Quantitation Report (QT Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX033118\
Data File : VX000628.D
Acq On : 01 Apr 2018 07:01
Operator : JC/MD
Sample : J2132-03DL 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 49 Sample Multiplier: 1

Quant Time: Apr 02 08:08:55 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 21 04:52:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	140477	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	233670	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	232654	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	146480	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	92176	50.27	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.54%			
35) Dibromofluoromethane	5.51	113	70747	48.05	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.10%			
50) Toluene-d8	8.73	98	303458	49.77	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.54%			
62) 4-Bromofluorobenzene	11.15	95	120703	47.23	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.46%			
Target Compounds						Qvalue
16) Acetone	2.45	43	7363	4.83	ug/l	92
25) 2-Butanone	4.72	43	3596	2.10	ug/l	98
31) Cyclohexane	5.59	56	95939	41.47	ug/l	96
39) Methylcyclohexane	7.47	83	54227	20.37	ug/l	98
52) Toluene	8.79	92	17052	3.84	ug/l	94
67) Ethyl Benzene	10.26	91	936910	106.75	ug/l	98
68) m/p-Xylenes	10.37	106	265390	76.84	ug/l	95
69) o-Xylene	10.71	106	84492	25.27	ug/l	98
73) Isopropylbenzene	11.02	105	55228	5.69	ug/l	98
78) n-propylbenzene	11.37	91	141919	12.26	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	99329	12.17	ug/l	100
84) 1,2,4-Trimethylbenzene	11.82	105	483206	56.48	ug/l	99
85) sec-Butylbenzene	11.95	105	9876m	0.97	ug/l	
95) Naphthalene	13.84	128	405568	33.89	ug/l	100

