Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122618\
Data File : VX006816.D
Acq On : 26 Dec 2018 14:16
Operator : JC/MD
Sample : J6549-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : TW-1

Quant Time: Dec 27 09:07:19 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	673553	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	993688	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	919845	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	470475	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	343230	47.28	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.56%			
35) Dibromofluoromethane	5.50	113	298869	47.56	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.12%			
50) Toluene-d8	8.71	98	1174038	49.56	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.12%			
62) 4-Bromofluorobenzene	11.13	95	430772	49.65	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.30%			
Target Compounds						Qvalue
16) Acetone	2.45	43	27551	8.261	ug/l	94
25) 2-Butanone	4.70	43	10894	2.322	ug/l #	87
40) Benzene	6.14	78	107328	4.290	ug/l	100
67) Ethyl Benzene	10.25	91	713794	22.447	ug/l	98
68) m/p-Xylenes	10.36	106	15924	1.269	ug/l	97
73) Isopropylbenzene	11.02	105	89358	2.776	ug/l	97
78) n-propylbenzene	11.36	91	150048	4.233	ug/l	99
83) tert-Butylbenzene	11.77	119	36503	1.376	ug/l	87

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

Quantitation Report (QT/LSC Reviewed)

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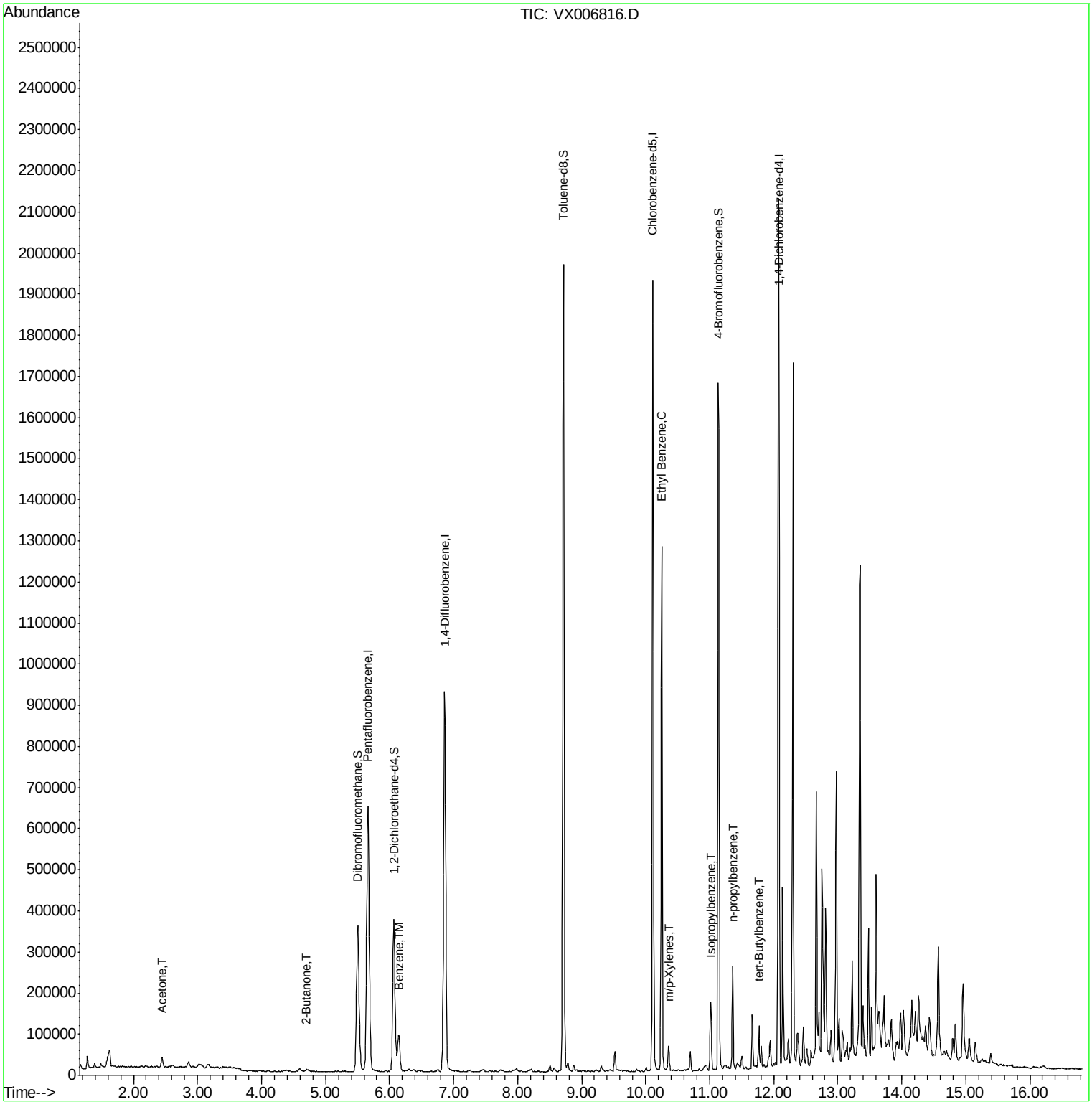
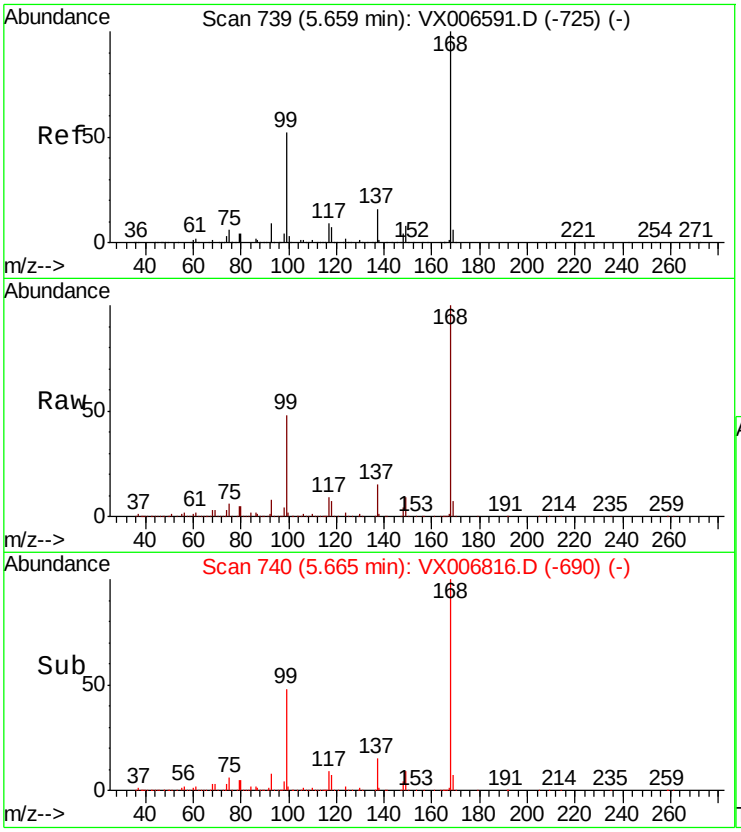
Response via : Initial Calibration



