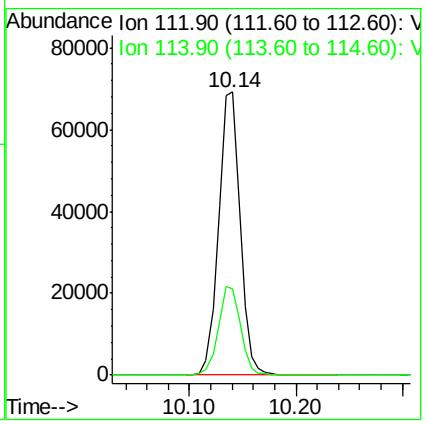


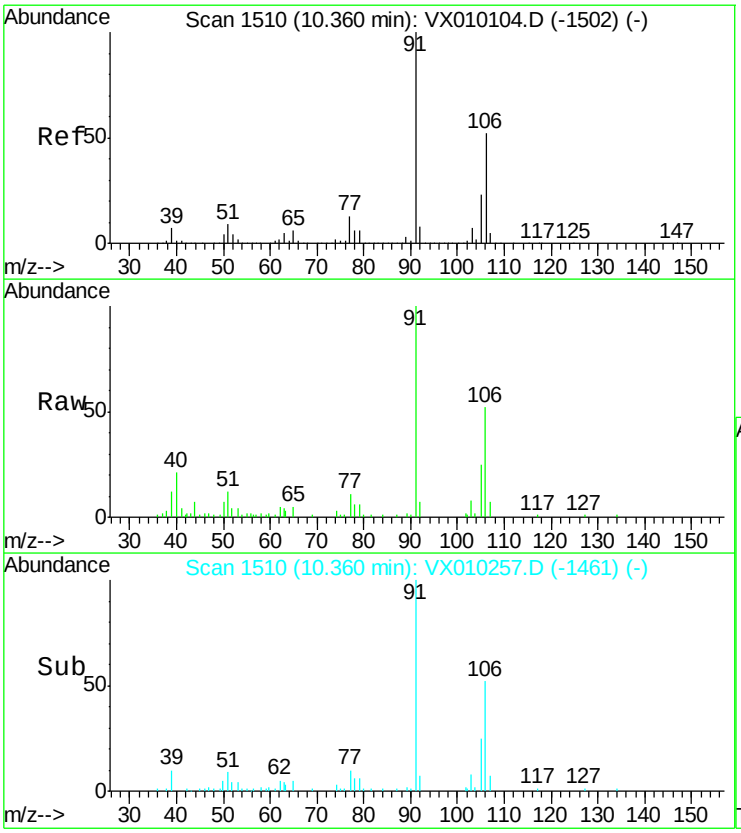
#65
Chlorobenzene
Concen: 10.483 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX010257.D
Acq: 12 Jun 2019 17:44