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

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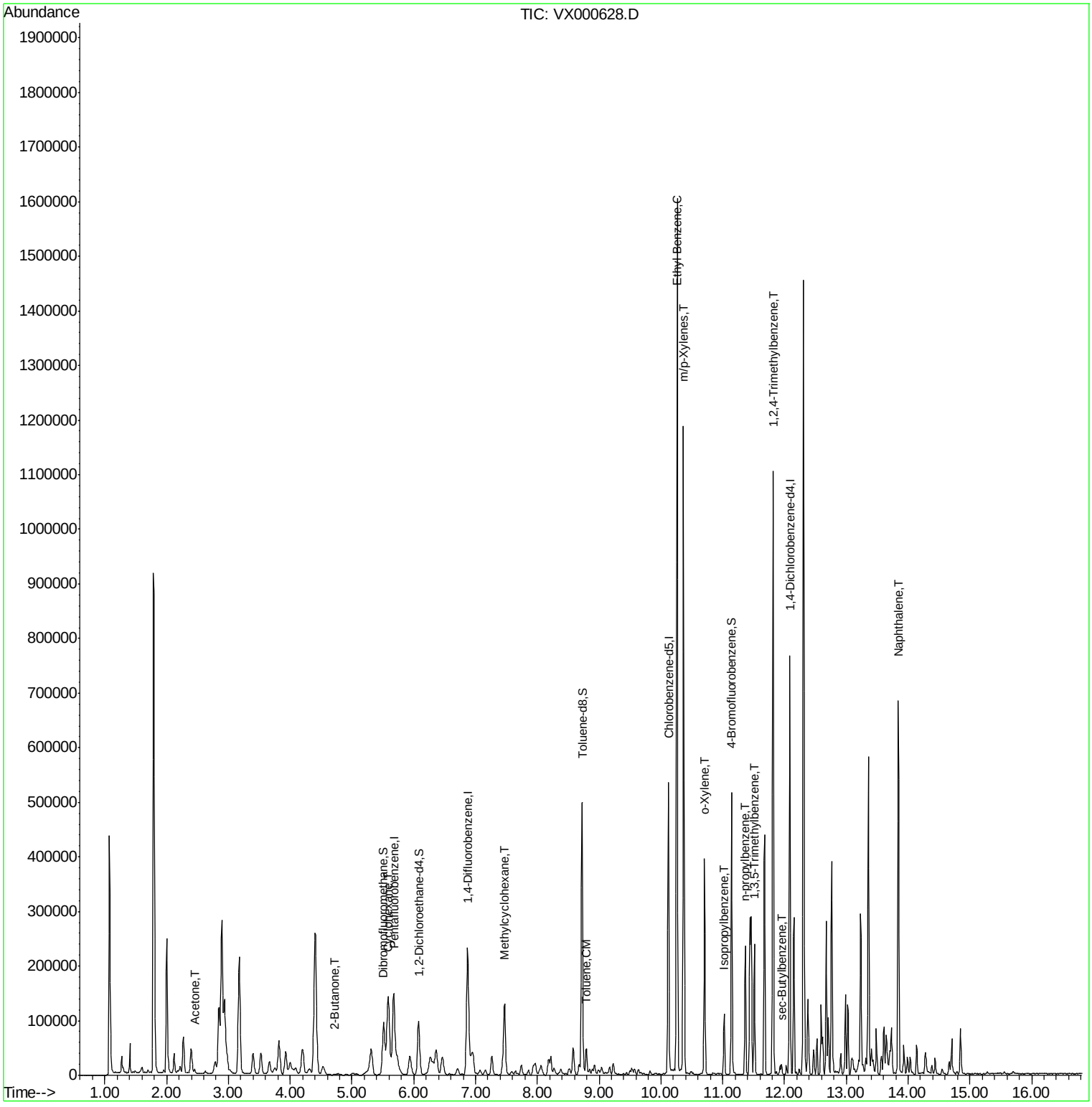
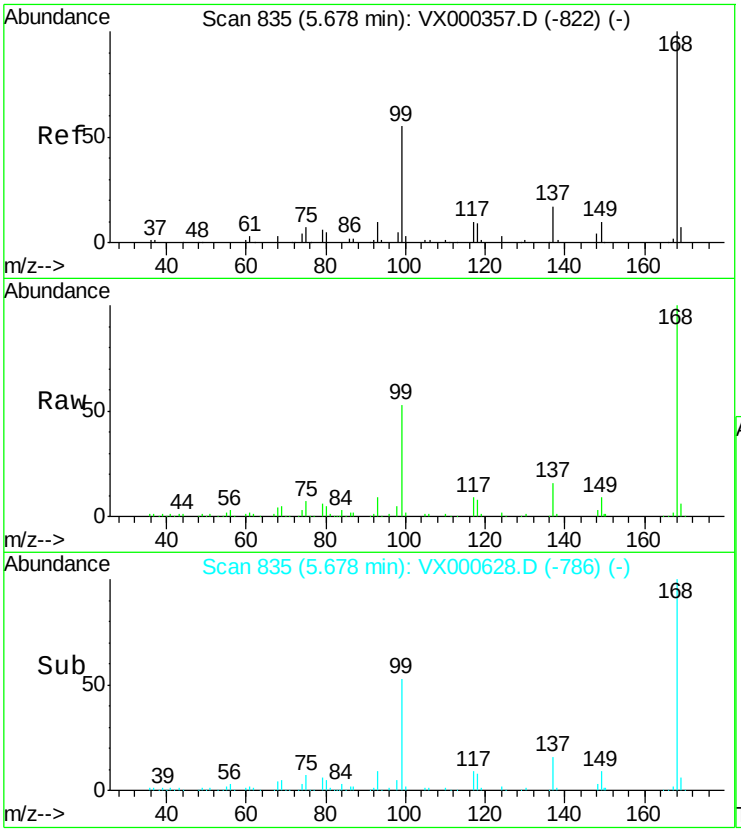
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 21 04:52:42 2018
Response via : Initial Calibration

