Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060819\
Data File : VX010148.D
Acq On : 08 Jun 2019 19:03
Operator : JC/SP
Sample : K3249-16
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BP-DUP05-20190606

Quant Time: Jun 10 08:43:14 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	5.66	168	286077	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	430337	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	385614	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	182194	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	127083	45.51	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.02%			
35) Dibromofluoromethane	5.50	113	132644	49.97	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.94%			
50) Toluene-d8	8.71	98	499105	50.17	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.34%			
62) 4-Bromofluorobenzene	11.13	95	173774	46.77	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.54%			
Target Compounds						Qvalue
7) Trichlorofluoromethane	1.93	101	5254	1.440	ug/l	99
12) 1,1-Dichloroethene	2.37	96	2212	0.861	ug/l #	69
19) Methyl tert-butyl Ether	3.20	73	6699	0.811	ug/l #	87
24) 1,1-Dichloroethane	3.70	63	3338	0.741	ug/l #	81
27) cis-1,2-Dichloroethene	4.61	96	1522	0.481	ug/l	66
44) Trichloroethene	7.21	130	25183	7.696	ug/l	92
64) Tetrachloroethene	9.34	164	11819	4.127	ug/l	98

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

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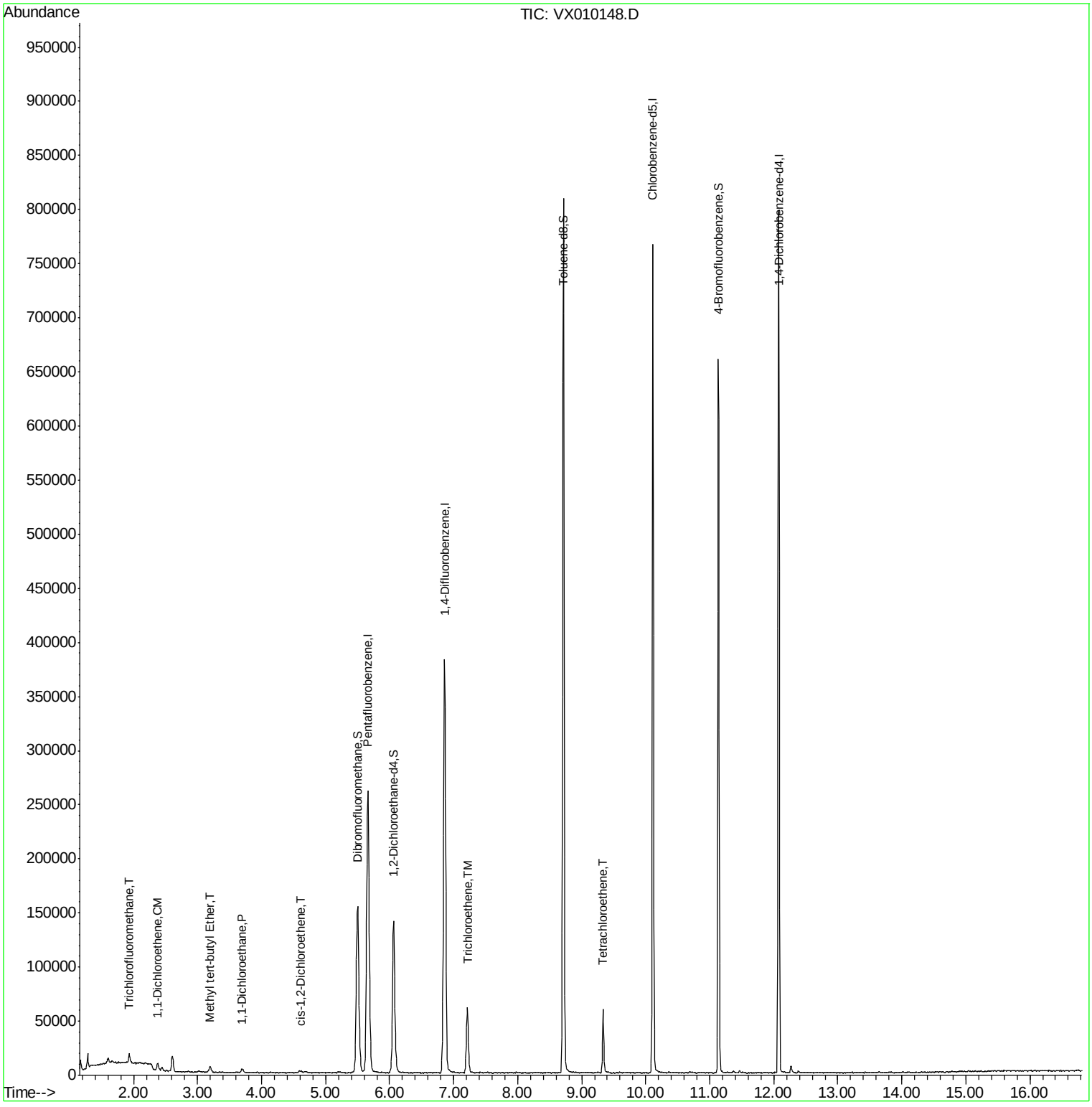
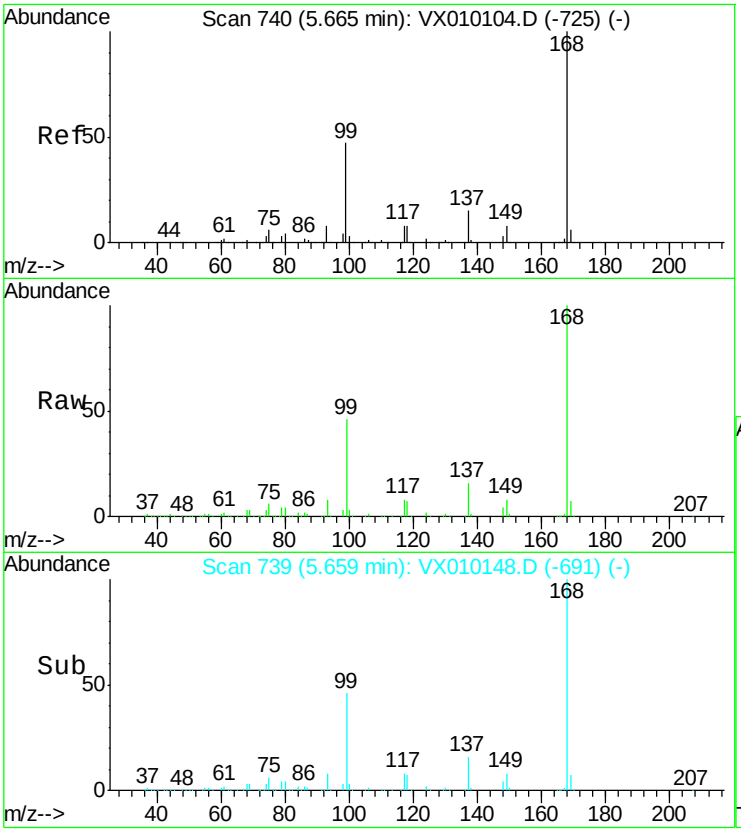