Instrument :
MSVOA_X
ClientSampleId :
LF001MW002-190610

Tgt Ion:112 Resp: 98021

Ion	Ratio	Lower	Upper
112	100		
114	30.5	25.8	38.8

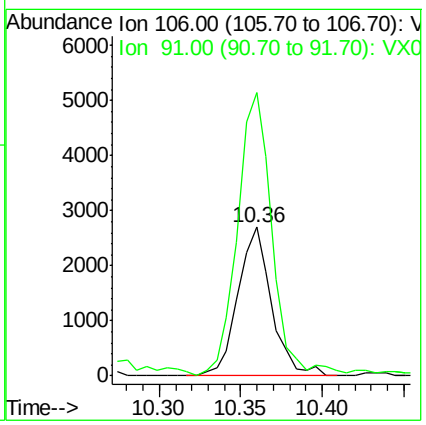


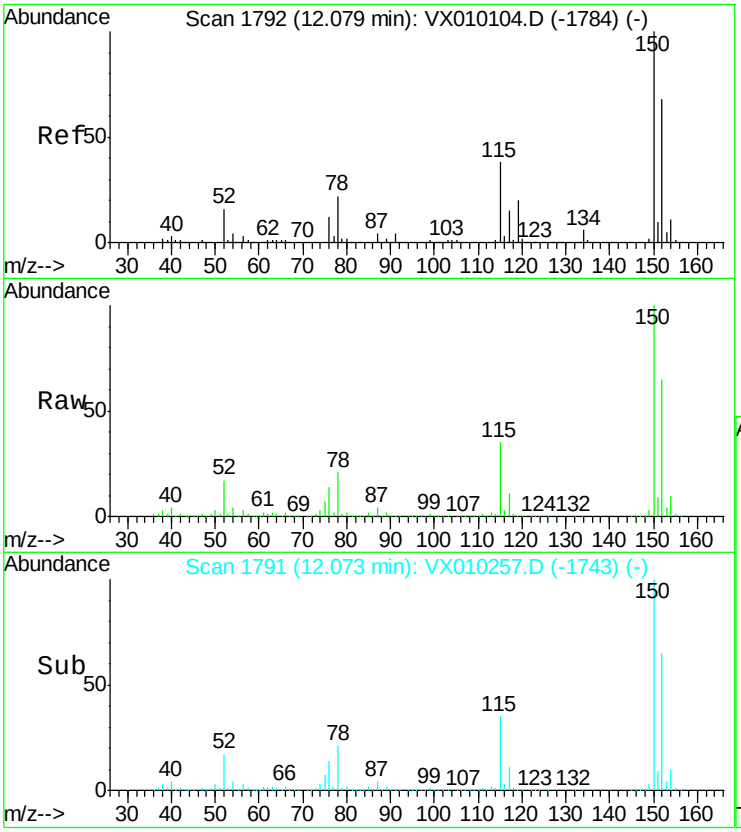


#68
m/p-Xylenes
Concen: 0.629 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX010257.D
Acq: 12 Jun 2019 17:44

Tgt Ion:106 Resp: 3872

Ion	Ratio	Lower	Upper
106	100		
91	196.8	167.3	250.9



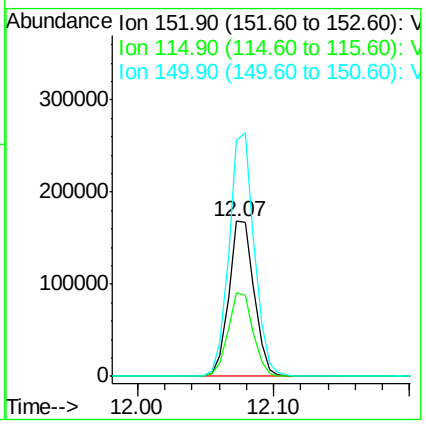


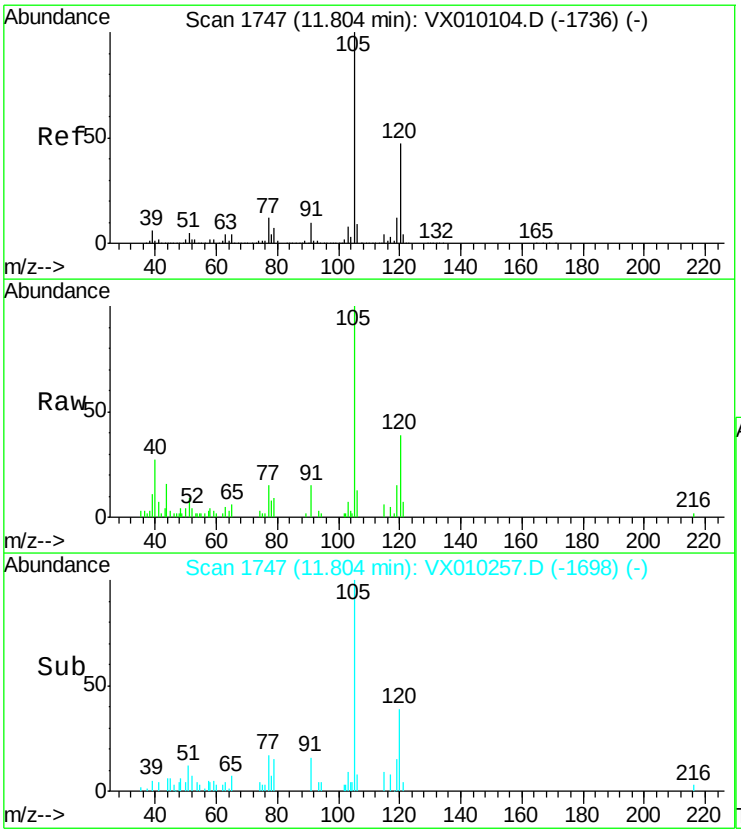
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. -0.01 min
Lab File: VX010257.D
Acq: 12 Jun 2019 17:44

