Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070318\
Data File : VX003155.D
Acq On : 03 Jul 2018 18:06
Operator : JC/MD
Sample : J3754-09
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : S10-0144

Quant Time: Jul 05 09:41:23 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	269273	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	371589	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	343822	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	193743	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	171145	45.98	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.96%			
35) Dibromofluoromethane	5.51	113	142358	48.38	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.76%			
50) Toluene-d8	8.72	98	514587	47.89	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.78%			
62) 4-Bromofluorobenzene	11.14	95	182740	44.10	ug/l	0.00
Spiked Amount 50.000			Recovery = 88.20%			
Target Compounds						Qvalue
11) Tert butyl alcohol	3.07	59	13626	18.378	ug/l #	92
16) Acetone	2.45	43	6996	4.539	ug/l	95
31) Cyclohexane	5.58	56	7636	1.636	ug/l	95
39) Methylcyclohexane	7.46	83	2825	0.595	ug/l	94
40) Benzene	6.15	78	405639	34.260	ug/l	99
68) m/p-Xylenes	10.37	106	2217	0.399	ug/l	95
69) o-Xylene	10.70	106	4803	0.887	ug/l	95
73) Isopropylbenzene	11.02	105	2667	0.205	ug/l	100

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

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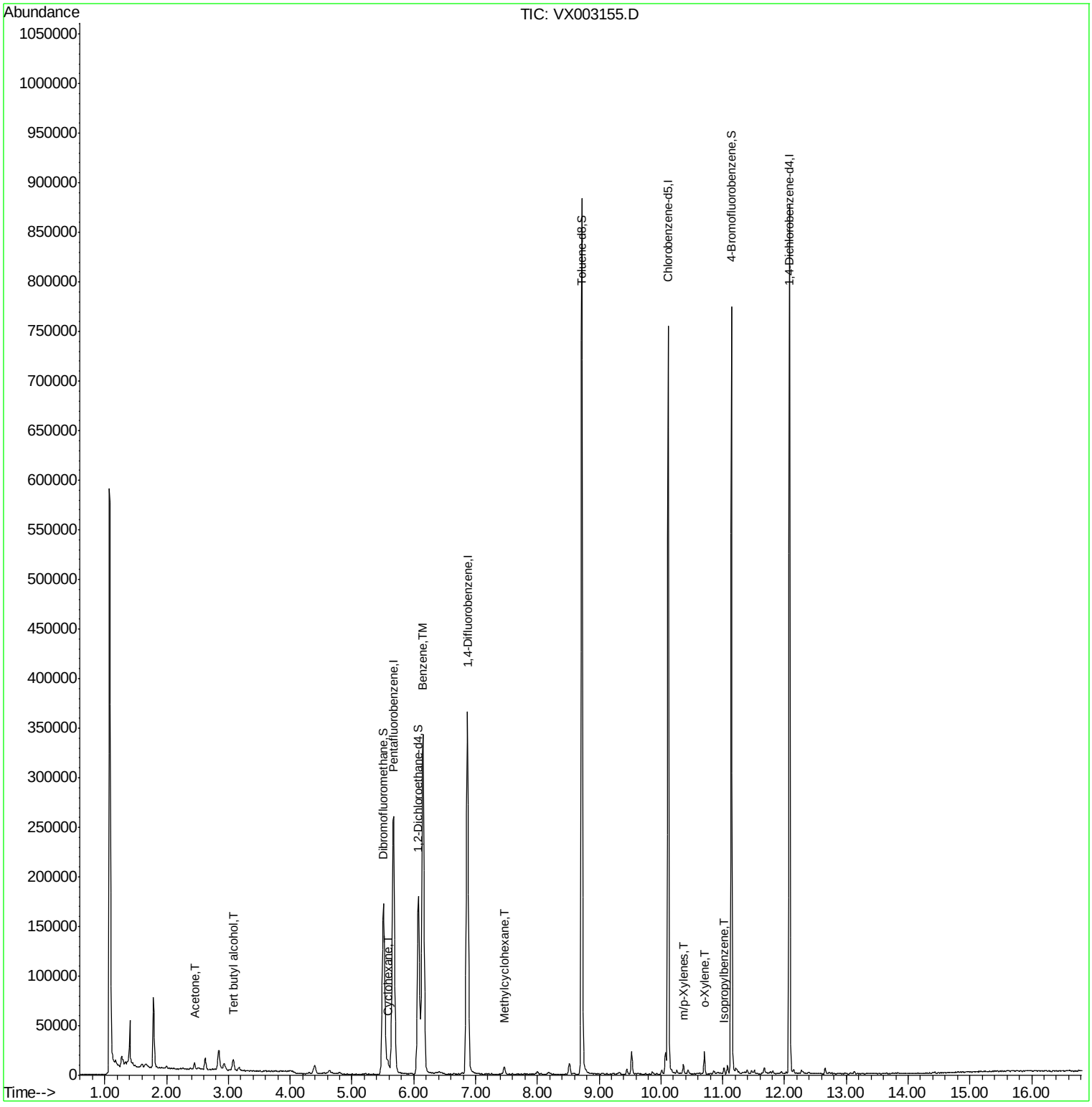
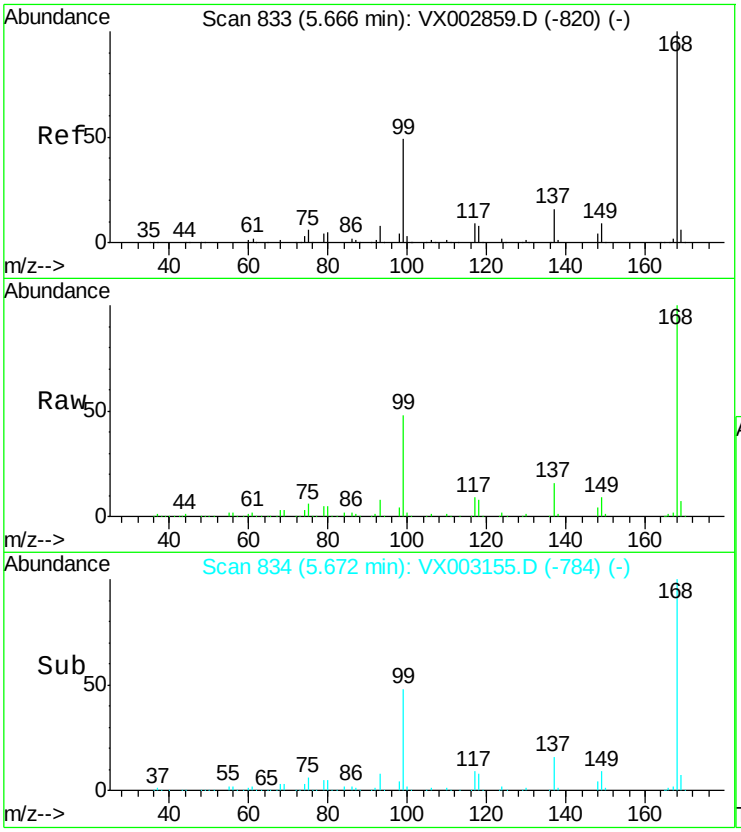