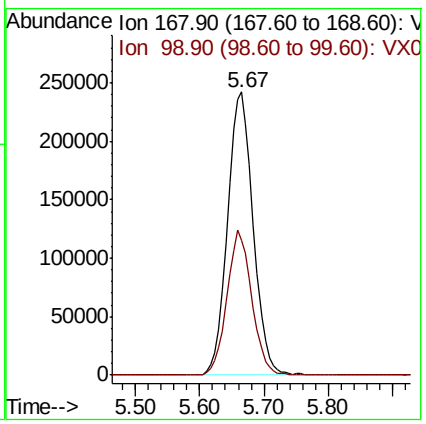


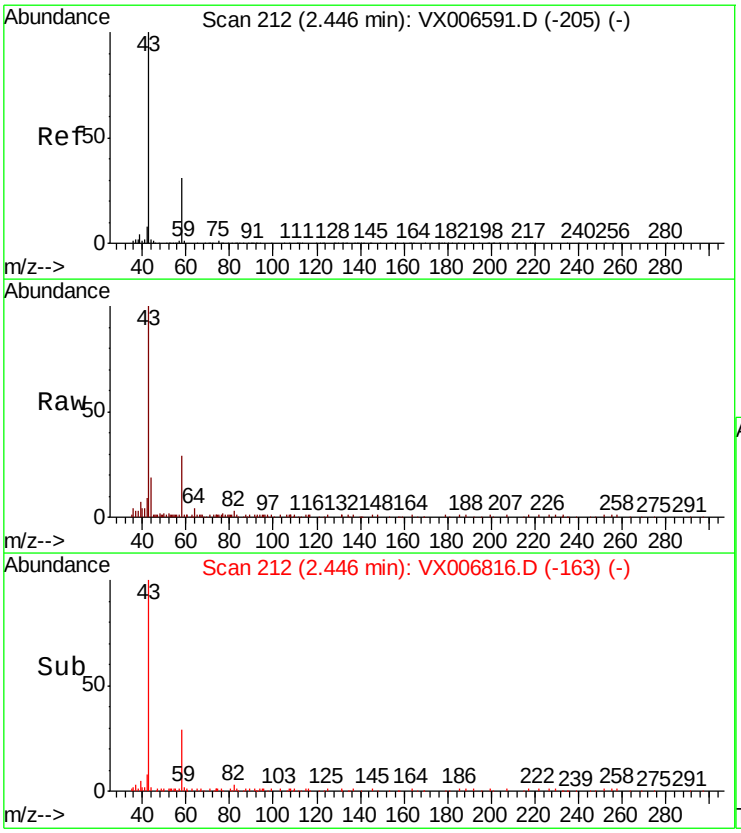
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX006816.D
Acq: 26 Dec 2018 14:16

Instrument :
MSVOA_X
ClientSampleId :
TW-1

Tgt Ion:168 Resp: 673553

Ion	Ratio	Lower	Upper
168	100		
99	47.4	41.8	62.8

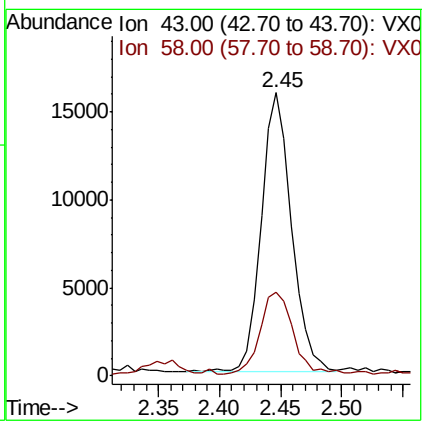


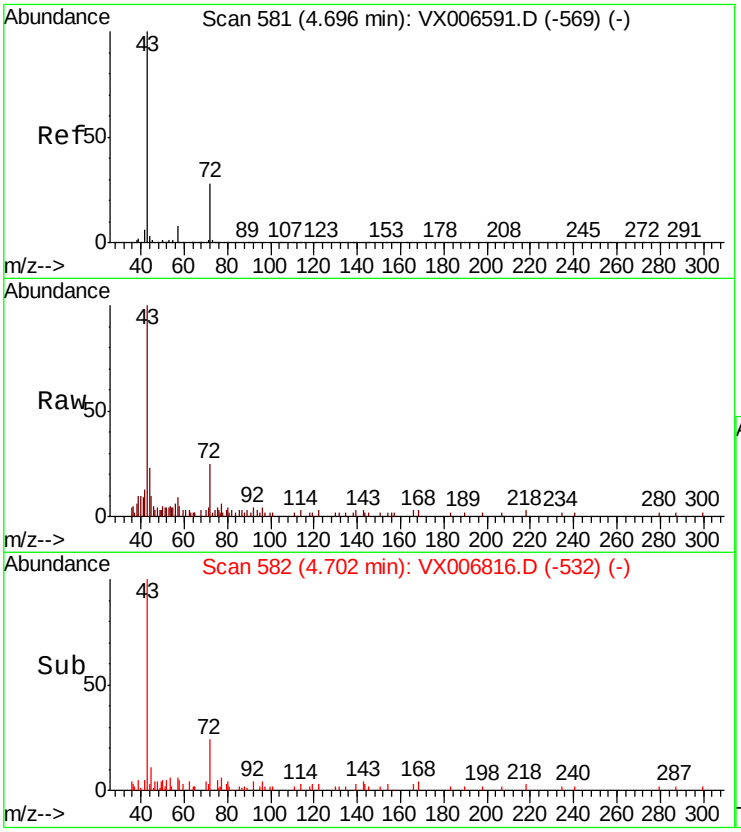


#16
Acetone
Concen: 8.261 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX006816.D
Acq: 26 Dec 2018 14:16