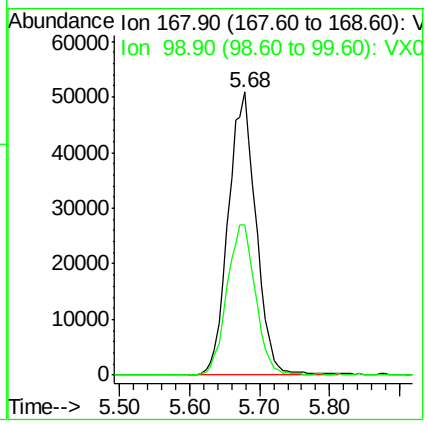


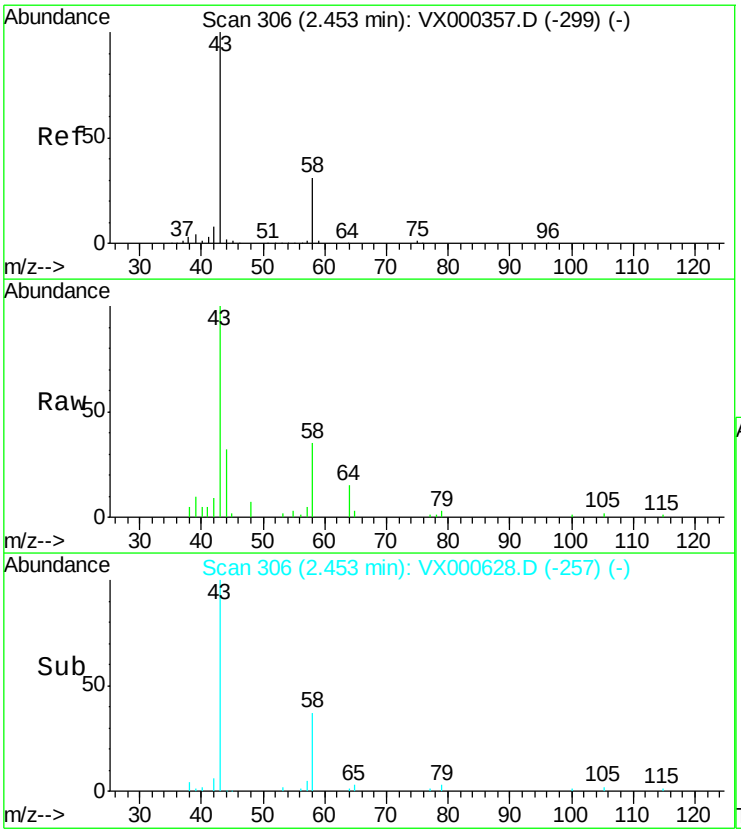


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.68 min Scan# 835
Delta R.T. 0.00 min
Lab File: VX000628.D
Acq: 01 Apr 2018 07:01

