Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070318\
Data File : VX003153.D
Acq On : 03 Jul 2018 17:13
Operator : JC/MD
Sample : J3754-07
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : S10-0141

Quant Time: Jul 04 04:28:39 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	289025	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	397488	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	375777	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	210887	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	181979	45.55	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.10%			
35) Dibromofluoromethane	5.51	113	152236	48.36	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.72%			
50) Toluene-d8	8.72	98	554249	48.22	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.44%			
62) 4-Bromofluorobenzene	11.14	95	197197	44.48	ug/l	0.00
Spiked Amount 50.000			Recovery = 88.96%			
Target Compounds						Qvalue
10) Methyl Iodide	2.52	142	3407	7.146	ug/l	98
11) Tert butyl alcohol	3.08	59	32925	41.372	ug/l	96
16) Acetone	2.45	43	4662	2.818	ug/l	91
31) Cyclohexane	5.58	56	1394	0.278	ug/l #	91
40) Benzene	6.15	78	308538	24.361	ug/l	98
52) Toluene	8.79	92	1947	0.240	ug/l	97
67) Ethyl Benzene	10.26	91	8161	0.518	ug/l	97
68) m/p-Xylenes	10.37	106	5077	0.835	ug/l	94
95) Naphthalene	13.84	128	4448	0.308	ug/l	99

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

Quantitation Report (QT/LSC Reviewed)

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Instrument :
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ClientSampleId :
S10-0141

Quant Time: Jul 04 04:28:39 2018
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Quant Title : SW846 8260
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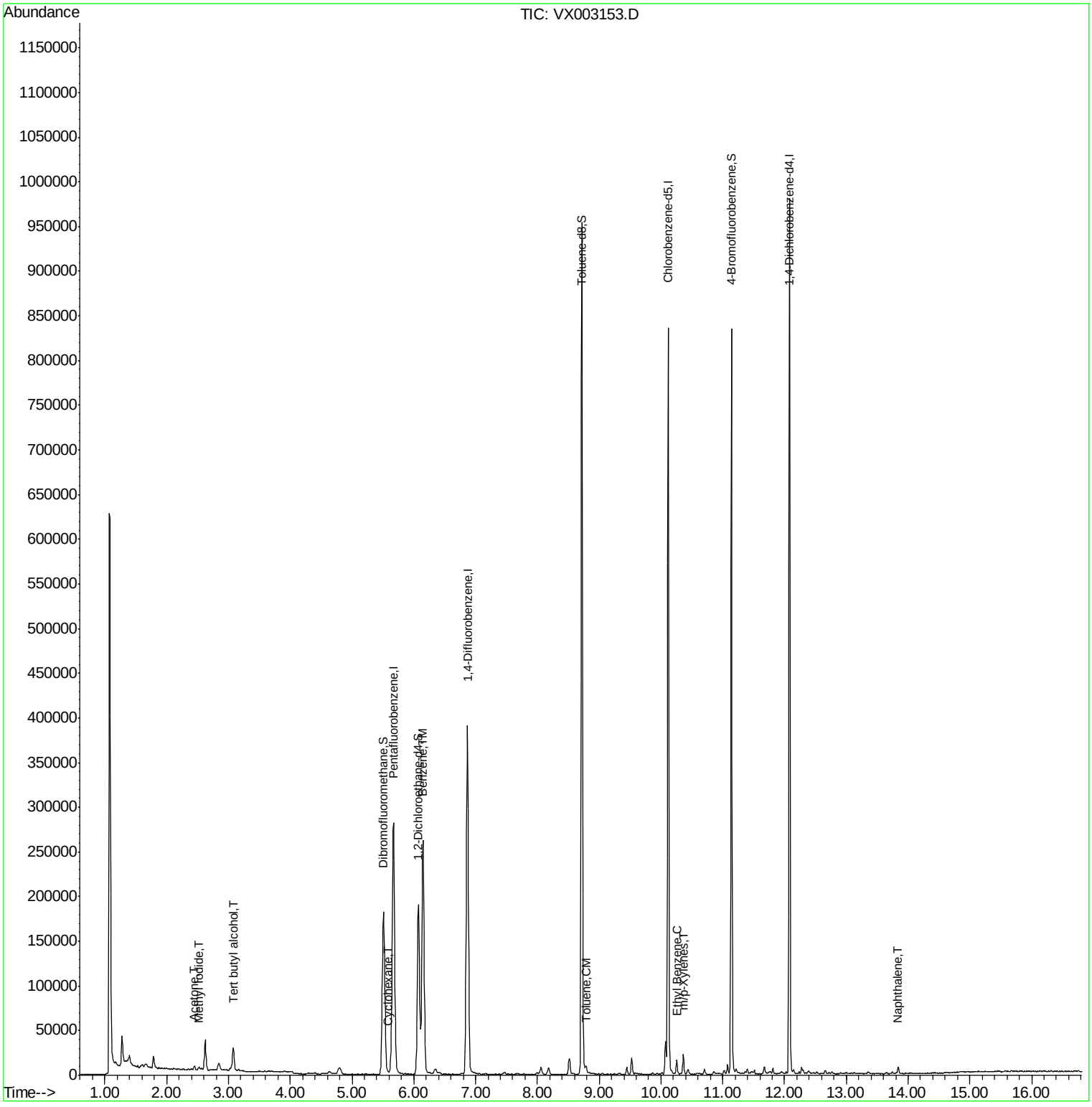
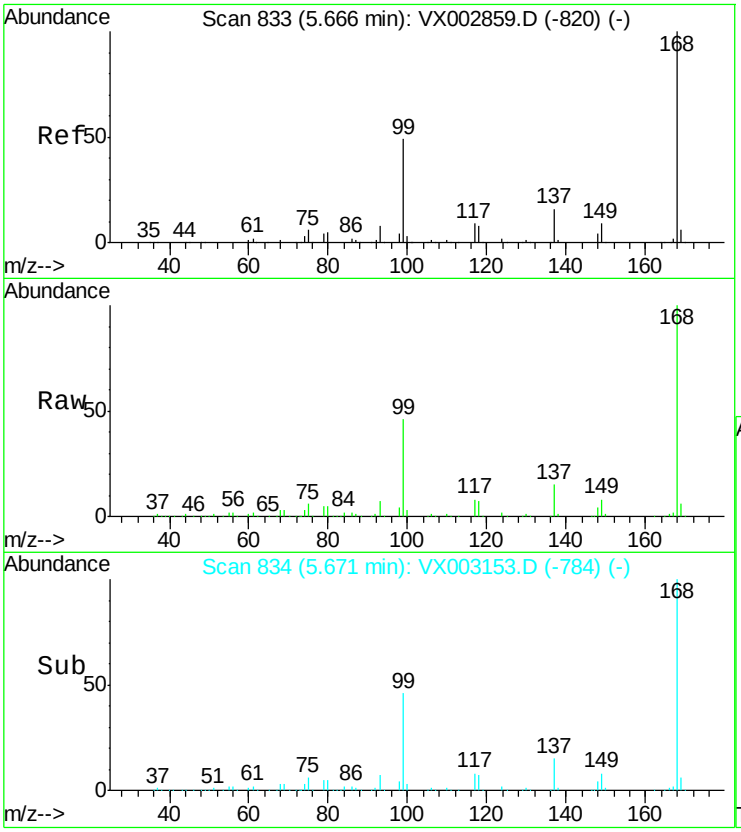
Response via : Initial Calibration



