Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070318\
Data File : VX003152.D
Acq On : 03 Jul 2018 16:46
Operator : JC/MD
Sample : J3754-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : S10-0143

Quant Time: Jul 04 06:51:16 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	287020	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	399728	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	374108	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	216084	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	182447	45.99	ug/l	0.01
Spiked Amount 50.000			Recovery = 91.98%			
35) Dibromofluoromethane	5.51	113	151780	47.95	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.90%			
50) Toluene-d8	8.72	98	559242	48.38	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.76%			
62) 4-Bromofluorobenzene	11.14	95	199538	44.76	ug/l	0.00
Spiked Amount 50.000			Recovery = 89.52%			
Target Compounds						Qvalue
10) Methyl Iodide	2.52	142	4063	7.331	ug/l #	98
11) Tert butyl alcohol	3.08	59	8008	10.133	ug/l	96
16) Acetone	2.45	43	4350	2.648	ug/l	90
39) Methylcyclohexane	7.45	83	3328	0.652	ug/l #	64
40) Benzene	6.15	78	72813	5.717	ug/l	97
67) Ethyl Benzene	10.26	91	106379	6.777	ug/l	99
68) m/p-Xylenes	10.37	106	6535	1.080	ug/l	96
73) Isopropylbenzene	11.02	105	30301	2.084	ug/l	97
78) n-propylbenzene	11.37	91	32145	1.943	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	7277	0.594	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	6376	0.503	ug/l	99
85) sec-Butylbenzene	11.95	105	13093	0.894	ug/l	79
86) p-Isopropyltoluene	12.07	119	11675	0.887	ug/l	93
89) n-Butylbenzene	12.38	91	3354	0.293	ug/l #	44
95) Naphthalene	13.83	128	14288	0.966	ug/l #	96

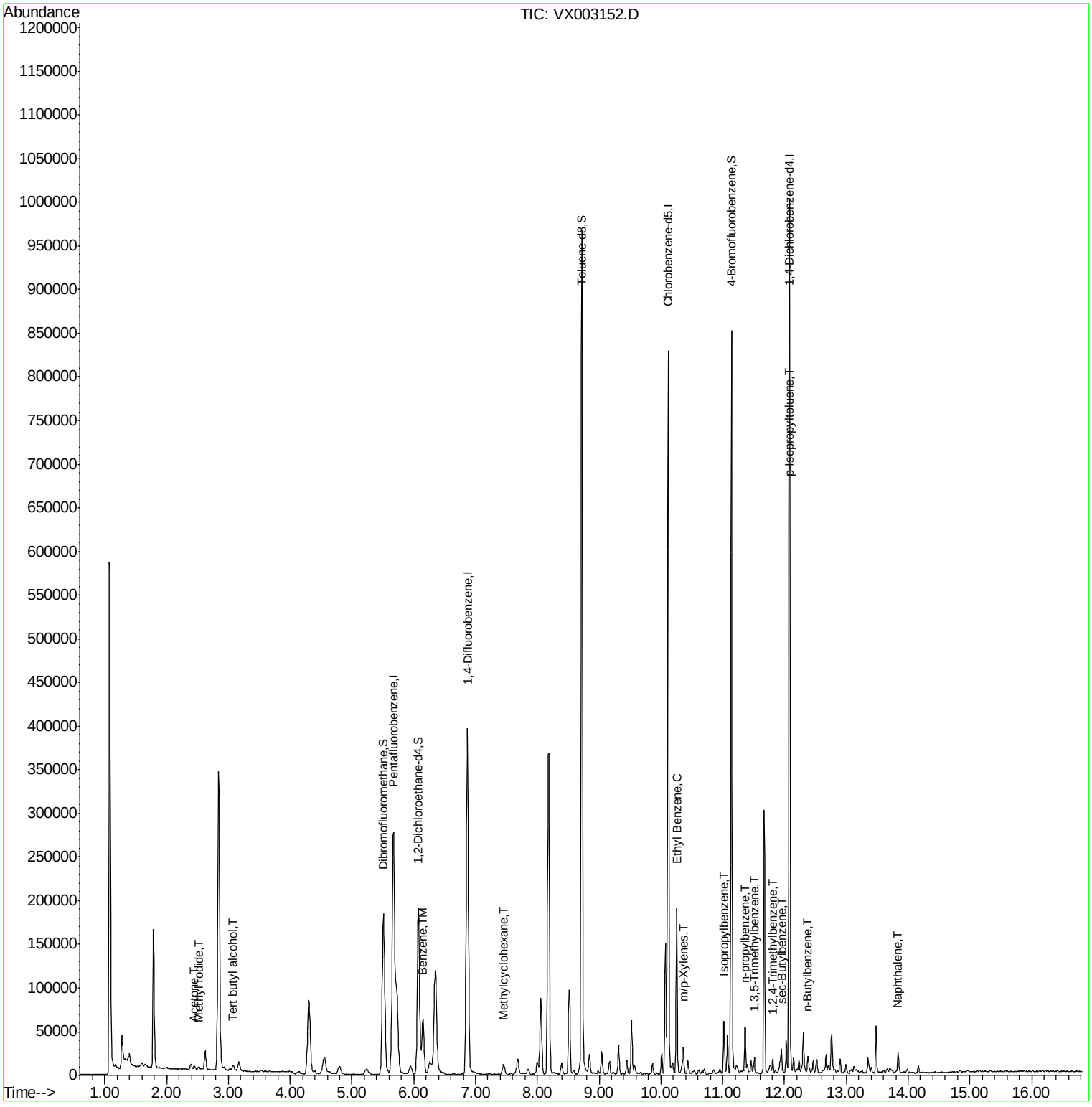
(#) = qualifier out of range (m) = manual integration (+) = signals summed

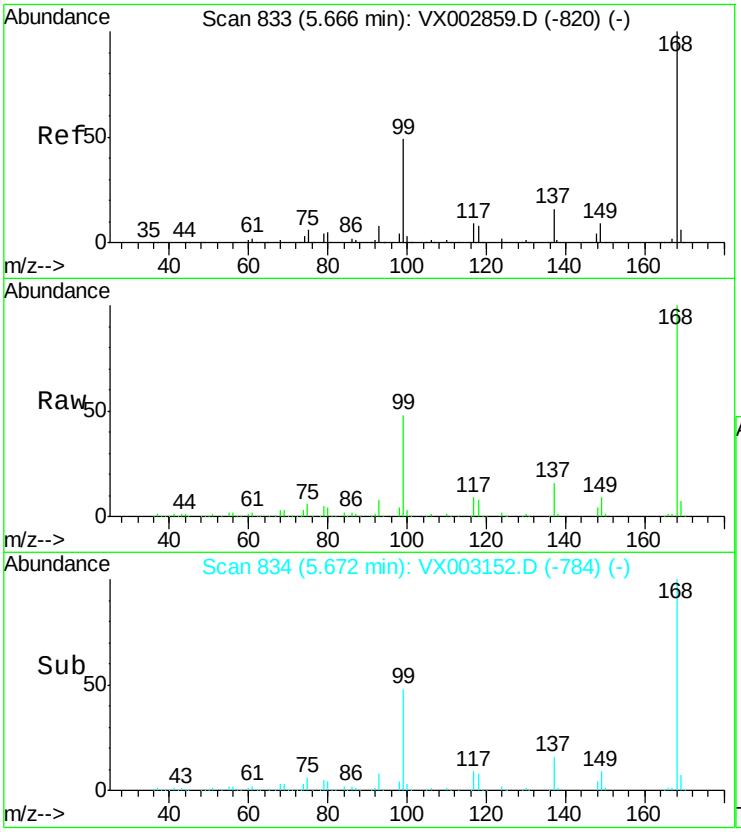
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070318\
Data File : VX003152.D
Acq On : 03 Jul 2018 16:46
Operator : JC/MD
Sample : J3754-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
S10-0143

Quant Time: Jul 04 06:51:16 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