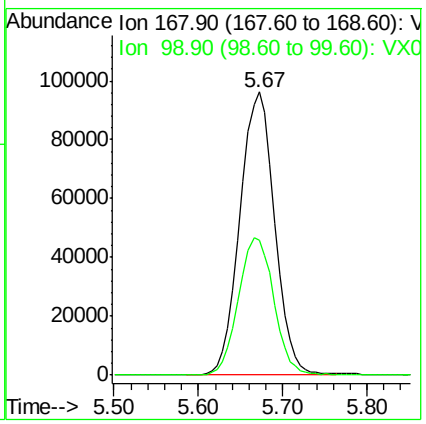


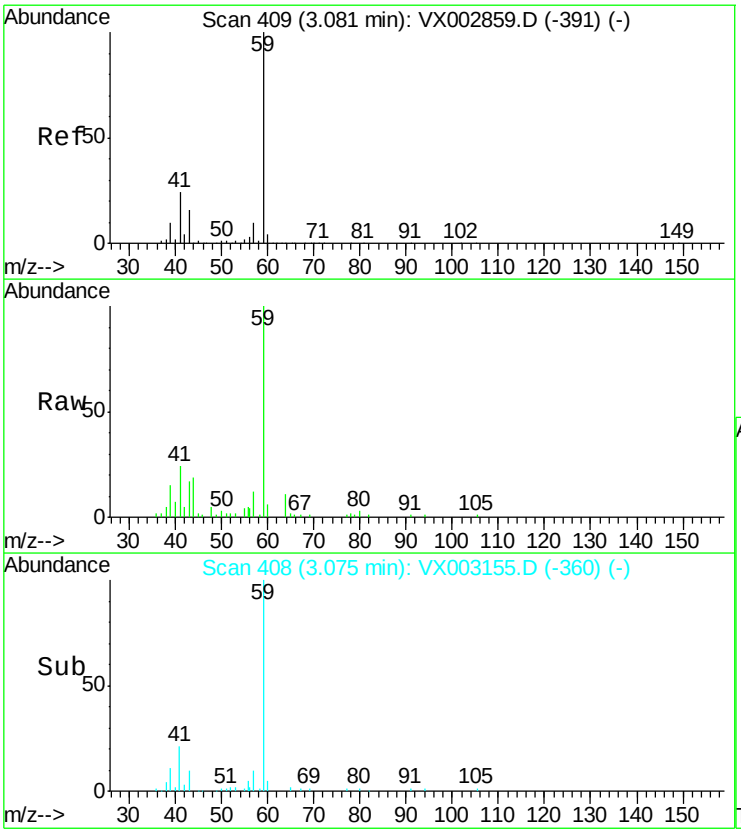
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.01 min
Lab File: VX003155.D
Acq: 03 Jul 2018 18:06

Instrument :
MSVOA_X
ClientSampleId :
S10-0144

Tgt Ion:168 Resp: 269273

Ion	Ratio	Lower	Upper
168	100		
99	47.8	39.3	58.9

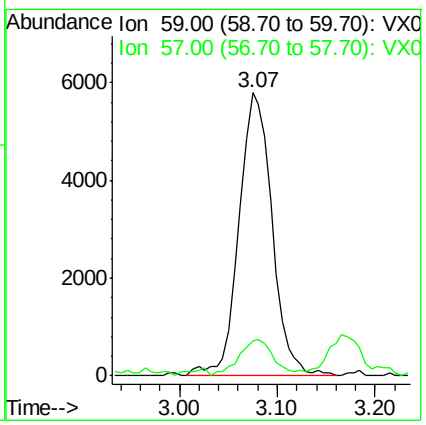


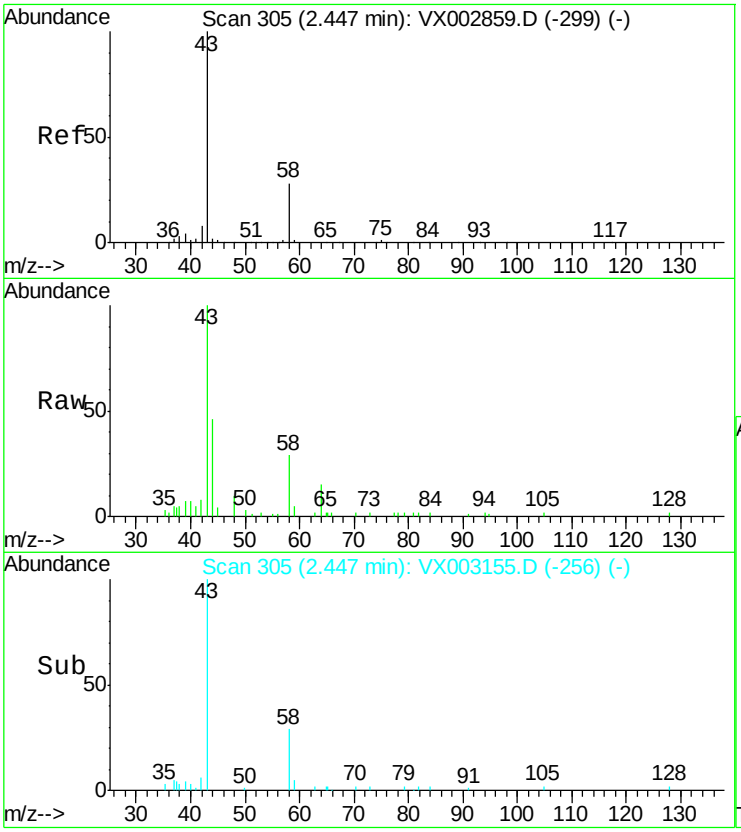


#11
Tert butyl alcohol
Concen: 18.378 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX003155.D
Acq: 03 Jul 2018 18:06