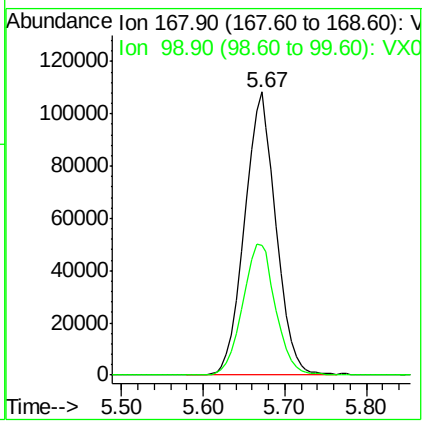


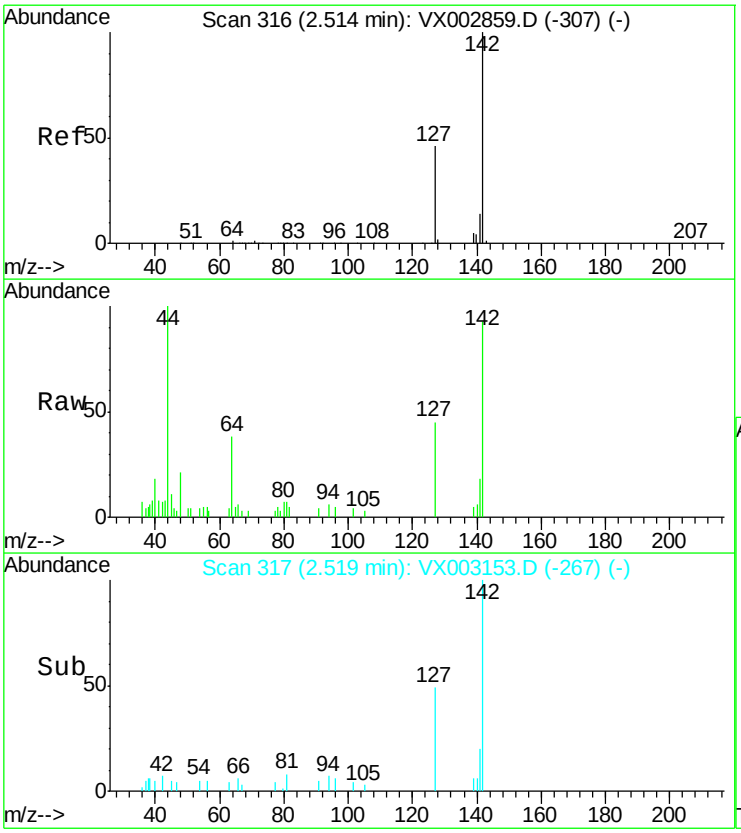
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.01 min
Lab File: VX003153.D
Acq: 03 Jul 2018 17:13

Instrument :
MSVOA_X
ClientSampleId :
S10-0141

Tgt Ion:168 Resp: 289025

Ion	Ratio	Lower	Upper
168	100		
99	45.7	39.3	58.9

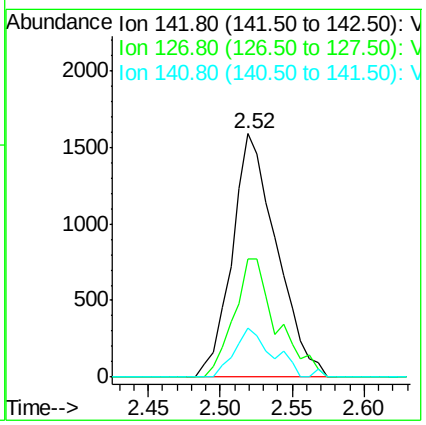


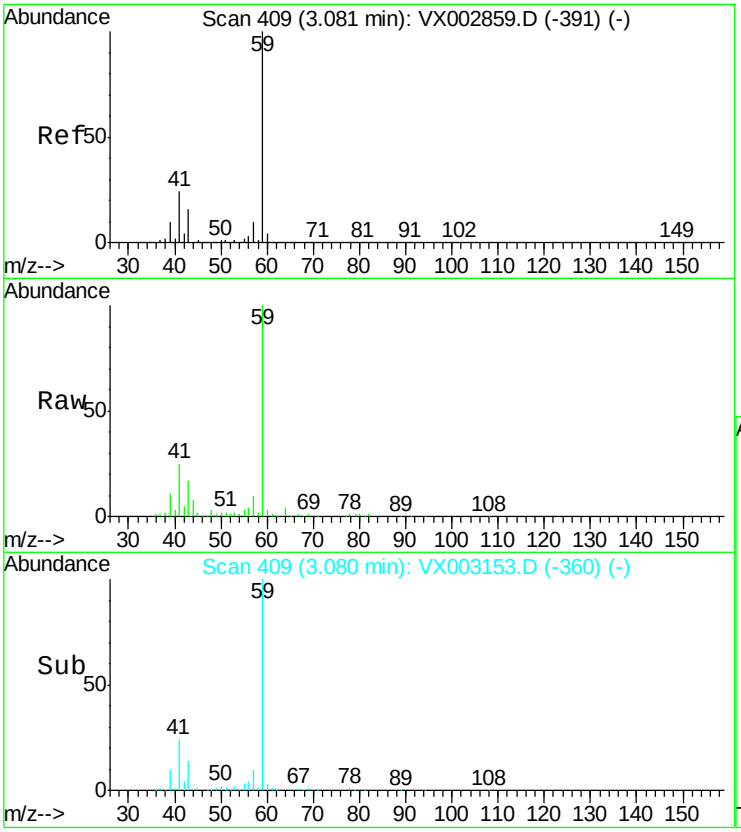


#10
Methyl Iodide
Concen: 7.146 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX003153.D
Acq: 03 Jul 2018 17:13