Tgt Ion: 43 Resp: 27551

Ion	Ratio	Lower	Upper
43	100		
58	28.0	25.0	37.6



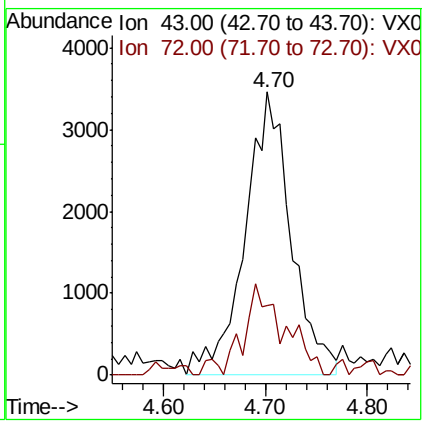


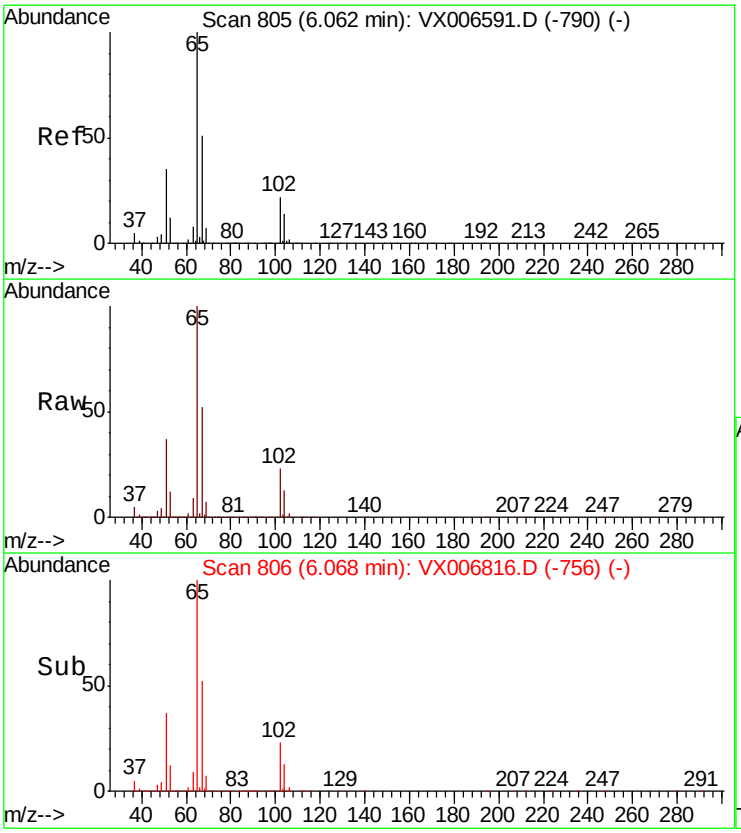
#25
2-Butanone
Concen: 2.322 ug/l
RT: 4.70 min Scan# 582
Delta R.T. 0.01 min
Lab File: VX006816.D
Acq: 26 Dec 2018 14:16

Instrument :
MSVOA_X
ClientSampleId :
TW-1

Tgt Ion: 43 Resp: 10894

Ion	Ratio	Lower	Upper
43	100		
72	21.4	22.4	33.6#

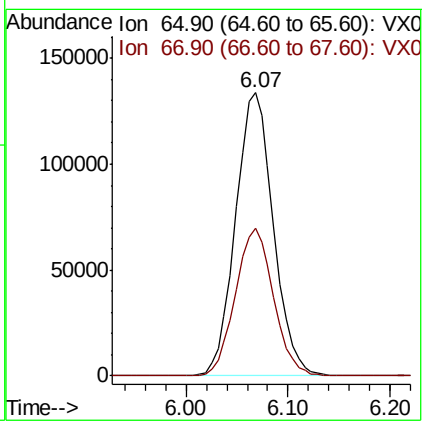


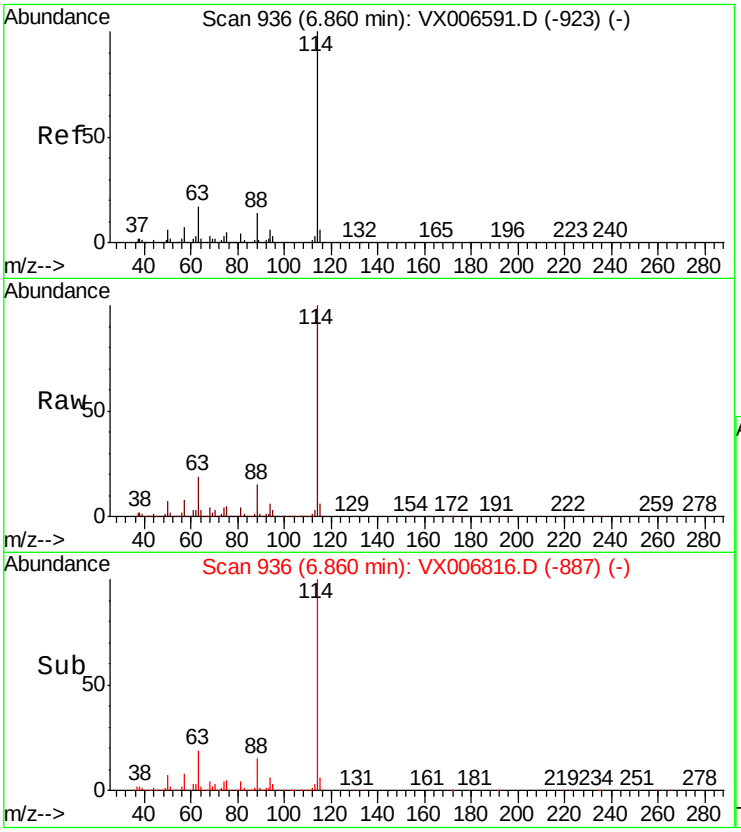


#33
1,2-Dichloroethane-d4
Concen: 47.282 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.01 min
Lab File: VX006816.D
Acq: 26 Dec 2018 14:16