Tgt Ion: 59 Resp: 13626

Ion	Ratio	Lower	Upper
59	100		
57	13.1	8.2	12.2#



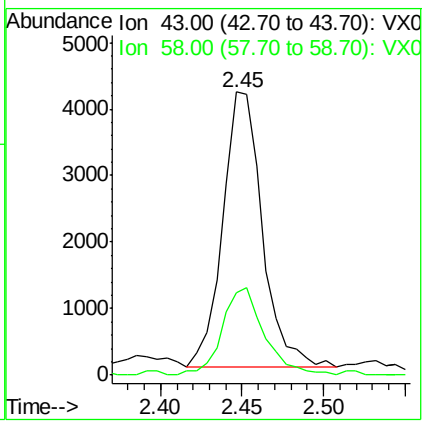


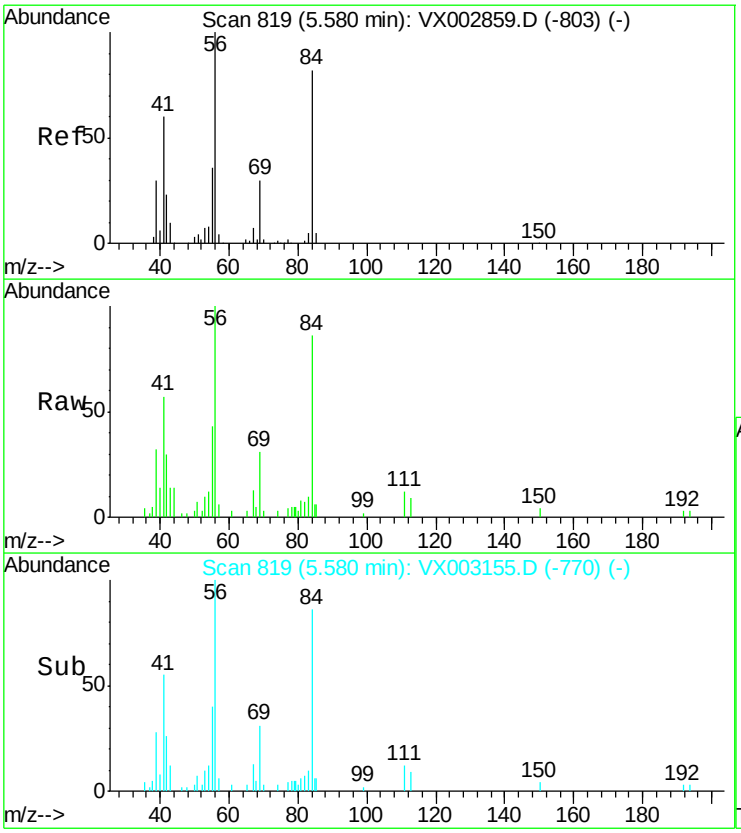
#16
Acetone
Concen: 4.539 ug/l
RT: 2.45 min Scan# 305
Delta R.T. -0.00 min
Lab File: VX003155.D
Acq: 03 Jul 2018 18:06

Instrument : MSVOA_X
ClientSampleId : S10-0144

Tgt Ion: 43 Resp: 6996

Ion	Ratio	Lower	Upper
43	100		
58	30.0	22.1	33.1

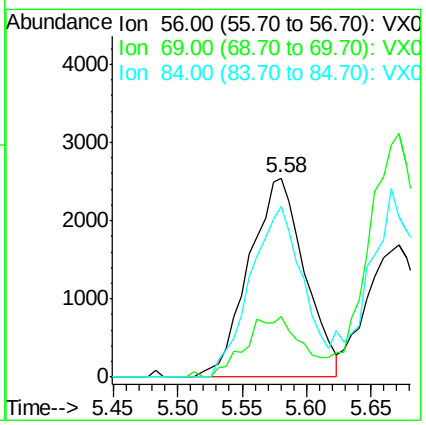


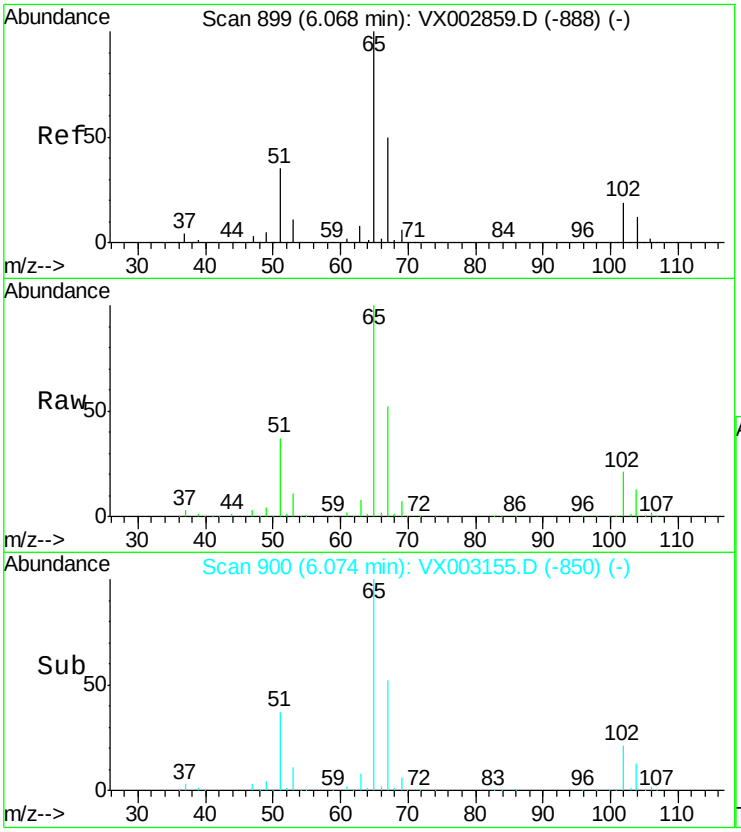


#31
Cyclohexane
Concen: 1.636 ug/l
RT: 5.58 min Scan# 819
Delta R.T. -0.00 min
Lab File: VX003155.D
Acq: 03 Jul 2018 18:06