Tgt Ion:142 Resp: 3407

Ion	Ratio	Lower	Upper
142	100		
127	46.3	36.6	55.0
141	16.8	11.3	16.9



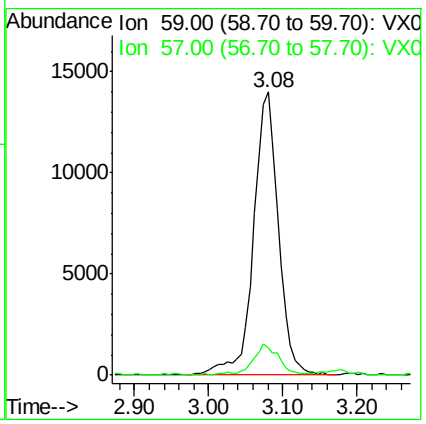


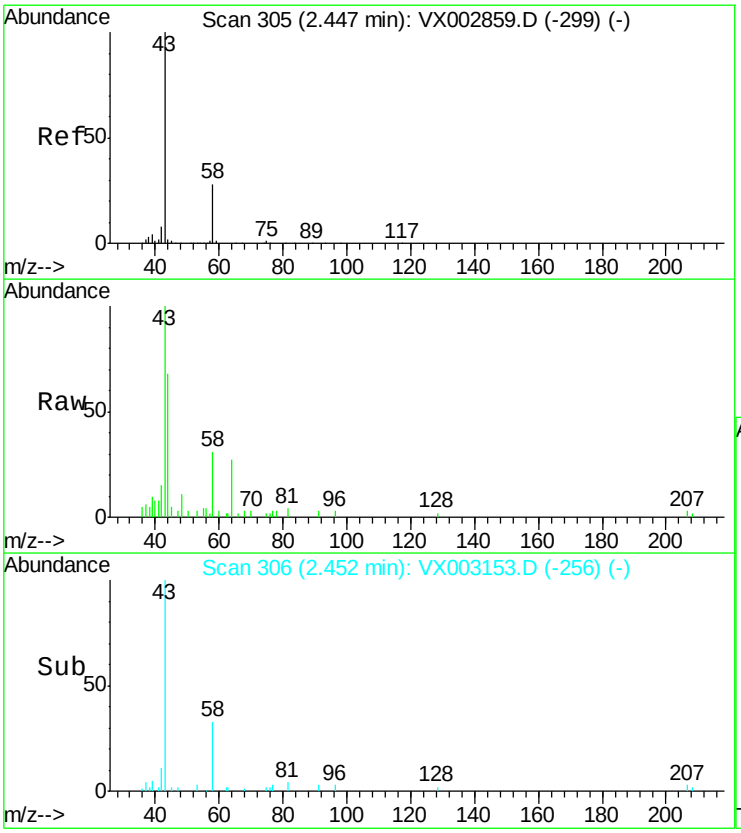
#11
Tert butyl alcohol
Concen: 41.372 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.00 min
Lab File: VX003153.D
Acq: 03 Jul 2018 17:13

Instrument : MSVOA_X
ClientSampleId : S10-0141

Tgt Ion: 59 Resp: 32925

Ion	Ratio	Lower	Upper
59	100		
57	11.6	8.2	12.2

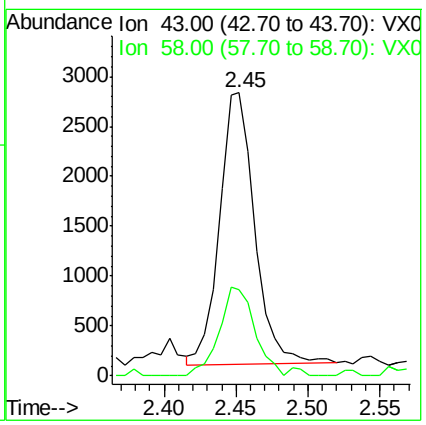


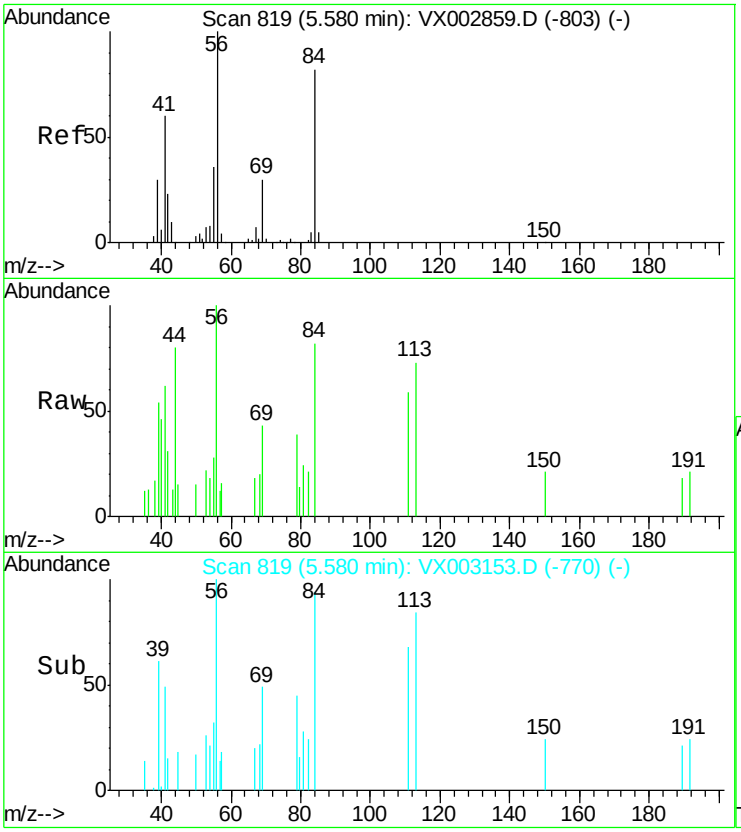


#16
Acetone
Concen: 2.818 ug/l
RT: 2.45 min Scan# 306
Delta R.T. 0.01 min
Lab File: VX003153.D
Acq: 03 Jul 2018 17:13

