Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100918\
Data File : VX005189.D
Acq On : 10 Oct 2018 05:39
Operator : JC/MD
Sample : J5303-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SA-TW513-3034

Quant Time: Oct 19 16:08:55 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	179226	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	286480	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	287939	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	164877	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	142716	55.74	ug/l	0.00
Spiked Amount 50.000			Recovery = 111.48%			
35) Dibromofluoromethane	5.50	113	119588	49.25	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.50%			
50) Toluene-d8	8.72	98	419646	51.99	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.98%			
62) 4-Bromofluorobenzene	11.14	95	154209	53.03	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.06%			
Target Compounds						Qvalue
16) Acetone	2.45	43	3100	2.074	ug/l #	89
24) 1,1-Dichloroethane	3.70	63	6452	1.516	ug/l	96
40) Benzene	6.14	78	2623	0.253	ug/l #	87
44) Trichloroethene	7.21	130	1068	0.419	ug/l	84
64) Tetrachloroethene	9.34	164	2277	0.803	ug/l	95
83) tert-Butylbenzene	11.77	119	2364	0.276	ug/l	81
85) sec-Butylbenzene	11.94	105	10927	1.048	ug/l	86

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

Quantitation Report (QT/LSC Reviewed)

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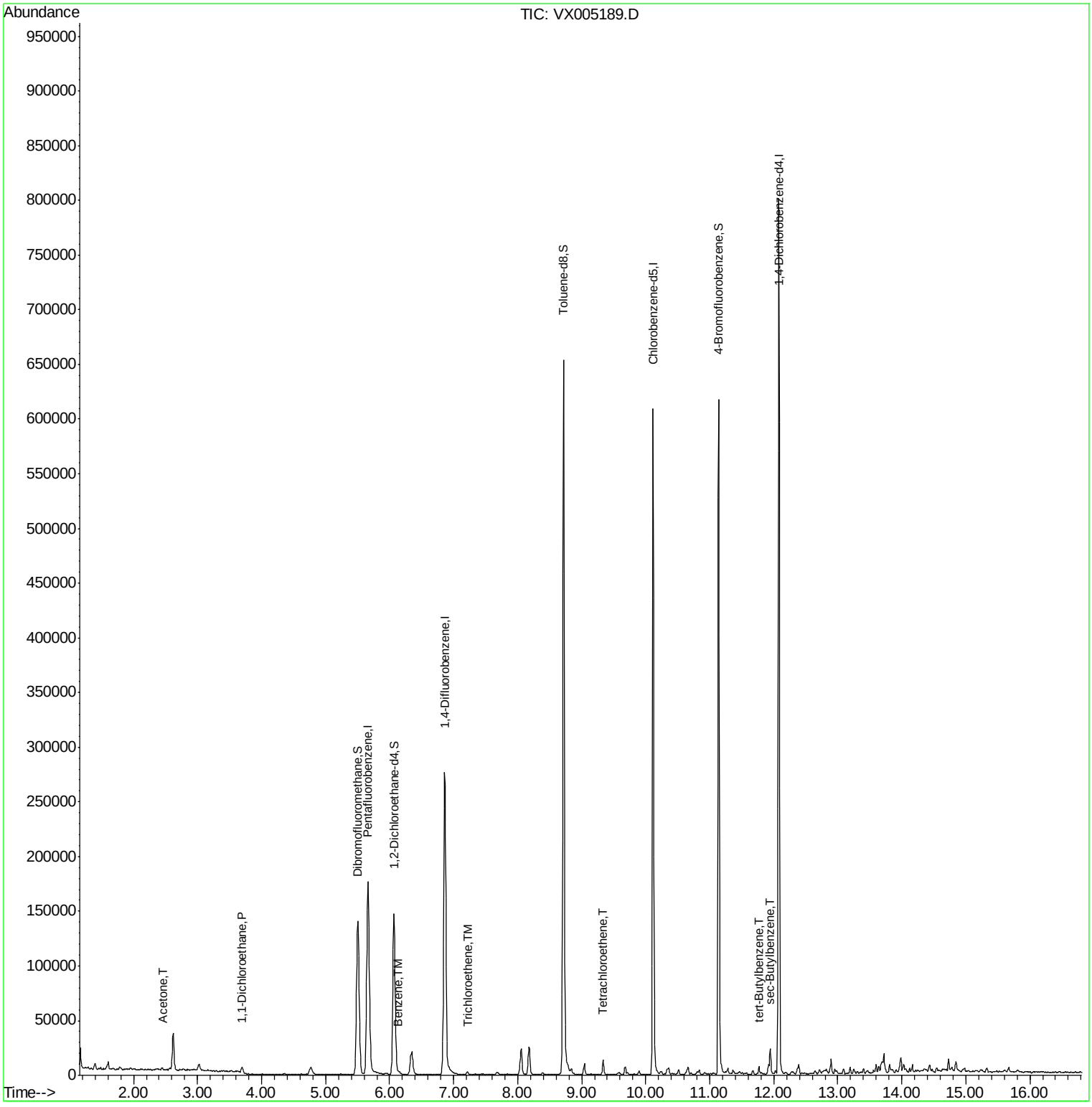
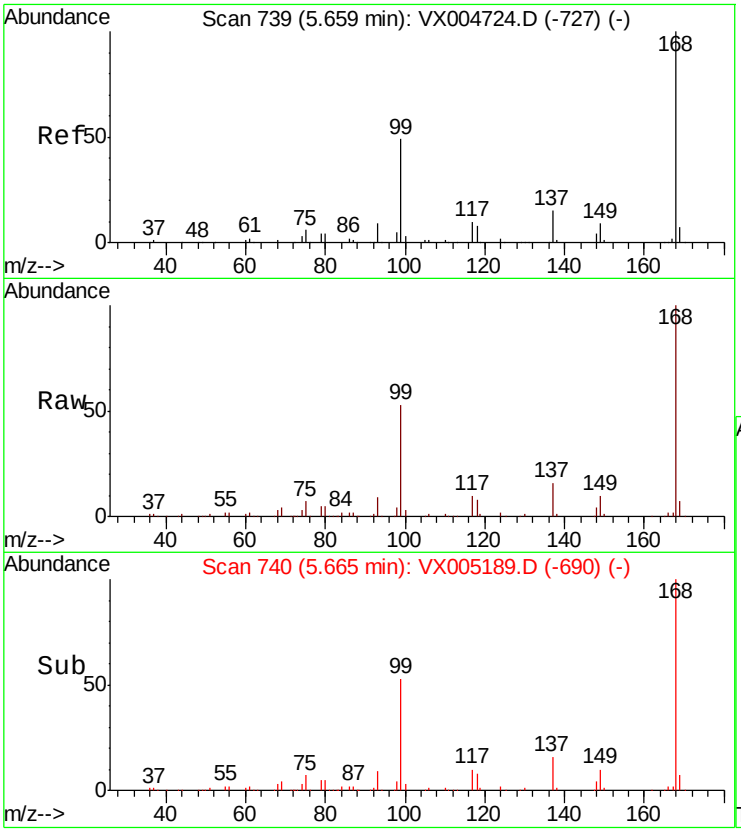