Tgt Ion: 56 Resp: 7636

Ion	Ratio	Lower	Upper
56	100		
69	30.7	23.7	35.5
84	85.5	64.1	96.1



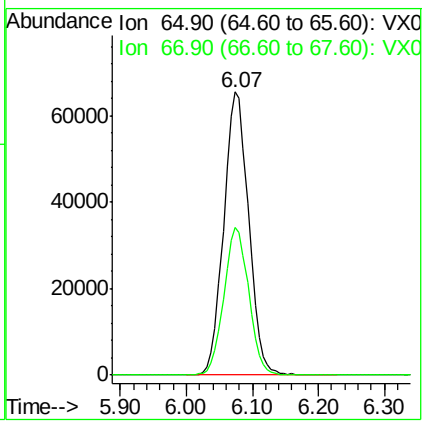


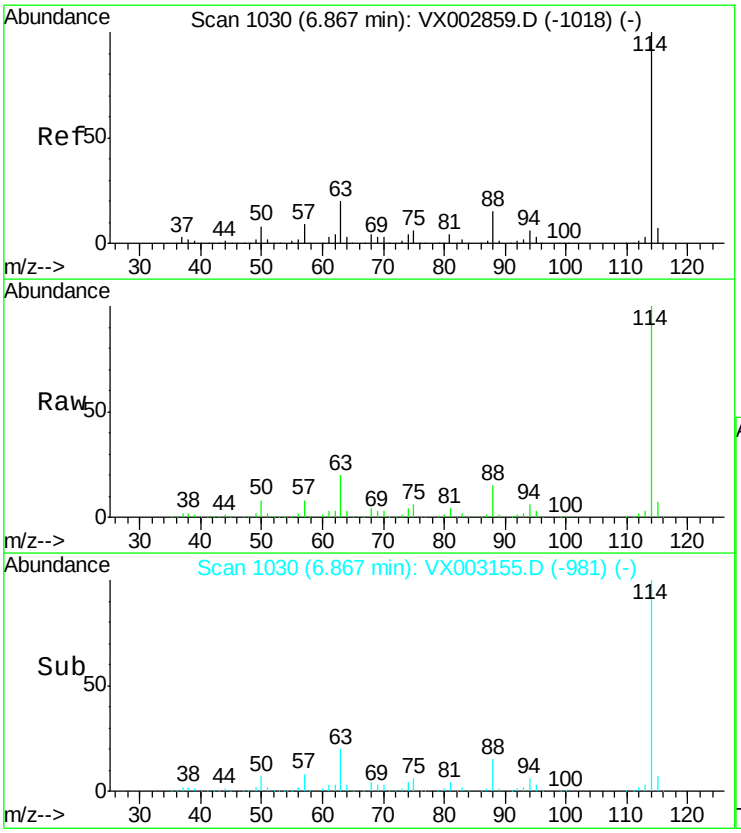
#33
1,2-Dichloroethane-d4
Concen: 45.983 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.01 min
Lab File: VX003155.D
Acq: 03 Jul 2018 18:06

Instrument : MSVOA_X
ClientSampleId : S10-0144

Tgt Ion: 65 Resp: 171145

Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	102.6

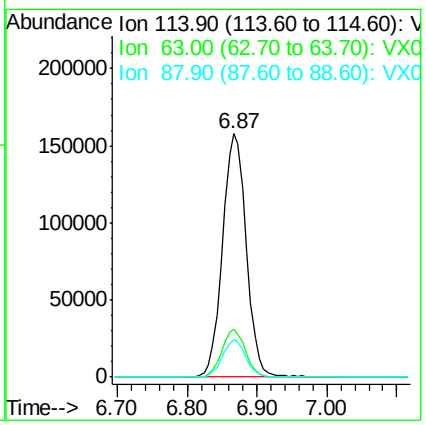


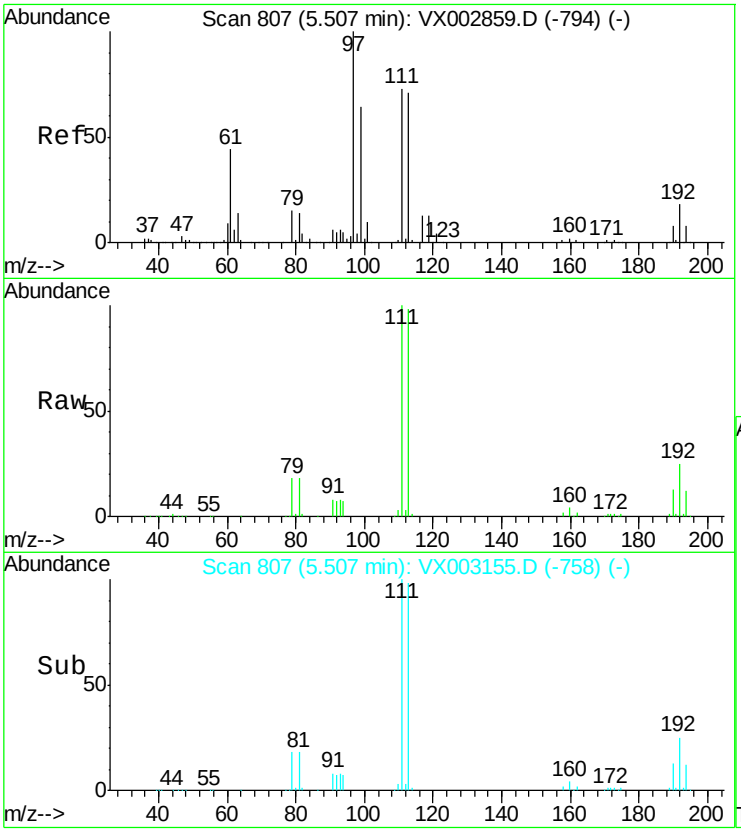


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VX003155.D
Acq: 03 Jul 2018 18:06