Tgt Ion:168 Resp: 140477

Ion	Ratio	Lower	Upper
168	100		
99	53.3	45.8	68.6

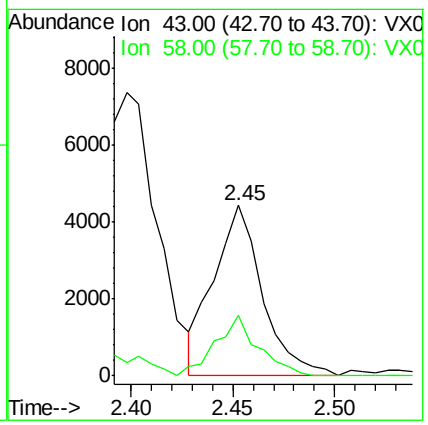


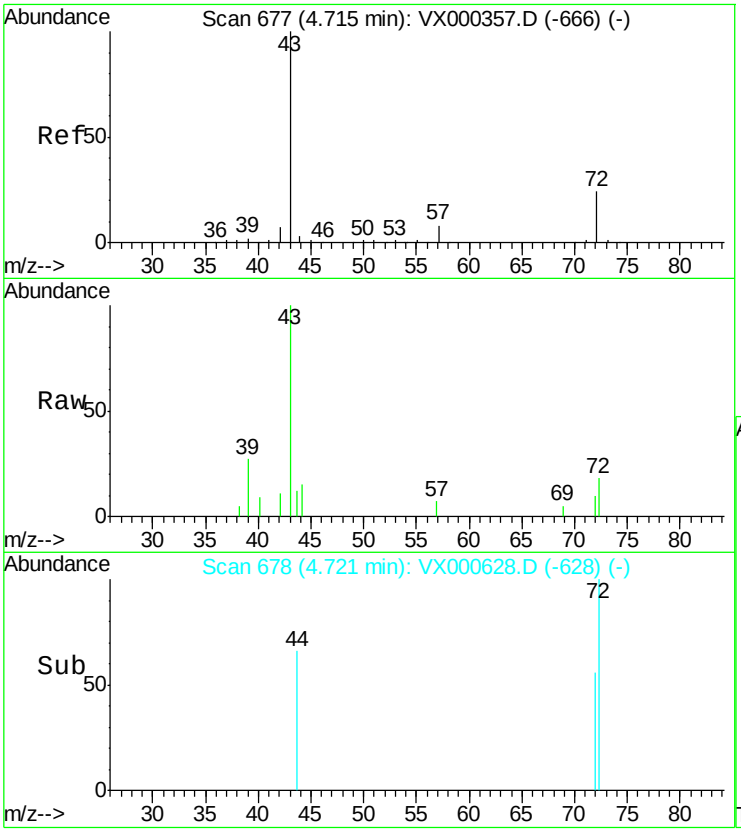


#16
Acetone
Concen: 4.83 ug/l
RT: 2.45 min Scan# 306
Delta R.T. 0.00 min
Lab File: VX000628.D
Acq: 01 Apr 2018 07:01