Instrument :
MSVOA_X
ClientSampleId :
LF001MW002-190610

Tgt Ion:152 Resp: 216459

Ion	Ratio	Lower	Upper
152	100		
115	53.4	41.4	124.2
150	156.4	0.0	345.2

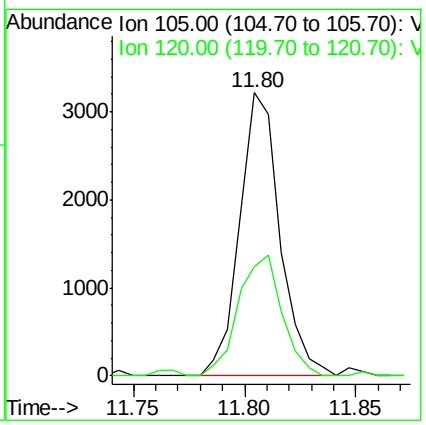


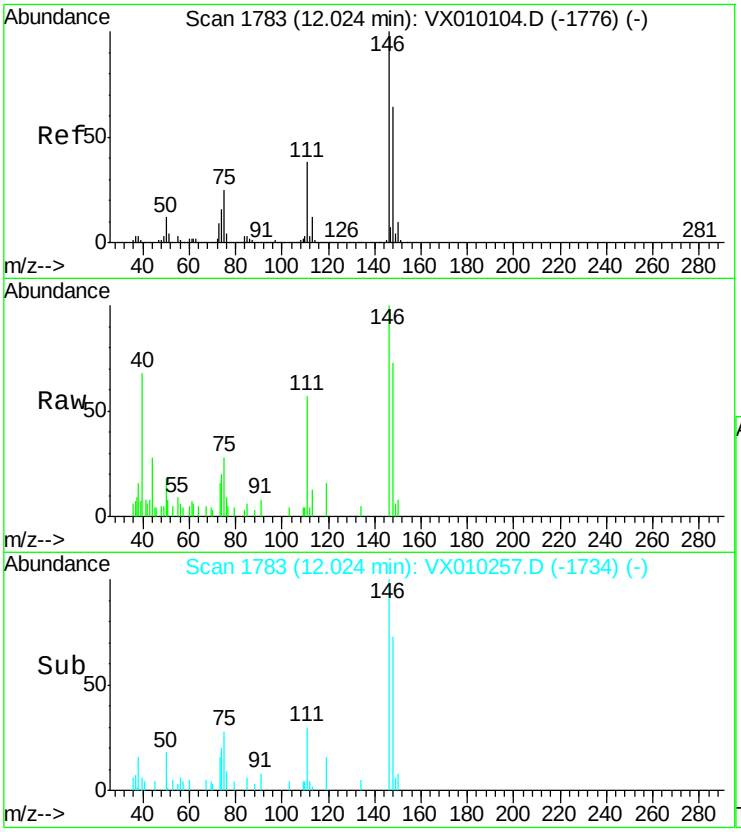


#84
1,2,4-Trimethylbenzene
Concen: 0.317 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX010257.D
Acq: 12 Jun 2019 17:44