Tgt Ion:114 Resp: 371589

Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	41.4
88	15.2	0.0	30.0



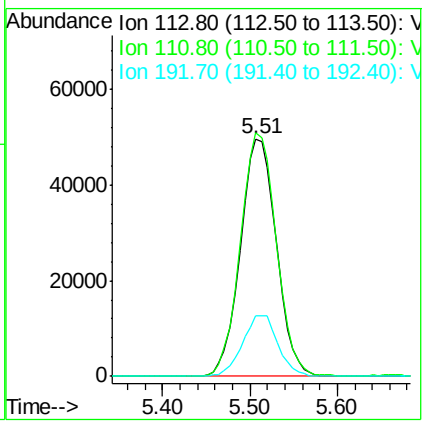


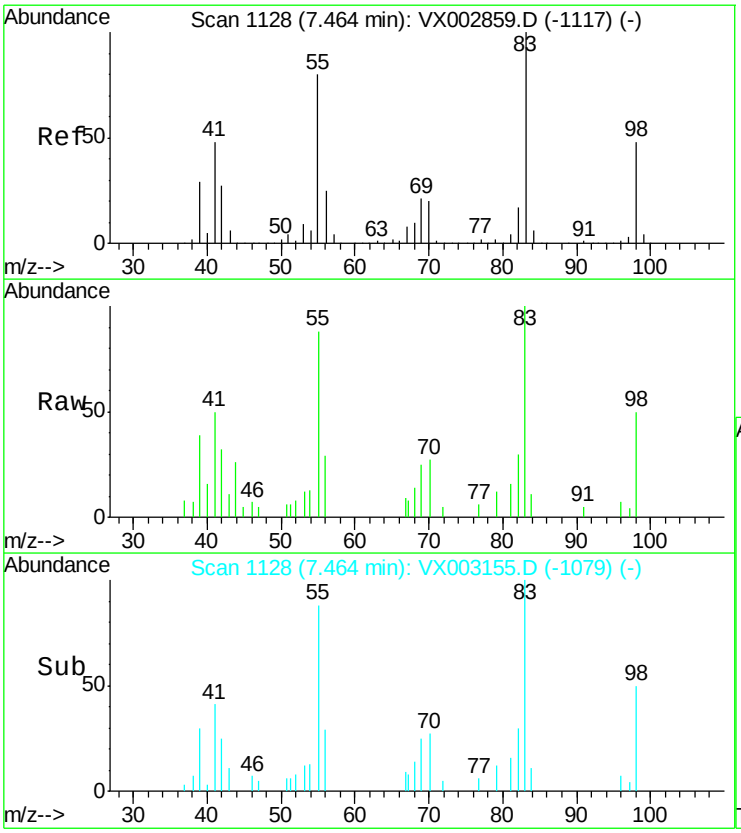
#35
Dibromofluoromethane
Concen: 48.378 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX003155.D
Acq: 03 Jul 2018 18:06

Instrument :
MSVOA_X
ClientSampleId :
S10-0144

Tgt Ion:113 Resp: 142358

Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.4	122.0
192	25.1	19.1	28.7

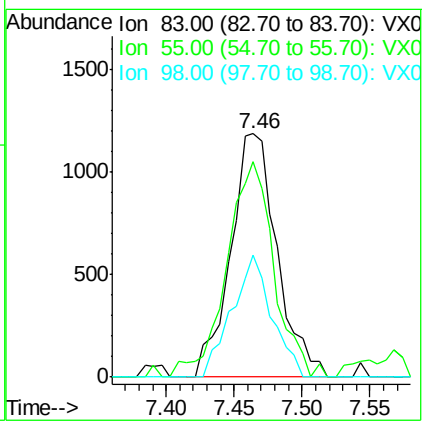


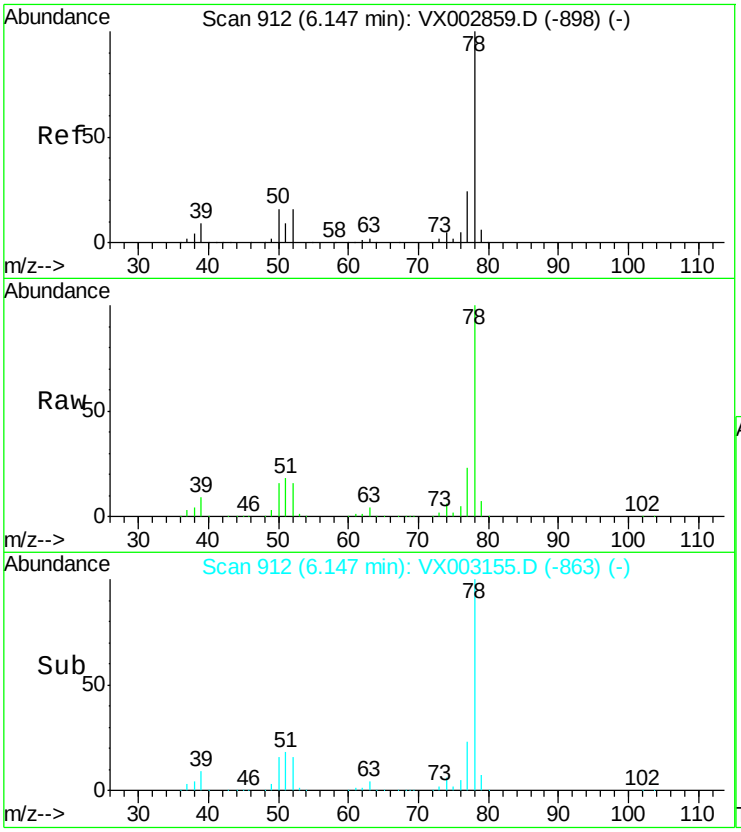


#39
Methylcyclohexane
Concen: 0.595 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX003155.D
Acq: 03 Jul 2018 18:06

