Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070318\
Data File : VX003156.D
Acq On : 03 Jul 2018 18:33
Operator : JC/MD
Sample : J3754-13
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : S10-0146

Quant Time: Jul 05 09:42:18 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	276277	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	389124	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	360591	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	201653	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	174232	45.63	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.26%			
35) Dibromofluoromethane	5.51	113	146191	47.44	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.88%			
50) Toluene-d8	8.72	98	529059	47.02	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.04%			
62) 4-Bromofluorobenzene	11.14	95	193804	44.66	ug/l	0.00
Spiked Amount 50.000			Recovery = 89.32%			
Target Compounds						Qvalue
11) Tert butyl alcohol	3.07	59	54476	71.611	ug/l	100
16) Acetone	2.45	43	8828	5.582	ug/l	97
40) Benzene	6.15	78	1055068	85.095	ug/l	98
67) Ethyl Benzene	10.26	91	7758	0.513	ug/l	98
68) m/p-Xylenes	10.37	106	8269	1.418	ug/l	98
73) Isopropylbenzene	11.02	105	115471	8.512	ug/l	100
78) n-propylbenzene	11.37	91	69666	4.512	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	10101	0.853	ug/l	96
85) sec-Butylbenzene	11.95	105	7474	0.547	ug/l	80
86) p-Isopropyltoluene	12.07	119	5012	0.408	ug/l	85
95) Naphthalene	13.83	128	25912	1.877	ug/l	99

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

Quantitation Report (QT/LSC Reviewed)

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Data File : VX003156.D
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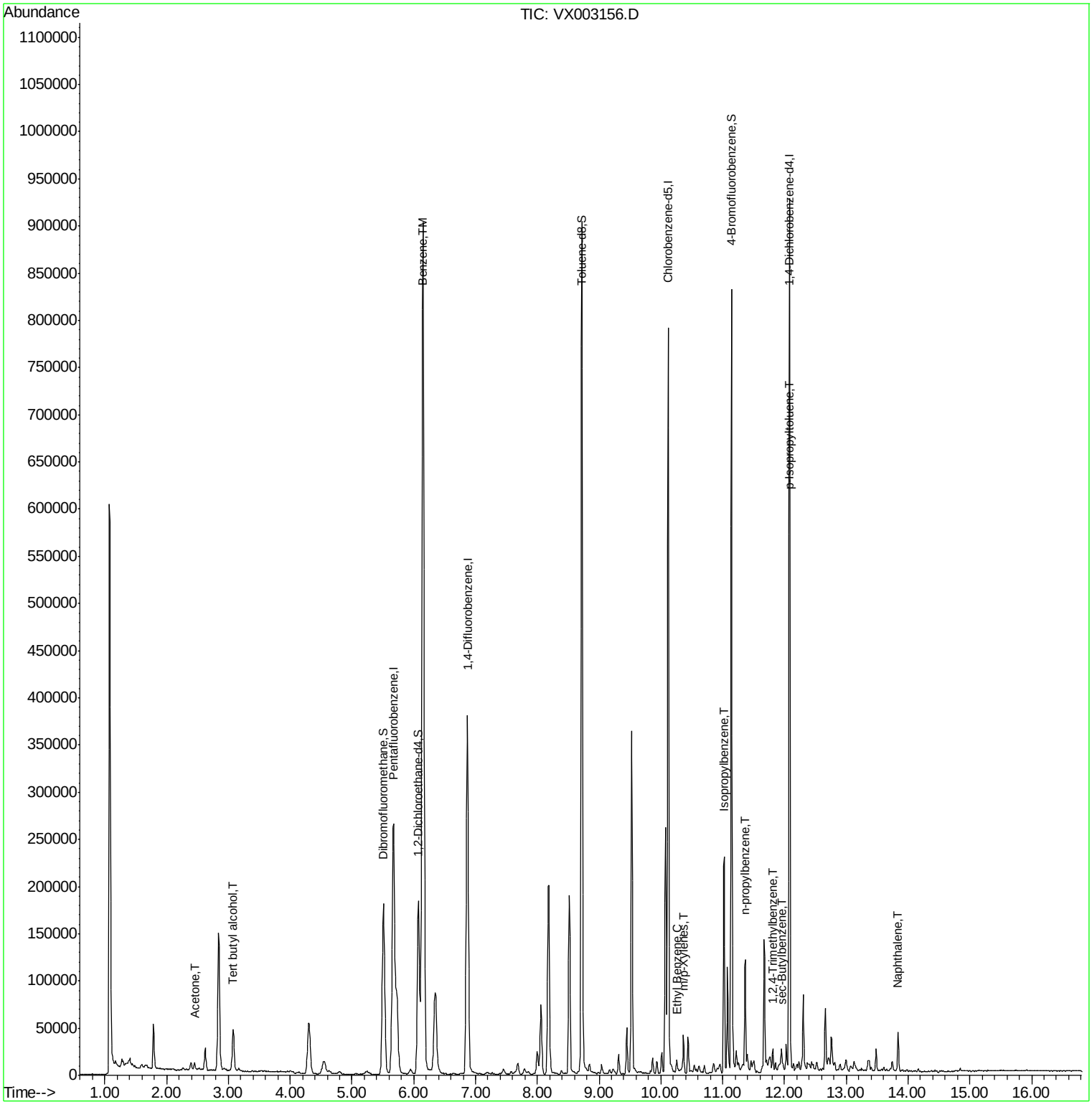
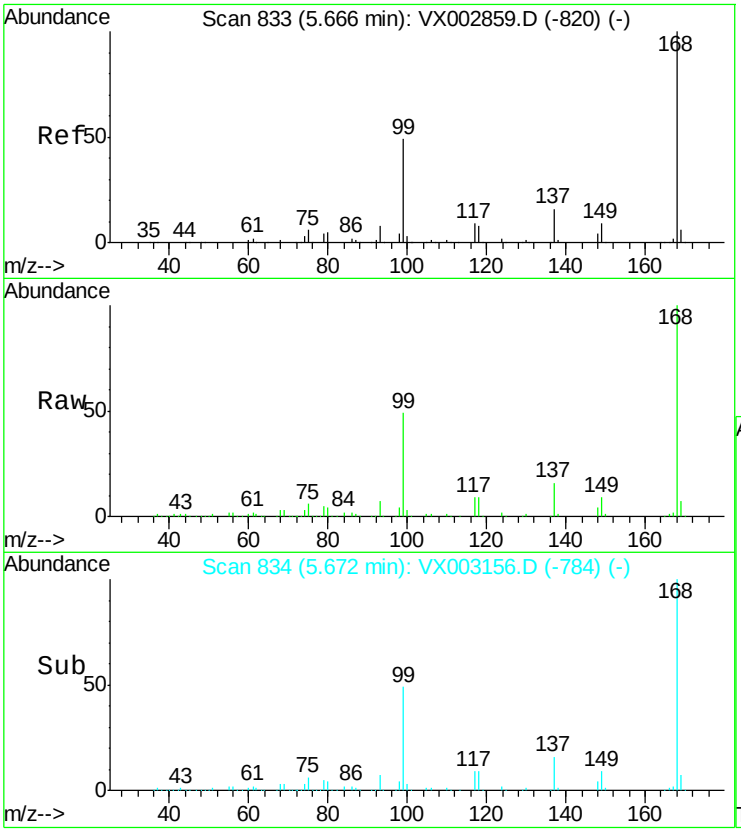
Sample : J3754-13
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
S10-0146

Quant Time: Jul 05 09:42:18 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