Tgt Ion:105 Resp: 4072

Ion	Ratio	Lower	Upper
105	100		
120	46.1	22.1	66.1



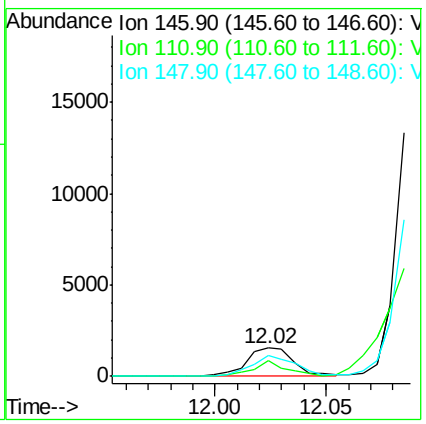


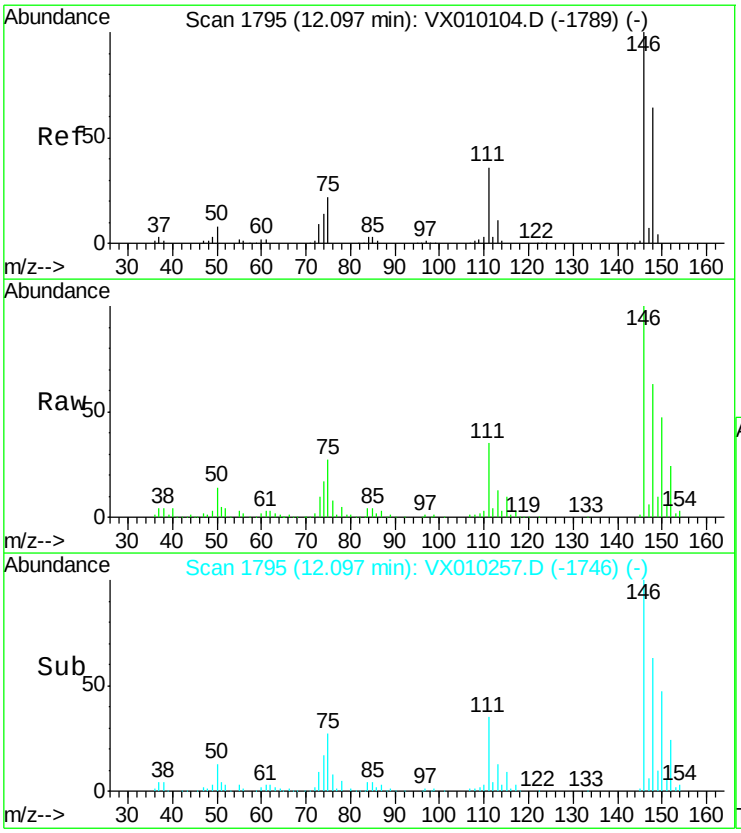
#87
1,3-Dichlorobenzene
Concen: 0.310 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VX010257.D
Acq: 12 Jun 2019 17:44