Tgt Ion: 65 Resp: 343230

Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	105.0



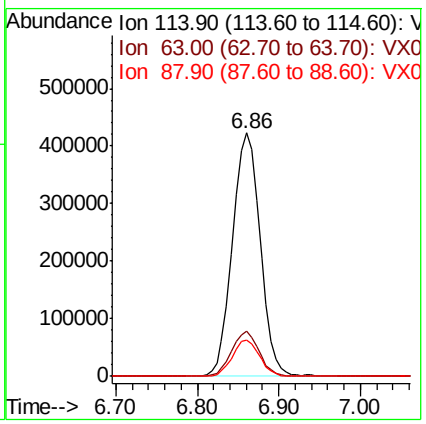


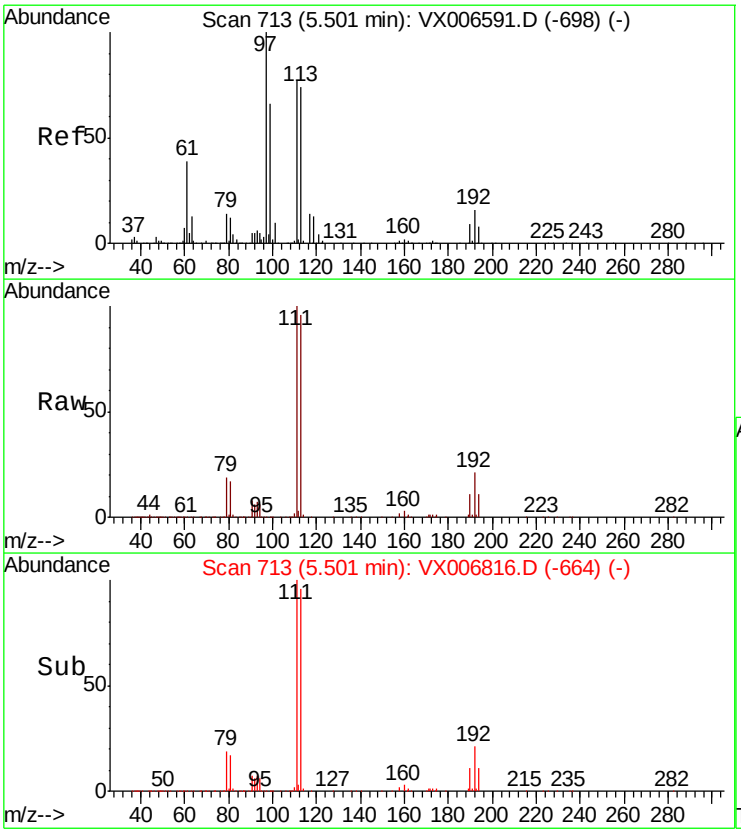
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX006816.D
Acq: 26 Dec 2018 14:16

Instrument :
MSVOA_X
ClientSampleId :
TW-1

Tgt Ion:114 Resp: 993688

Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	34.8
88	14.7	0.0	28.8

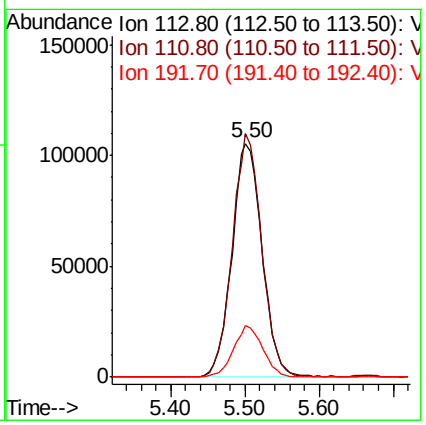


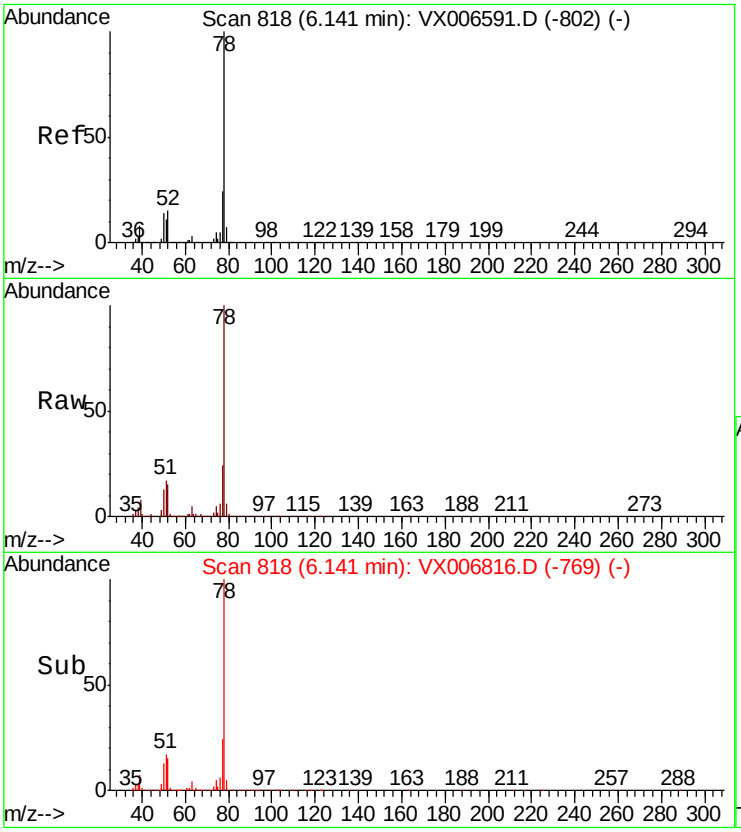


#35
Dibromofluoromethane
Concen: 47.561 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX006816.D
Acq: 26 Dec 2018 14:16