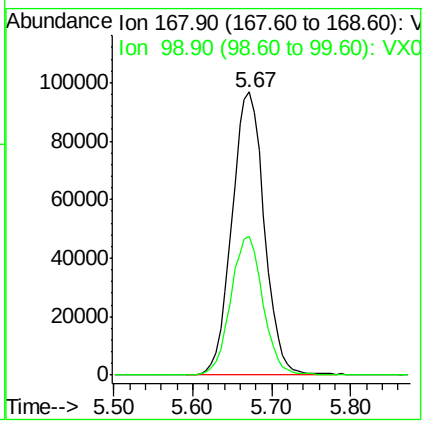


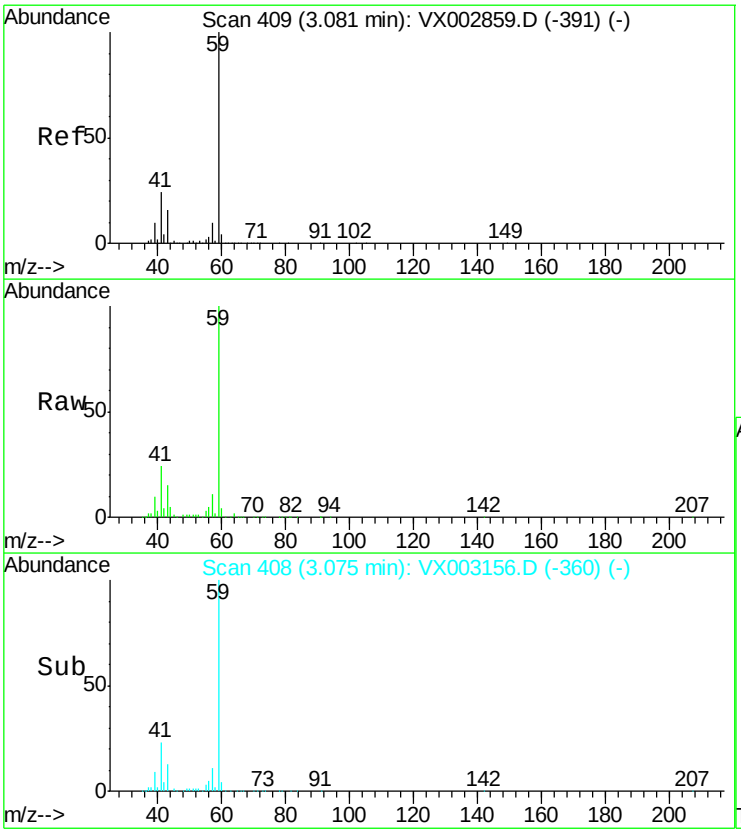
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.01 min
Lab File: VX003156.D
Acq: 03 Jul 2018 18:33

Instrument :
MSVOA_X
ClientSampleId :
S10-0146

Tgt Ion:168 Resp: 276277

Ion	Ratio	Lower	Upper
168	100		
99	49.1	39.3	58.9

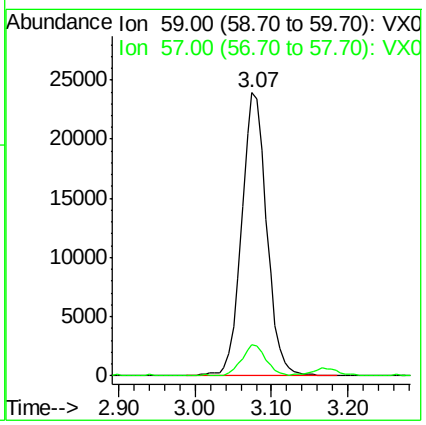


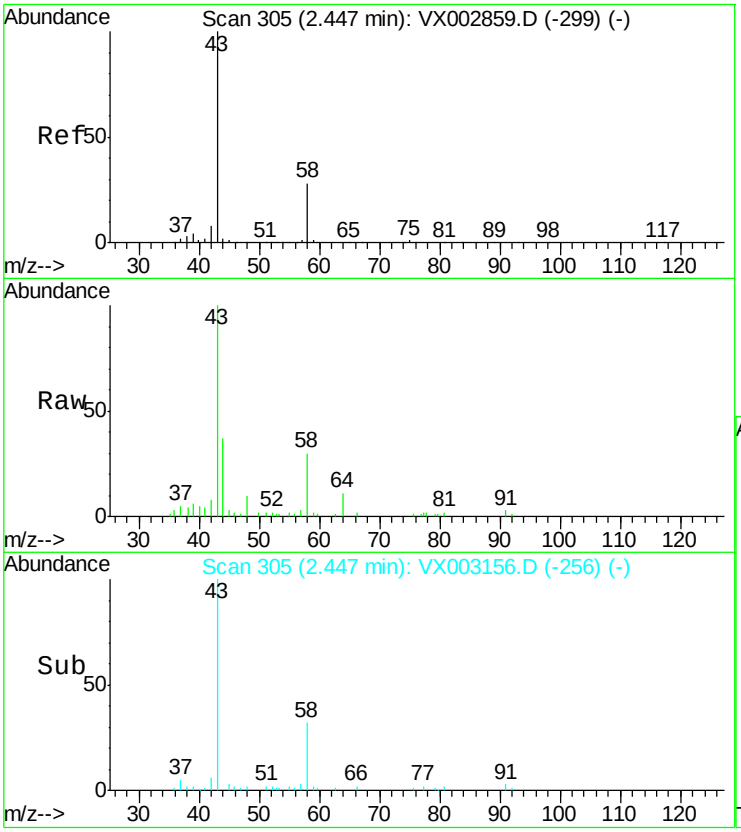


#11
Tert butyl alcohol
Concen: 71.611 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX003156.D
Acq: 03 Jul 2018 18:33

Tgt Ion: 59 Resp: 54476

Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.2	12.2



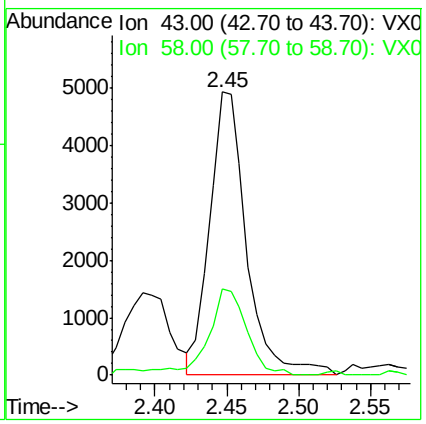


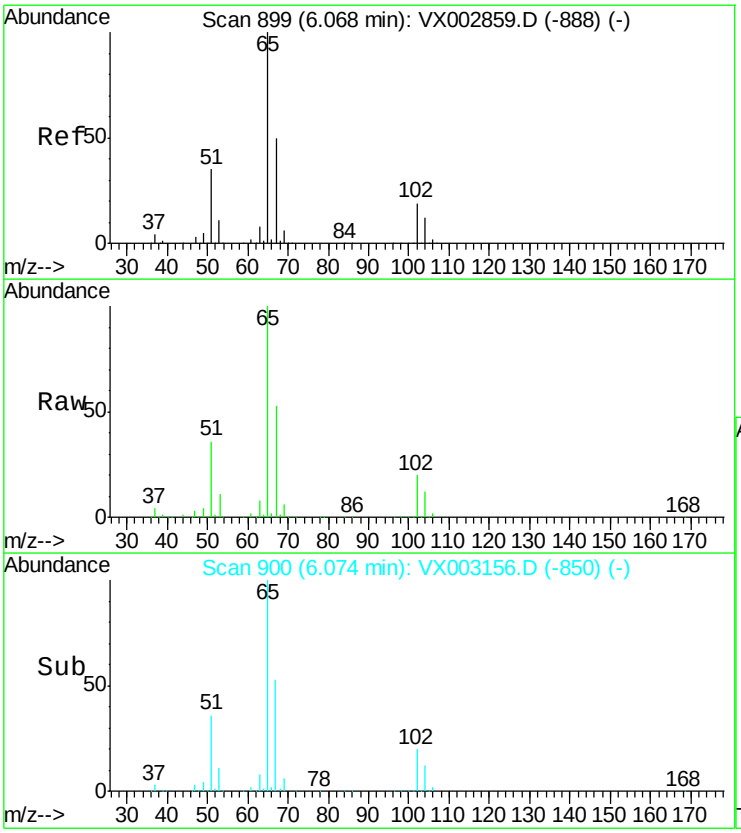
#16
Acetone
Concen: 5.582 ug/l
RT: 2.45 min Scan# 305
Delta R.T. -0.00 min
Lab File: VX003156.D
Acq: 03 Jul 2018 18:33