Tgt Ion: 83 Resp: 2825

Ion	Ratio	Lower	Upper
83	100		
55	88.4	65.4	98.0
98	49.8	37.4	56.0



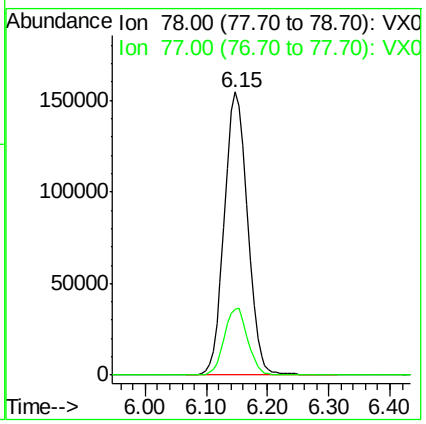


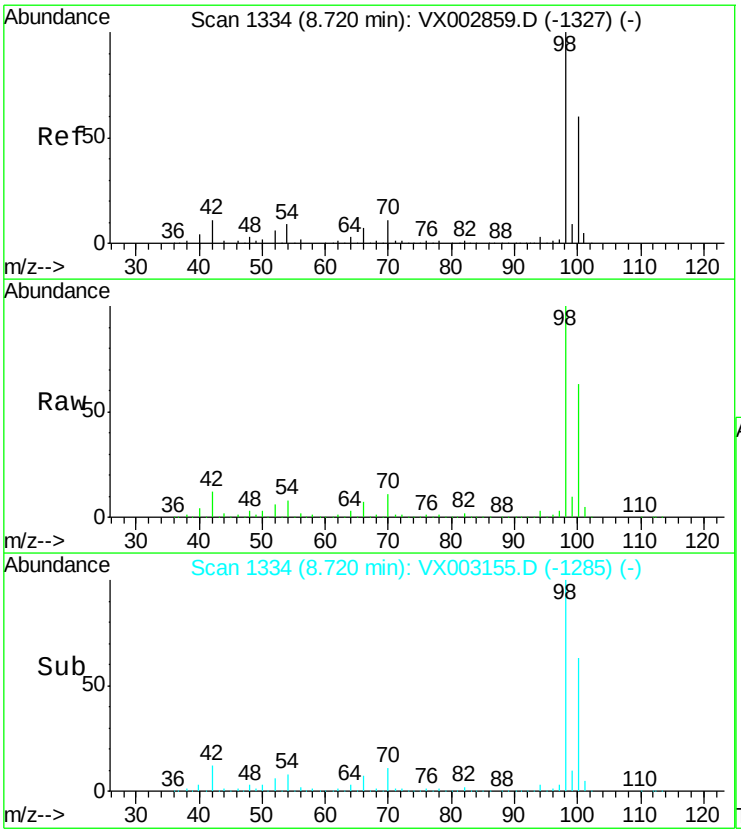
#40
Benzene
Concen: 34.260 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX003155.D
Acq: 03 Jul 2018 18:06

Instrument :
MSVOA_X
ClientSampleId :
S10-0144

Tgt Ion: 78 Resp: 405639

Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.1	28.7

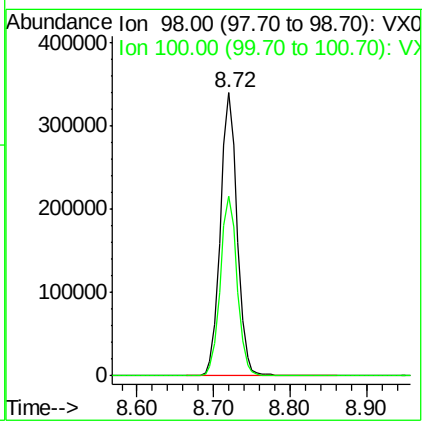


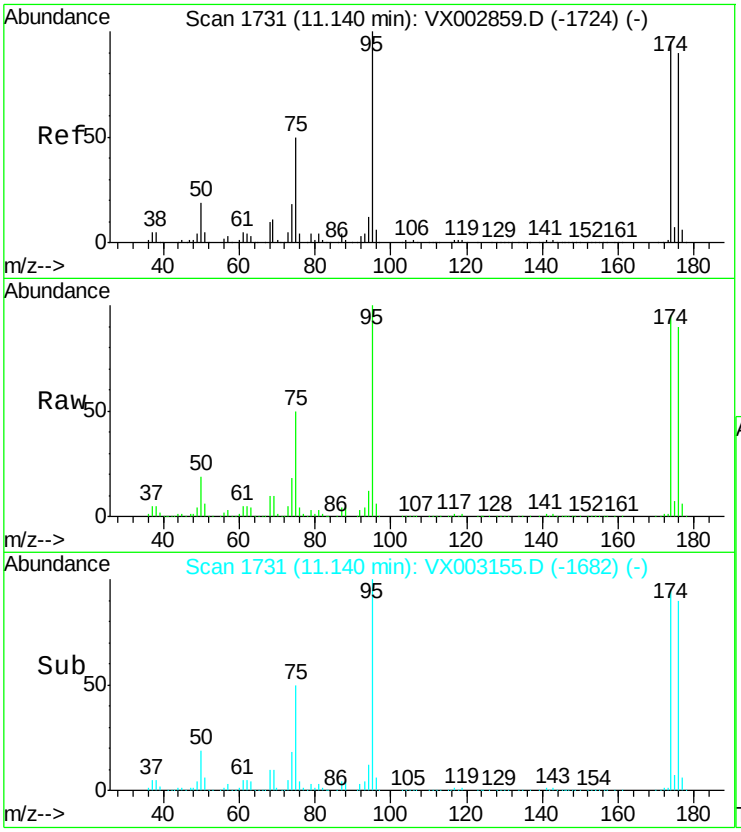


#50
Toluene-d8
Concen: 47.887 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003155.D
Acq: 03 Jul 2018 18:06

Tgt Ion: 98 Resp: 514587

Ion	Ratio	Lower	Upper
98	100		
100	63.7	50.9	76.3



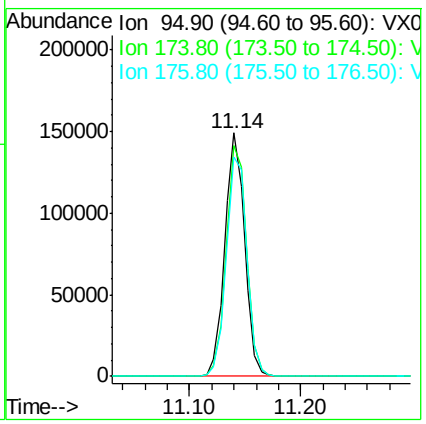


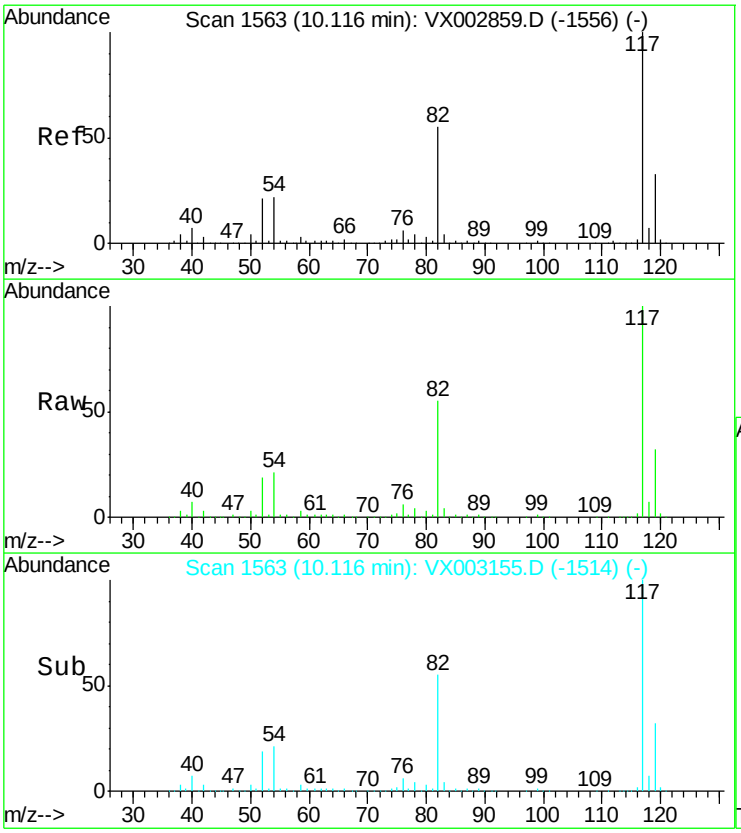
#62
4-Bromofluorobenzene
Concen: 44.095 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003155.D
Acq: 03 Jul 2018 18:06