Tgt Ion: 43 Resp: 4662

Ion	Ratio	Lower	Upper
43	100		
58	32.1	22.1	33.1



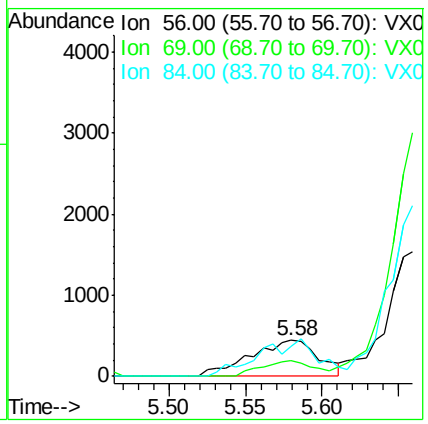


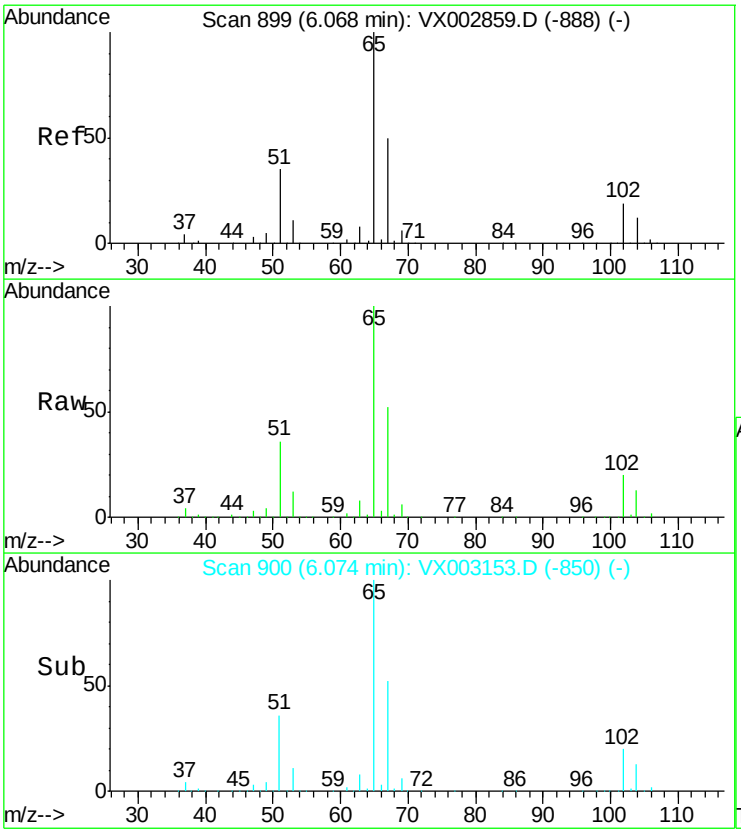
#31
Cyclohexane
Concen: 0.278 ug/l
RT: 5.58 min Scan# 819
Delta R.T. -0.00 min
Lab File: VX003153.D
Acq: 03 Jul 2018 17:13

Instrument : MSVOA_X
ClientSampleId : S10-0141

Tgt Ion: 56 Resp: 1394

Ion	Ratio	Lower	Upper
56	100		
69	43.1	23.7	35.5#
84	82.3	64.1	96.1

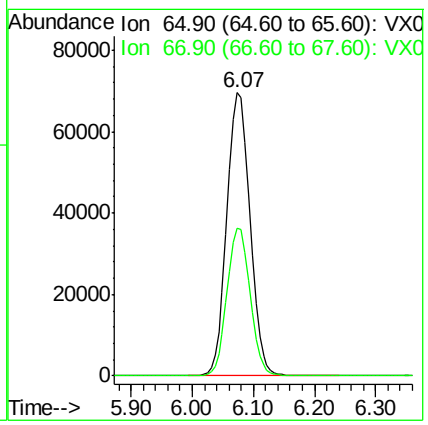


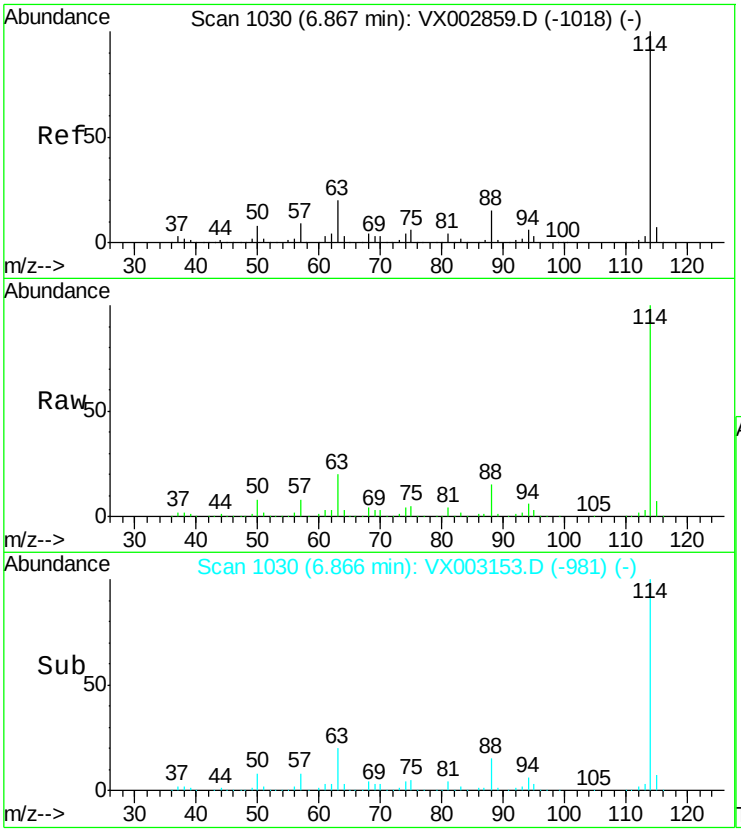


#33
1,2-Dichloroethane-d4
Concen: 45.553 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.01 min
Lab File: VX003153.D
Acq: 03 Jul 2018 17:13

Tgt Ion: 65 Resp: 181979

Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	102.6



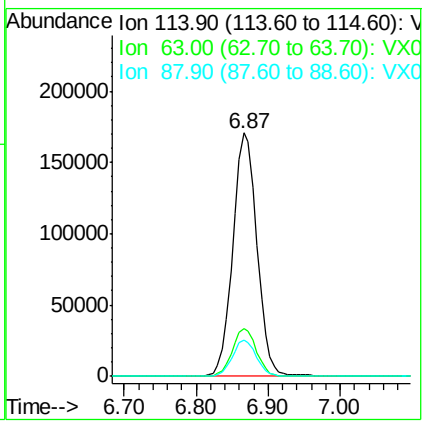


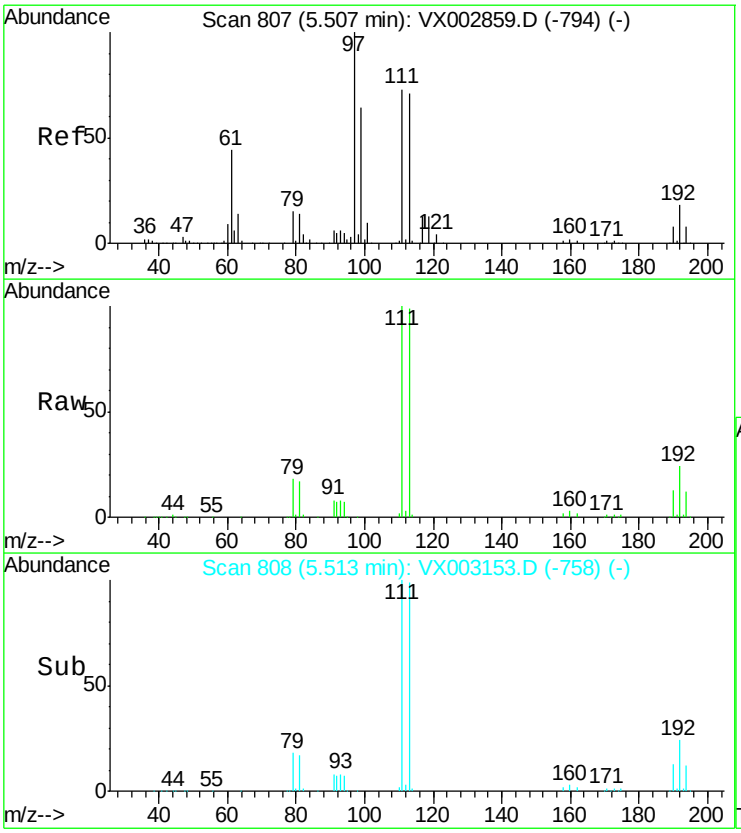
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VX003153.D
Acq: 03 Jul 2018 17:13