Tgt Ion:113 Resp: 298869

Ion	Ratio	Lower	Upper
113	100		
111	101.5	81.6	122.4
192	21.3	16.7	25.1



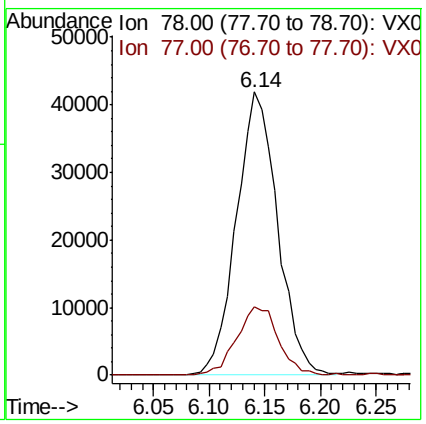


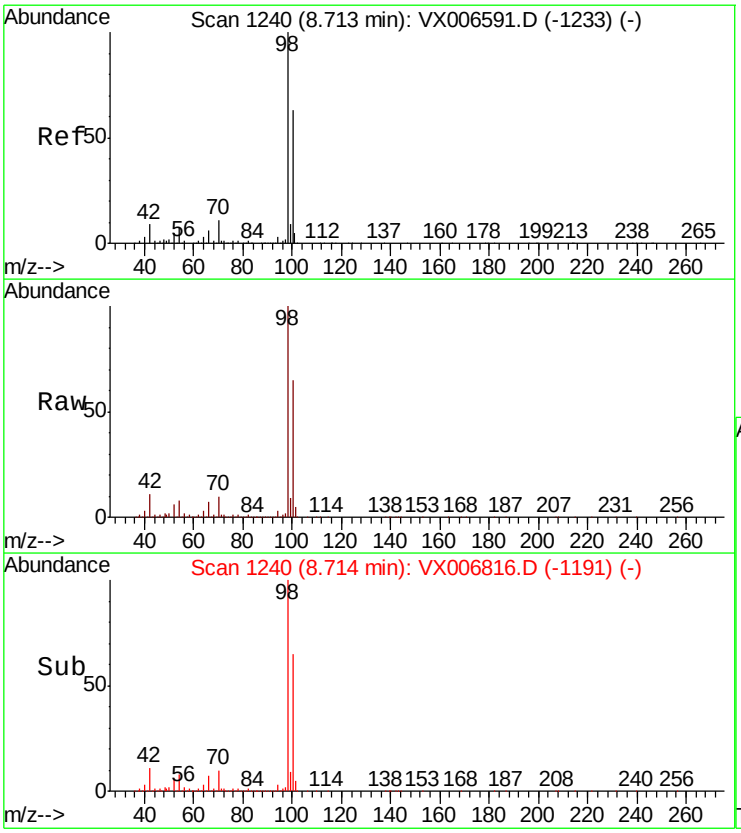
#40
Benzene
Concen: 4.290 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX006816.D
Acq: 26 Dec 2018 14:16

Instrument :
MSVOA_X
ClientSampleId :
TW-1

Tgt Ion: 78 Resp: 107328

Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.2	28.8

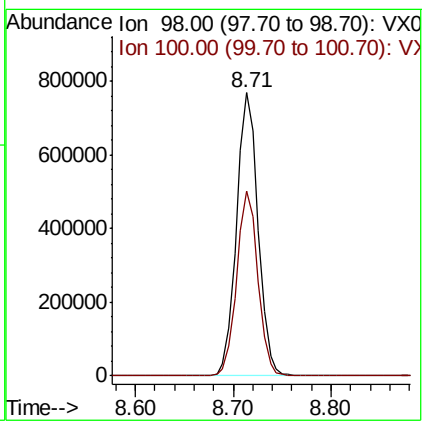


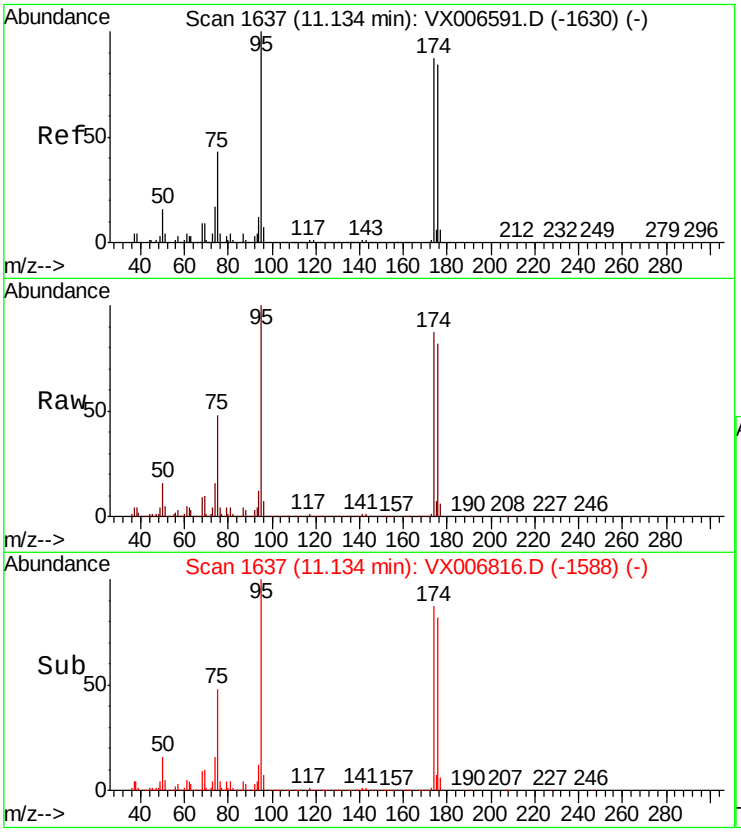


#50
Toluene-d8
Concen: 49.557 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006816.D
Acq: 26 Dec 2018 14:16