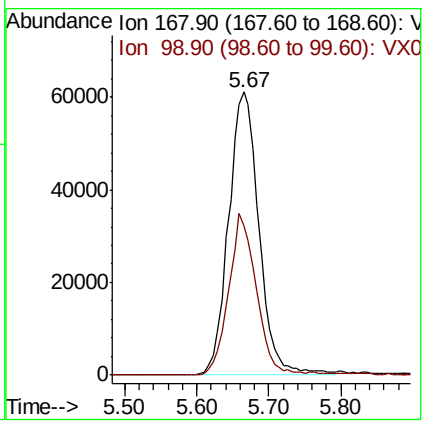


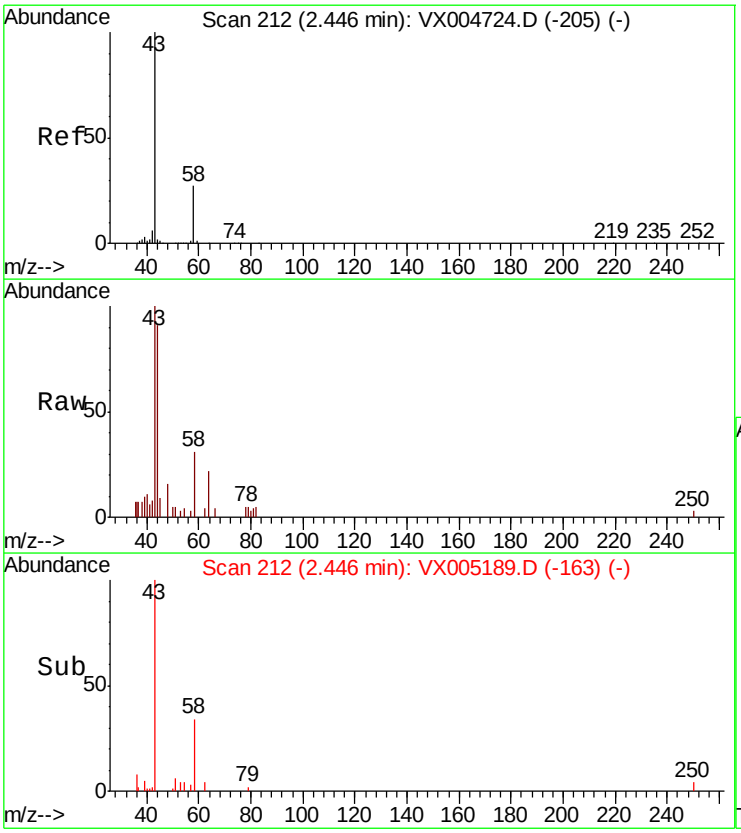
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX005189.D
Acq: 10 Oct 2018 05:39

Instrument :
MSVOA_X
ClientSampleId :
SA-TW513-3034

Tgt Ion:168 Resp: 179226

Ion	Ratio	Lower	Upper
168	100		
99	52.6	39.3	58.9

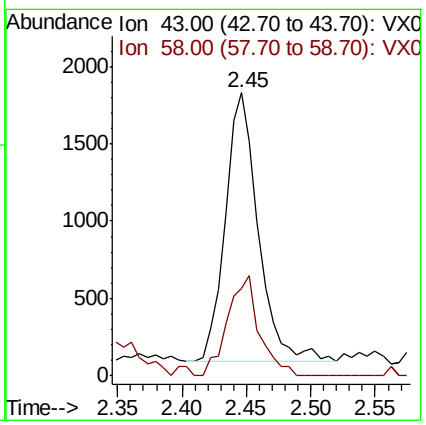


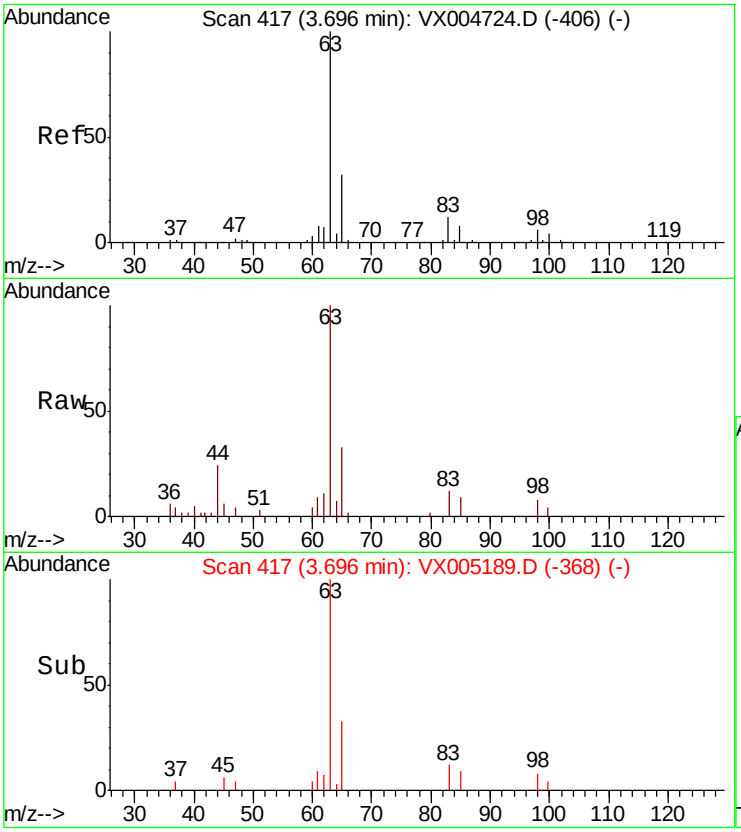


#16
Acetone
Concen: 2.074 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX005189.D
Acq: 10 Oct 2018 05:39