Instrument :
MSVOA_X
ClientSampleId :
S10-0144

Tgt Ion: 95 Resp: 182740

Ion	Ratio	Lower	Upper
95	100		
174	98.1	0.0	187.4
176	94.4	0.0	181.0

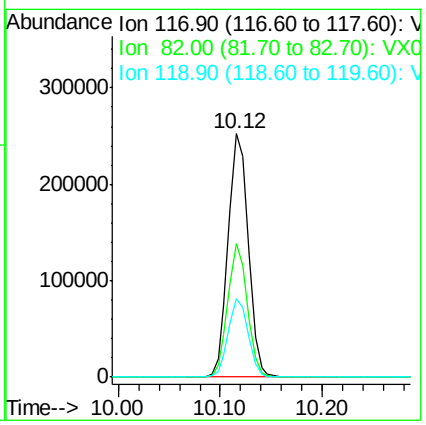


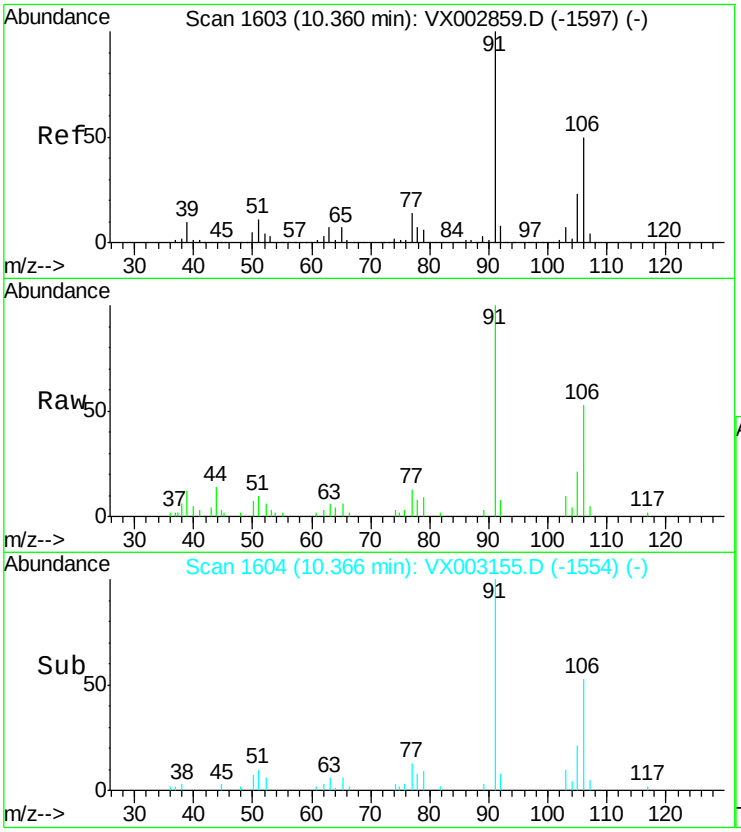


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003155.D
Acq: 03 Jul 2018 18:06

Tgt Ion:117 Resp: 343822

Ion	Ratio	Lower	Upper
117	100		
82	54.8	45.0	67.4
119	32.2	25.8	38.6



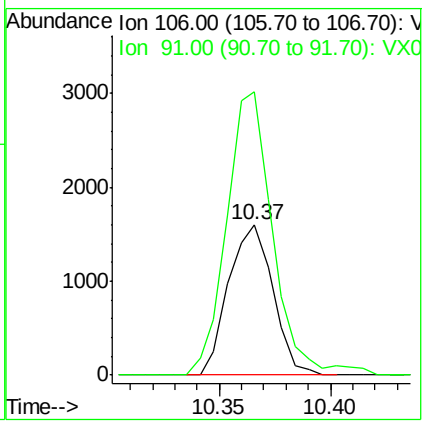


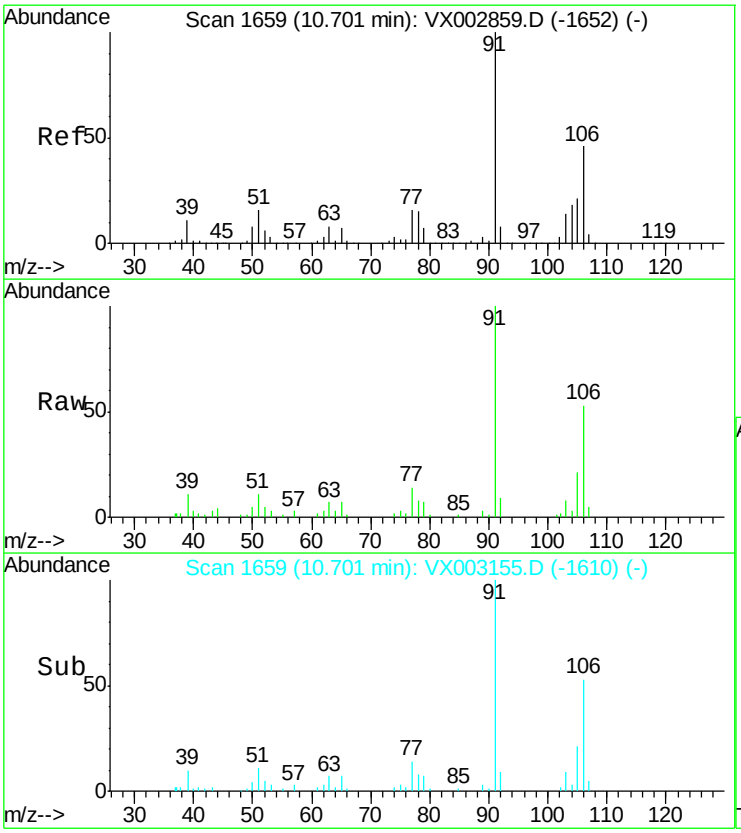
#68
m/p-Xylenes
Concen: 0.399 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.01 min
Lab File: VX003155.D
Acq: 03 Jul 2018 18:06