Instrument :
MSVOA_X
ClientSampleId :
S10-0146

Tgt Ion: 43 Resp: 8828

Ion	Ratio	Lower	Upper
43	100		
58	28.9	22.1	33.1

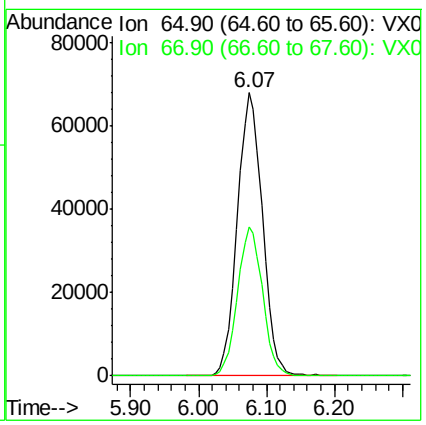


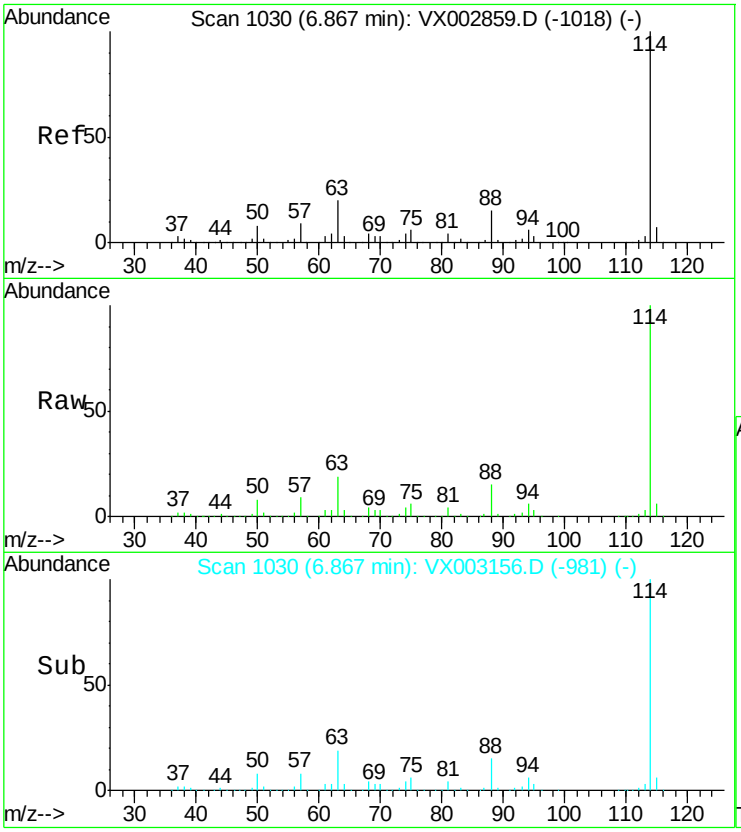


#33
1,2-Dichloroethane-d4
Concen: 45.626 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.01 min
Lab File: VX003156.D
Acq: 03 Jul 2018 18:33

Tgt Ion: 65 Resp: 174232

Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	102.6



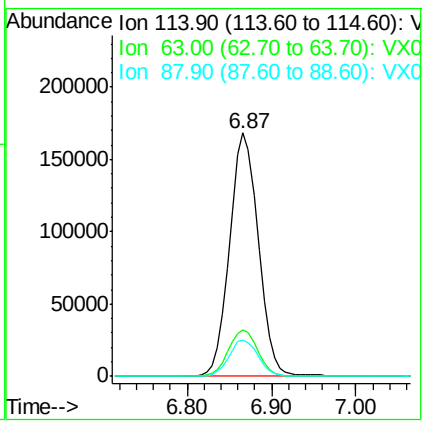


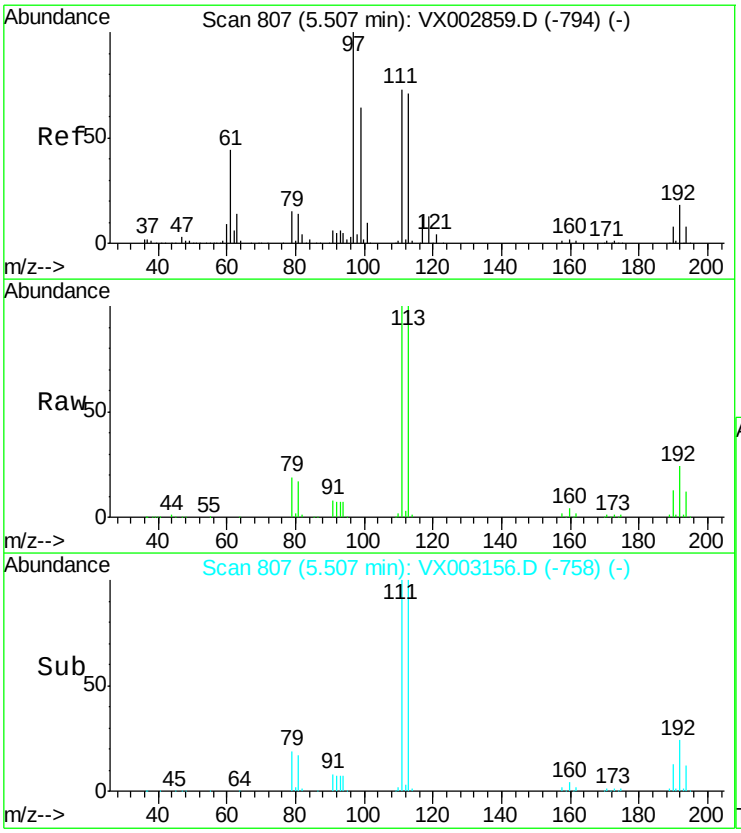
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VX003156.D
Acq: 03 Jul 2018 18:33