Tgt Ion: 43 Resp: 3100

Ion	Ratio	Lower	Upper
43	100		
58	32.7	21.8	32.6#



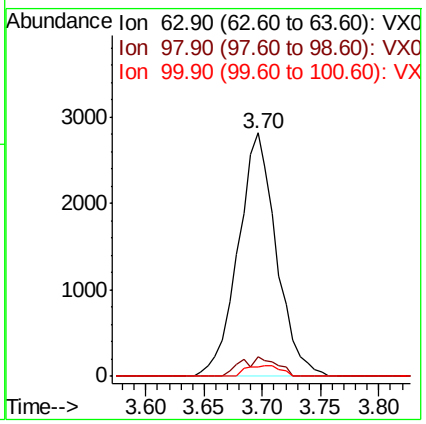


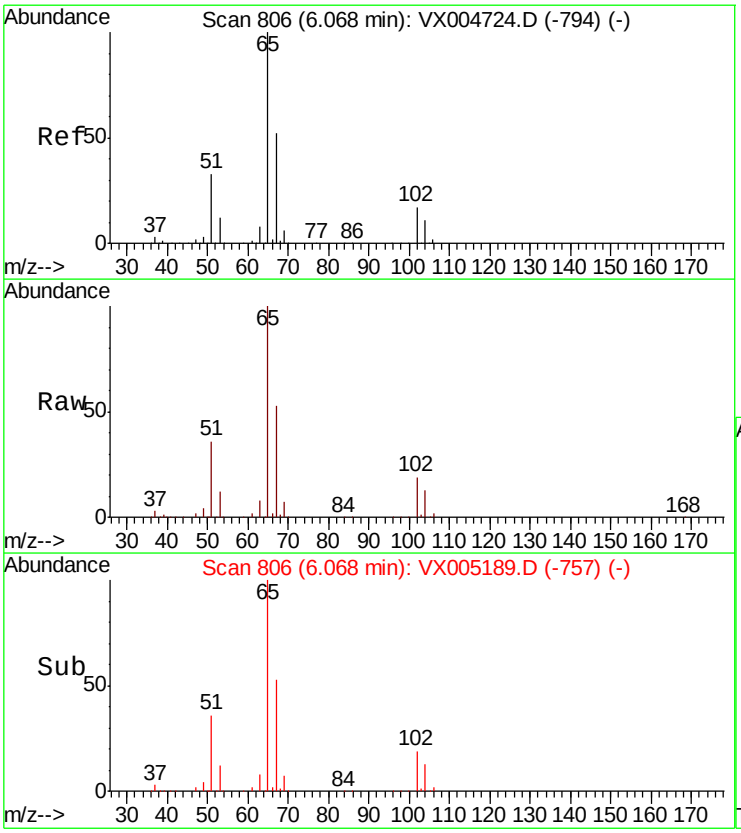
#24
1,1-Dichloroethane
Concen: 1.516 ug/l
RT: 3.70 min Scan# 417
Delta R.T. 0.00 min
Lab File: VX005189.D
Acq: 10 Oct 2018 05:39

Instrument :
MSVOA_X
ClientSampleId :
SA-TW513-3034

Tgt Ion: 63 Resp: 6452

Ion	Ratio	Lower	Upper
63	100		
98	8.2	3.0	9.2
100	3.6	2.0	5.8

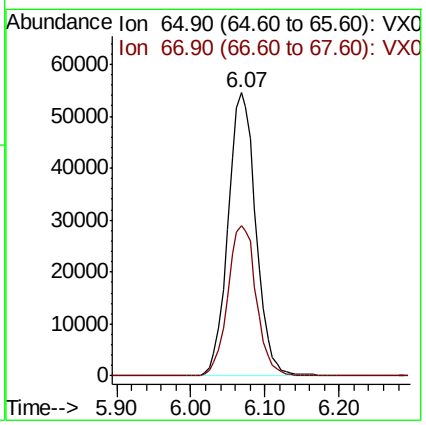


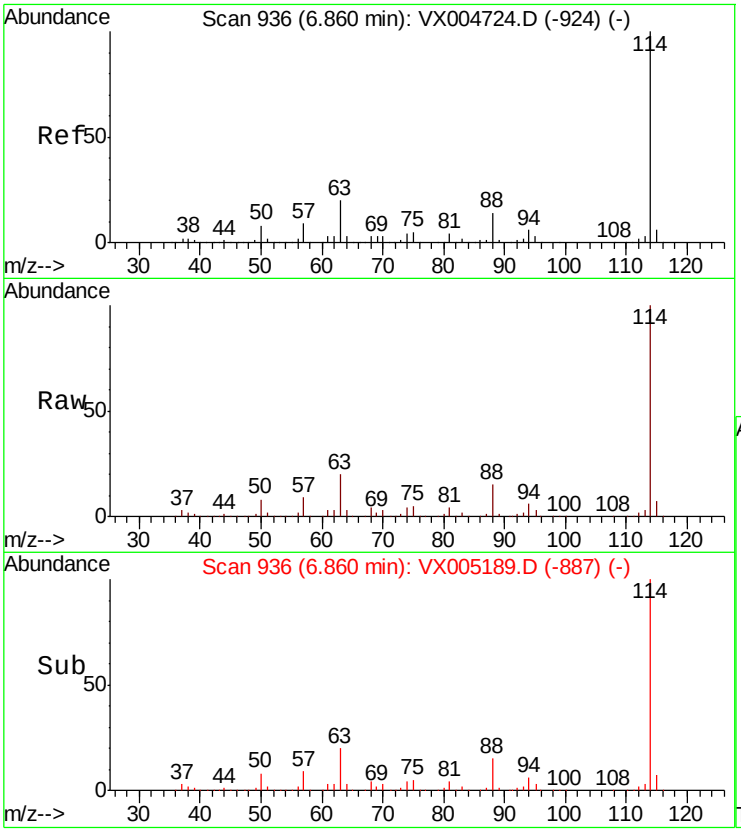


#33
1,2-Dichloroethane-d4
Concen: 55.743 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX005189.D
Acq: 10 Oct 2018 05:39