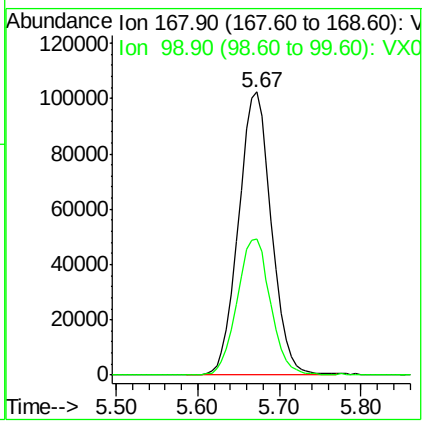


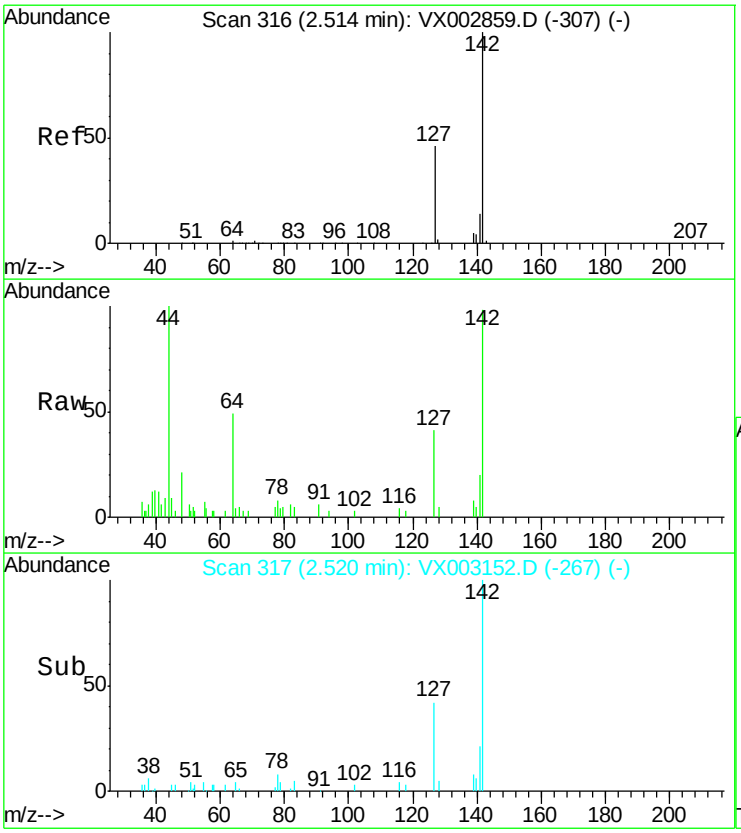
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.01 min
Lab File: VX003152.D
Acq: 03 Jul 2018 16:46

Instrument :
MSVOA_X
ClientSampleId :
S10-0143

Tgt Ion:168 Resp: 287020

Ion	Ratio	Lower	Upper
168	100		
99	48.3	39.3	58.9

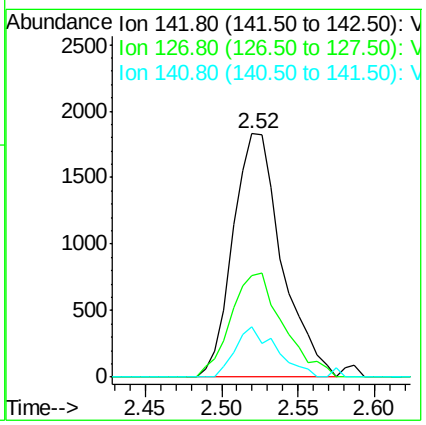


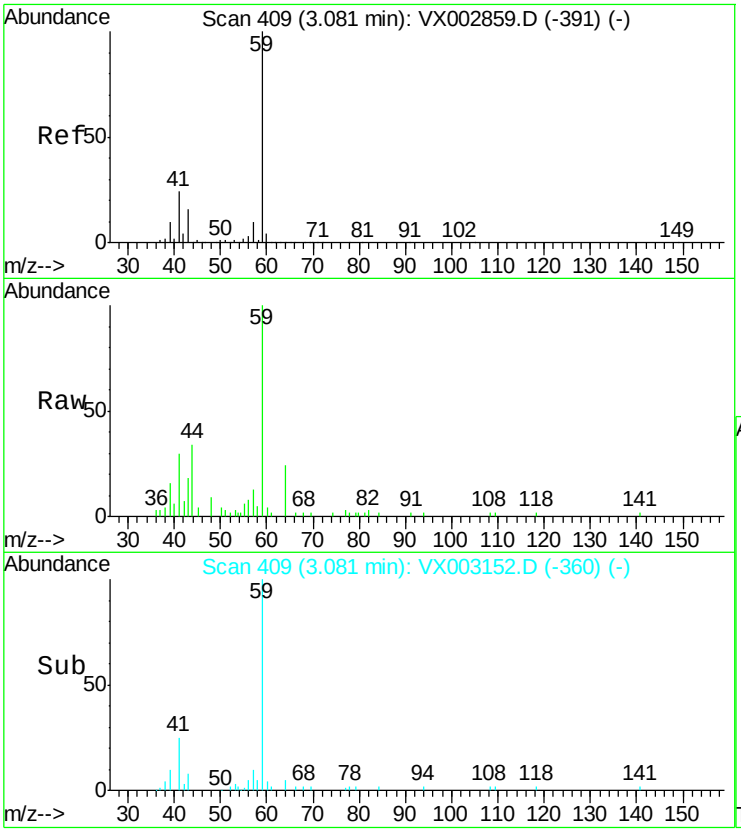


#10
Methyl Iodide
Concen: 7.331 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX003152.D
Acq: 03 Jul 2018 16:46

Tgt Ion:142 Resp: 4063

Ion	Ratio	Lower	Upper
142	100		
127	45.7	36.6	55.0
141	17.4	11.3	16.9#



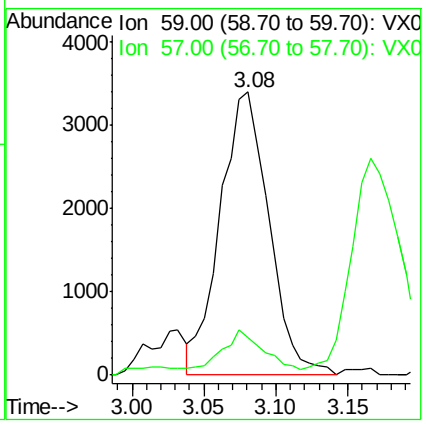


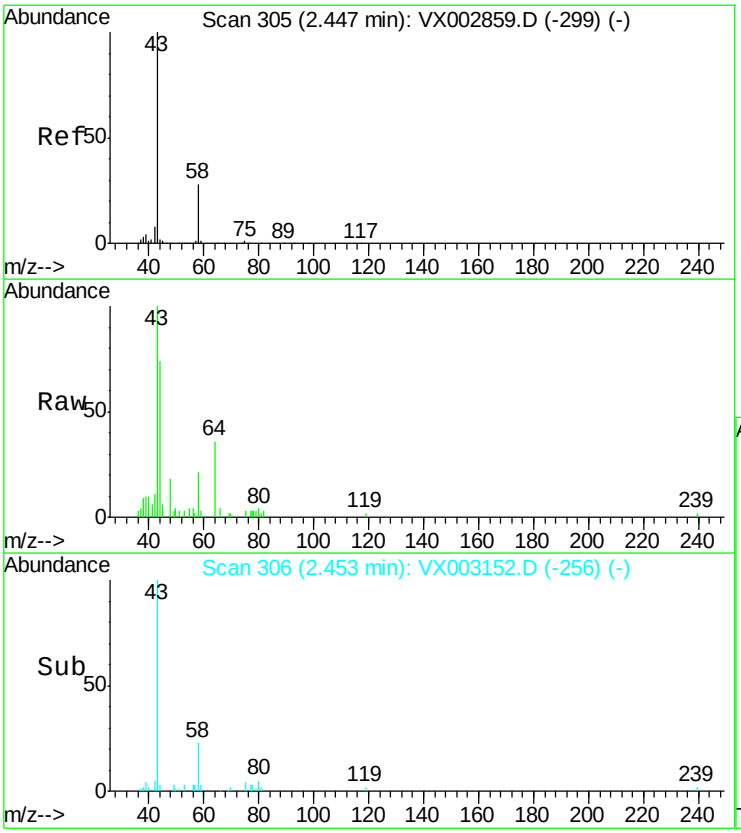
#11
Tert butyl alcohol
Concen: 10.133 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.00 min
Lab File: VX003152.D
Acq: 03 Jul 2018 16:46

Instrument :
MSVOA_X
ClientSampleId :
S10-0143

Tgt Ion: 59 Resp: 8008

Ion	Ratio	Lower	Upper
59	100		
57	11.6	8.2	12.2

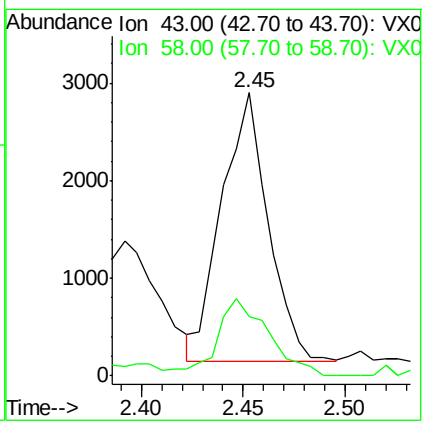


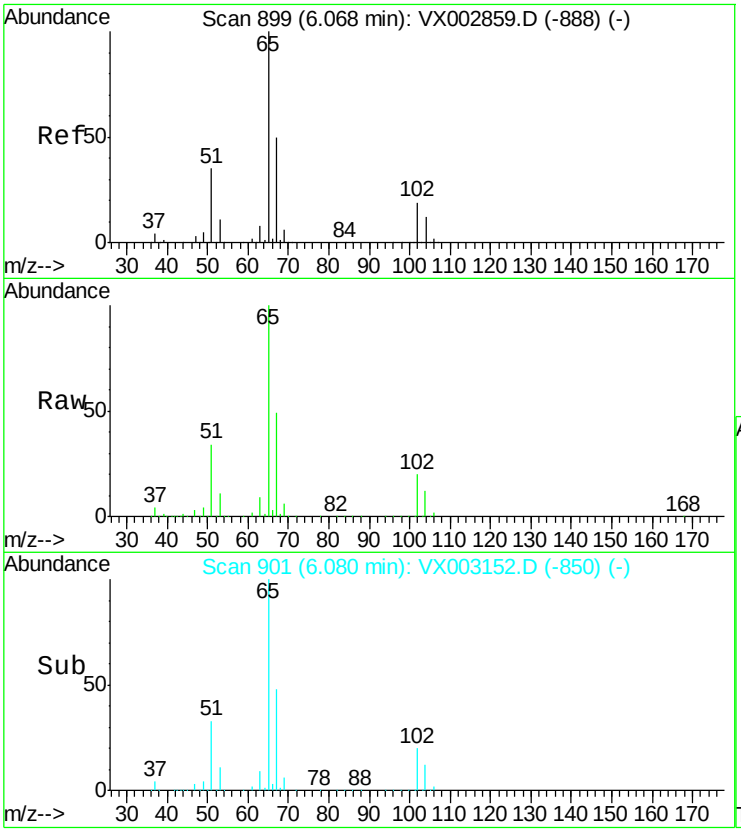


#16
Acetone
Concen: 2.648 ug/l
RT: 2.45 min Scan# 306
Delta R.T. 0.01 min
Lab File: VX003152.D
Acq: 03 Jul 2018 16:46