Tgt Ion: 43 Resp: 7363

Ion	Ratio	Lower	Upper
43	100		
58	35.5	24.7	37.1

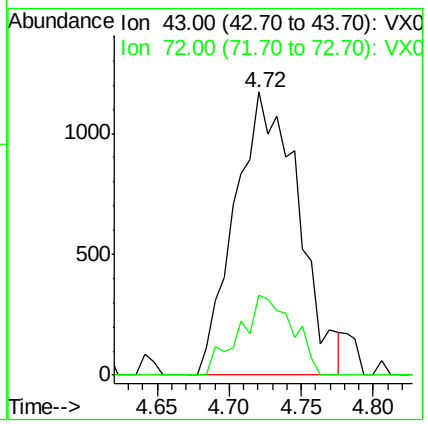


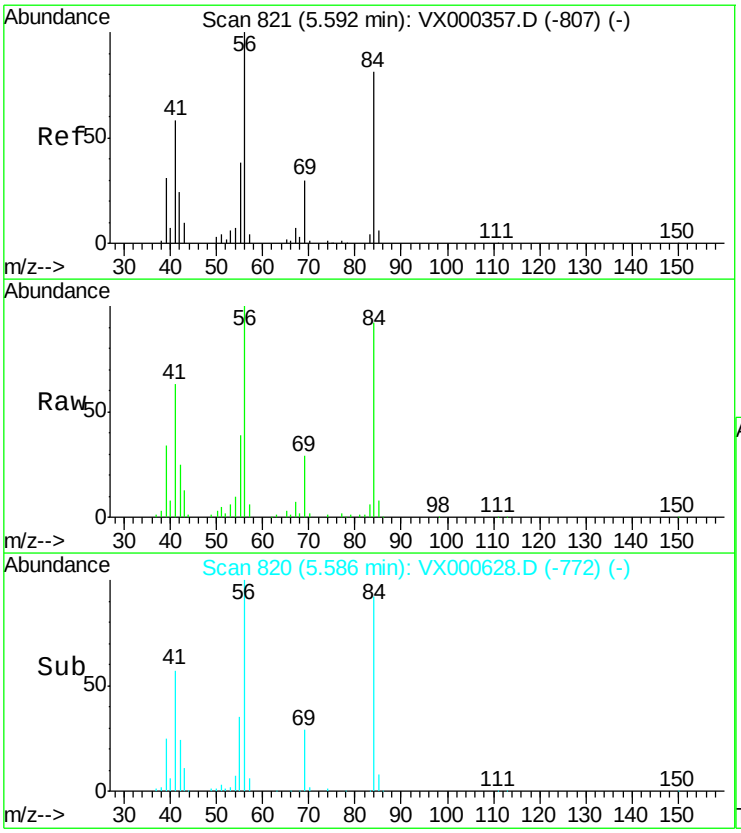


#25
2-Butanone
Concen: 2.10 ug/l
RT: 4.72 min Scan# 678
Delta R.T. 0.01 min
Lab File: VX000628.D
Acq: 01 Apr 2018 07:01

Tgt Ion: 43 Resp: 3596

Ion	Ratio	Lower	Upper
43	100		
72	25.3	21.0	31.6

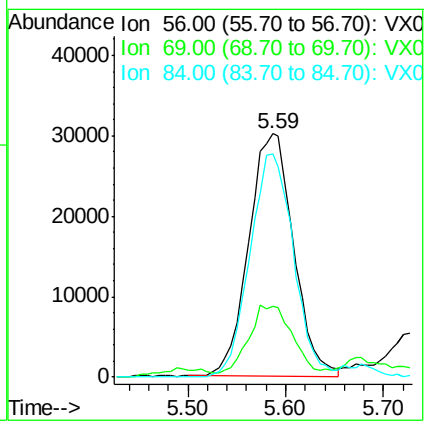


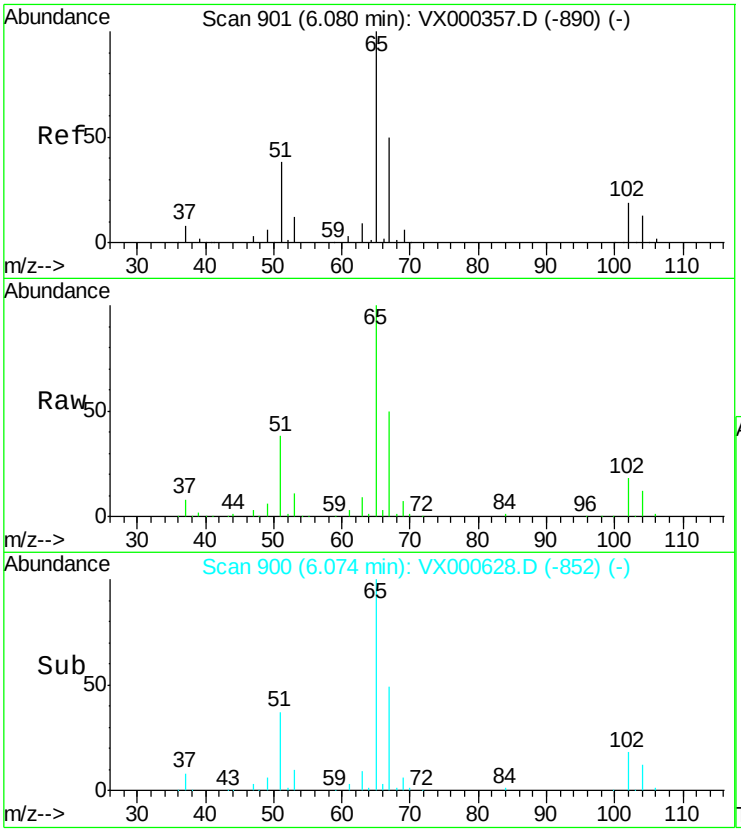


#31
Cyclohexane
Concen: 41.47 ug/l
RT: 5.59 min Scan# 820
Delta R.T. -0.01 min
Lab File: VX000628.D
Acq: 01 Apr 2018 07:01