Tgt Ion: 65 Resp: 142716

Ion	Ratio	Lower	Upper
65	100		
67	54.2	0.0	107.4



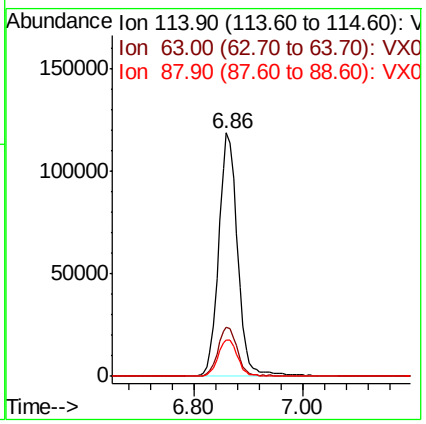


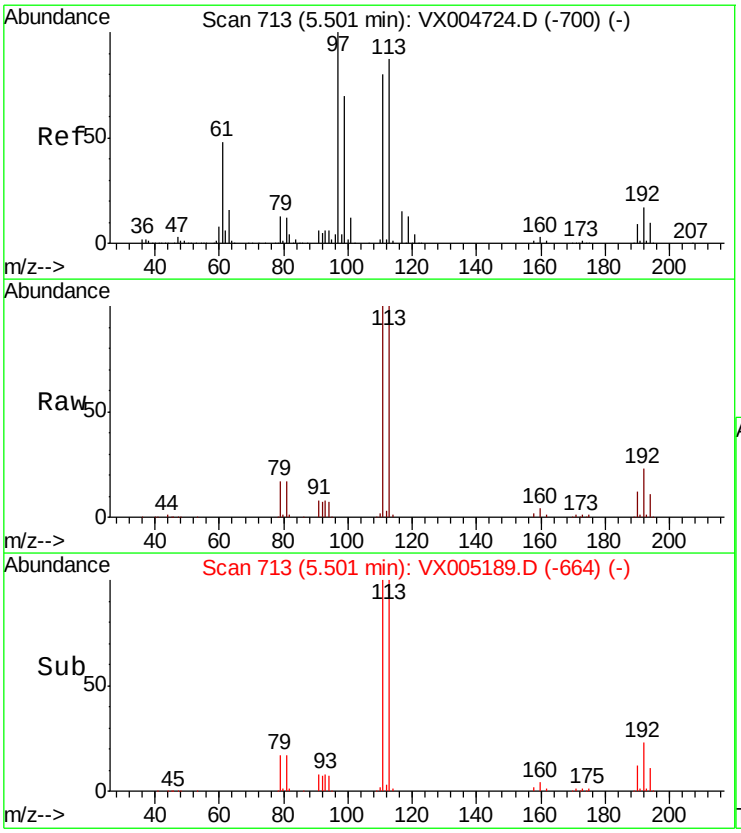
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX005189.D
Acq: 10 Oct 2018 05:39

Instrument :
MSVOA_X
ClientSampleId :
SA-TW513-3034

Tgt Ion:114 Resp: 286480

Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	39.8
88	15.0	0.0	27.0

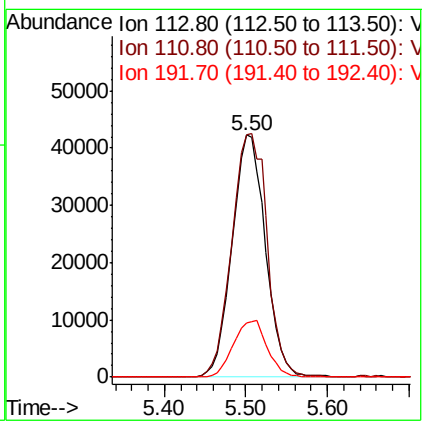


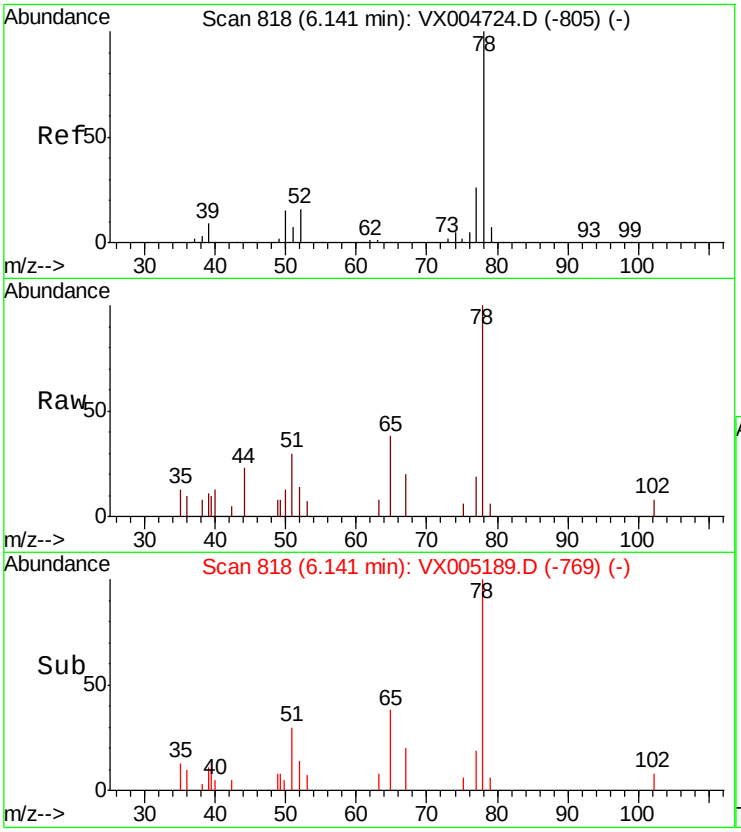


#35
Dibromofluoromethane
Concen: 49.255 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX005189.D
Acq: 10 Oct 2018 05:39