Tgt Ion: 43 Resp: 4350

Ion	Ratio	Lower	Upper
43	100		
58	22.3	22.1	33.1



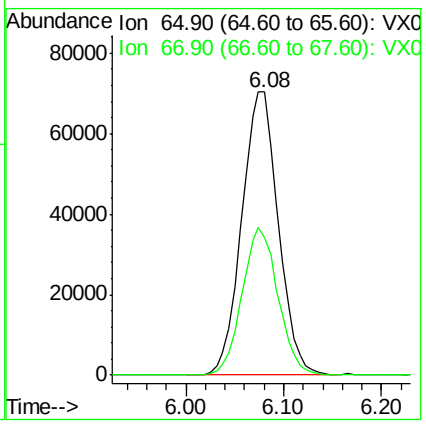


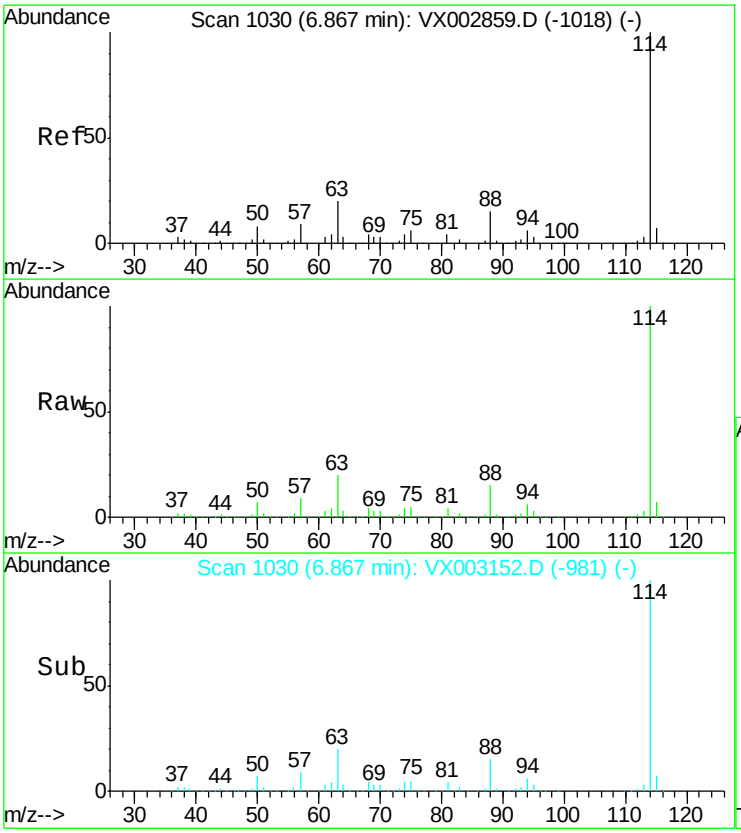
#33
1,2-Dichloroethane-d4
Concen: 45.989 ug/l
RT: 6.08 min Scan# 901
Delta R.T. 0.01 min
Lab File: VX003152.D
Acq: 03 Jul 2018 16:46

Instrument :
MSVOA_X
ClientSampleId :
S10-0143

Tgt Ion: 65 Resp: 182447

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	102.6

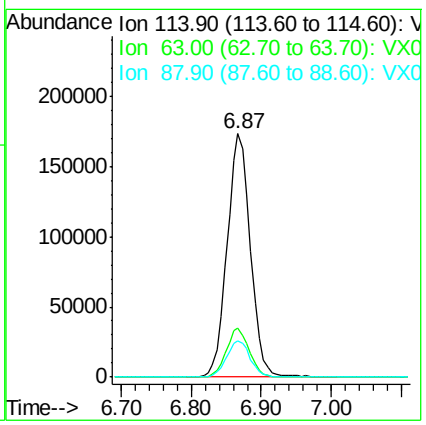


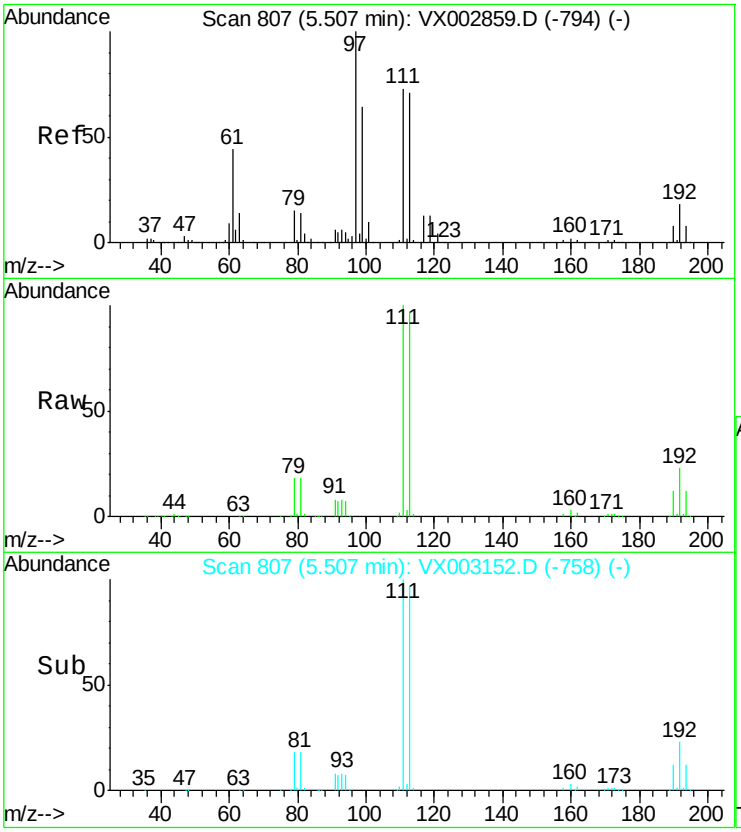


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VX003152.D
Acq: 03 Jul 2018 16:46

Tgt Ion:114 Resp: 399728

Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	41.4
88	15.1	0.0	30.0



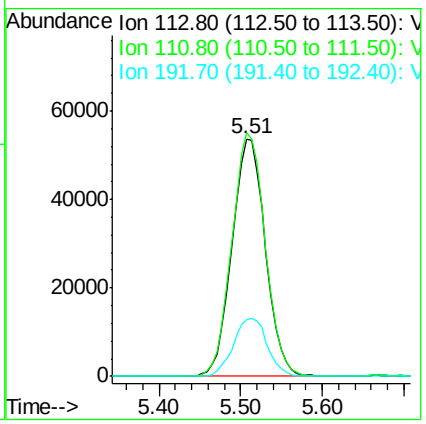


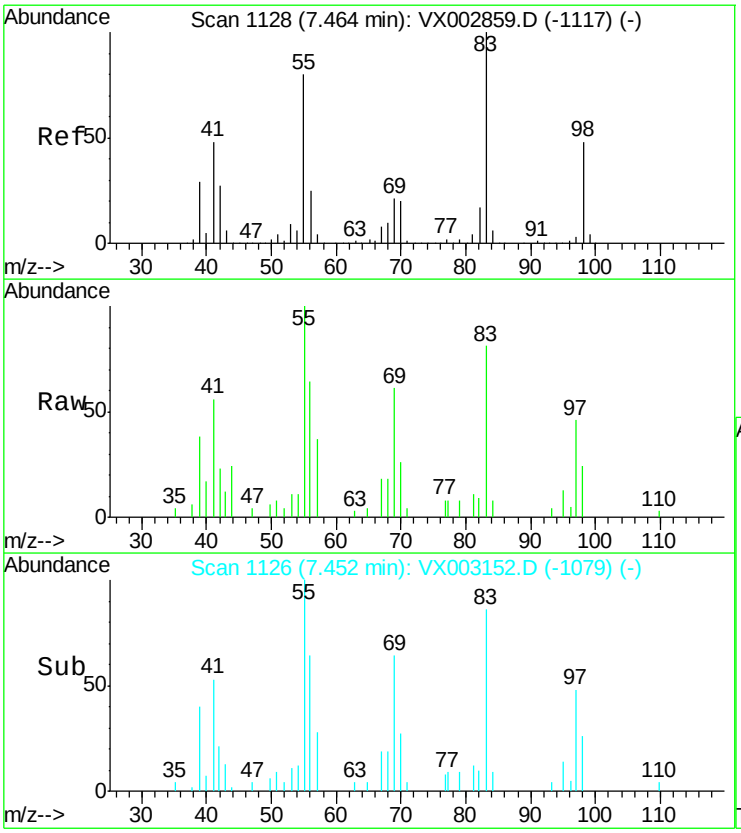
#35
Dibromofluoromethane
Concen: 47.949 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX003152.D
Acq: 03 Jul 2018 16:46