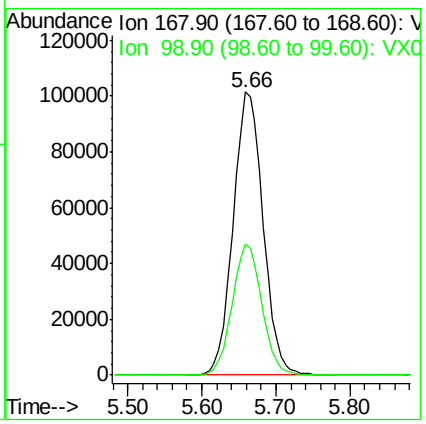


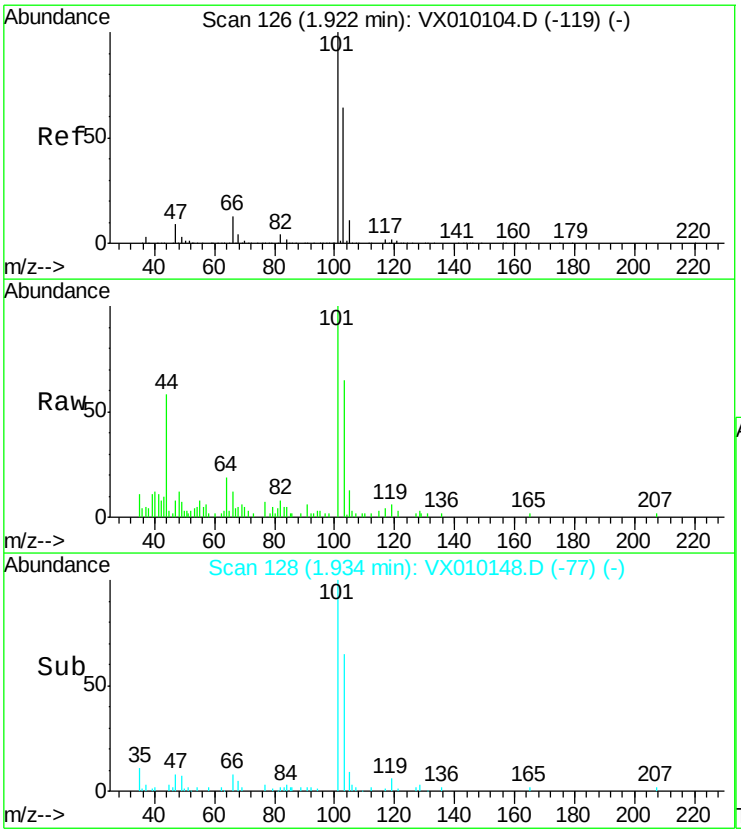
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.01 min
Lab File: VX010148.D
Acq: 08 Jun 2019 19:03

Instrument :
MSVOA_X
ClientSampleId :
BP-DUP05-20190606

Tgt Ion:168 Resp: 286077

Ion	Ratio	Lower	Upper
168	100		
99	46.4	43.0	64.6

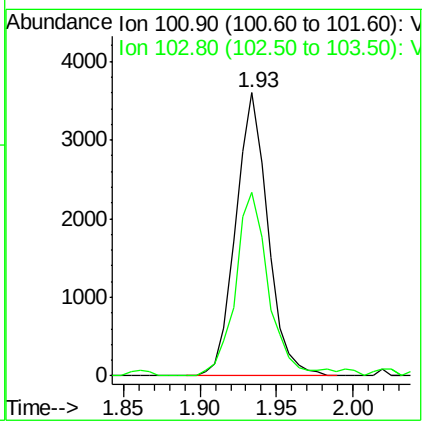


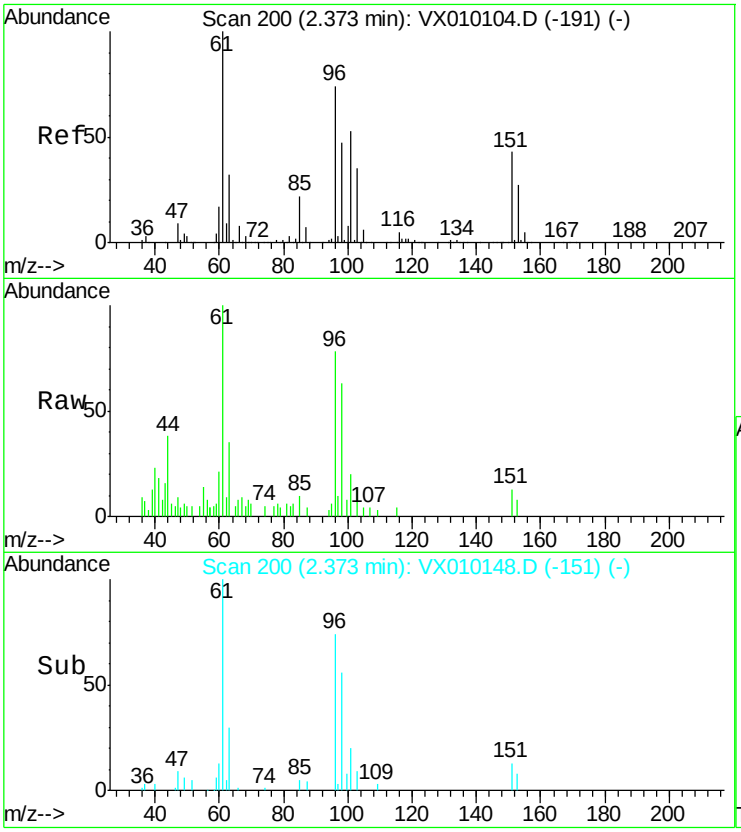


#7
Trichlorofluoromethane
Concen: 1.440 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX010148.D
Acq: 08 Jun 2019 19:03