Instrument : MSVOA_X
ClientSampleId : S10-0144

Tgt Ion:106 Resp: 2217

Ion	Ratio	Lower	Upper
106	100		
91	196.6	163.4	245.2

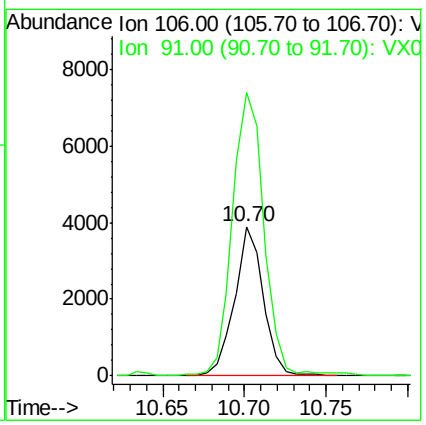


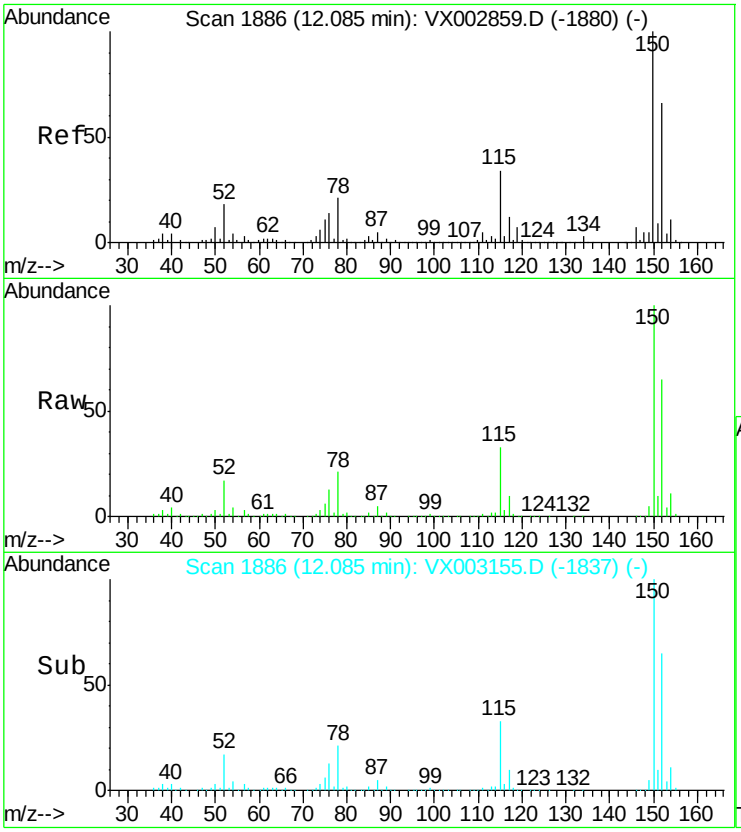


#69
o-Xylene
Concen: 0.887 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX003155.D
Acq: 03 Jul 2018 18:06

Tgt Ion:106 Resp: 4803

Ion	Ratio	Lower	Upper
106	100		
91	208.2	108.2	324.6



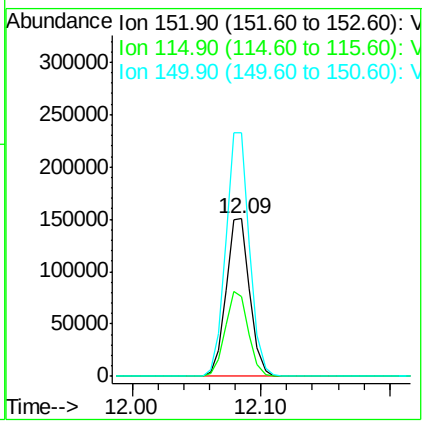


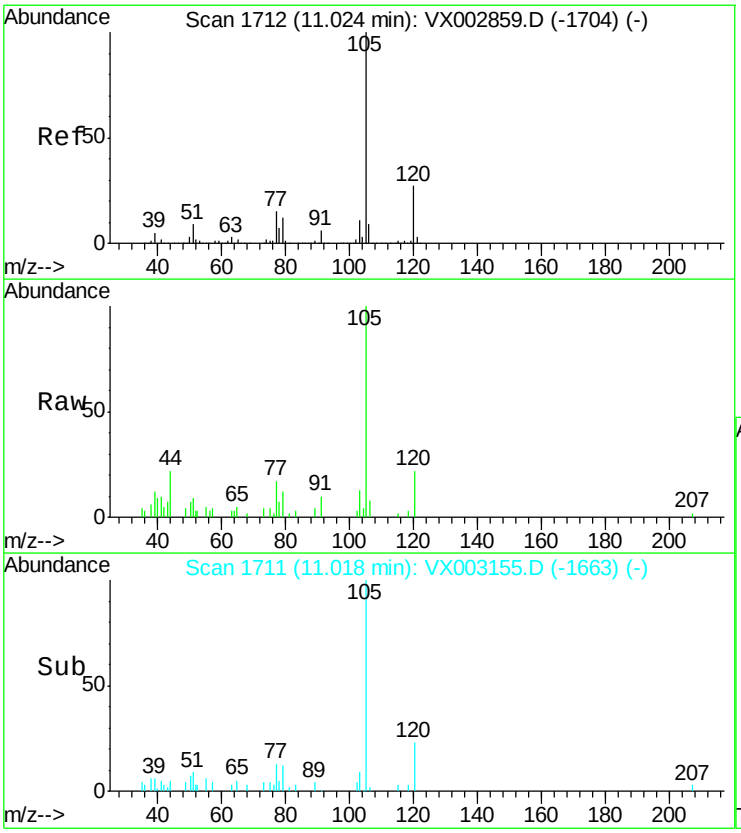
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX003155.D
Acq: 03 Jul 2018 18:06

Instrument :
MSVOA_X
ClientSampleId :
S10-0144

Tgt Ion:152 Resp: 193743

Ion	Ratio	Lower	Upper
152	100		
115	53.0	40.1	120.2
150	155.3	0.0	347.2





#73
Isopropylbenzene
Concen: 0.205 ug/l
RT: 11.02 min Scan# 1711
Delta R.T. -0.01 min
Lab File: VX003155.D
Acq: 03 Jul 2018 18:06

Tgt Ion:105 Resp: 2667

Ion	Ratio	Lower	Upper
105	100		
120	27.1	13.5	40.4