Instrument :
MSVOA_X
ClientSampleId :
S10-0143

Tgt Ion:113 Resp: 151780

Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.4	122.0
192	25.0	19.1	28.7

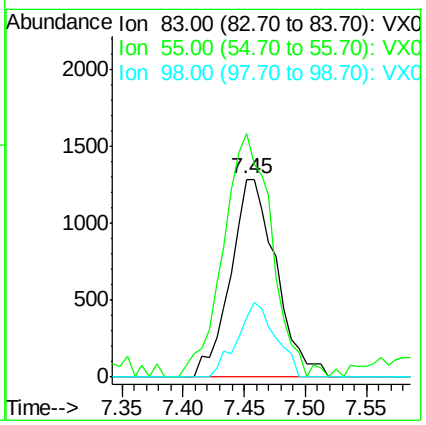


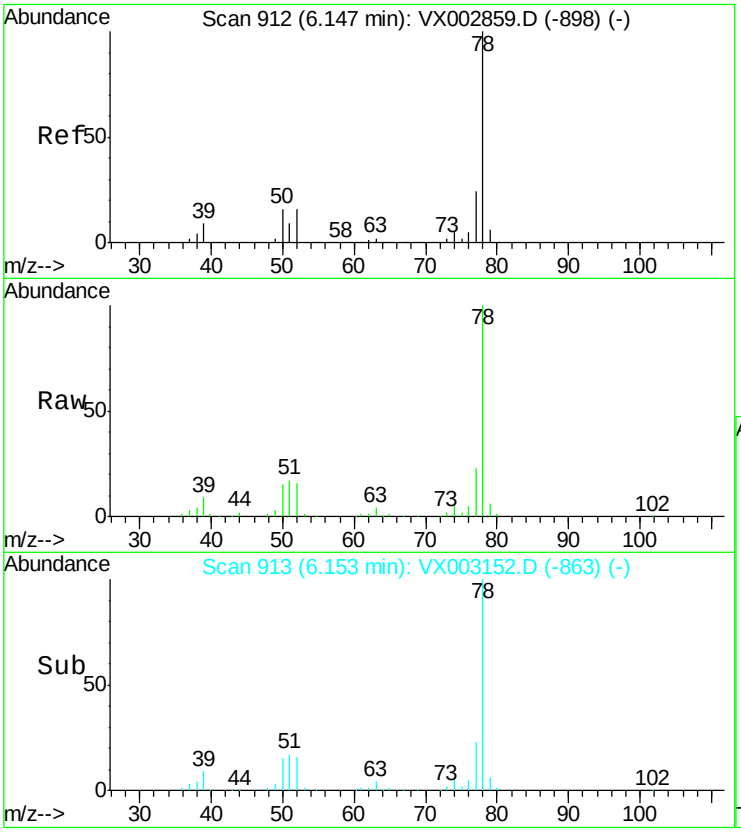


#39
Methylcyclohexane
Concen: 0.652 ug/l
RT: 7.45 min Scan# 1126
Delta R.T. -0.01 min
Lab File: VX003152.D
Acq: 03 Jul 2018 16:46

Tgt Ion: 83 Resp: 3328

Ion	Ratio	Lower	Upper
83	100		
55	119.0	65.4	98.0#
98	30.0	37.4	56.0#



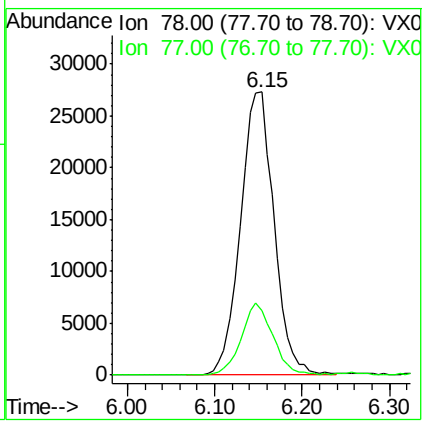


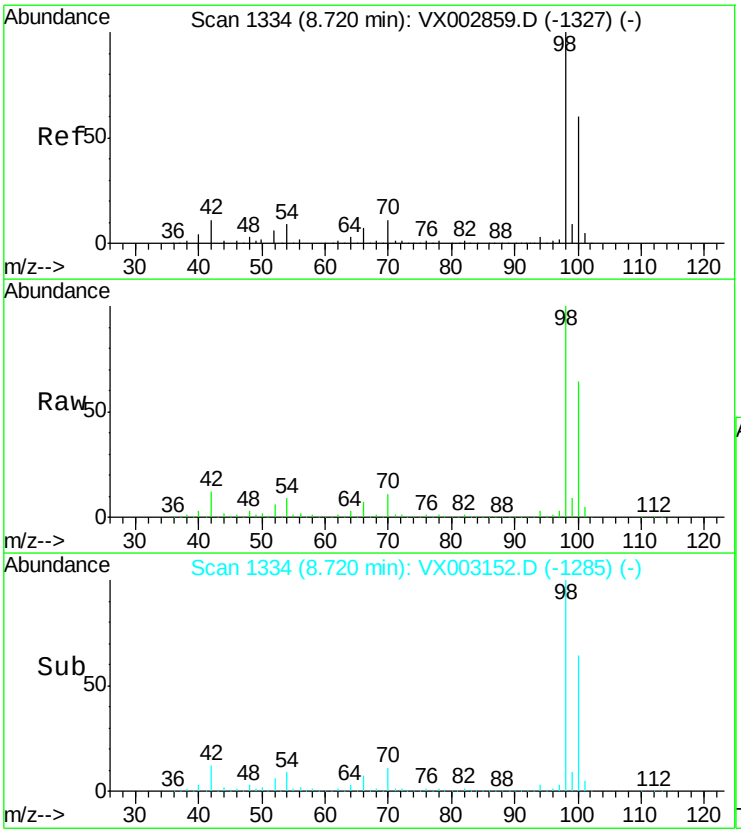
#40
Benzene
Concen: 5.717 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.01 min
Lab File: VX003152.D
Acq: 03 Jul 2018 16:46

Instrument :
MSVOA_X
ClientSampleId :
S10-0143

Tgt Ion: 78 Resp: 72813

Ion	Ratio	Lower	Upper
78	100		
77	22.6	19.1	28.7

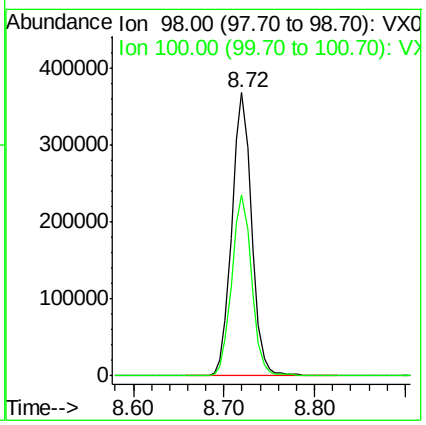


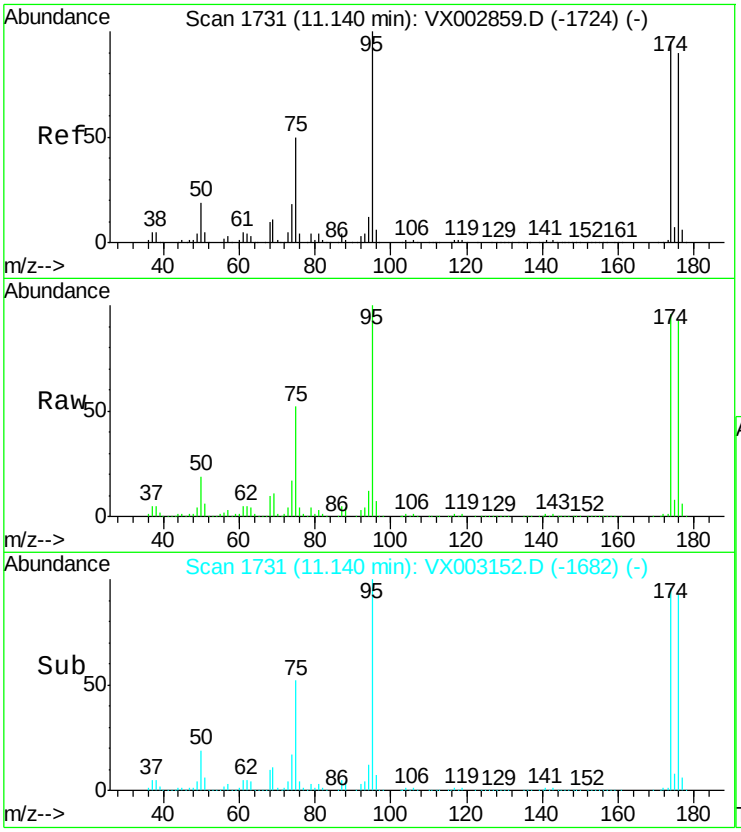


#50
Toluene-d8
Concen: 48.379 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003152.D
Acq: 03 Jul 2018 16:46