Tgt Ion:101 Resp: 5254

Ion	Ratio	Lower	Upper
101	100		
103	64.9	52.2	78.4



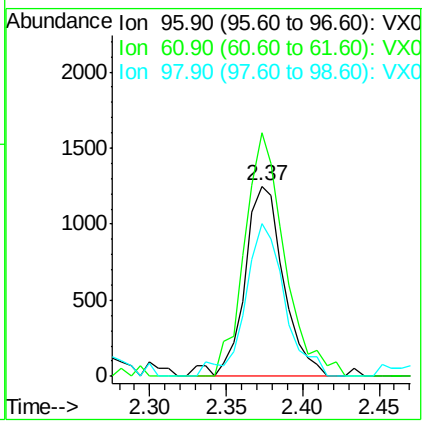


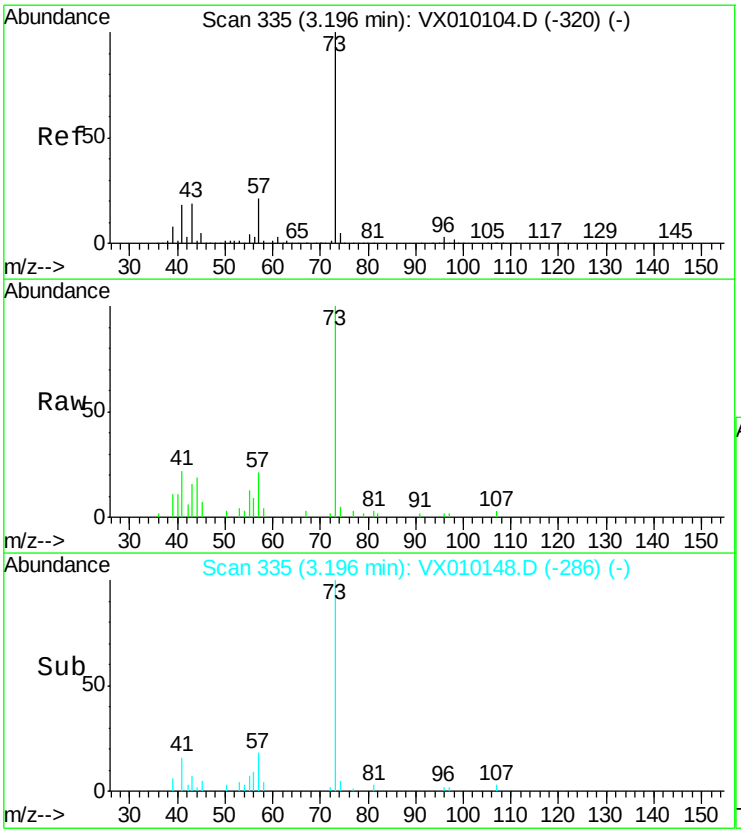
#12
1,1-Dichloroethene
Concen: 0.861 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX010148.D
Acq: 08 Jun 2019 19:03

Instrument :
MSVOA_X
ClientSampleId :
BP-DUP05-20190606

Tgt Ion: 96 Resp: 2212

Ion	Ratio	Lower	Upper
96	100		
61	127.9	140.7	211.1#
98	80.1	50.1	75.1#

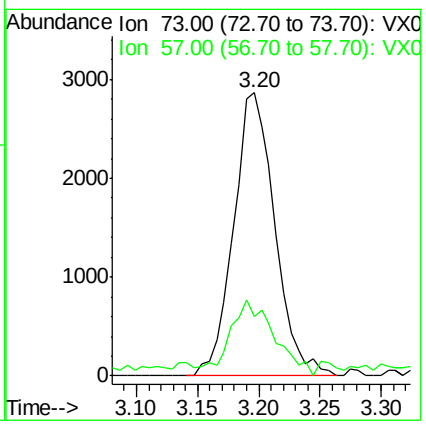


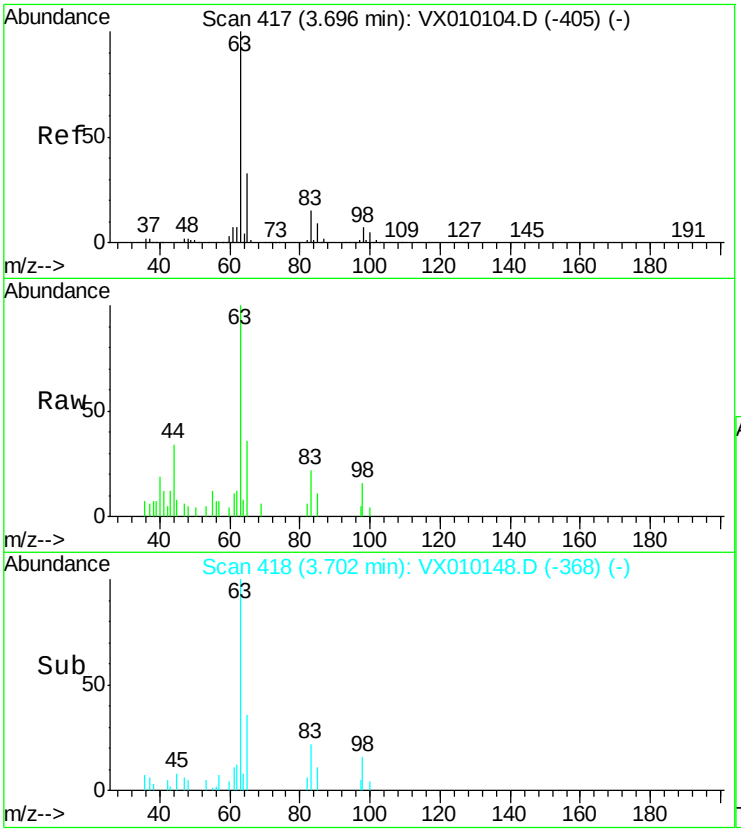


#19
Methyl tert-butyl Ether
Concen: 0.811 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX010148.D
Acq: 08 Jun 2019 19:03