Tgt Ion:113 Resp: 119588

Ion	Ratio	Lower	Upper
113	100		
111	107.2	77.0	115.4
192	23.8	17.0	25.6



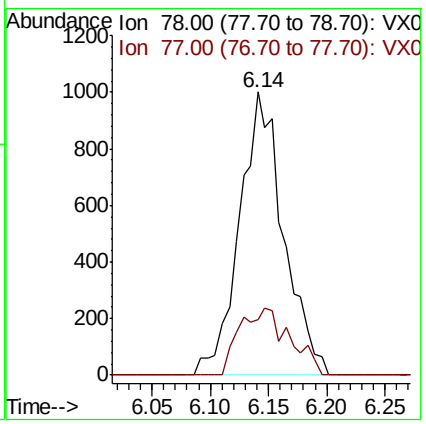


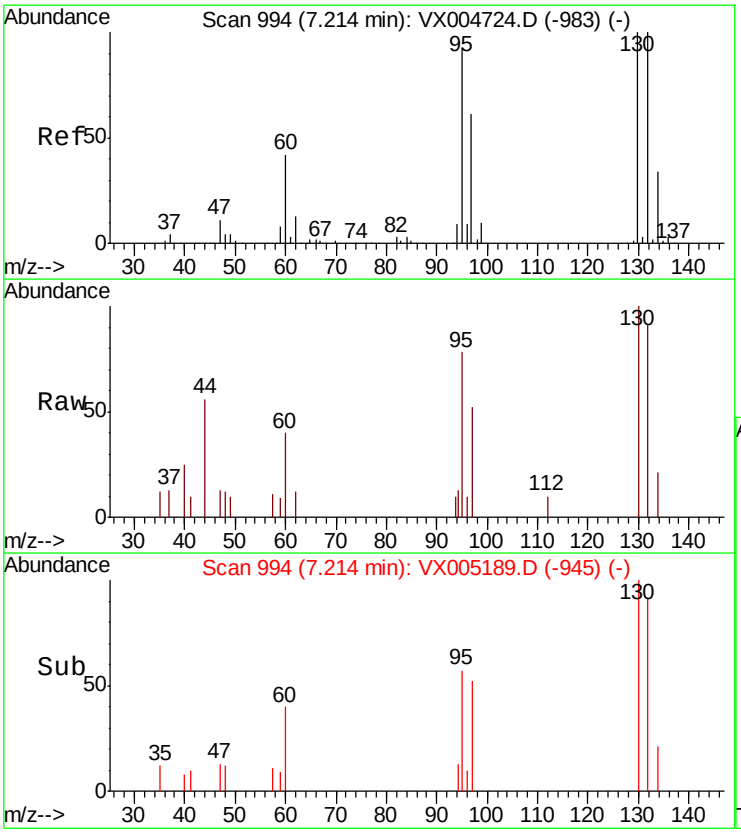
#40
Benzene
Concen: 0.253 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX005189.D
Acq: 10 Oct 2018 05:39

Instrument :
MSVOA_X
ClientSampleId :
SA-TW513-3034

Tgt Ion: 78 Resp: 2623

Ion	Ratio	Lower	Upper
78	100		
77	19.5	21.0	31.4#

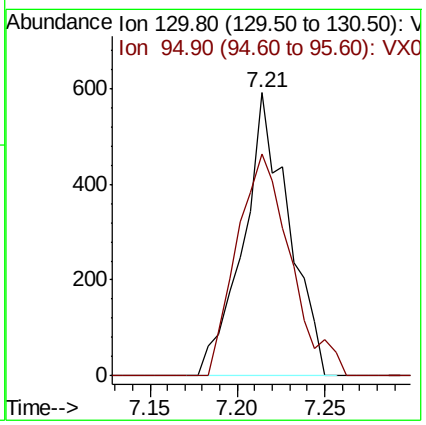


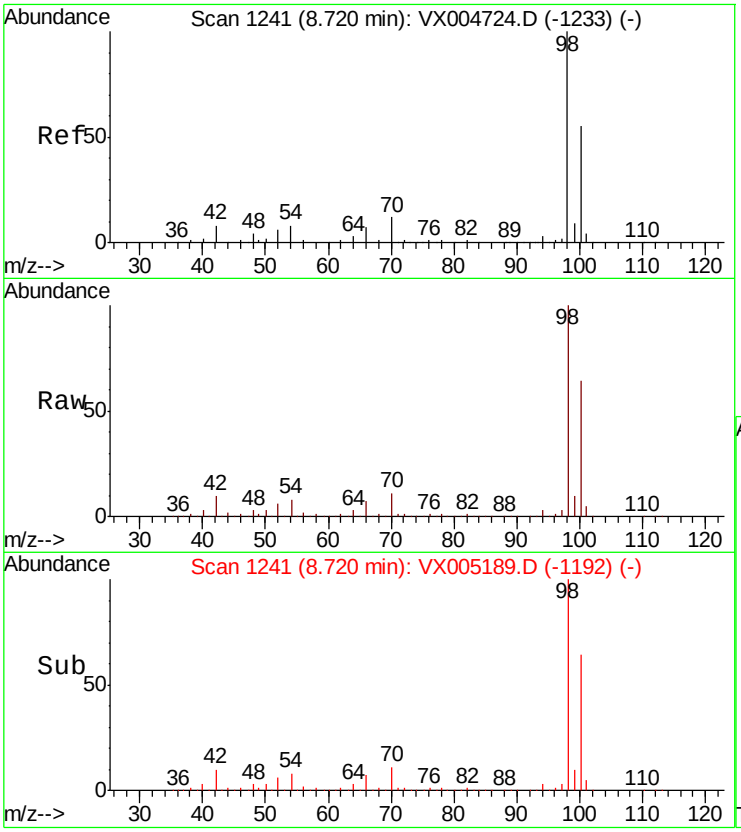


#44
Trichloroethene
Concen: 0.419 ug/l
RT: 7.21 min Scan# 994
Delta R.T. 0.00 min
Lab File: VX005189.D
Acq: 10 Oct 2018 05:39