Instrument :
MSVOA_X
ClientSampleId :
S10-0146

Tgt Ion:114 Resp: 389124

Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	41.4
88	14.6	0.0	30.0

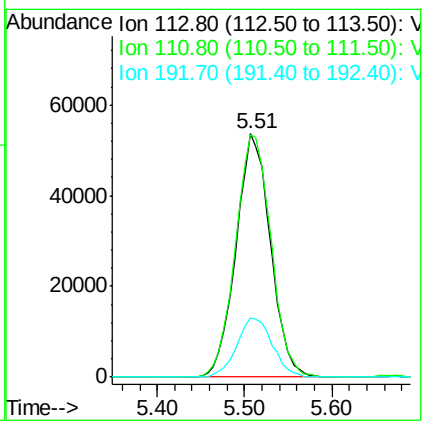


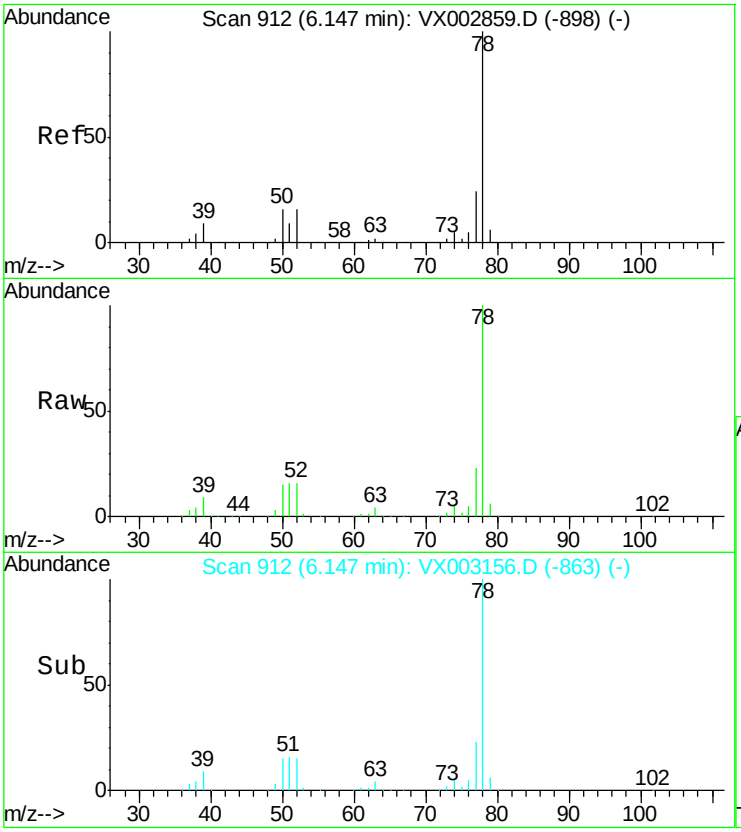


#35
Dibromofluoromethane
Concen: 47.441 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX003156.D
Acq: 03 Jul 2018 18:33

Tgt Ion:113 Resp: 146191

Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.4	122.0
192	25.3	19.1	28.7



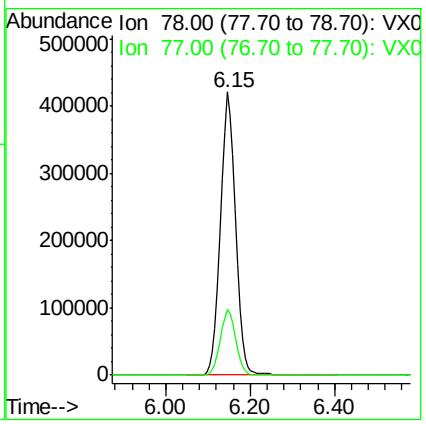


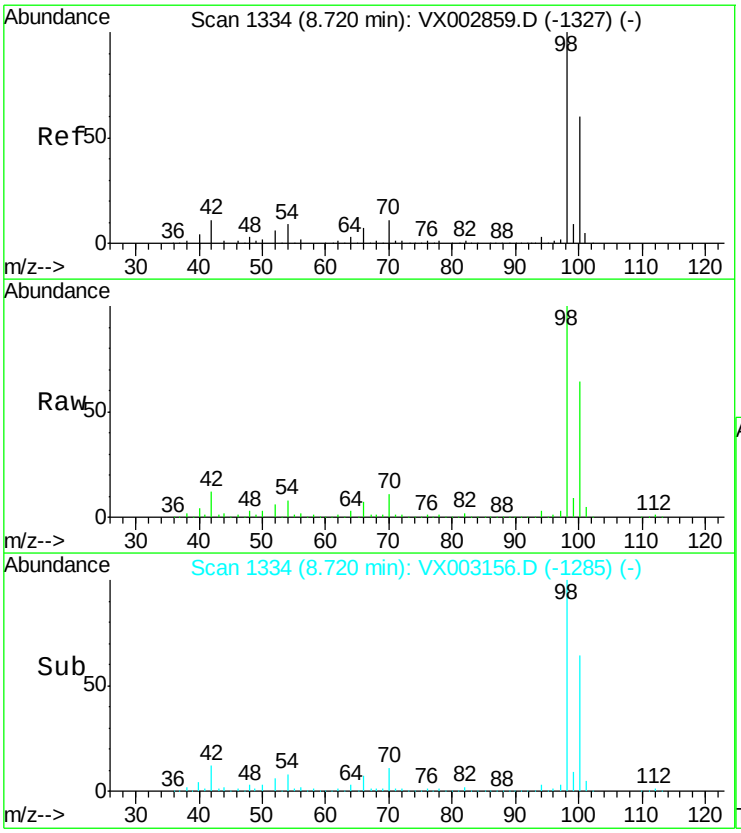
#40
Benzene
Concen: 85.095 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX003156.D
Acq: 03 Jul 2018 18:33

Instrument :
MSVOA_X
ClientSampleId :
S10-0146

Tgt Ion: 78 Resp: 1055068

Ion	Ratio	Lower	Upper
78	100		
77	23.0	19.1	28.7

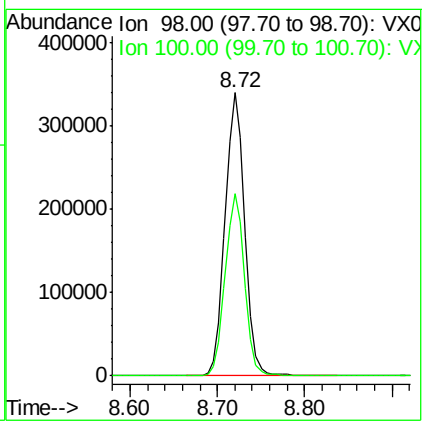


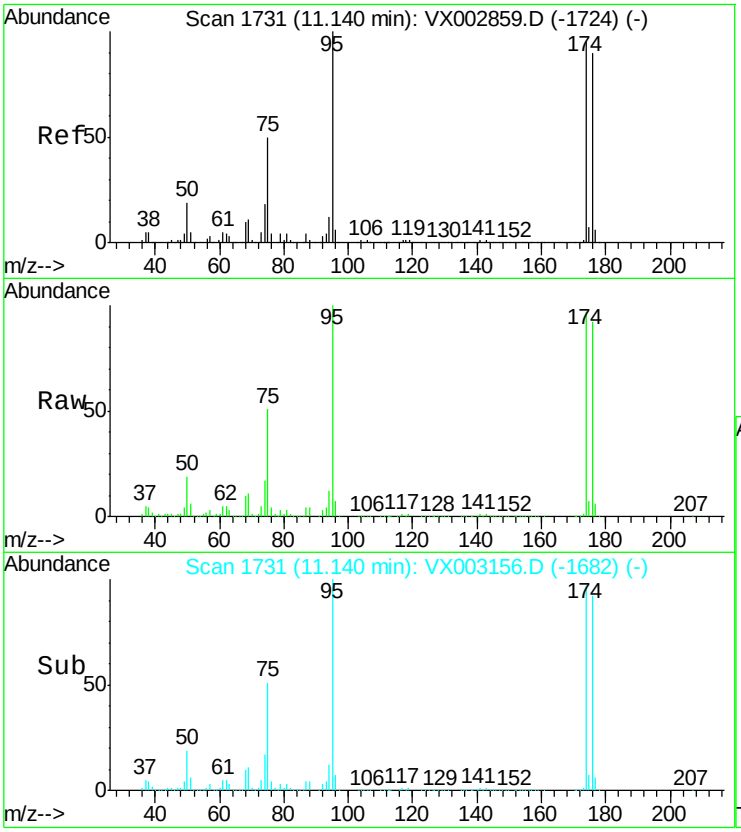


#50
Toluene-d8
Concen: 47.015 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003156.D
Acq: 03 Jul 2018 18:33