Tgt Ion: 98 Resp: 559242

Ion	Ratio	Lower	Upper
98	100		
100	64.5	50.9	76.3



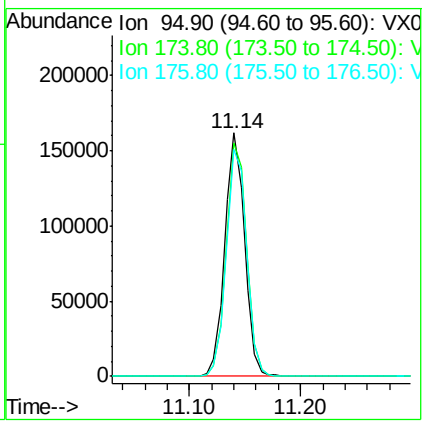


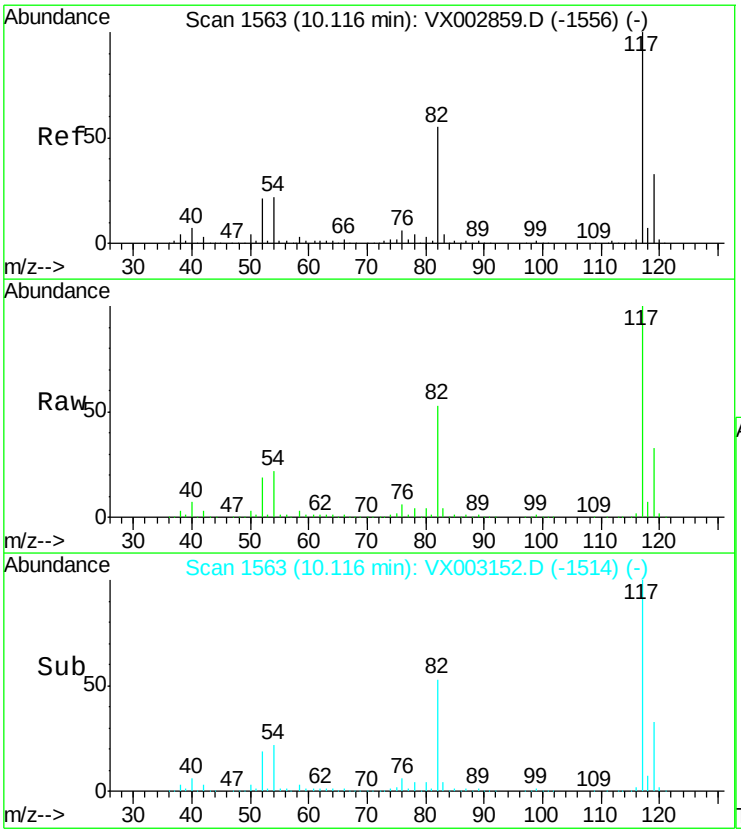
#62
4-Bromofluorobenzene
Concen: 44.759 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003152.D
Acq: 03 Jul 2018 16:46

Instrument :
MSVOA_X
ClientSampleId :
S10-0143

Tgt Ion: 95 Resp: 199538

Ion	Ratio	Lower	Upper
95	100		
174	98.3	0.0	187.4
176	95.9	0.0	181.0

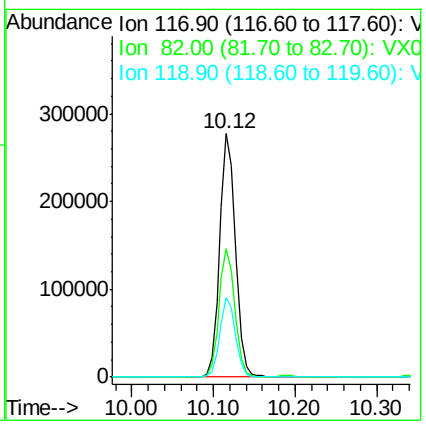


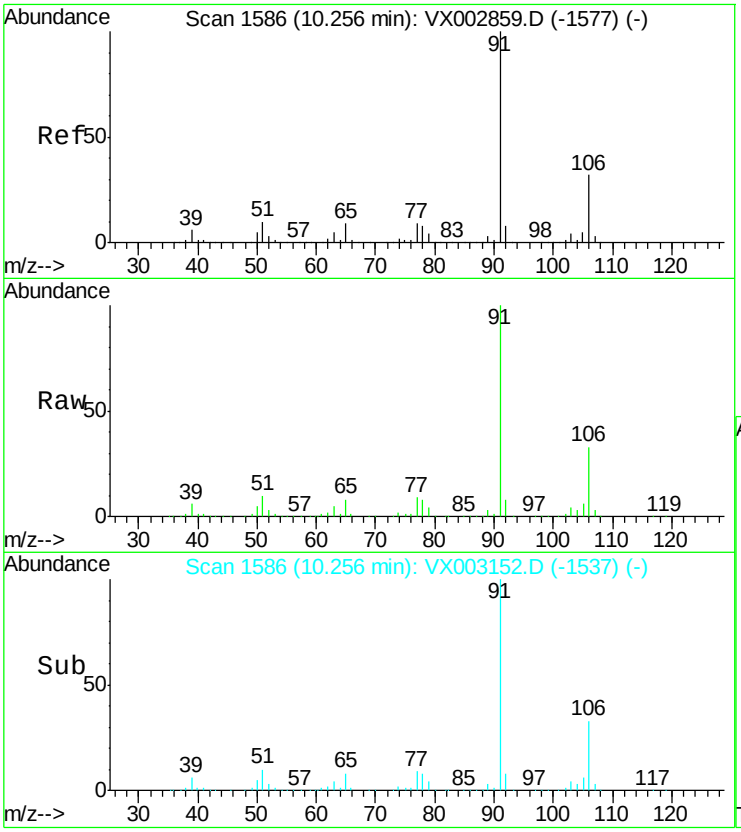


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003152.D
Acq: 03 Jul 2018 16:46

Tgt Ion:117 Resp: 374108

Ion	Ratio	Lower	Upper
117	100		
82	52.8	45.0	67.4
119	32.9	25.8	38.6



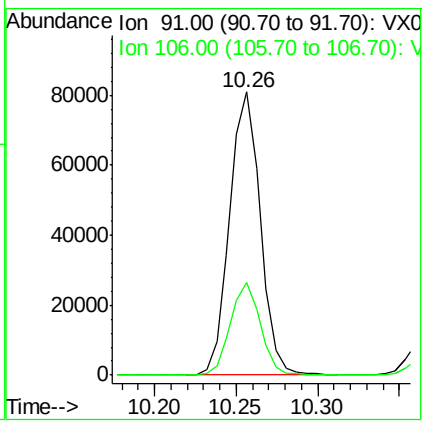


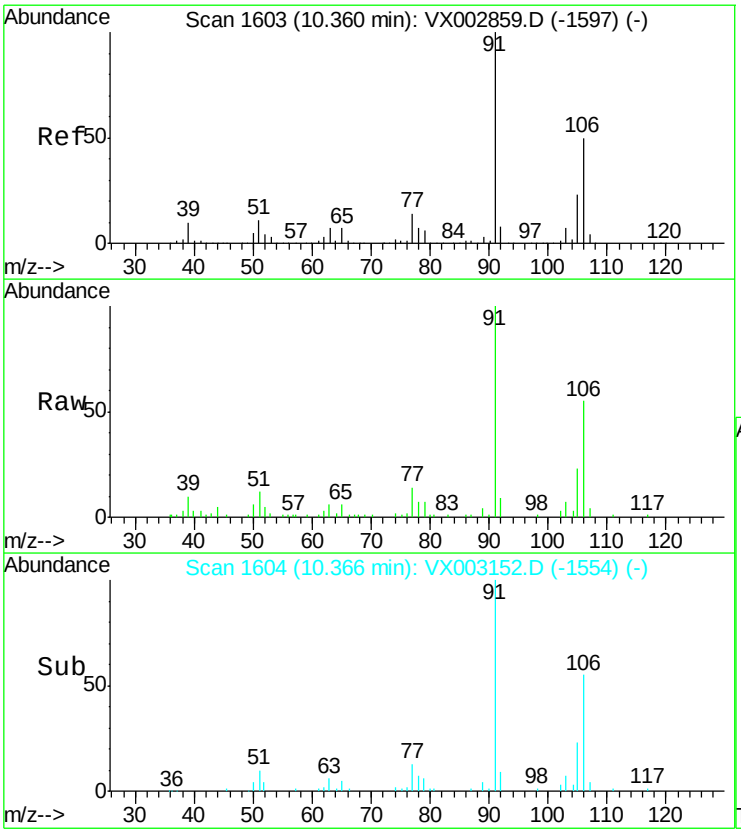
#67
Ethyl Benzene
Concen: 6.777 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003152.D
Acq: 03 Jul 2018 16:46