Tgt Ion:130 Resp: 1068

Ion	Ratio	Lower	Upper
130	100		
95	78.3	0.0	186.8



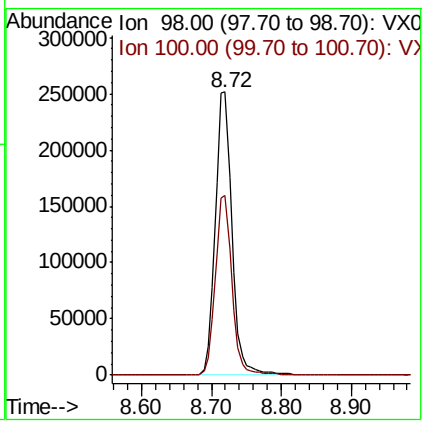


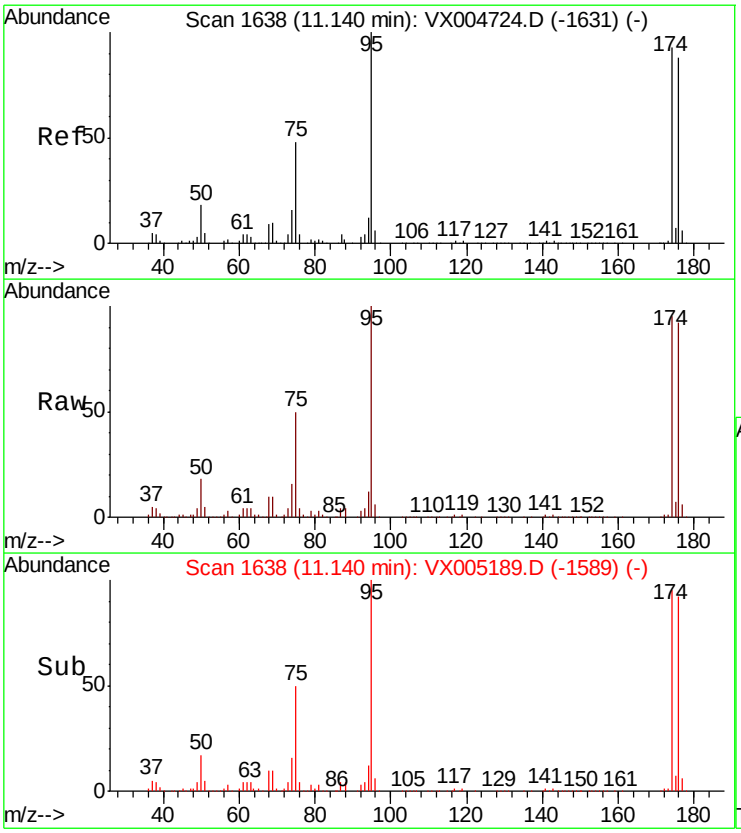
#50
Toluene-d8
Concen: 51.990 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VX005189.D
Acq: 10 Oct 2018 05:39

Instrument :
MSVOA_X
ClientSampleId :
SA-TW513-3034

Tgt Ion: 98 Resp: 419646

Ion	Ratio	Lower	Upper
98	100		
100	63.3	51.9	77.9

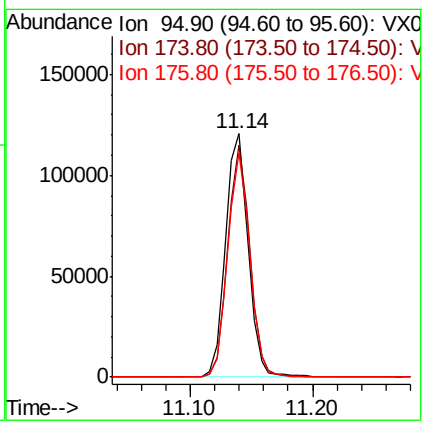


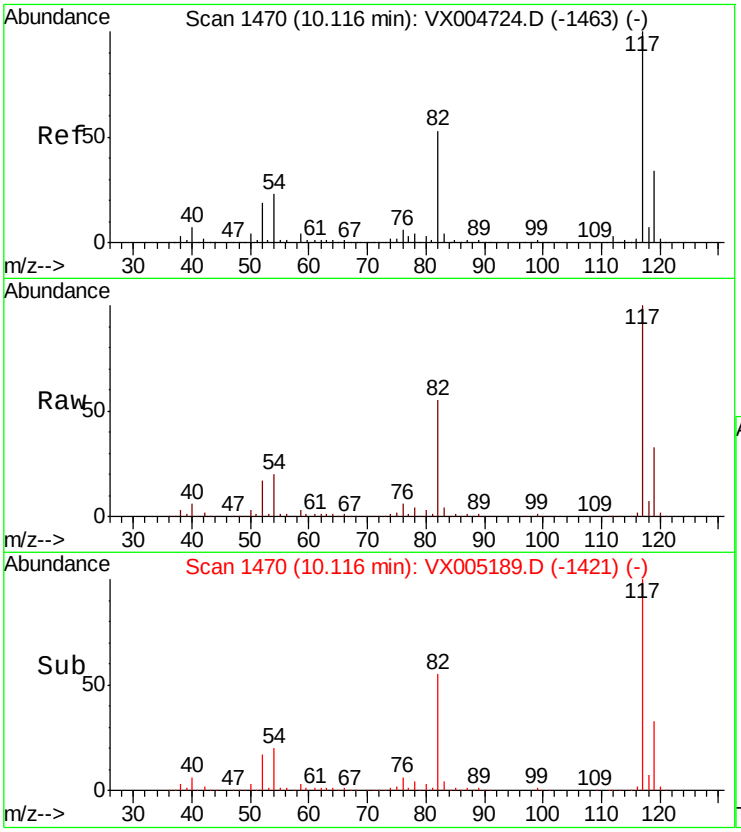


#62
4-Bromofluorobenzene
Concen: 53.031 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX005189.D
Acq: 10 Oct 2018 05:39