Tgt Ion: 73 Resp: 6699

Ion	Ratio	Lower	Upper
73	100		
57	18.0	19.4	29.2#



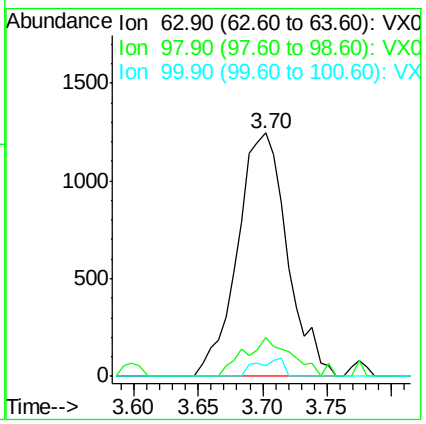


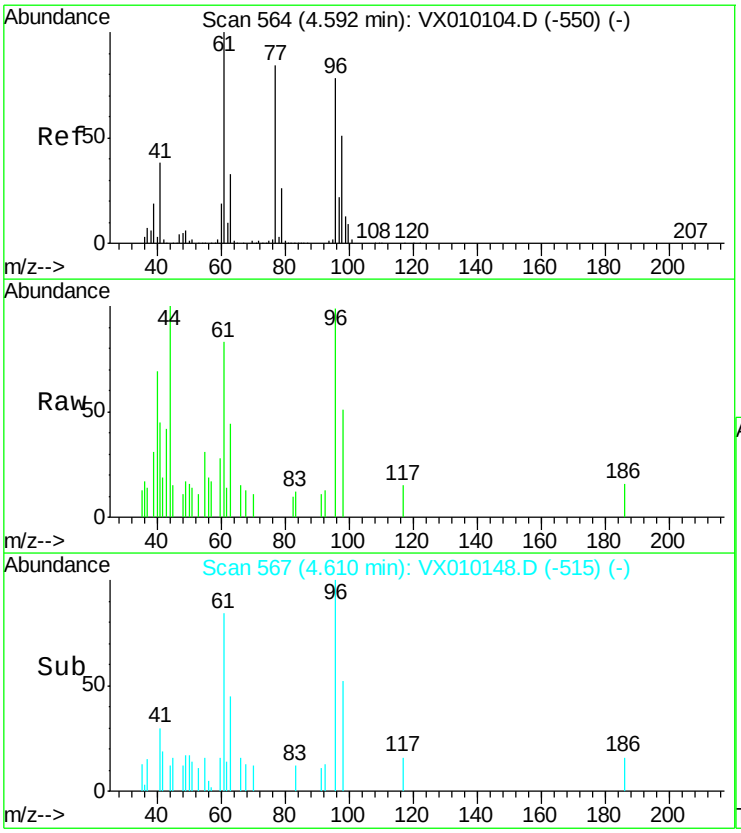
#24
1,1-Dichloroethane
Concen: 0.741 ug/l
RT: 3.70 min Scan# 418
Delta R.T. 0.01 min
Lab File: VX010148.D
Acq: 08 Jun 2019 19:03

Instrument :
MSVOA_X
ClientSampleId :
BP-DUP05-20190606

Tgt Ion: 63 Resp: 3338

Ion	Ratio	Lower	Upper
63	100		
98	15.8	2.9	8.8#
100	4.3	1.8	5.4

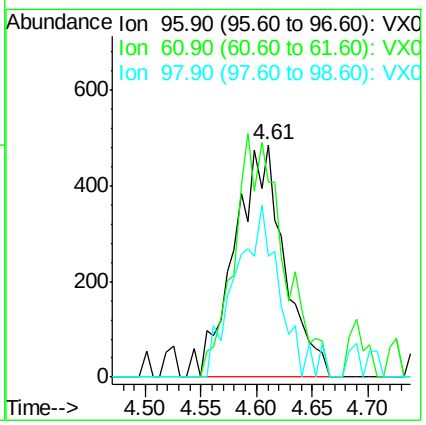


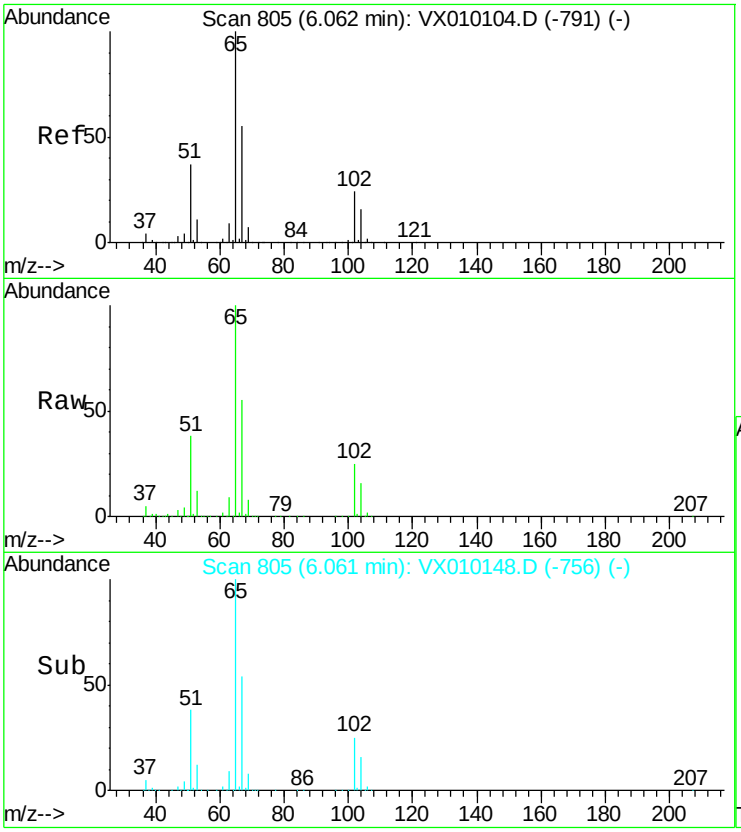


#27
cis-1,2-Dichloroethene
Concen: 0.481 ug/l
RT: 4.61 min Scan# 567
Delta R.T. 0.02 min
Lab File: VX010148.D
Acq: 08 Jun 2019 19:03