Instrument :
MSVOA_X
ClientSampleId :
S10-0143

Tgt Ion: 91 Resp: 106379

Ion	Ratio	Lower	Upper
91	100		
106	32.6	25.5	38.3

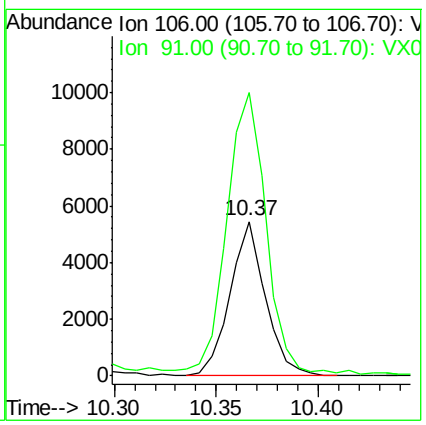


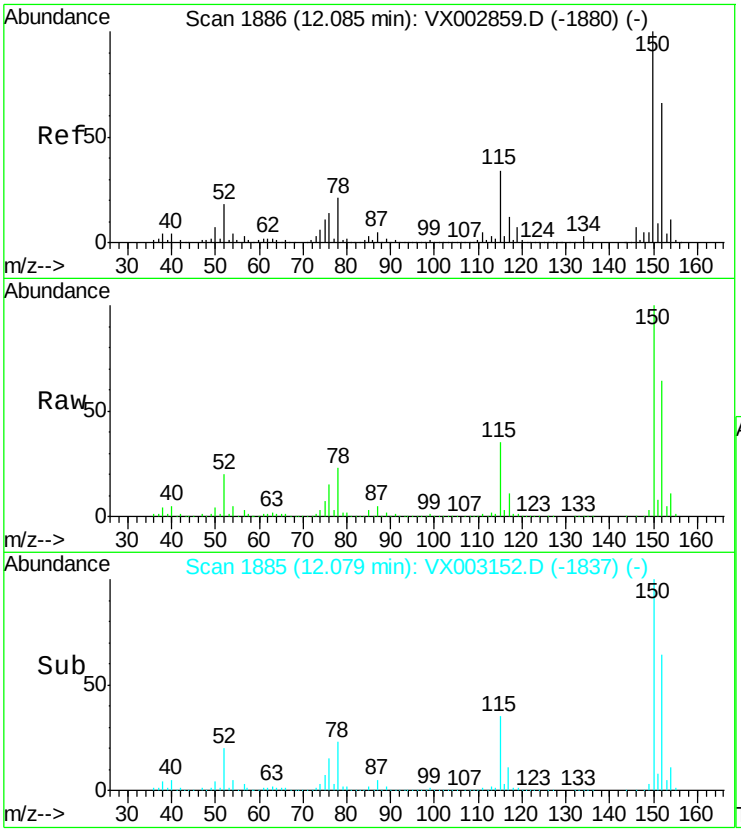


#68
m/p-Xylenes
Concen: 1.080 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.01 min
Lab File: VX003152.D
Acq: 03 Jul 2018 16:46

Tgt Ion:106 Resp: 6535

Ion	Ratio	Lower	Upper
106	100		
91	209.7	163.4	245.2



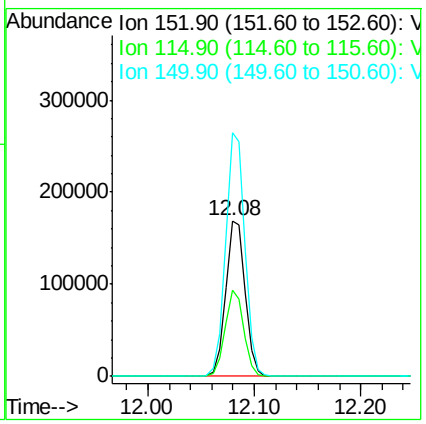


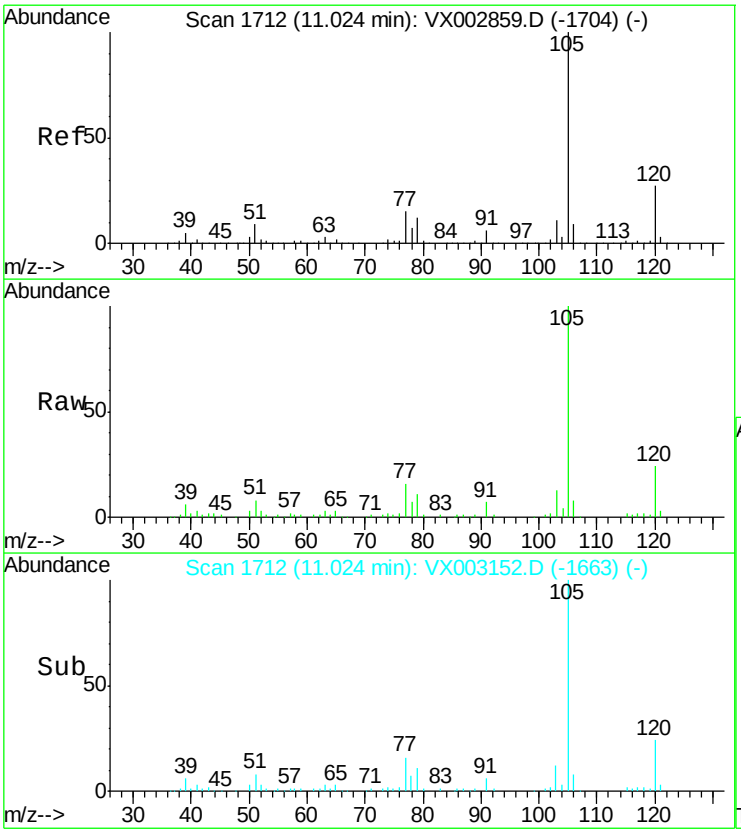
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX003152.D
Acq: 03 Jul 2018 16:46

Instrument : MSVOA_X
ClientSampleId : S10-0143

Tgt Ion:152 Resp: 216084

Ion	Ratio	Lower	Upper
152	100		
115	53.5	40.1	120.2
150	155.2	0.0	347.2

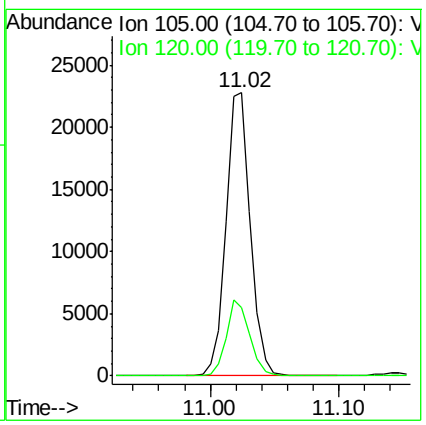


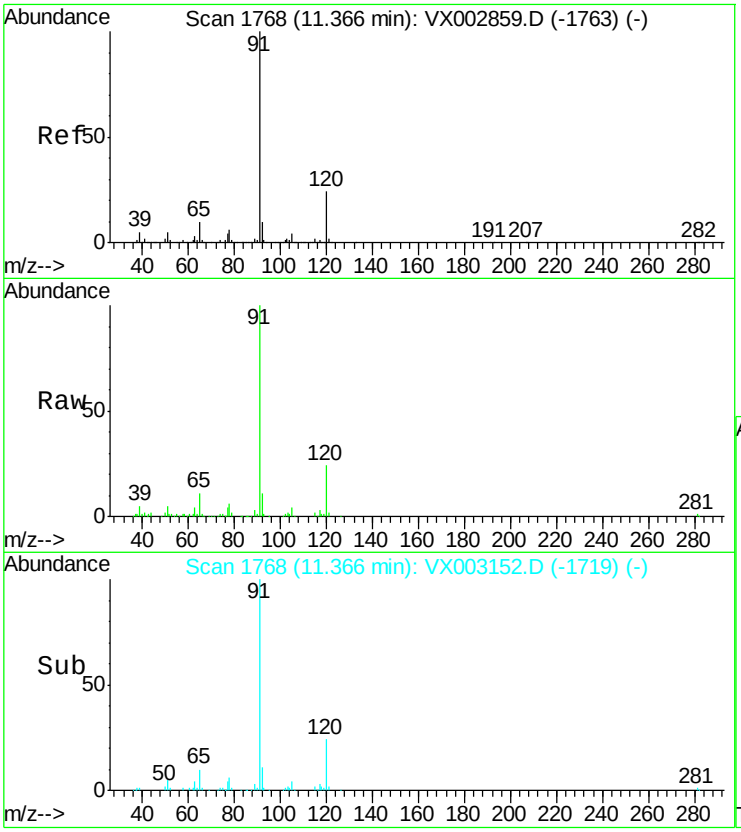


#73
Isopropylbenzene
Concen: 2.084 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. 0.00 min
Lab File: VX003152.D
Acq: 03 Jul 2018 16:46