Tgt Ion: 95 Resp: 154209

Ion	Ratio	Lower	Upper
95	100		
174	93.0	0.0	185.0
176	89.7	0.0	180.2



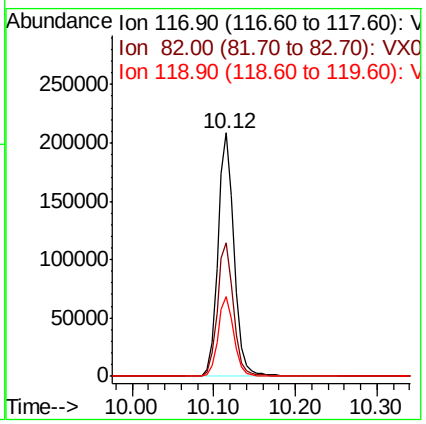


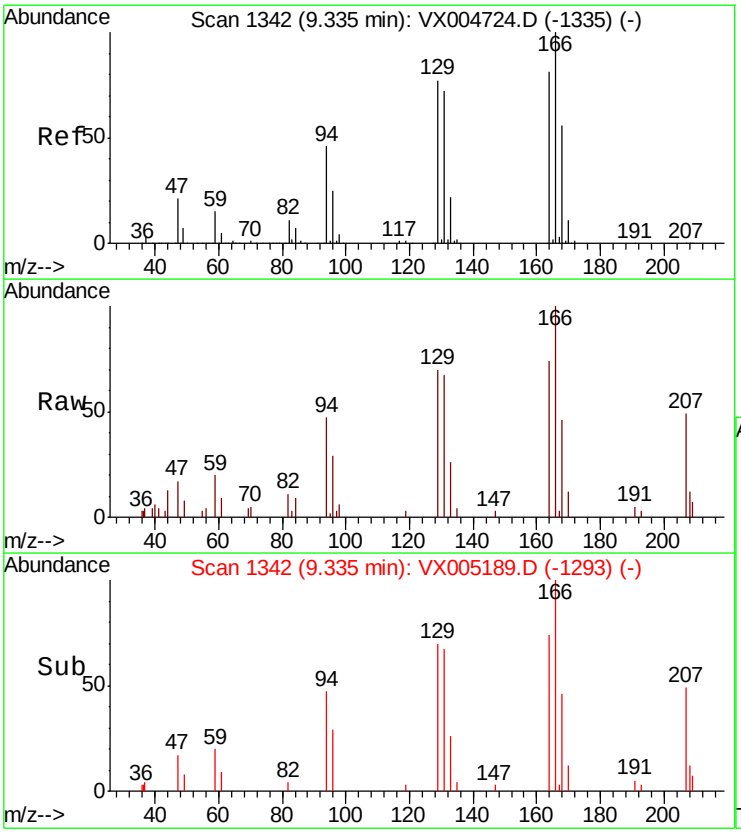
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005189.D
Acq: 10 Oct 2018 05:39

Instrument : MSVOA_X
ClientSampleId : SA-TW513-3034

Tgt Ion:117 Resp: 287939

Ion	Ratio	Lower	Upper
117	100		
82	54.7	42.2	63.4
119	32.6	27.4	41.0

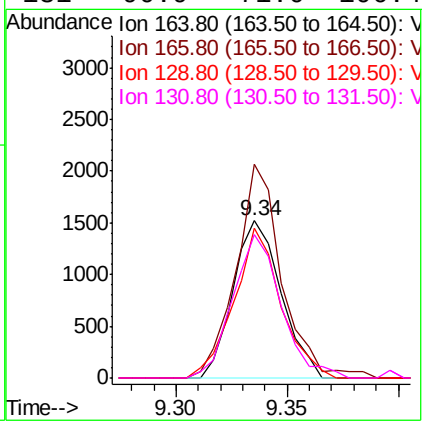


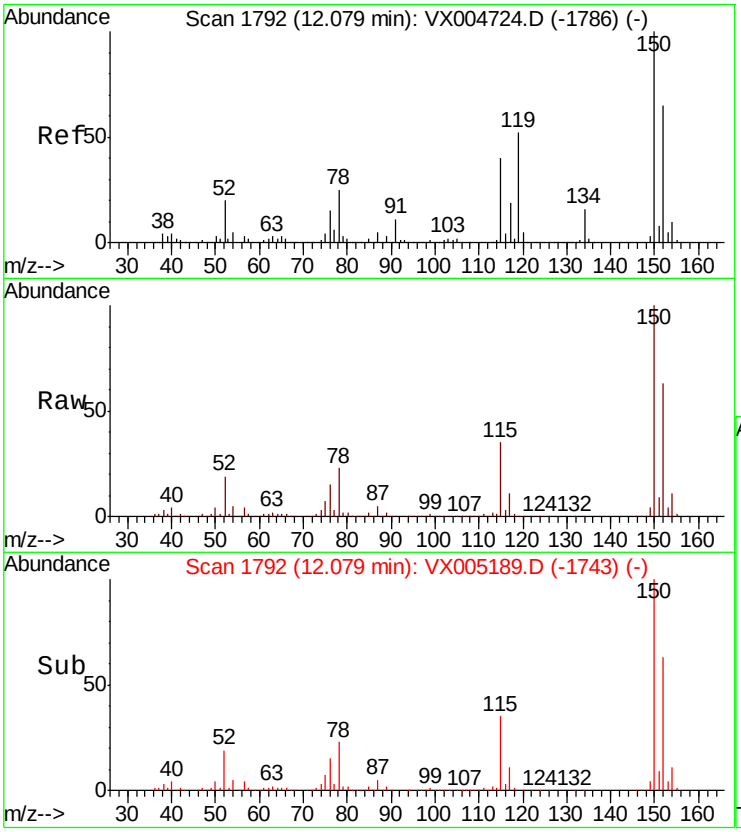


#64
Tetrachloroethene
Concen: 0.803 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX005189.D
Acq: 10 Oct 2018 05:39

Tgt Ion:164 Resp: 2277

Ion	Ratio	Lower	Upper
164	100		
166	135.8	98.4	147.6
129	95.5	76.1	114.1
131	90.9	71.0	106.4