Tgt Ion: 96 Resp: 1522

Ion	Ratio	Lower	Upper
96	100		
61	102.6	0.0	334.0
98	65.0	0.0	131.6



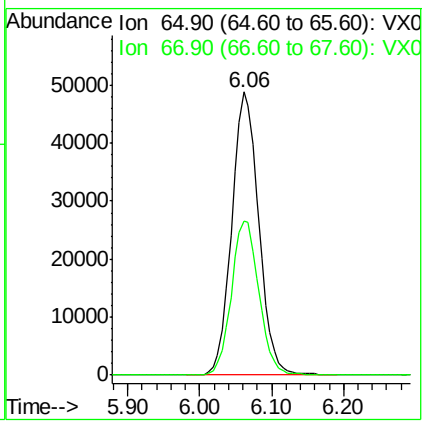


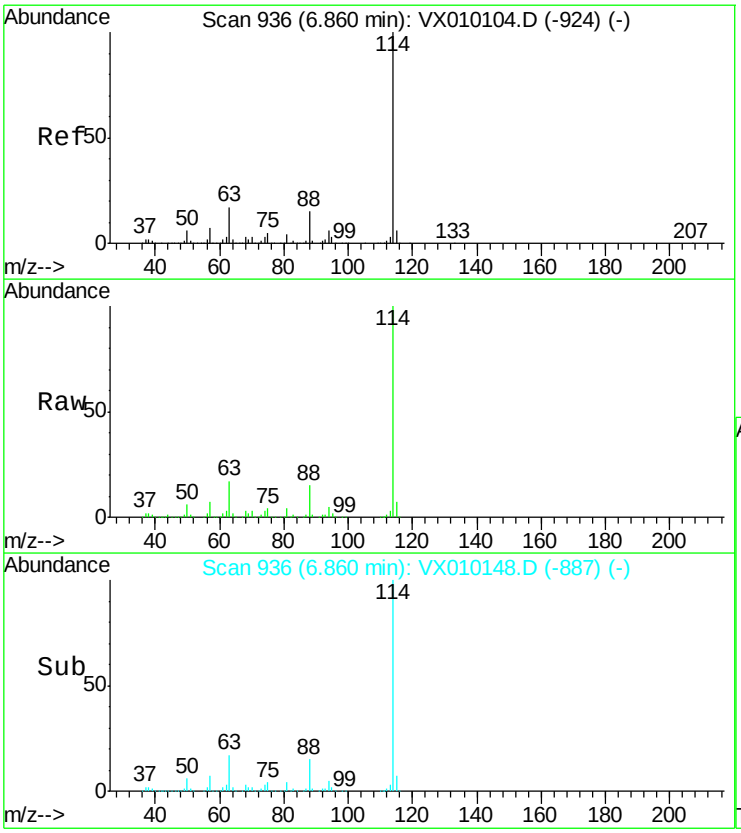
#33
1,2-Dichloroethane-d4
Concen: 45.510 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX010148.D
Acq: 08 Jun 2019 19:03

Instrument : MSVOA_X
ClientSampleId : BP-DUP05-20190606

Tgt Ion: 65 Resp: 127083

Ion	Ratio	Lower	Upper
65	100		
67	55.5	0.0	108.4

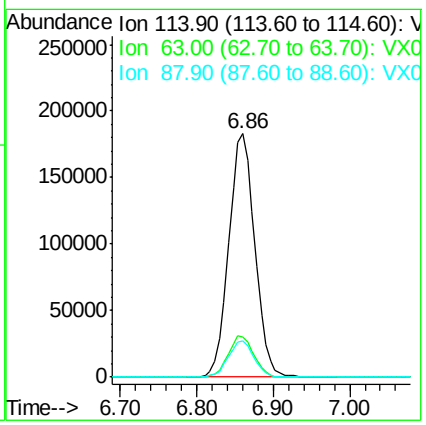


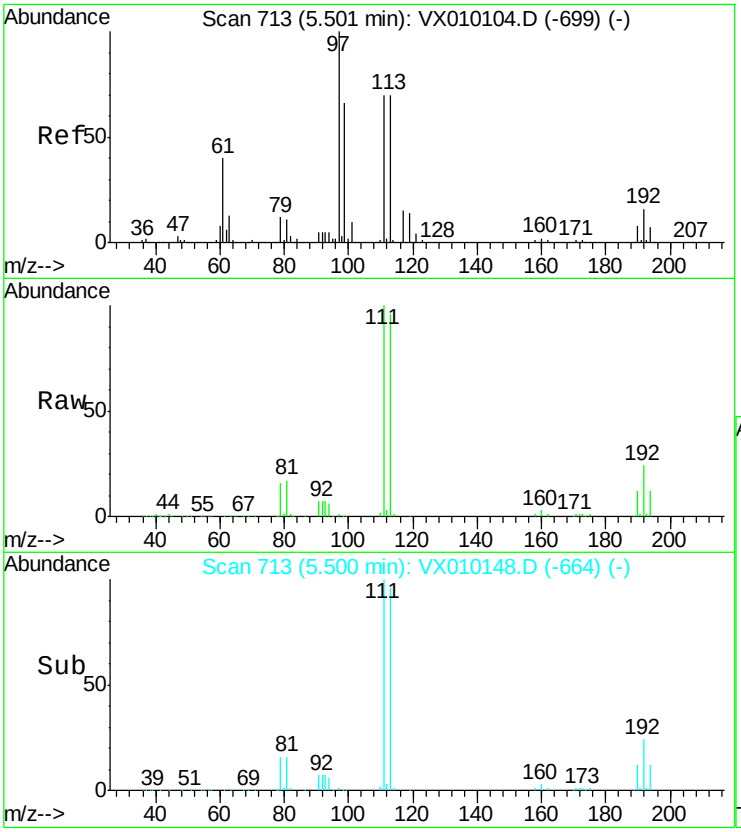


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX010148.D
Acq: 08 Jun 2019 19:03