Instrument :
MSVOA_X
ClientSampleId :
LF001MW002-190610

Tgt Ion:146 Resp: 2272

Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.1	60.2
148	69.3	31.9	95.5

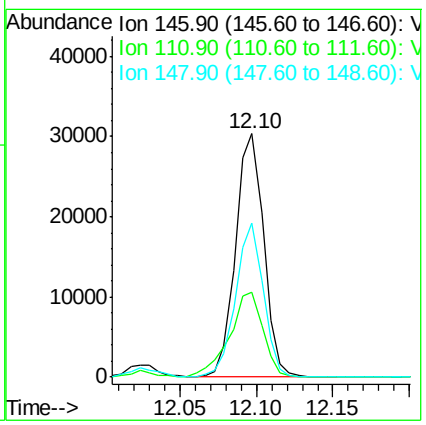


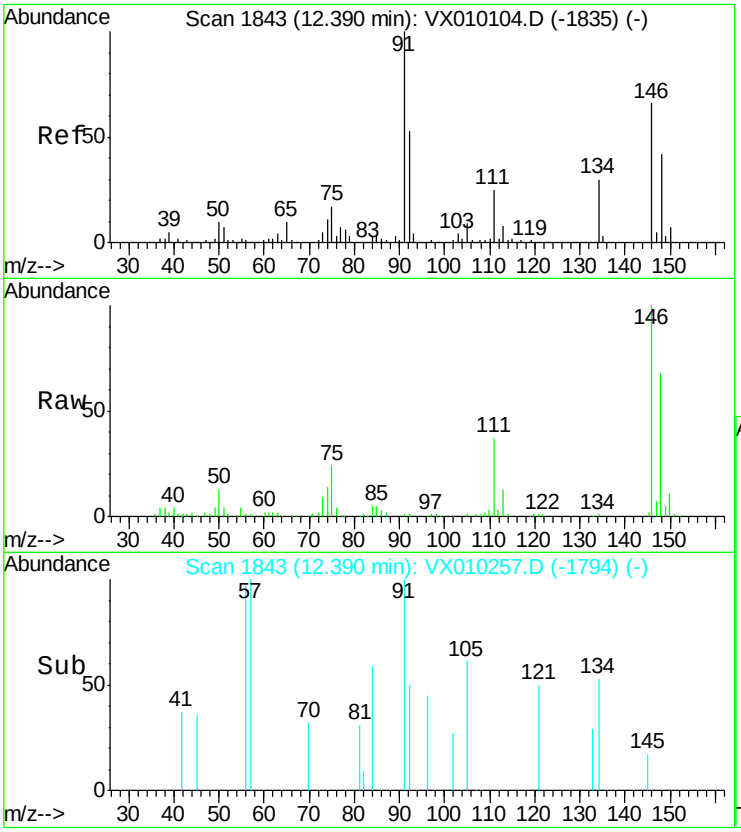


#88
1,4-Dichlorobenzene
Concen: 5.253 ug/l
RT: 12.10 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VX010257.D
Acq: 12 Jun 2019 17:44

Tgt Ion:146 Resp: 38760

Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.0	59.9
148	62.7	32.3	96.9



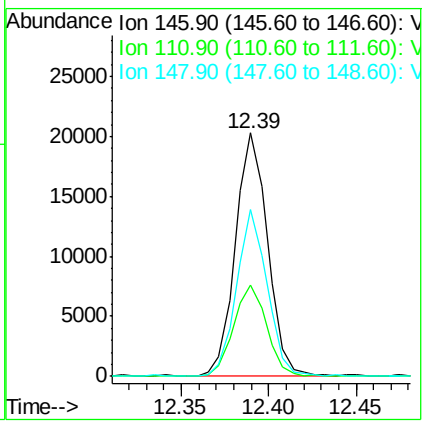


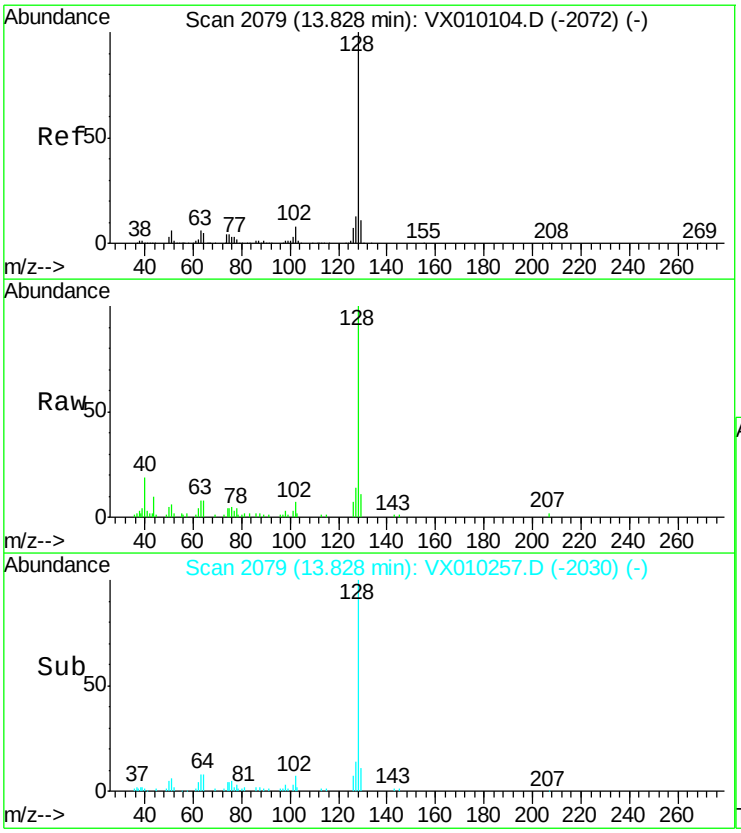
#91
1,2-Dichlorobenzene
Concen: 3.626 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX010257.D
Acq: 12 Jun 2019 17:44

Instrument : MSVOA_X
ClientSampleId : LF001MW002-190610

Tgt Ion:146 Resp: 25803

Ion	Ratio	Lower	Upper
146	100		
111	39.3	21.1	63.1
148	65.7	32.3	96.8





#95
Naphthalene
Concen: 0.484 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. -0.00 min
Lab File: VX010257.D
Acq: 12 Jun 2019 17:44

Tgt Ion:128 Resp: 7943

Ion	Ratio	Lower	Upper
128	100		
127	14.7	10.6	16.0
129	13.6	8.8	13.2#