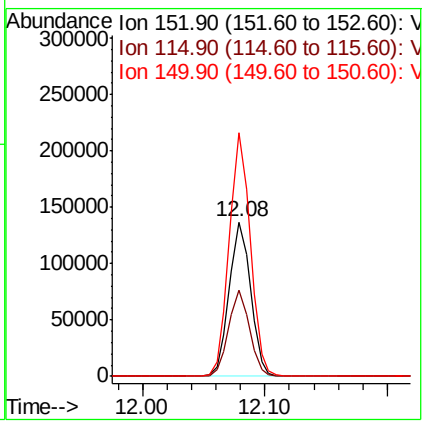


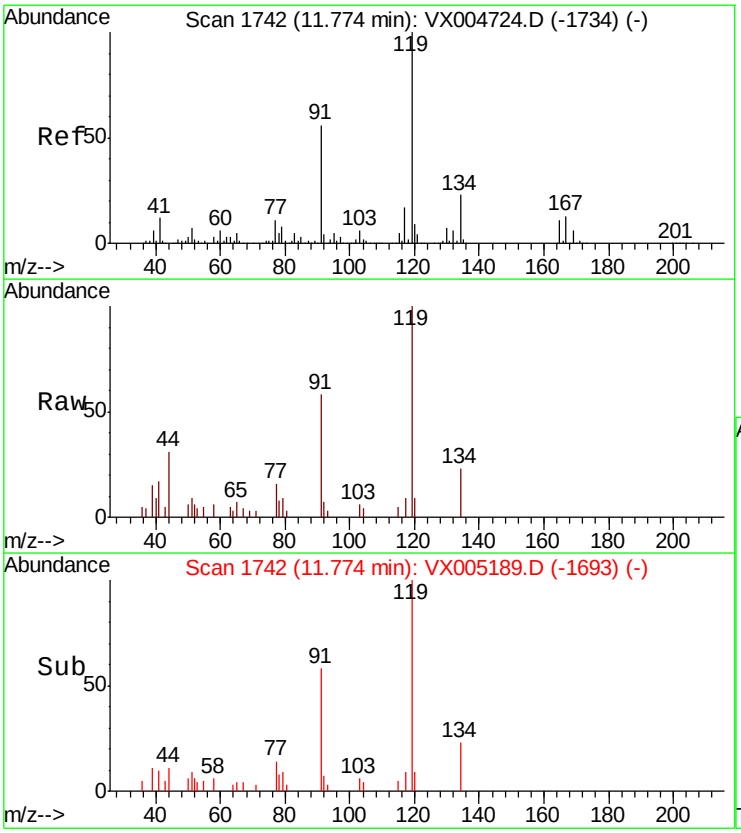
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX005189.D
Acq: 10 Oct 2018 05:39

Instrument :
MSVOA_X
ClientSampleId :
SA-TW513-3034

Tgt Ion:152 Resp: 164877

Ion	Ratio	Lower	Upper
152	100		
115	54.7	40.2	120.6
150	155.4	0.0	351.0

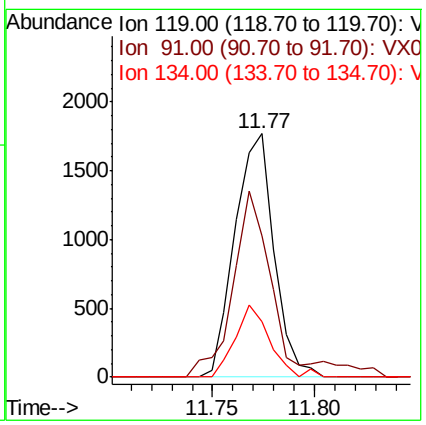


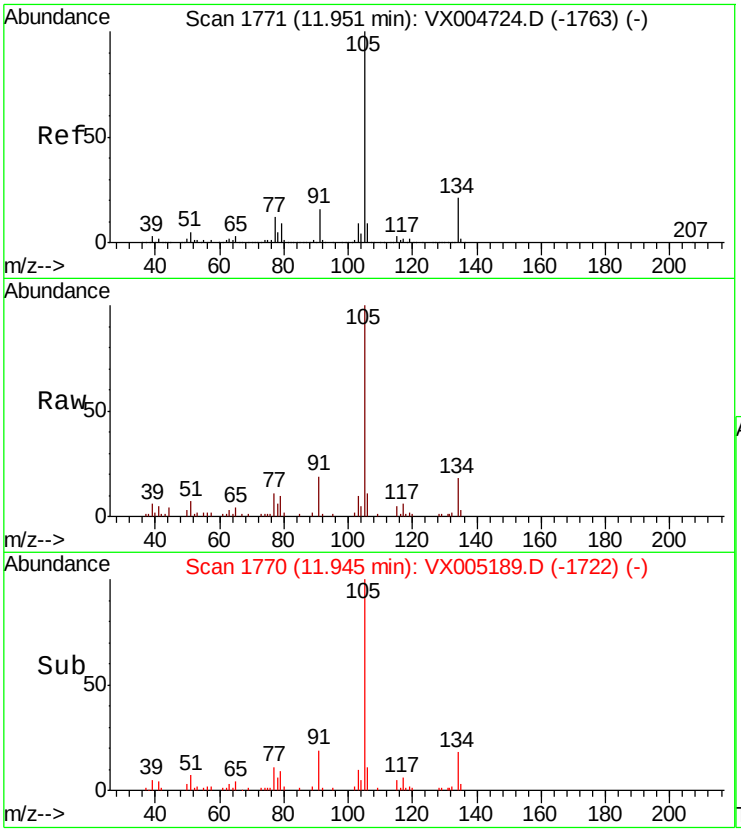


#83
tert-Butylbenzene
Concen: 0.276 ug/l
RT: 11.77 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX005189.D
Acq: 10 Oct 2018 05:39

Tgt Ion:119 Resp: 2364

Ion	Ratio	Lower	Upper
119	100		
91	72.5	27.5	82.5
134	26.0	11.5	34.4





#85
sec-Butylbenzene
Concen: 1.048 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. -0.01 min
Lab File: VX005189.D
Acq: 10 Oct 2018 05:39

Instrument :
MSVOA_X
ClientSampleId :
SA-TW513-3034

Tgt Ion:105 Resp: 10927

Ion	Ratio	Lower	Upper
105	100		
134	26.9	10.2	30.4