Tgt Ion:114 Resp: 430337

Ion	Ratio	Lower	Upper
114	100		
63	16.6	0.0	47.4
88	14.8	0.0	33.0



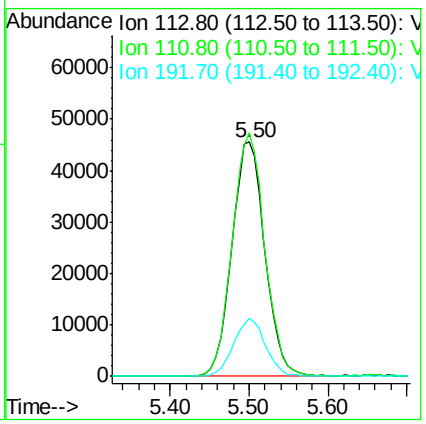


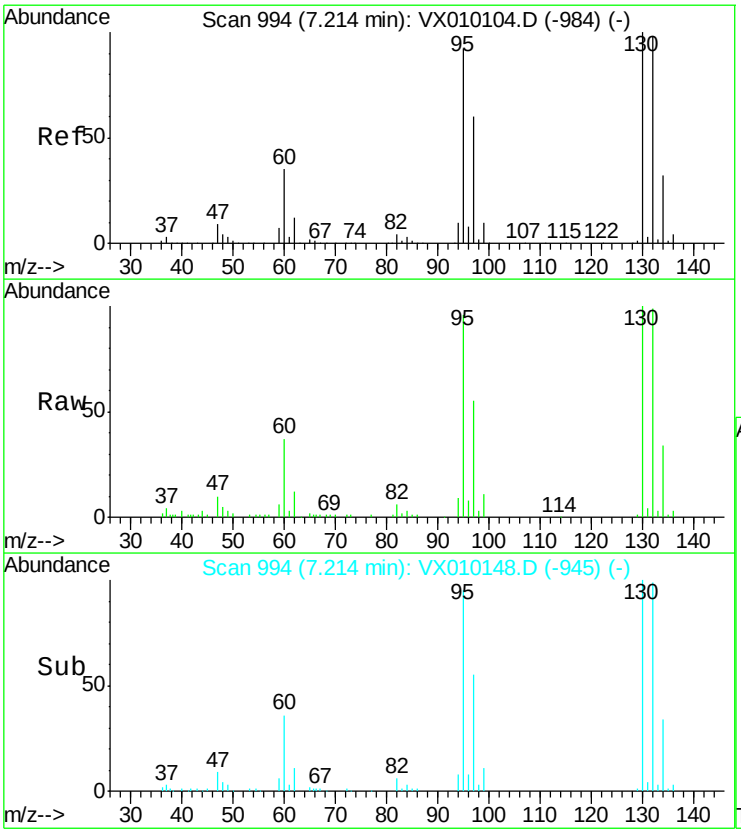
#35
Dibromofluoromethane
Concen: 49.971 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX010148.D
Acq: 08 Jun 2019 19:03

Instrument :
MSVOA_X
ClientSampleId :
BP-DUP05-20190606

Tgt Ion:113 Resp: 132644

Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.2	123.2
192	23.8	17.1	25.7

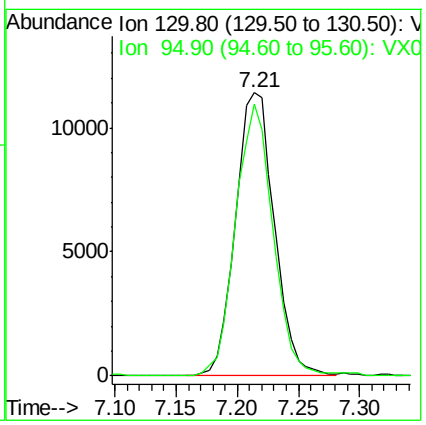


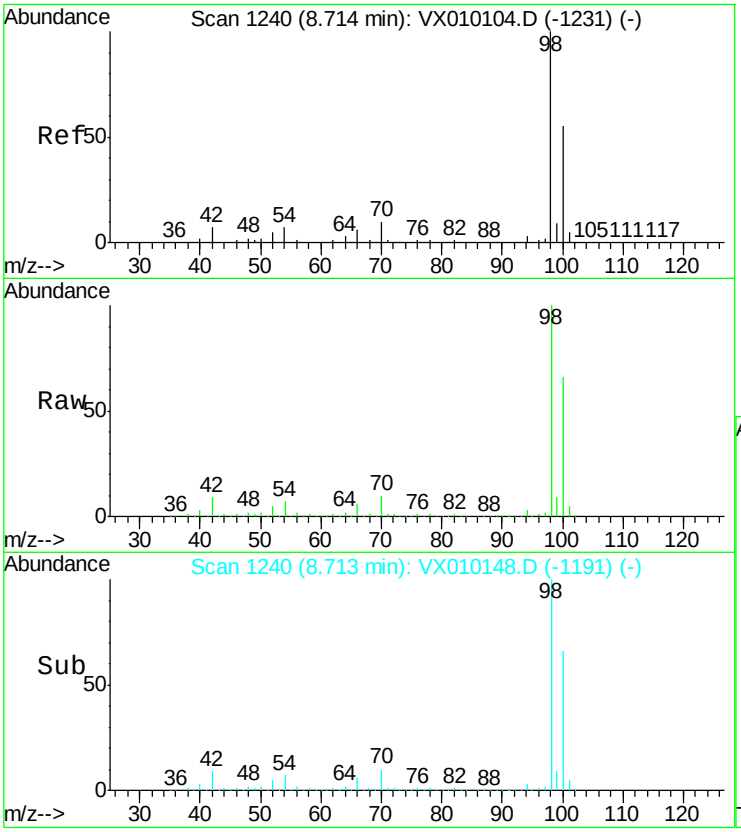


#44
Trichloroethene
Concen: 7.696 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.00 min
Lab File: VX010148.D
Acq: 08 Jun 2019 19:03