Instrument :
MSVOA_X
ClientSampleId :
S10-0141

Tgt Ion:114 Resp: 397488

Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	41.4
88	15.0	0.0	30.0

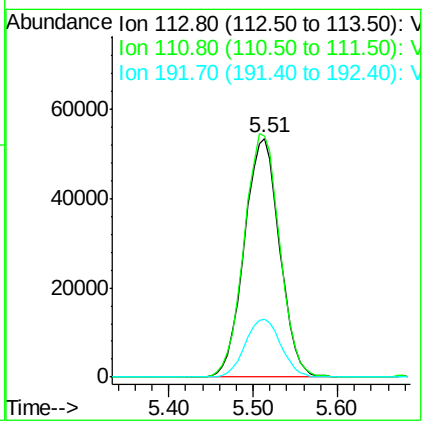


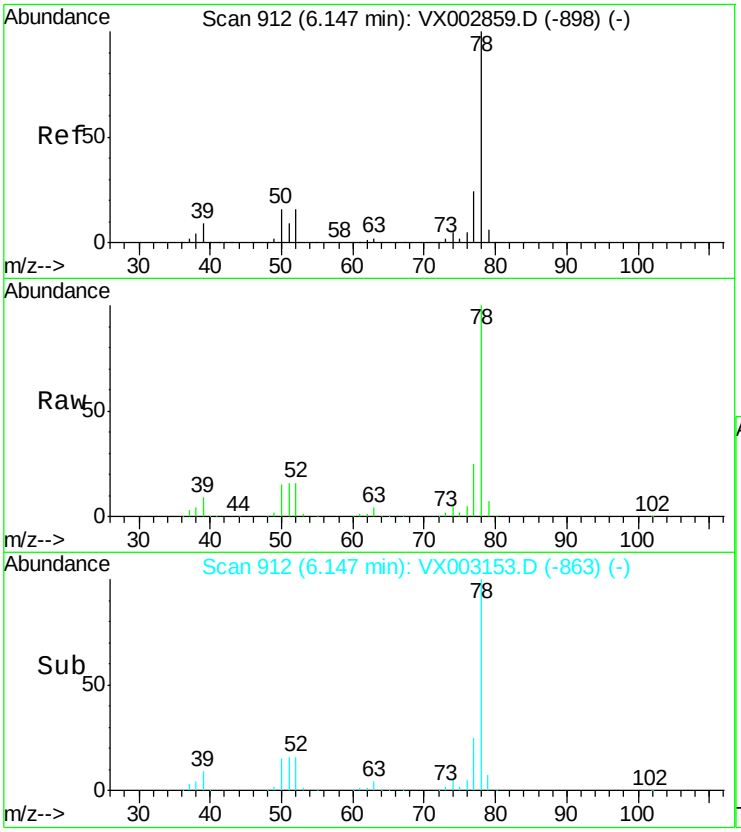


#35
Dibromofluoromethane
Concen: 48.364 ug/l
RT: 5.51 min Scan# 808
Delta R.T. 0.01 min
Lab File: VX003153.D
Acq: 03 Jul 2018 17:13

Tgt Ion:113 Resp: 152236

Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.4	122.0
192	24.6	19.1	28.7



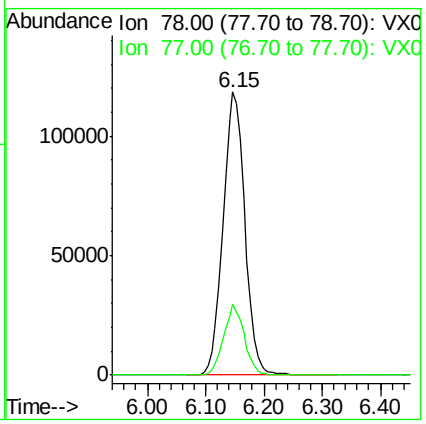


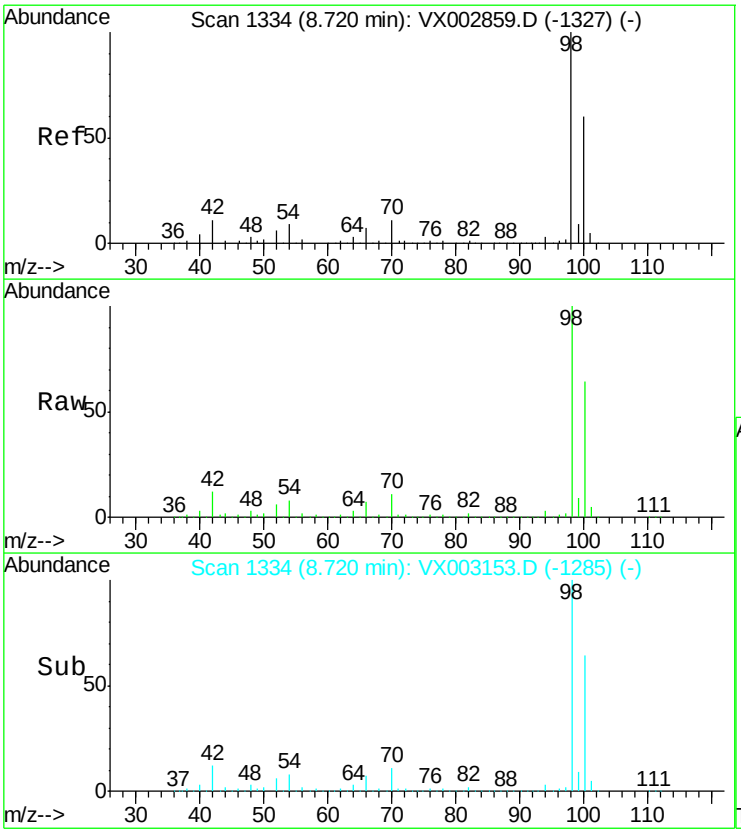
#40
Benzene
Concen: 24.361 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX003153.D
Acq: 03 Jul 2018 17:13