Tgt Ion: 56 Resp: 95939

Ion	Ratio	Lower	Upper
56	100		
69	26.5	23.4	35.0
84	92.1	71.0	106.4

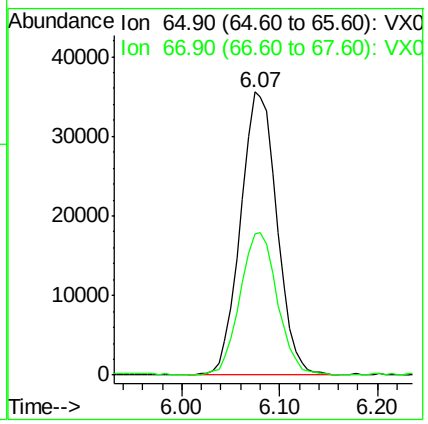


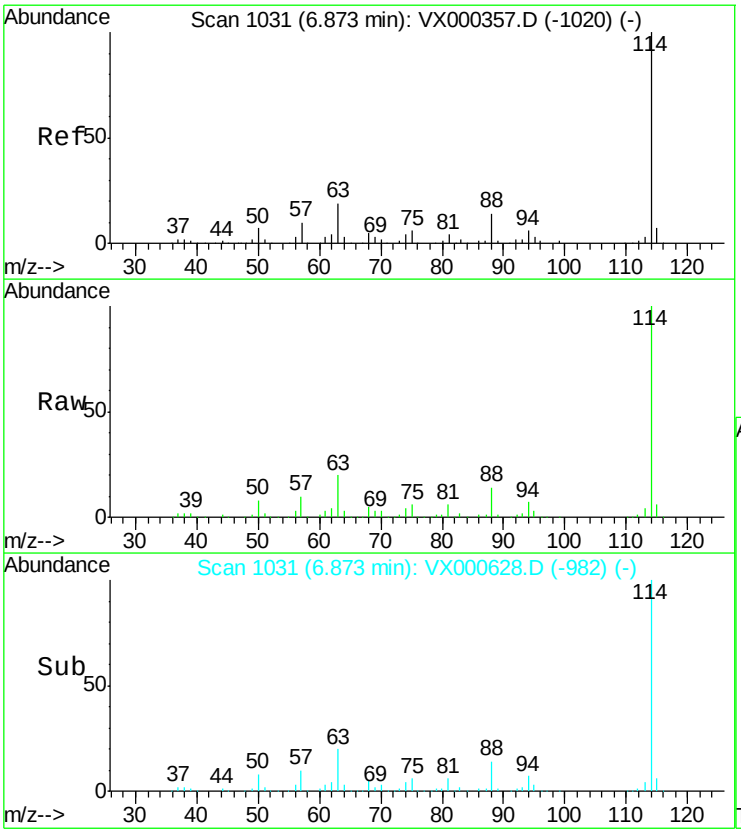


#33
1,2-Dichloroethane-d4
Concen: 50.27 ug/l
RT: 6.07 min Scan# 900
Delta R.T. -0.01 min
Lab File: VX000628.D
Acq: 01 Apr 2018 07:01