Tgt Ion: 98 Resp: 529059

Ion	Ratio	Lower	Upper
98	100		
100	64.0	50.9	76.3



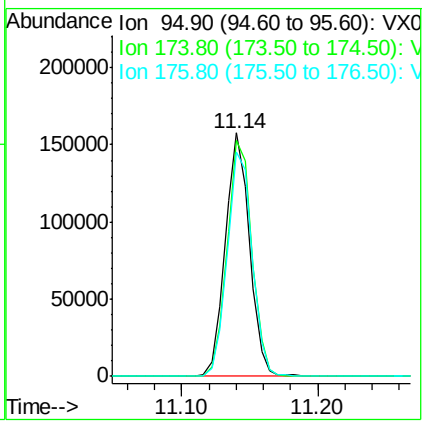


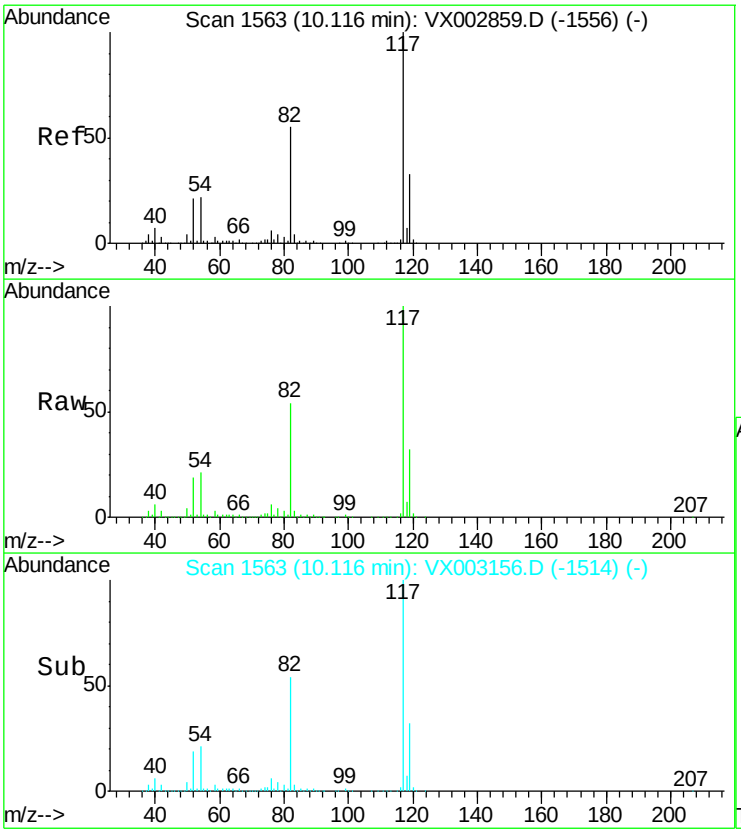
#62
4-Bromofluorobenzene
Concen: 44.658 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003156.D
Acq: 03 Jul 2018 18:33

Instrument :
MSVOA_X
ClientSampleId :
S10-0146

Tgt Ion: 95 Resp: 193804

Ion	Ratio	Lower	Upper
95	100		
174	99.8	0.0	187.4
176	95.6	0.0	181.0

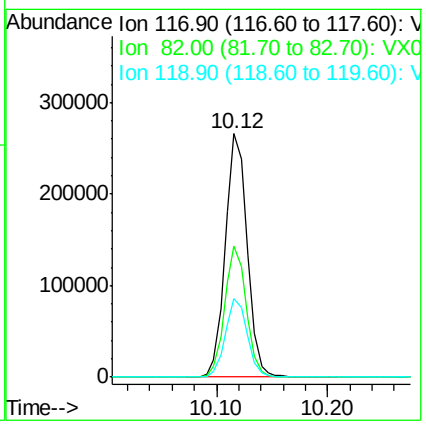


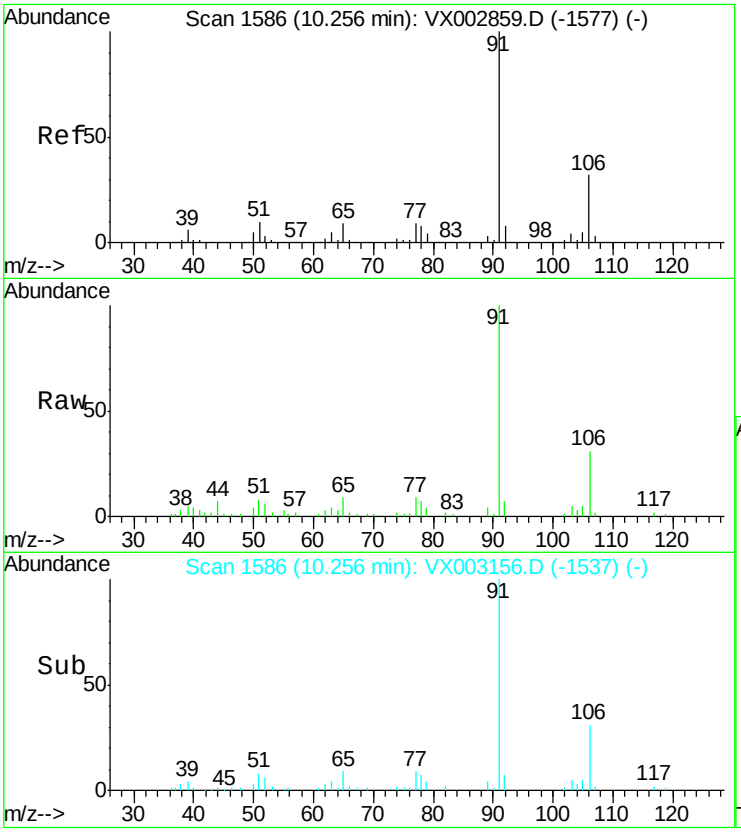


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003156.D
Acq: 03 Jul 2018 18:33