Tgt Ion:130 Resp: 25183

Ion	Ratio	Lower	Upper
130	100		
95	96.0	0.0	207.4



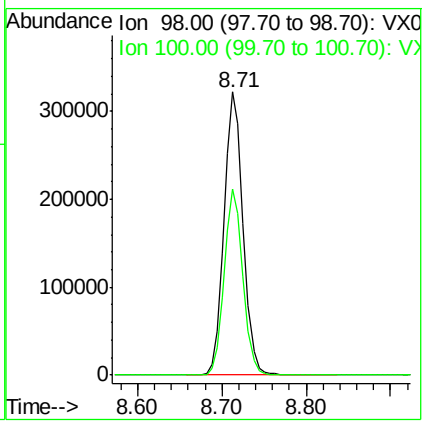


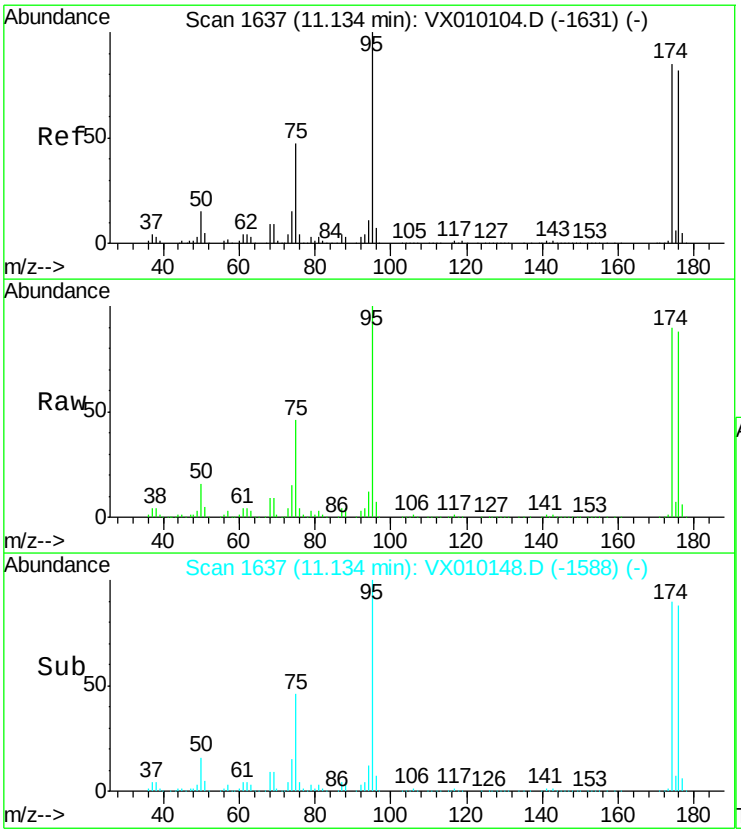
#50
Toluene-d8
Concen: 50.170 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010148.D
Acq: 08 Jun 2019 19:03

Instrument :
MSVOA_X
ClientSampleId :
BP-DUP05-20190606

Tgt Ion: 98 Resp: 499105

Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.5	77.3

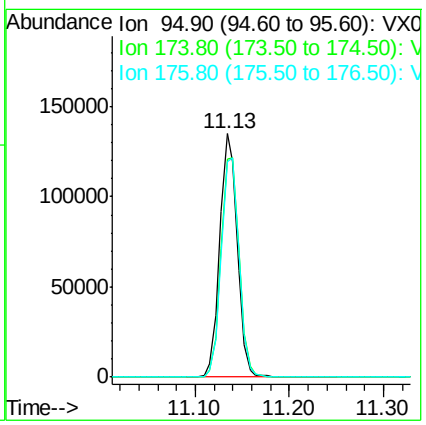


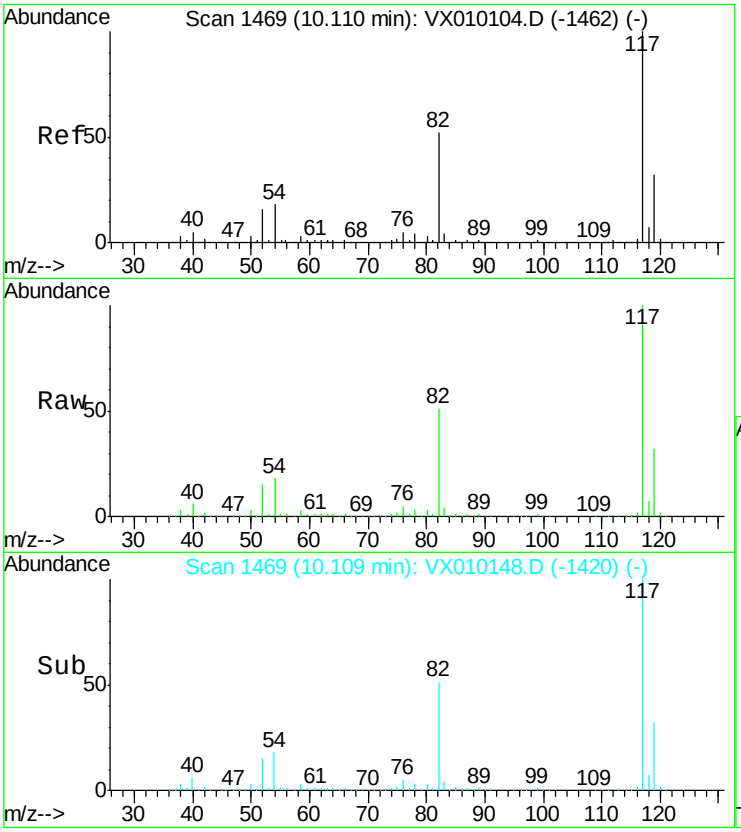


#62
4-Bromofluorobenzene
Concen: 46.773 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010148.D
Acq: 08 Jun 2019 19:03