Tgt Ion: 65 Resp: 92176

Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	103.2

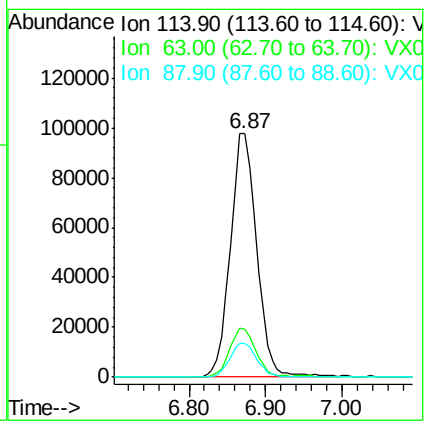


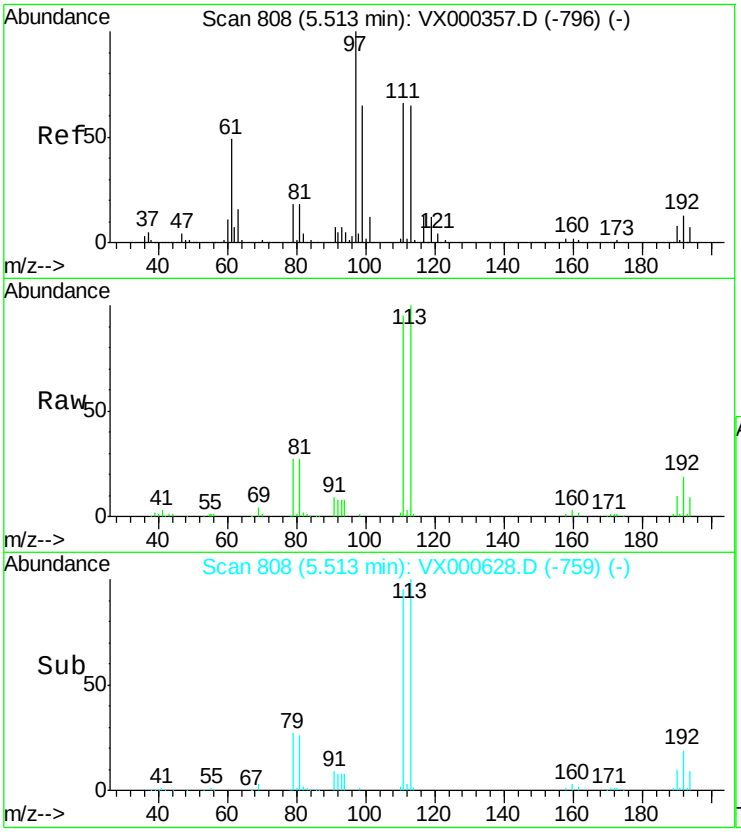


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VX000628.D
Acq: 01 Apr 2018 07:01