Tgt Ion:105 Resp: 30301

Ion	Ratio	Lower	Upper
105	100		
120	25.5	13.5	40.4



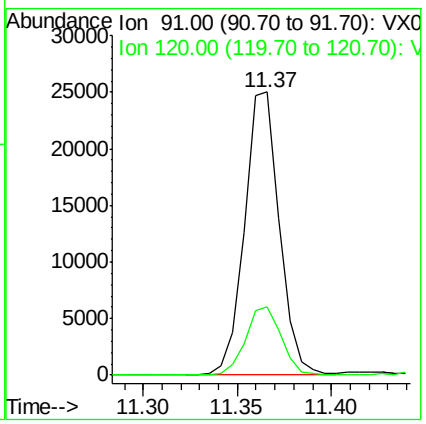


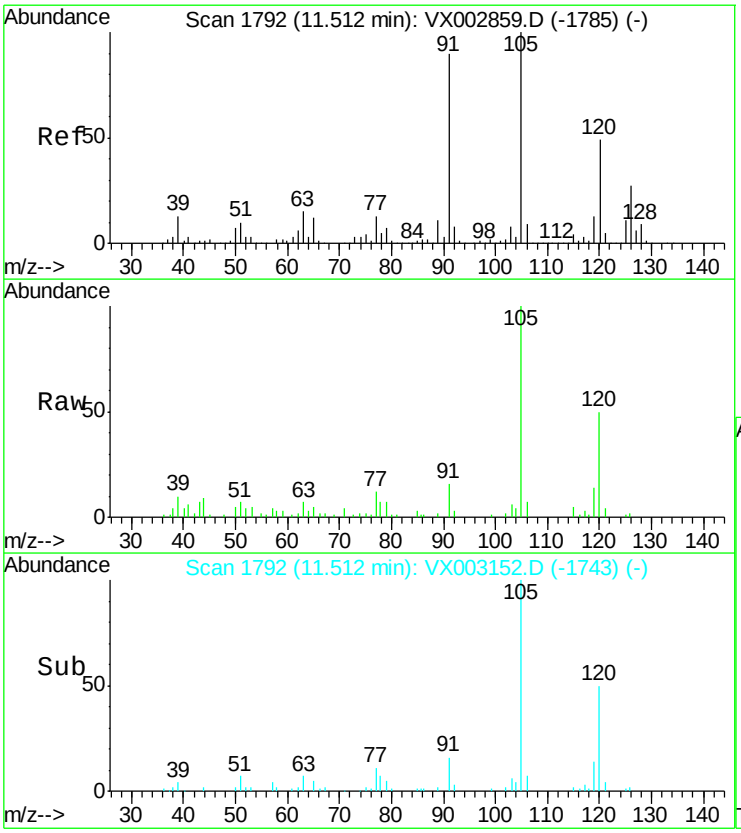
#78
n-propylbenzene
Concen: 1.943 ug/l
RT: 11.37 min Scan# 1768
Delta R.T. 0.00 min
Lab File: VX003152.D
Acq: 03 Jul 2018 16:46

Instrument : MSVOA_X
ClientSampleId : S10-0143

Tgt Ion: 91 Resp: 32145

Ion	Ratio	Lower	Upper
91	100		
120	24.6	11.8	35.4

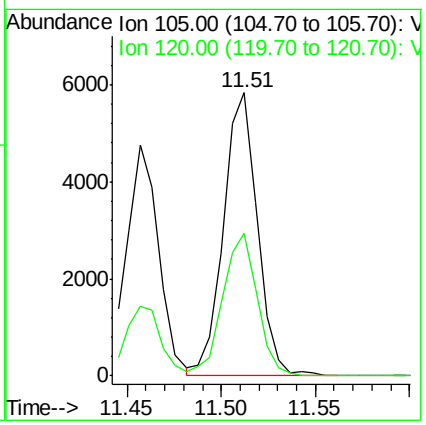


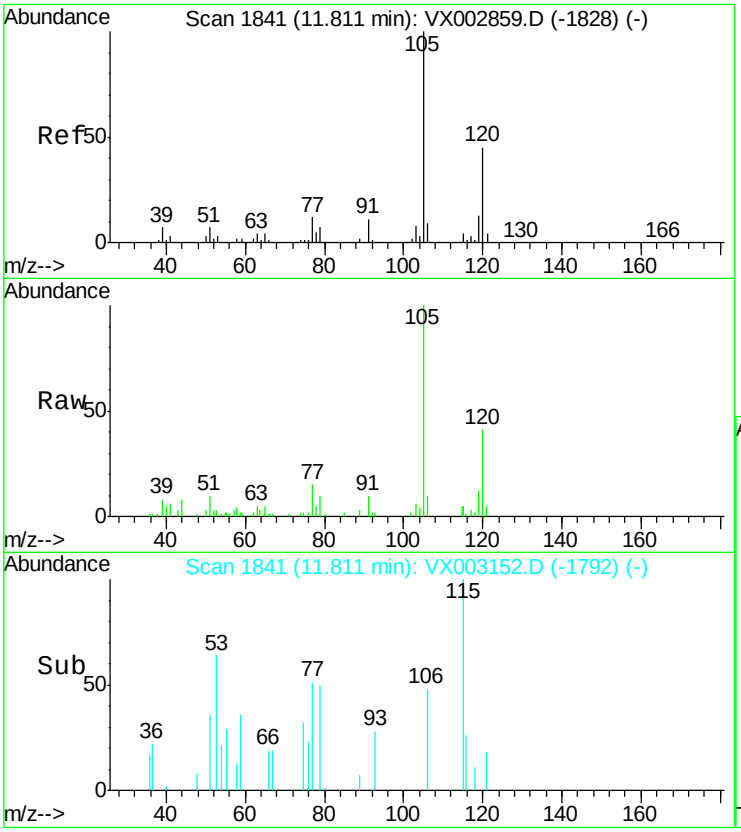


#80
1,3,5-Trimethylbenzene
Concen: 0.594 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX003152.D
Acq: 03 Jul 2018 16:46

Tgt Ion:105 Resp: 7277

Ion	Ratio	Lower	Upper
105	100		
120	51.1	24.4	73.4



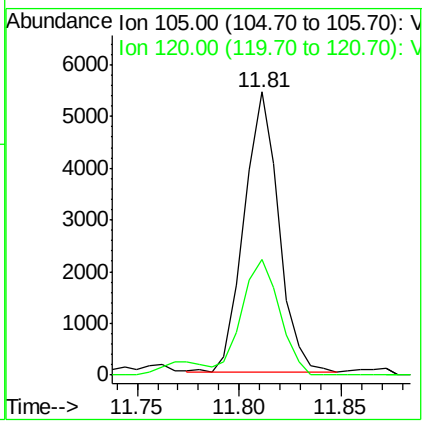


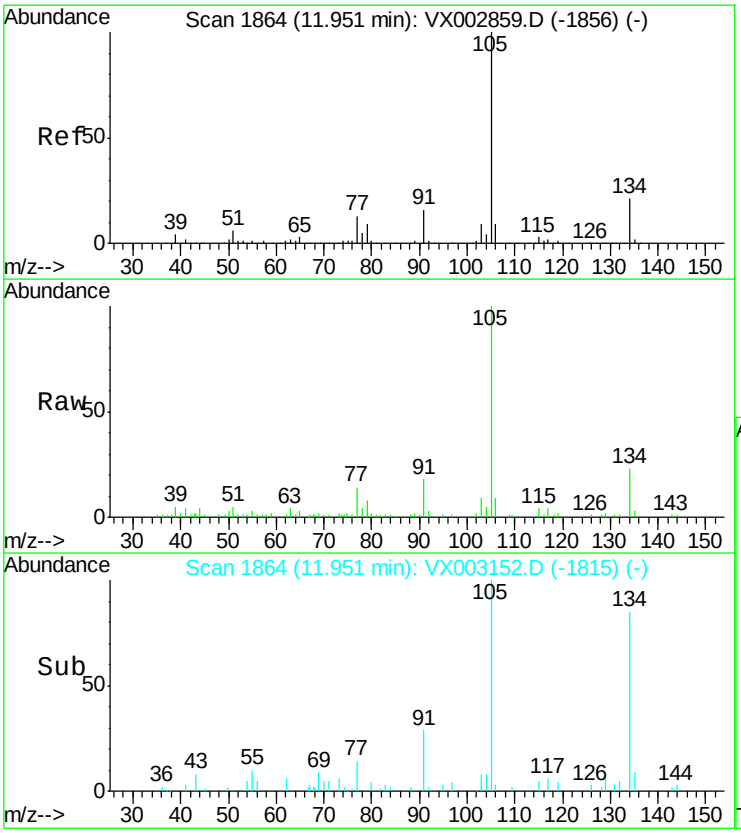
#84
1,2,4-Trimethylbenzene
Concen: 0.503 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX003152.D
Acq: 03 Jul 2018 16:46