Tgt Ion:117 Resp: 360591

Ion	Ratio	Lower	Upper
117	100		
82	53.7	45.0	67.4
119	32.5	25.8	38.6



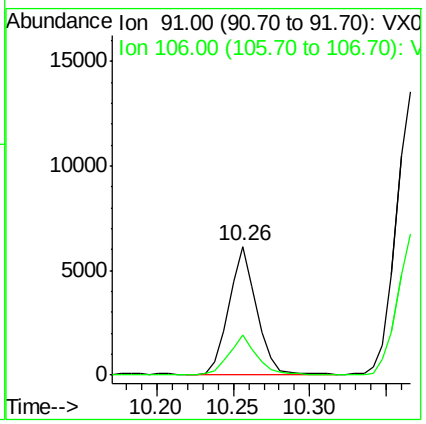


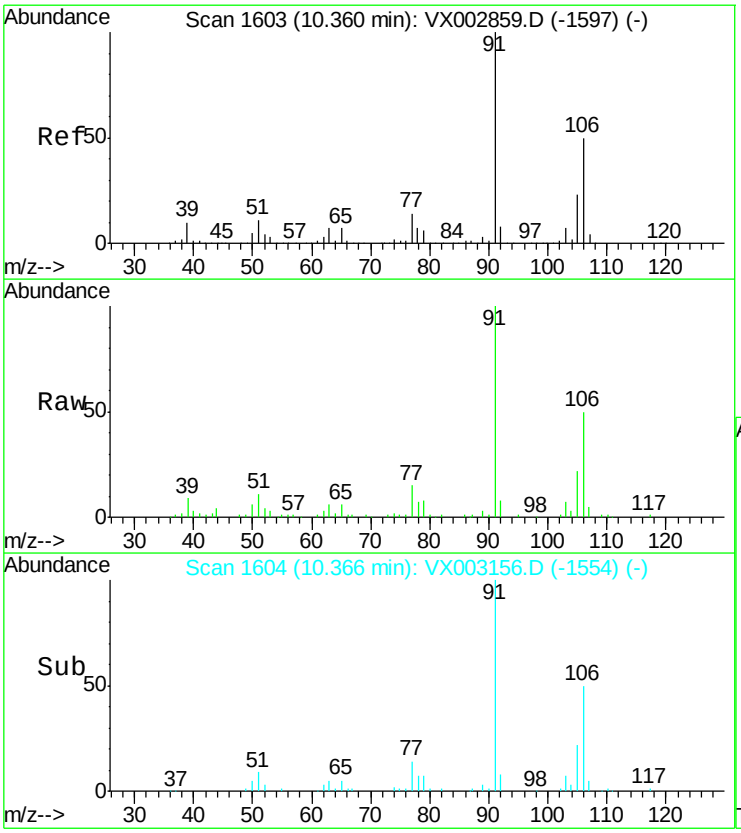
#67
Ethyl Benzene
Concen: 0.513 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX003156.D
Acq: 03 Jul 2018 18:33

Instrument : MSVOA_X
ClientSampleId : S10-0146

Tgt Ion: 91 Resp: 7758

Ion	Ratio	Lower	Upper
91	100		
106	30.8	25.5	38.3

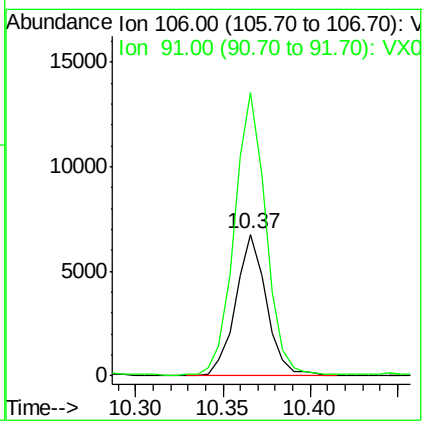


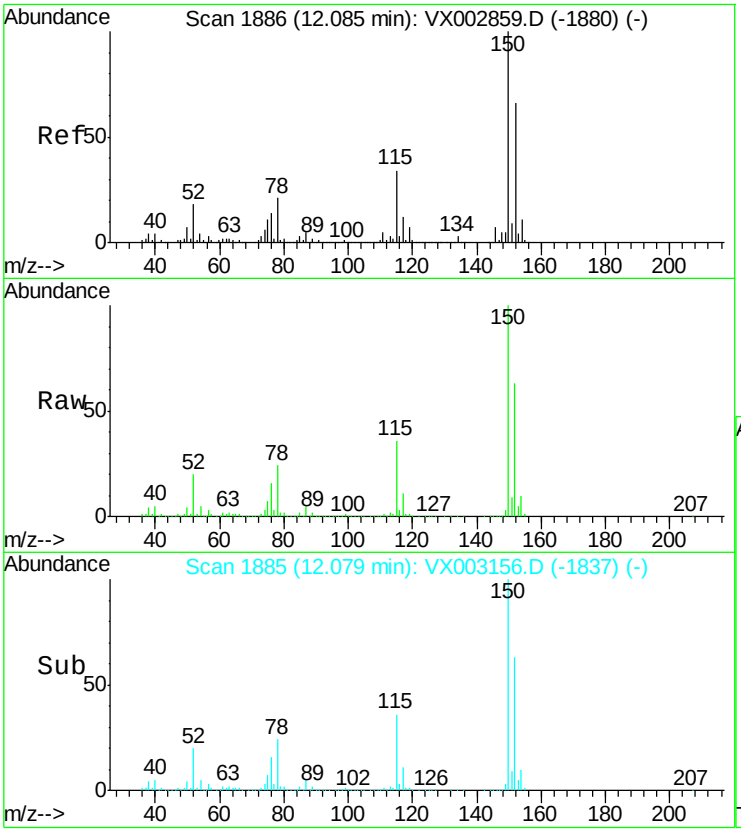


#68
m/p-Xylenes
Concen: 1.418 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.01 min
Lab File: VX003156.D
Acq: 03 Jul 2018 18:33

Tgt Ion:106 Resp: 8269

Ion	Ratio	Lower	Upper
106	100		
91	206.8	163.4	245.2



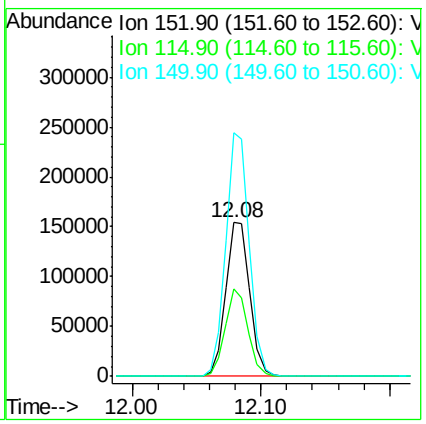


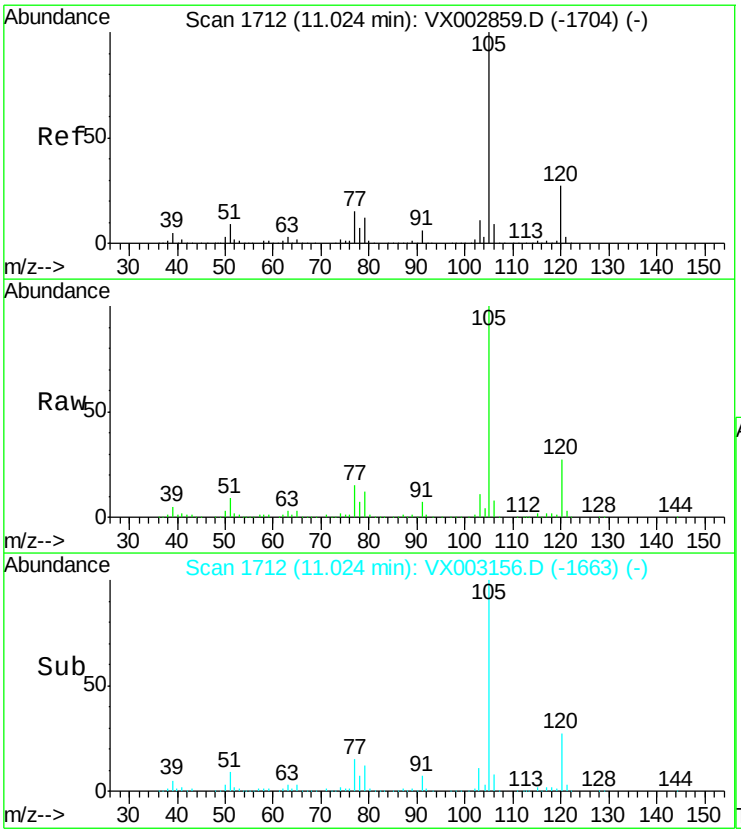
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX003156.D
Acq: 03 Jul 2018 18:33