Tgt Ion: 98 Resp: 1174038

Ion	Ratio	Lower	Upper
98	100		
100	64.3	52.0	78.0



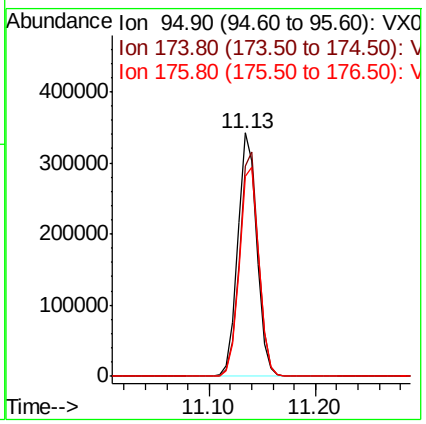


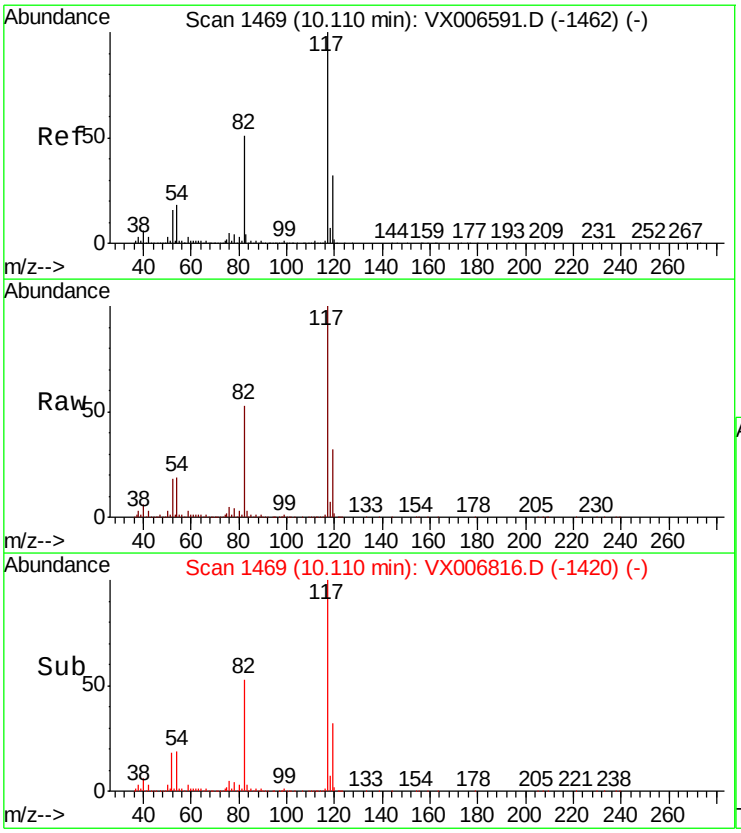
#62
4-Bromofluorobenzene
Concen: 49.648 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX006816.D
Acq: 26 Dec 2018 14:16

Instrument :
MSVOA_X
ClientSampleId :
TW-1

Tgt Ion: 95 Resp: 430772

Ion	Ratio	Lower	Upper
95	100		
174	92.1	0.0	182.2
176	88.3	0.0	178.8

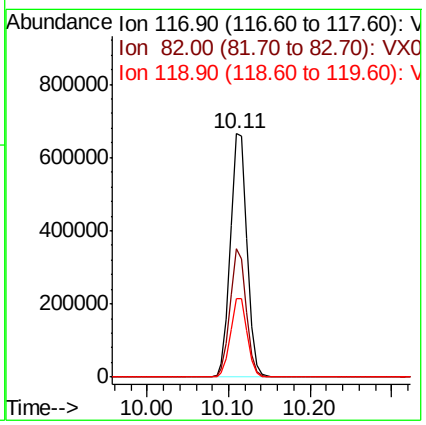


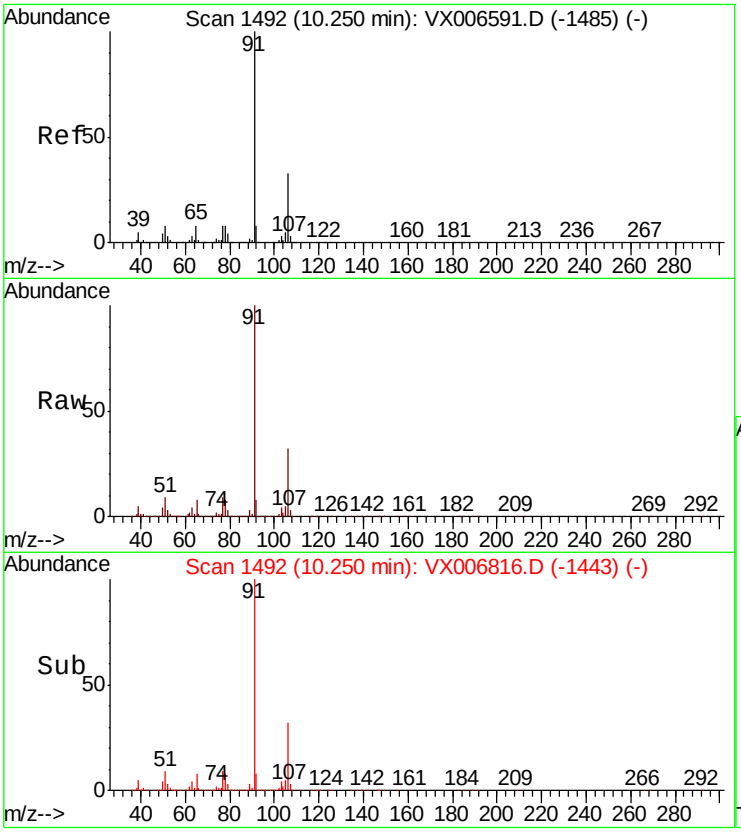


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX006816.D
Acq: 26 Dec 2018 14:16

Tgt Ion:117 Resp: 919845

Ion	Ratio	Lower	Upper
117	100		
82	52.6	41.0	61.6
119	32.1	25.4	38.0



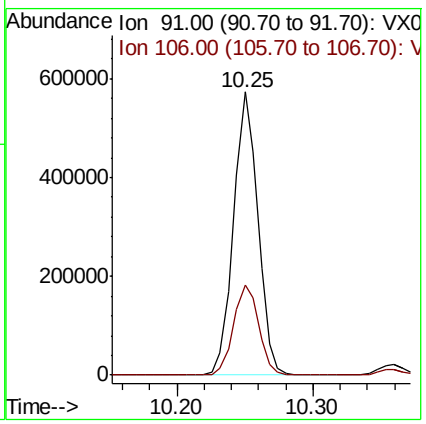


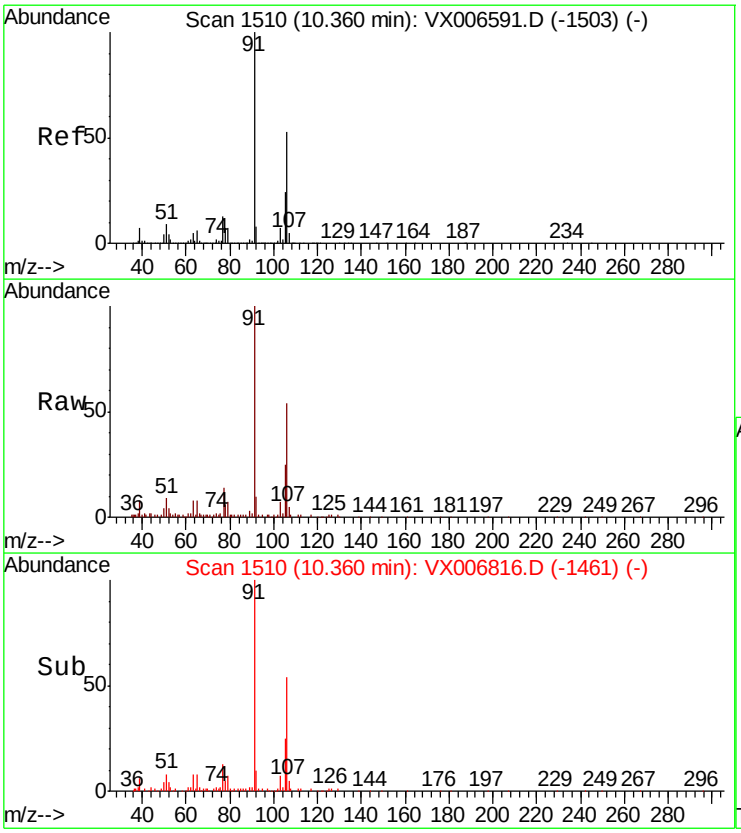
#67
Ethyl Benzene
Concen: 22.447 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX006816.D
Acq: 26 Dec 2018 14:16