Instrument :
MSVOA_X
ClientSampleId :
S10-0143

Tgt Ion:105 Resp: 6376

Ion	Ratio	Lower	Upper
105	100		
120	45.3	22.3	66.8

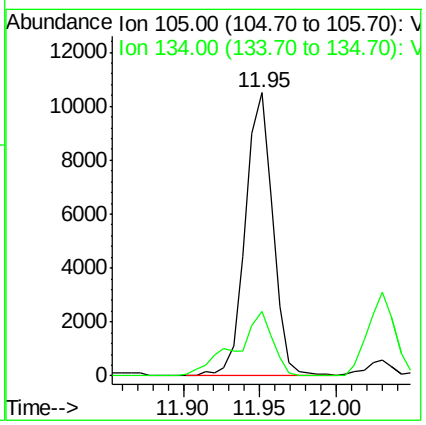


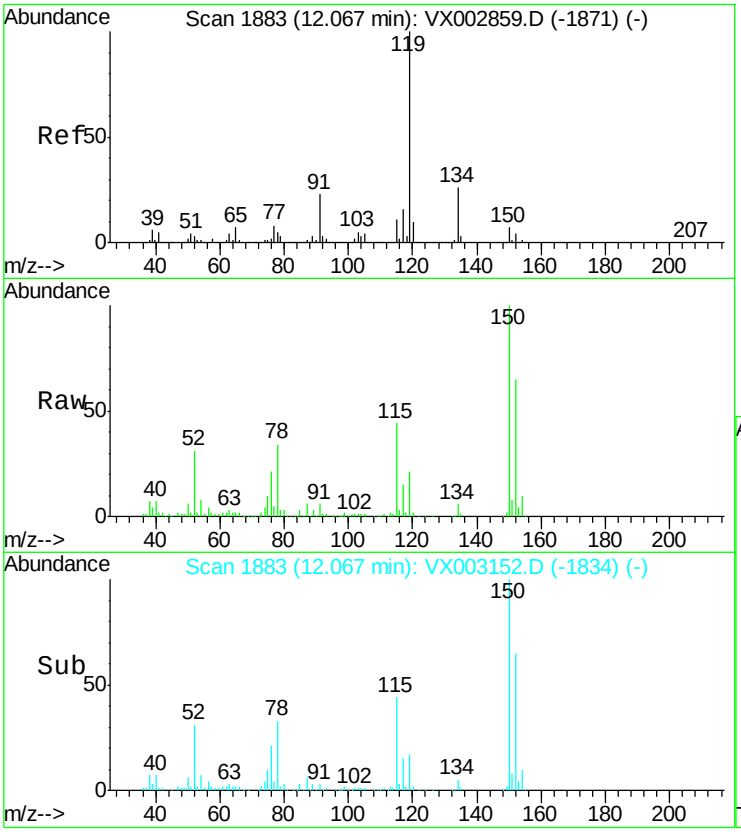


#85
sec-Butylbenzene
Concen: 0.894 ug/l
RT: 11.95 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VX003152.D
Acq: 03 Jul 2018 16:46

Tgt Ion:105 Resp: 13093

Ion	Ratio	Lower	Upper
105	100		
134	30.5	10.4	31.1



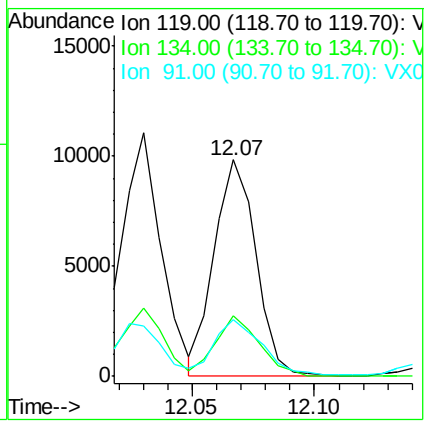


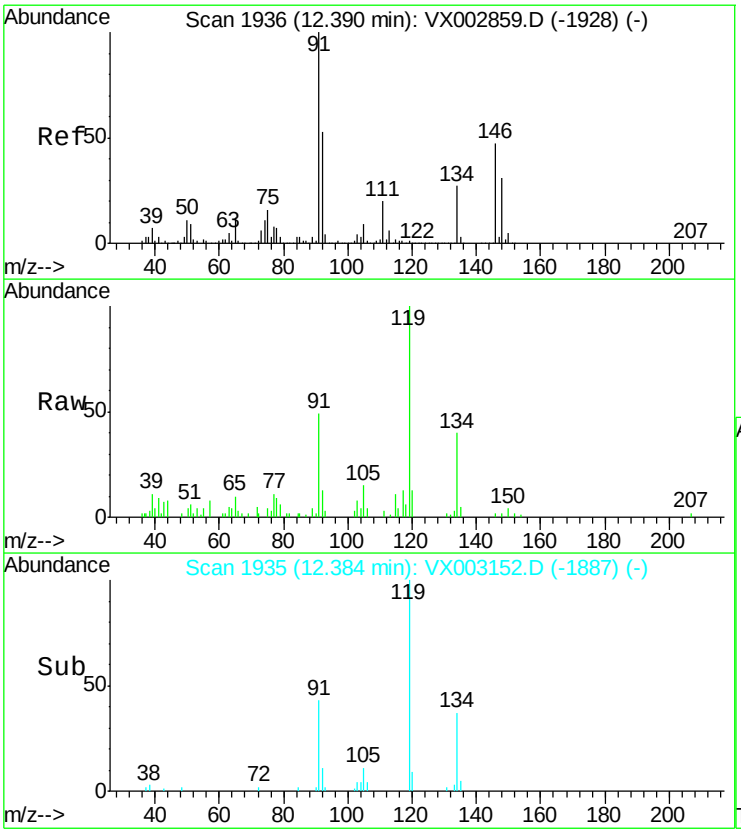
#86
p-Isopropyltoluene
Concen: 0.887 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. 0.00 min
Lab File: VX003152.D
Acq: 03 Jul 2018 16:46

Instrument :
MSVOA_X
ClientSampleId :
S10-0143

Tgt Ion:119 Resp: 11675

Ion	Ratio	Lower	Upper
119	100		
134	29.2	13.4	40.1
91	28.8	11.9	35.7

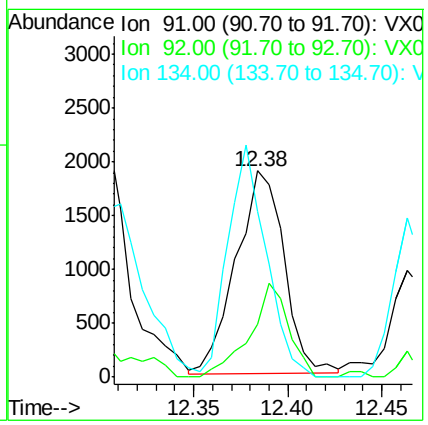


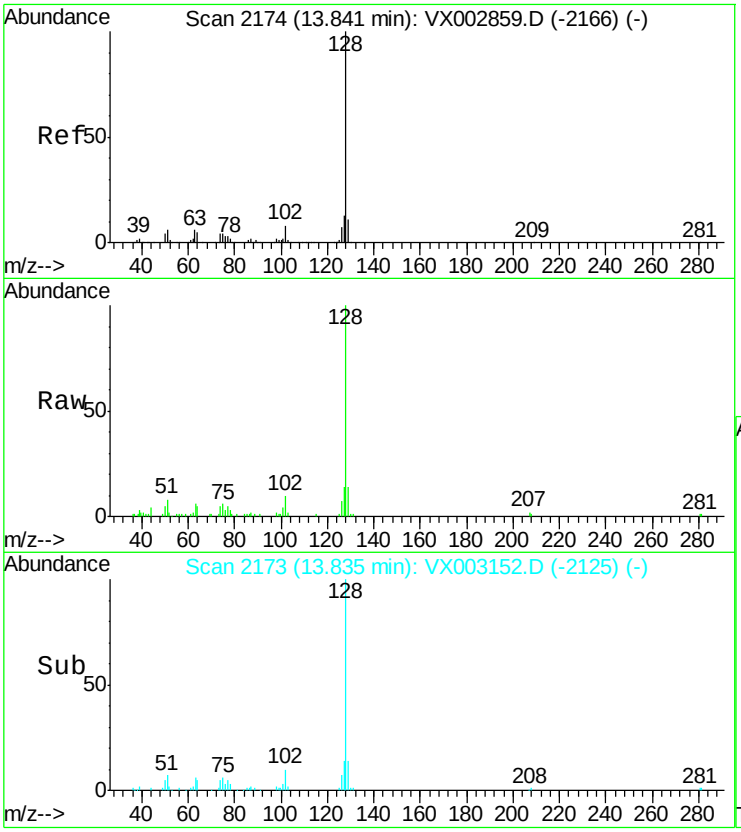


#89
n-Butylbenzene
Concen: 0.293 ug/l
RT: 12.38 min Scan# 1935
Delta R.T. -0.01 min
Lab File: VX003152.D
Acq: 03 Jul 2018 16:46

Tgt Ion: 91 Resp: 3354

Ion	Ratio	Lower	Upper
91	100		
92	36.8	26.0	78.0
134	90.6	13.5	40.5#





#95
Naphthalene
Concen: 0.966 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. -0.01 min
Lab File: VX003152.D
Acq: 03 Jul 2018 16:46

Instrument :
MSVOA_X
ClientSampleId :
S10-0143

Tgt Ion:128 Resp: 14288

Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.4	15.6
129	13.1	8.6	13.0#