Instrument :
MSVOA_X
ClientSampleId :
S10-0146

Tgt Ion:152 Resp: 201653

Ion	Ratio	Lower	Upper
152	100		
115	54.1	40.1	120.2
150	155.0	0.0	347.2

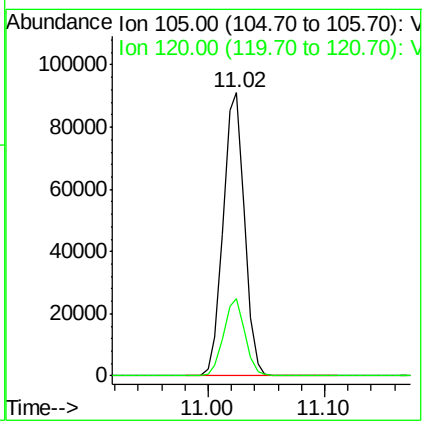


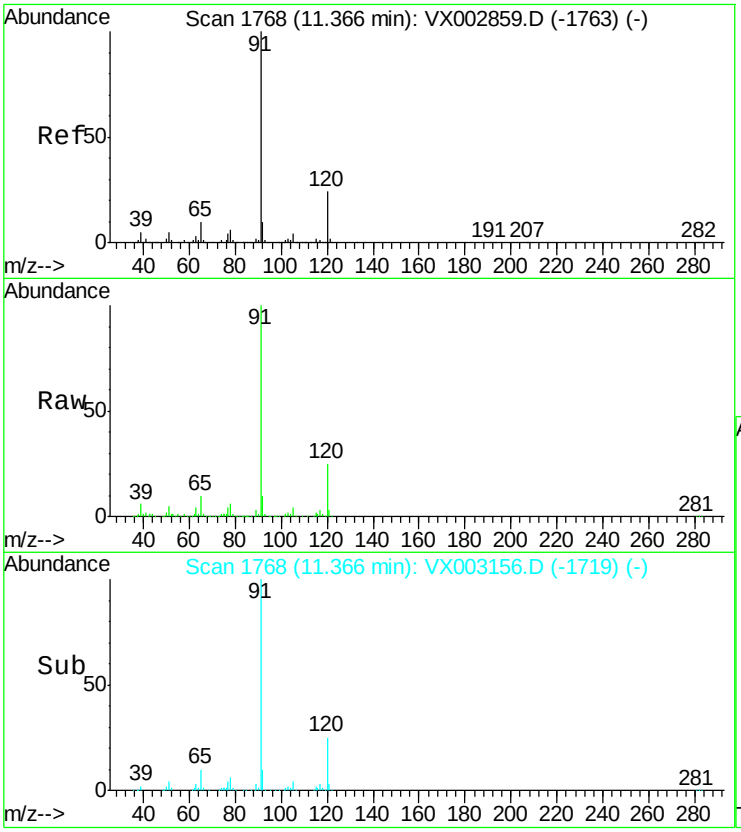


#73
Isopropylbenzene
Concen: 8.512 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VX003156.D
Acq: 03 Jul 2018 18:33

Tgt Ion:105 Resp: 115471

Ion	Ratio	Lower	Upper
105	100		
120	27.0	13.5	40.4



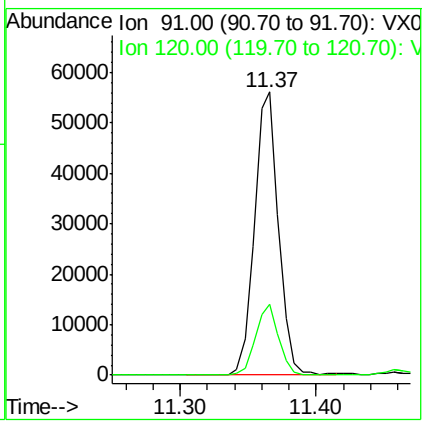


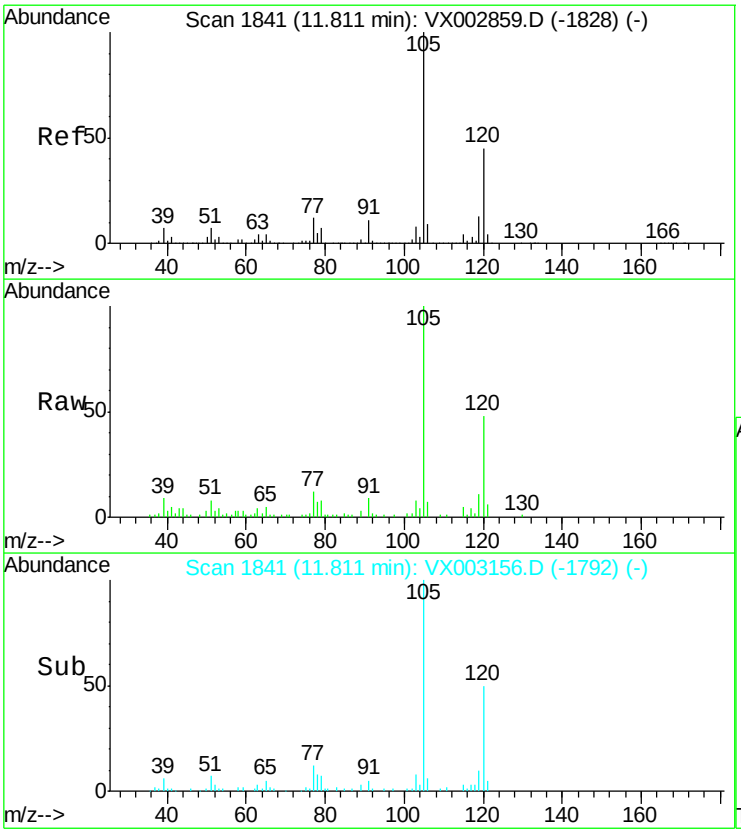
#78
n-propylbenzene
Concen: 4.512 ug/l
RT: 11.37 min Scan# 1768
Delta R.T. -0.00 min
Lab File: VX003156.D
Acq: 03 Jul 2018 18:33