Instrument :
MSVOA_X
ClientSampleId :
S10-0141

Tgt Ion: 78 Resp: 308538

Ion	Ratio	Lower	Upper
78	100		
77	25.1	19.1	28.7

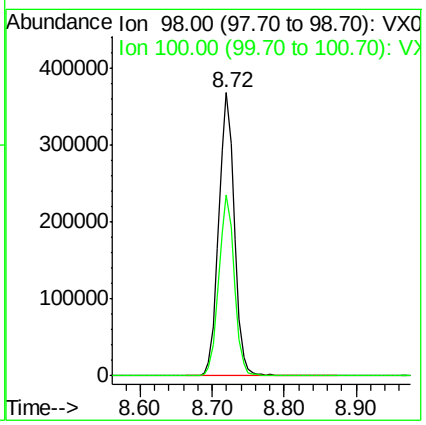


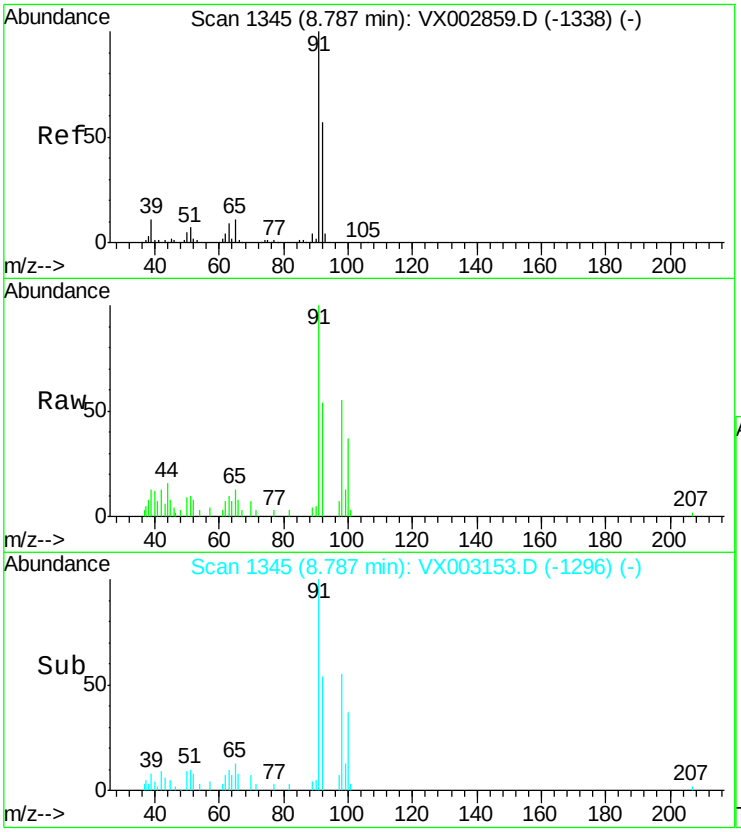


#50
Toluene-d8
Concen: 48.218 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003153.D
Acq: 03 Jul 2018 17:13

Tgt Ion: 98 Resp: 554249

Ion	Ratio	Lower	Upper
98	100		
100	63.5	50.9	76.3



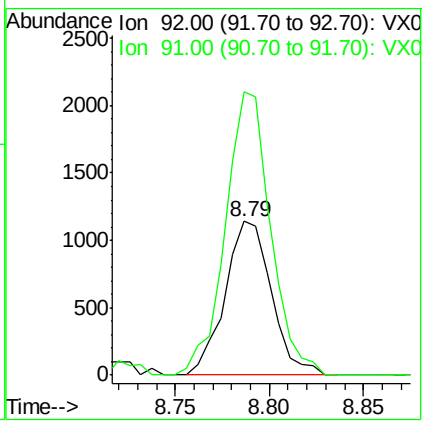


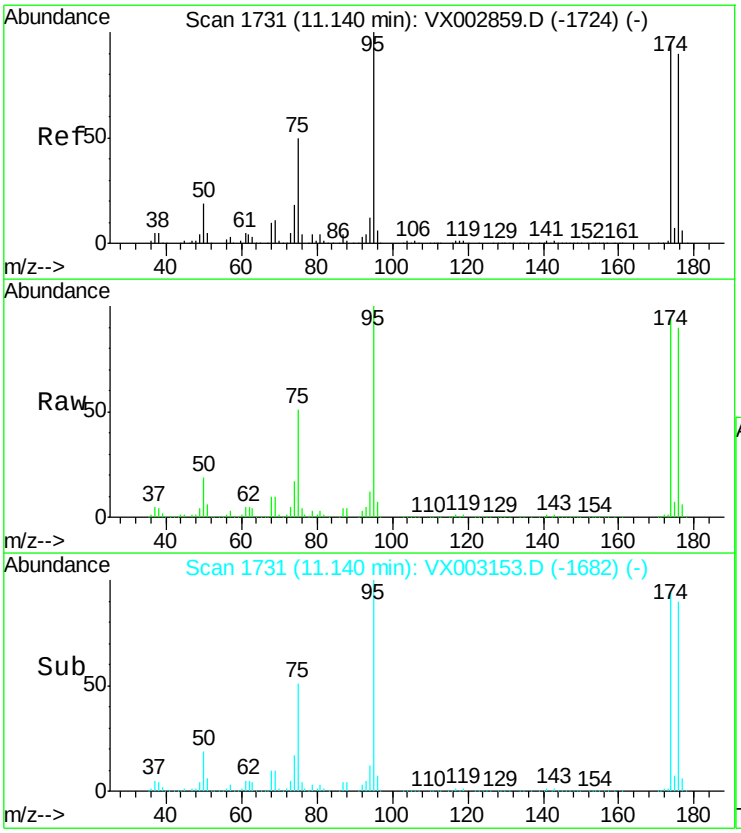
#52
Toluene
Concen: 0.240 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VX003153.D
Acq: 03 Jul 2018 17:13