Instrument : MSVOA_X
ClientSampleId : TW-1

Tgt Ion: 91 Resp: 713794

Ion	Ratio	Lower	Upper
91	100		
106	31.8	26.4	39.6

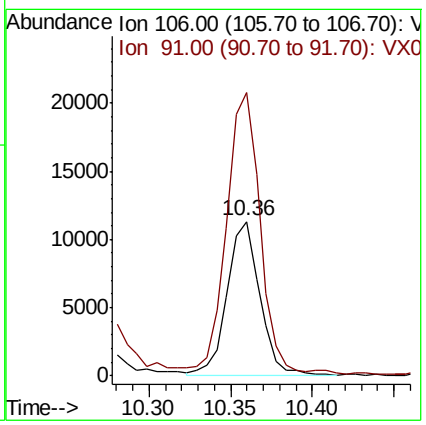


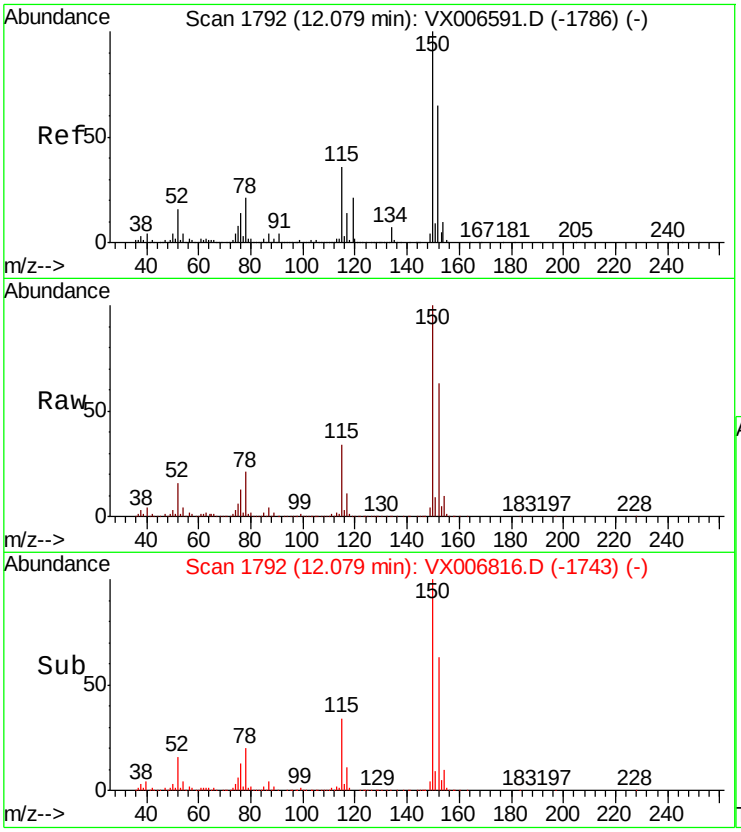


#68
m/p-Xylenes
Concen: 1.269 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX006816.D
Acq: 26 Dec 2018 14:16

Tgt Ion:106 Resp: 15924

Ion	Ratio	Lower	Upper
106	100		
91	190.7	155.8	233.6



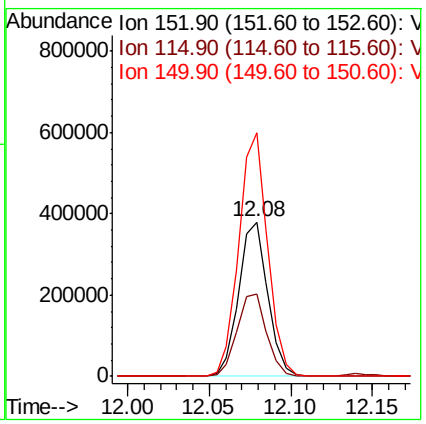


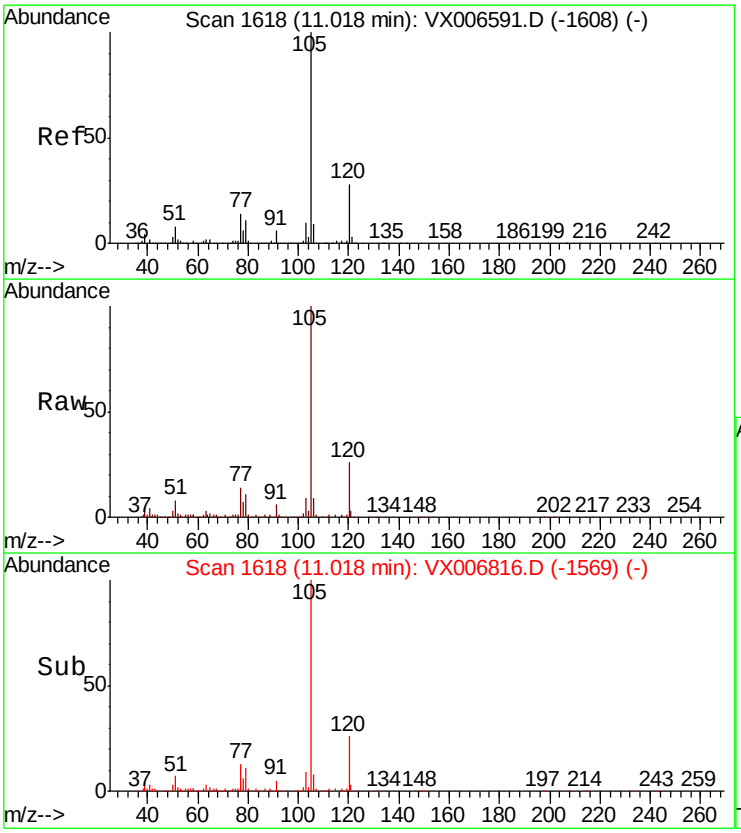
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006816.D
Acq: 26 Dec 2018 14:16