Instrument : MSVOA_X
ClientSampleId : S10-0146

Tgt Ion: 91 Resp: 69666

Ion	Ratio	Lower	Upper
91	100		
120	24.0	11.8	35.4

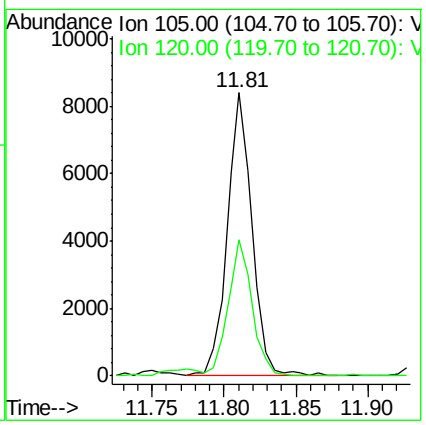


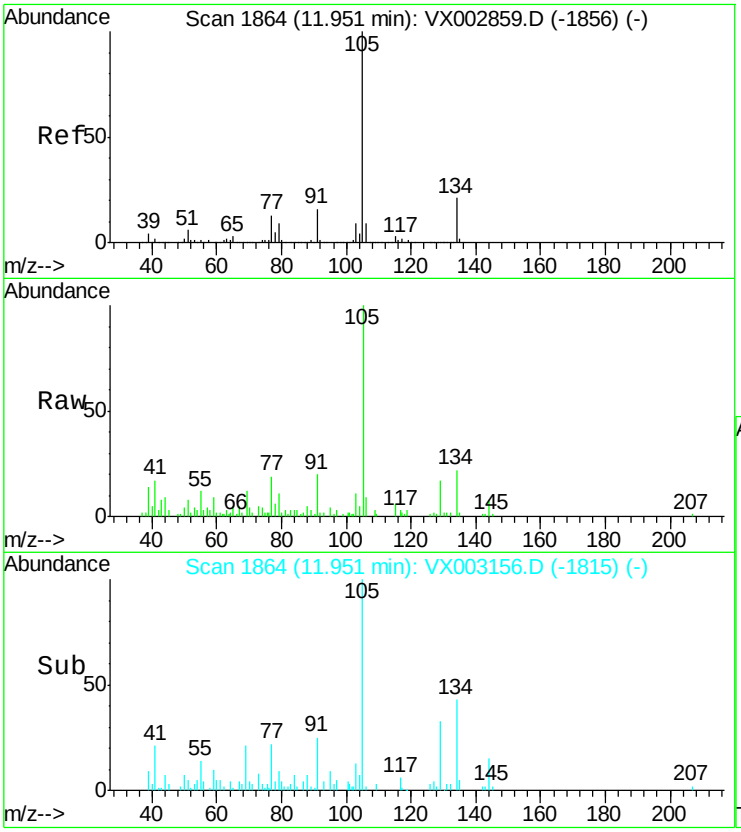


#84
1,2,4-Trimethylbenzene
Concen: 0.853 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX003156.D
Acq: 03 Jul 2018 18:33

Tgt Ion:105 Resp: 10101

Ion	Ratio	Lower	Upper
105	100		
120	46.8	22.3	66.8



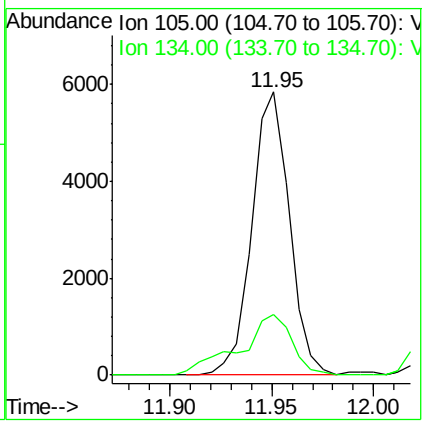


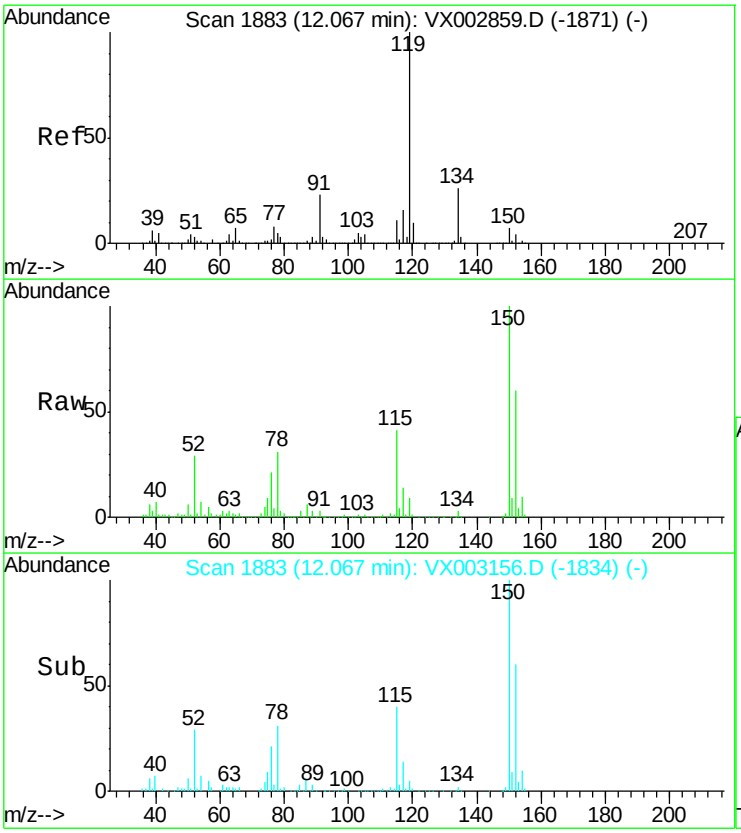
#85
sec-Butylbenzene
Concen: 0.547 ug/l
RT: 11.95 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VX003156.D
Acq: 03 Jul 2018 18:33

Instrument :
MSVOA_X
ClientSampleId :
S10-0146

Tgt Ion:105 Resp: 7474

Ion	Ratio	Lower	Upper
105	100		
134	30.0	10.4	31.1

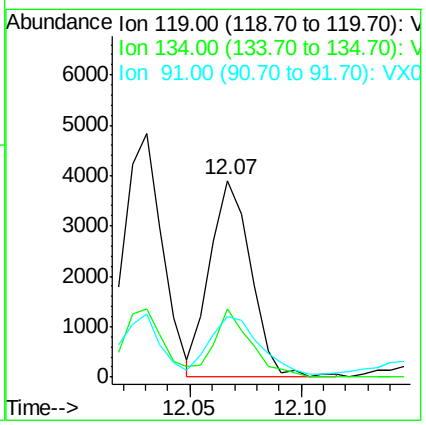


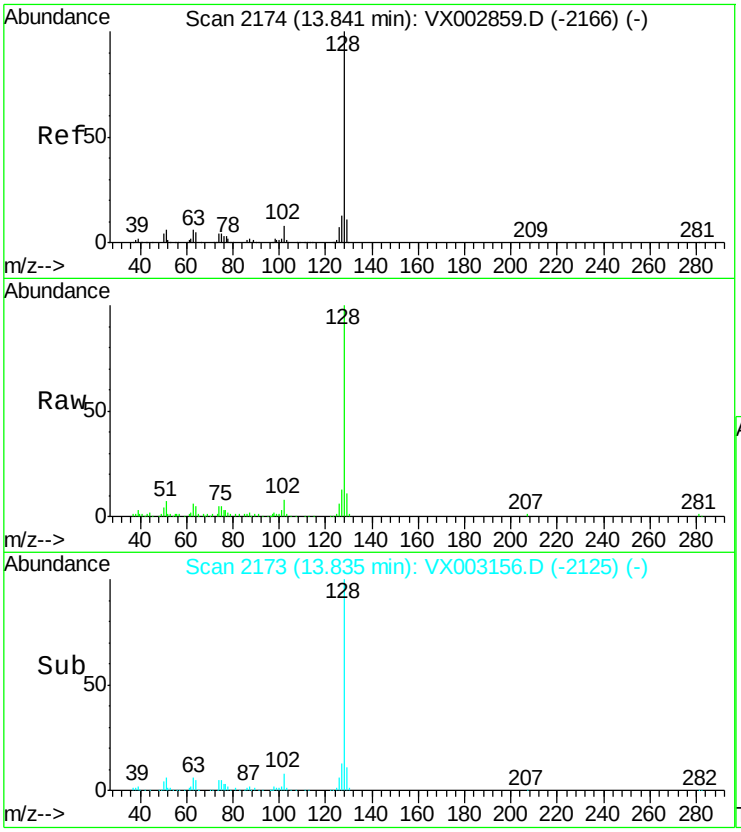


#86
p-Isopropyltoluene
Concen: 0.408 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. -0.00 min
Lab File: VX003156.D
Acq: 03 Jul 2018 18:33

Tgt Ion:119 Resp: 5012

Ion	Ratio	Lower	Upper
119	100		
134	30.9	13.4	40.1
91	34.7	11.9	35.7





#95
Naphthalene
Concen: 1.877 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. -0.01 min
Lab File: VX003156.D
Acq: 03 Jul 2018 18:33

Instrument :
MSVOA_X
ClientSampleId :
S10-0146

Tgt Ion:128 Resp: 25912

Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.4	15.6
129	11.3	8.6	13.0