Tgt Ion: 95 Resp: 173774

Ion	Ratio	Lower	Upper
95	100		
174	93.6	0.0	160.4
176	91.7	0.0	154.6



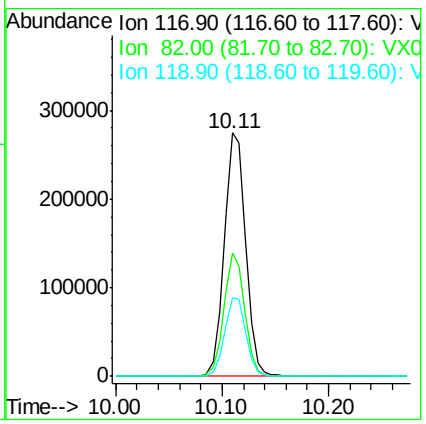


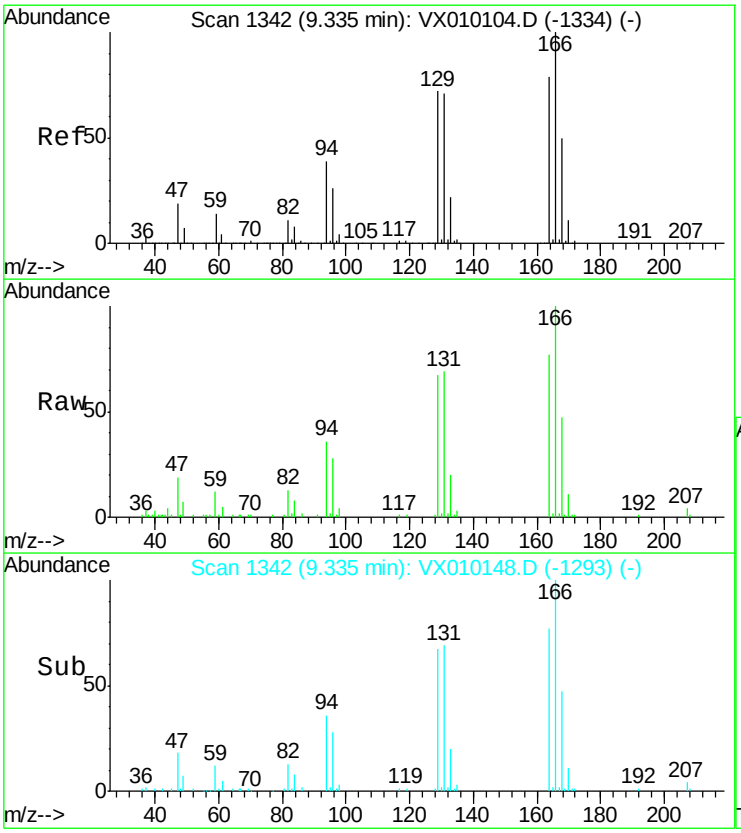
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010148.D
Acq: 08 Jun 2019 19:03

Instrument : MSVOA_X
ClientSampleId : BP-DUP05-20190606

Tgt Ion:117 Resp: 385614

Ion	Ratio	Lower	Upper
117	100		
82	50.9	49.2	73.8
119	32.2	25.2	37.8

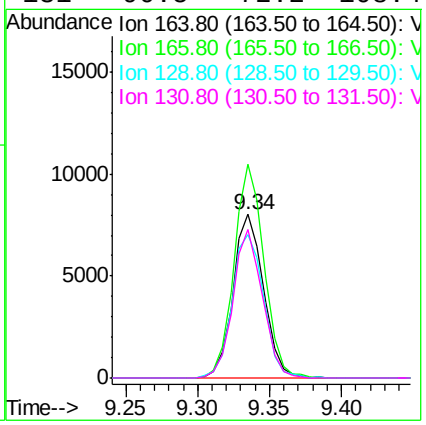


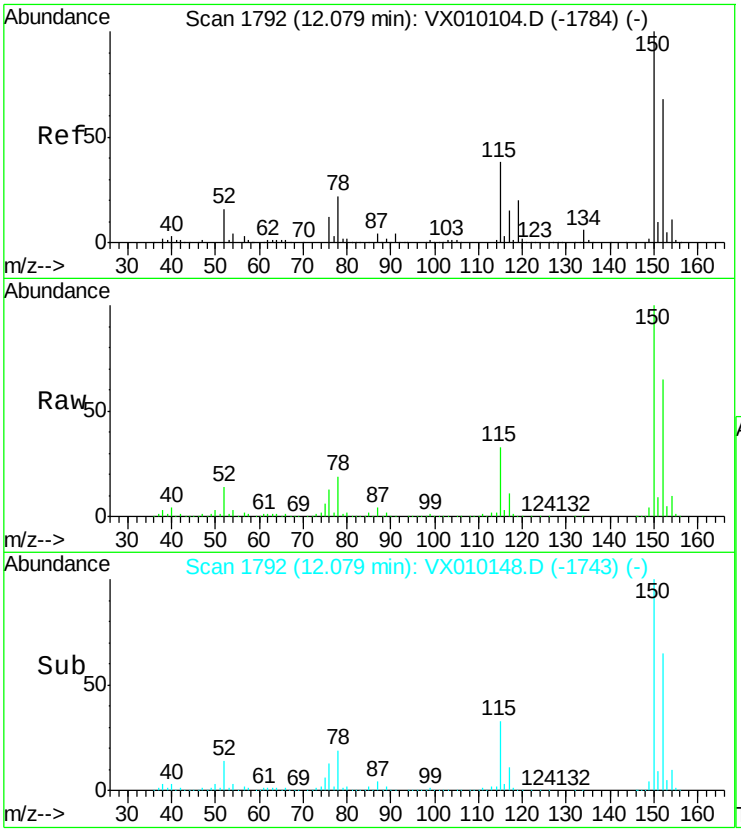


#64
Tetrachloroethene
Concen: 4.127 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010148.D
Acq: 08 Jun 2019 19:03

Tgt Ion:164 Resp: 11819

Ion	Ratio	Lower	Upper
164	100		
166	130.6	105.0	157.4
129	87.5	75.1	112.7
131	90.5	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: VX010148.D
Acq: 08 Jun 2019 19:03

Instrument :
MSVOA_X
ClientSampleId :
BP-DUP05-20190606

Tgt Ion:152 Resp: 182194

Ion	Ratio	Lower	Upper
152	100		
115	53.4	41.4	124.2
150	156.9	0.0	345.2