Instrument :
MSVOA_X
ClientSampleId :
S10-0141

Tgt Ion: 92 Resp: 1947

Ion	Ratio	Lower	Upper
92	100		
91	180.2	140.4	210.6

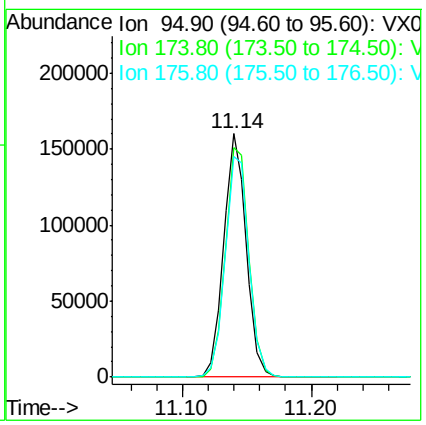


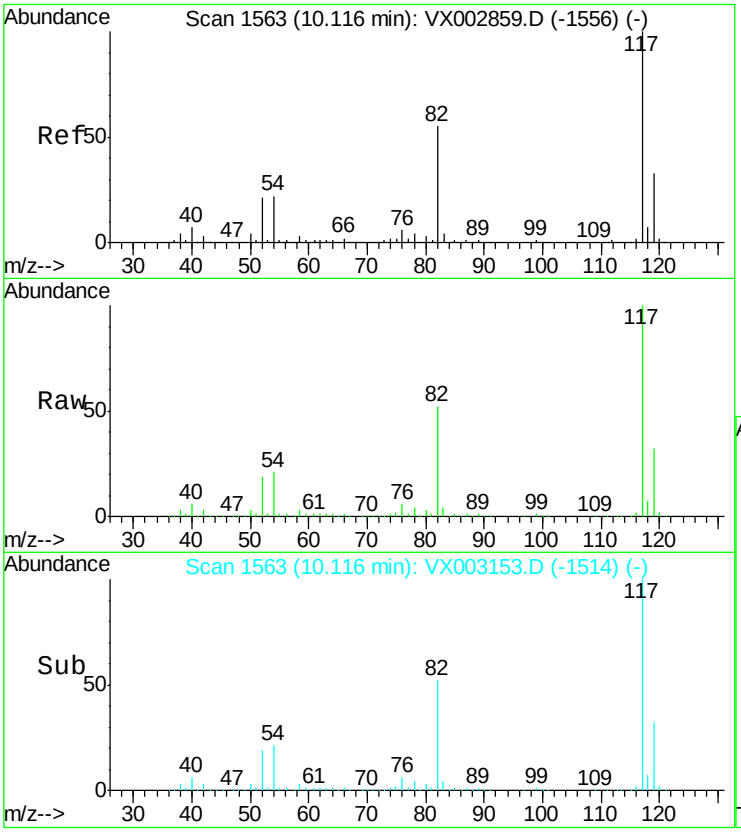


#62
4-Bromofluorobenzene
Concen: 44.483 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX003153.D
Acq: 03 Jul 2018 17:13

Tgt Ion: 95 Resp: 197197

Ion	Ratio	Lower	Upper
95	100		
174	99.1	0.0	187.4
176	95.8	0.0	181.0



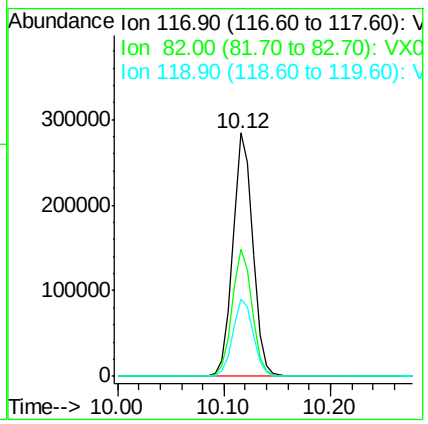


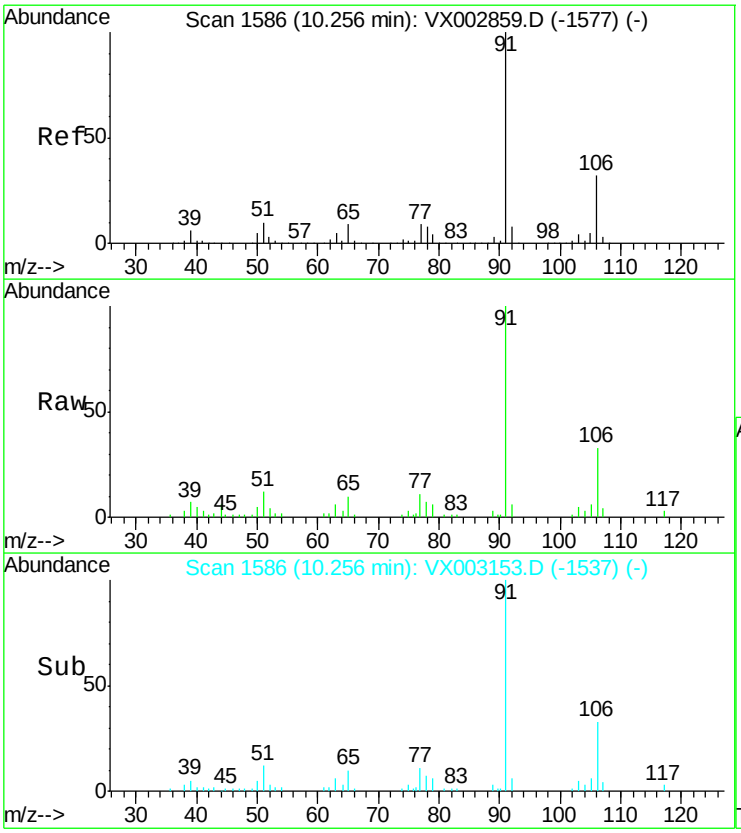
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003153.D
Acq: 03 Jul 2018 17:13

Instrument : MSVOA_X
ClientSampleId : S10-0141

Tgt Ion:117 Resp: 375777

Ion	Ratio	Lower	Upper
117	100		
82	52.2	45.0	67.4
119	32.0	25.8	38.6

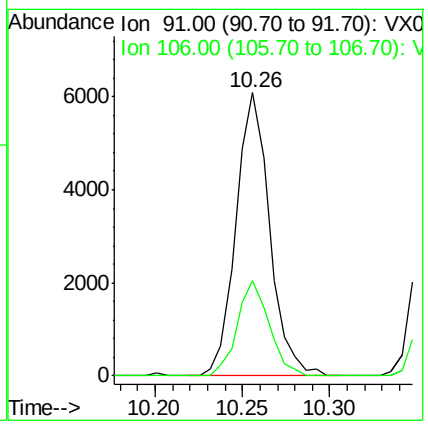


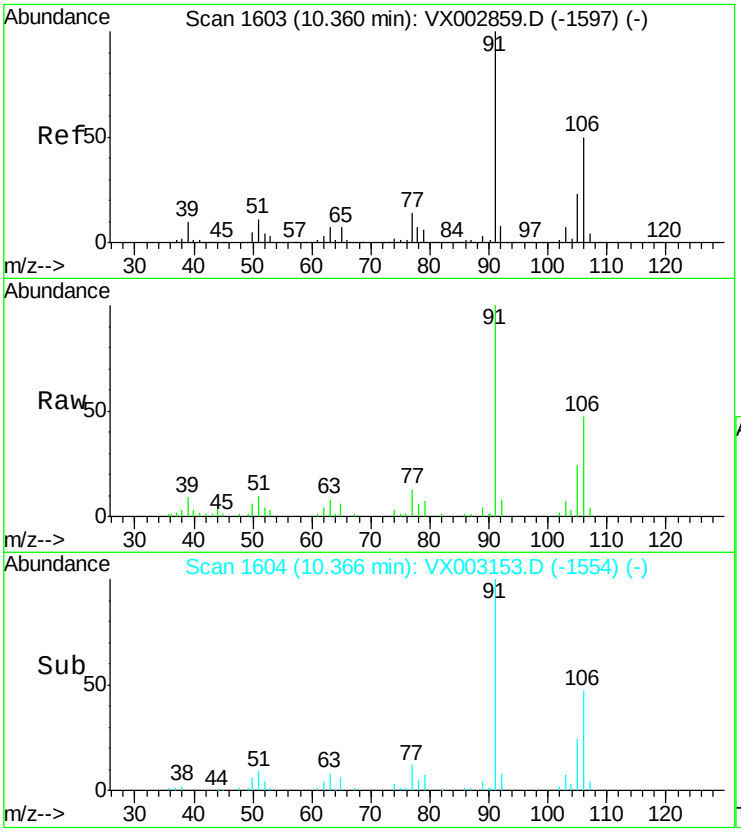


#67
Ethyl Benzene
Concen: 0.518 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX003153.D
Acq: 03 Jul 2018 17:13