Instrument : MSVOA_X
ClientSampleId : TW-1

Tgt Ion:152 Resp: 470475

Ion	Ratio	Lower	Upper
152	100		
115	54.9	39.1	117.2
150	156.6	0.0	344.8

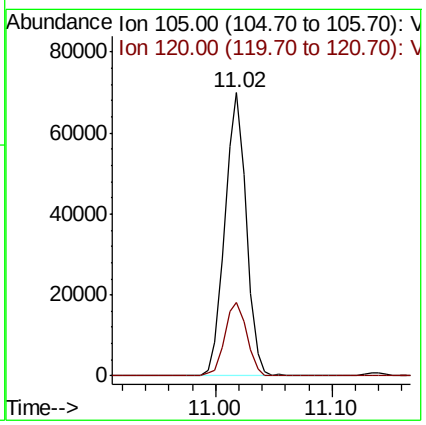


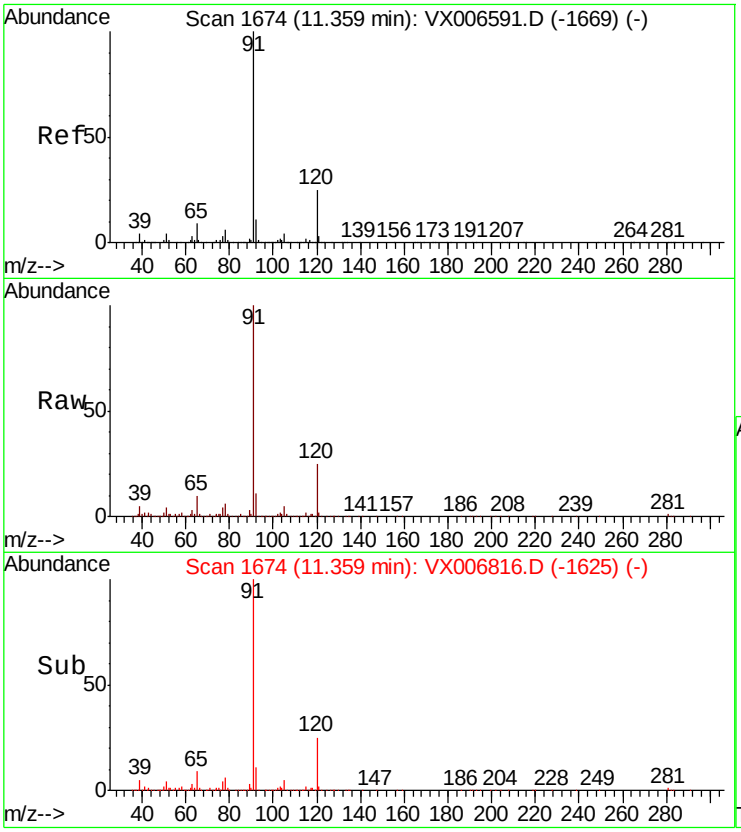


#73
Isopropylbenzene
Concen: 2.776 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX006816.D
Acq: 26 Dec 2018 14:16

Tgt Ion:105 Resp: 89358

Ion	Ratio	Lower	Upper
105	100		
120	26.8	14.1	42.4



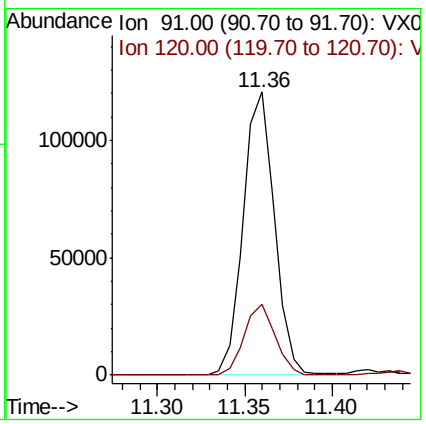


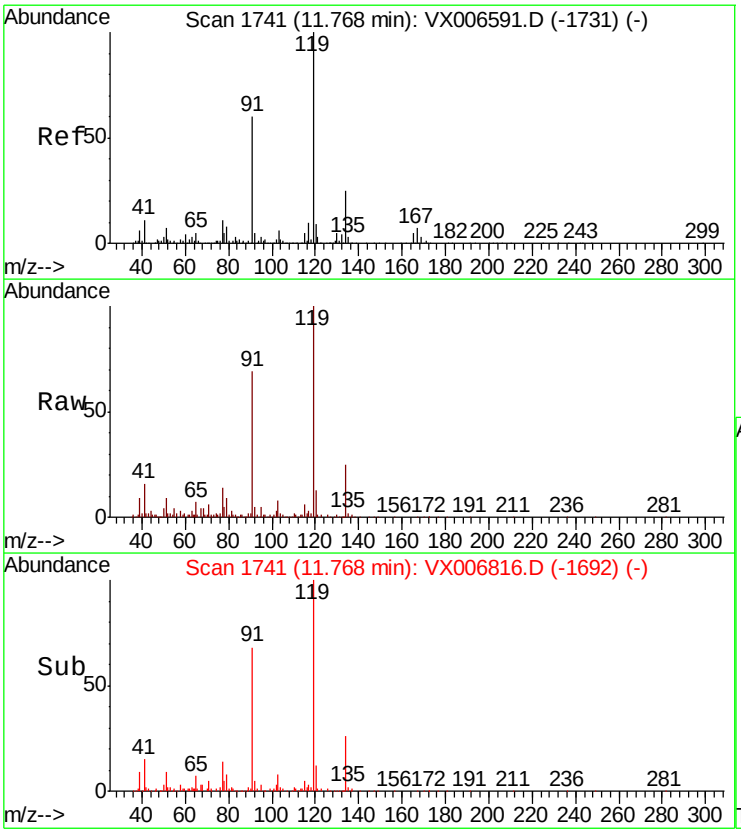
#78
n-propylbenzene
Concen: 4.233 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX006816.D
Acq: 26 Dec 2018 14:16

Instrument : MSVOA_X
ClientSampleId : TW-1

Tgt Ion: 91 Resp: 150048

Ion	Ratio	Lower	Upper
91	100		
120	24.8	12.7	38.0





#83
tert-Butylbenzene
Concen: 1.376 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX006816.D
Acq: 26 Dec 2018 14:16

Tgt Ion:119 Resp: 36503

Ion	Ratio	Lower	Upper
119	100		
91	68.2	27.7	83.1
134	24.9	11.9	35.5