Tgt Ion: 91 Resp: 8161

Ion	Ratio	Lower	Upper
91	100		
106	33.4	25.5	38.3



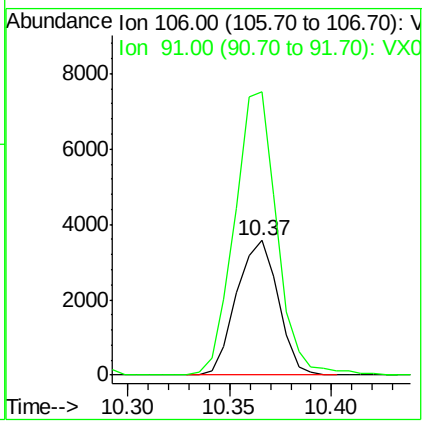


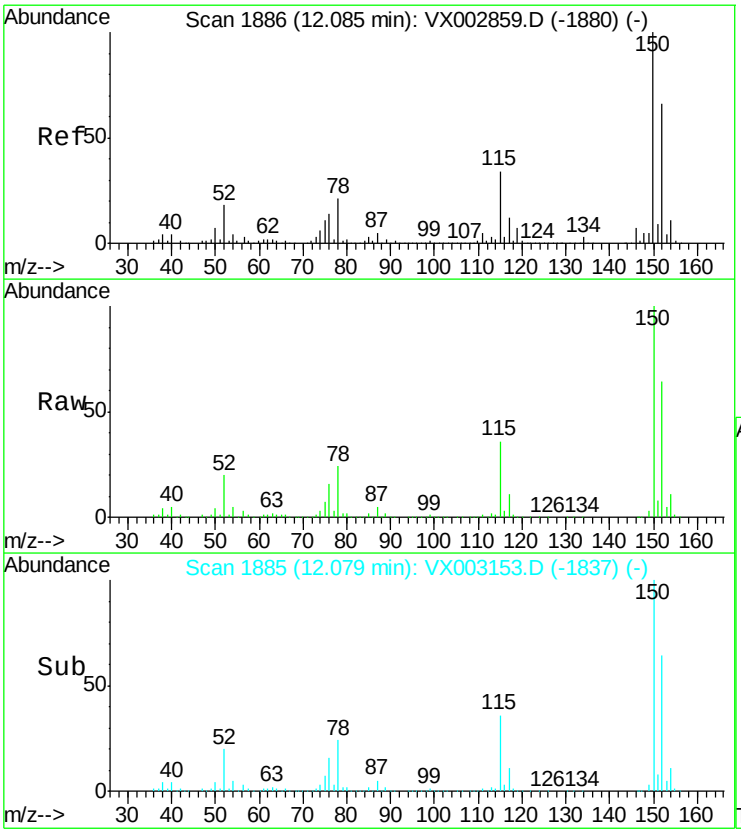
#68
m/p-Xylenes
Concen: 0.835 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.01 min
Lab File: VX003153.D
Acq: 03 Jul 2018 17:13

Instrument :
MSVOA_X
ClientSampleId :
S10-0141

Tgt Ion:106 Resp: 5077

Ion	Ratio	Lower	Upper
106	100		
91	214.0	163.4	245.2

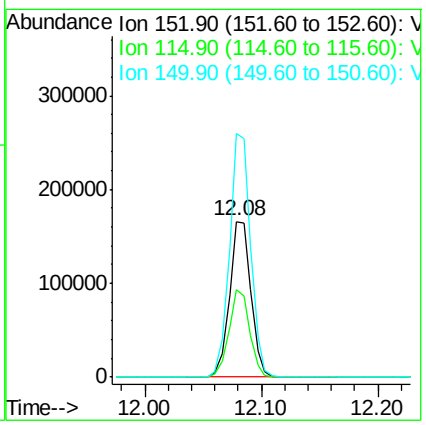


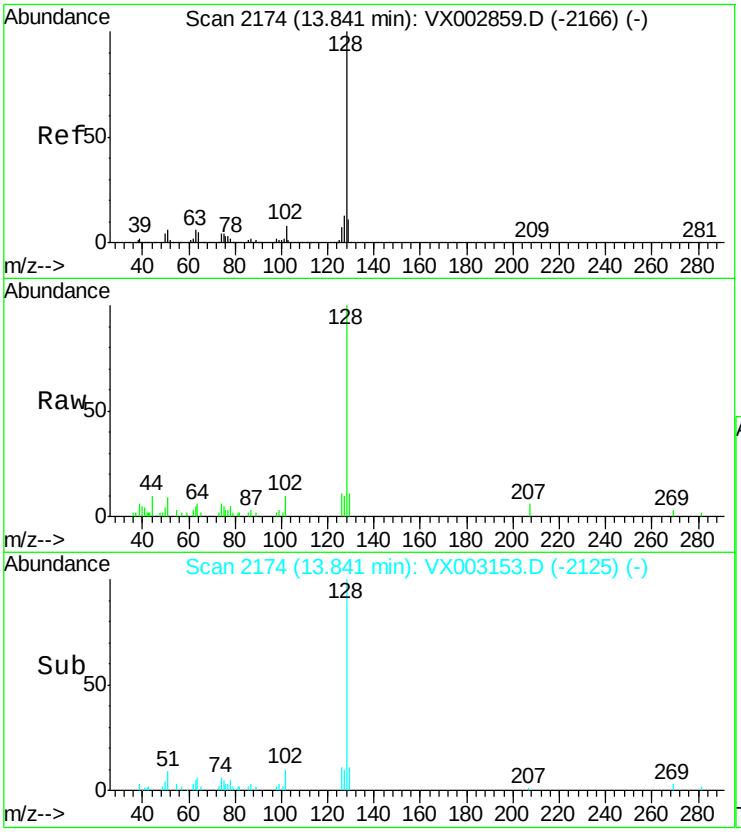


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX003153.D
Acq: 03 Jul 2018 17:13

Tgt Ion:152 Resp: 210887

Ion	Ratio	Lower	Upper
152	100		
115	54.5	40.1	120.2
150	155.1	0.0	347.2





#95
Naphthalene
Concen: 0.308 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX003153.D
Acq: 03 Jul 2018 17:13

Instrument :
MSVOA_X
ClientSampleId :
S10-0141

Tgt Ion:128 Resp: 4448

Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.4	15.6
129	11.0	8.6	13.0