Tgt Ion:114 Resp: 233670

Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	38.4
88	14.1	0.0	27.0

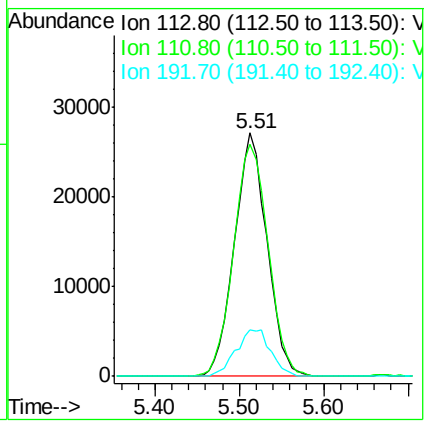


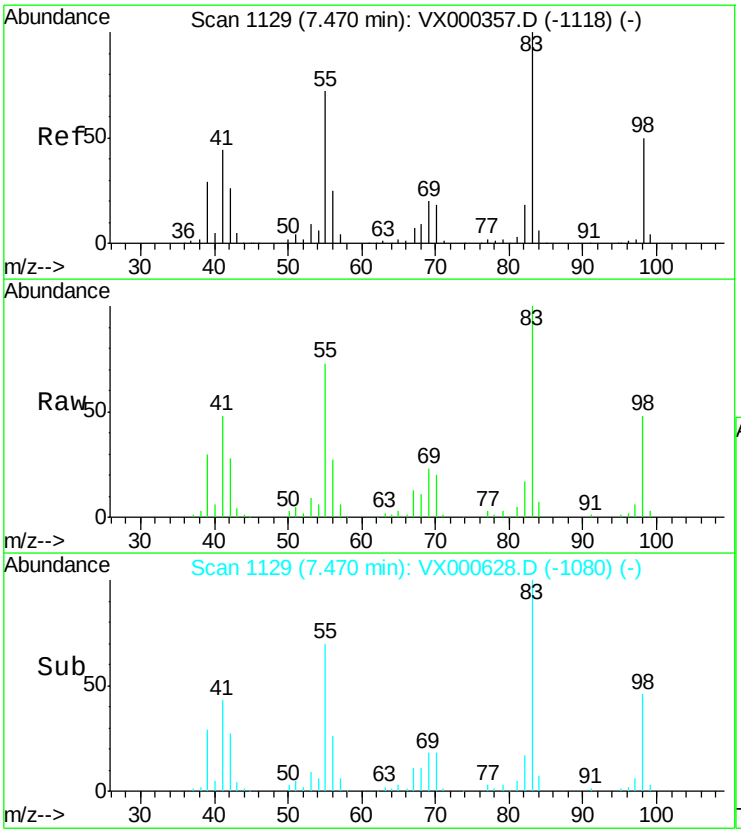


#35
Dibromofluoromethane
Concen: 48.05 ug/l
RT: 5.51 min Scan# 808
Delta R.T. 0.00 min
Lab File: VX000628.D
Acq: 01 Apr 2018 07:01

Tgt Ion:113 Resp: 70747

Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.4	123.6
192	20.4	15.8	23.6

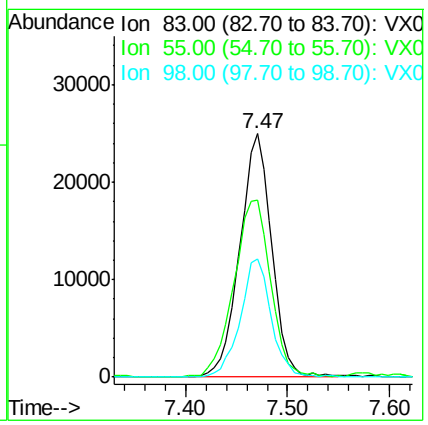


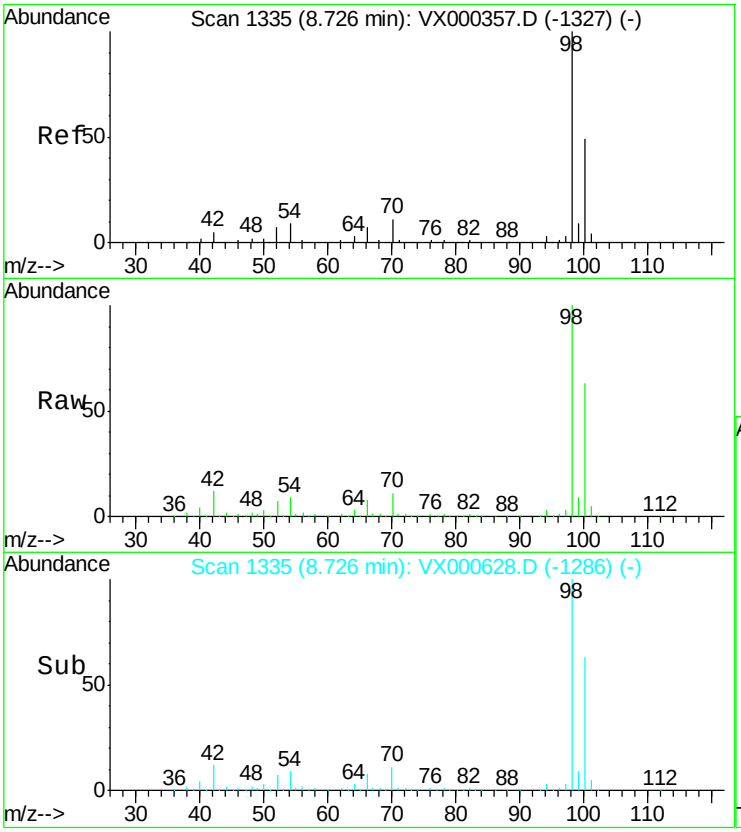


#39
Methylcyclohexane
Concen: 20.37 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX000628.D
Acq: 01 Apr 2018 07:01

Tgt Ion: 83 Resp: 54227

Ion	Ratio	Lower	Upper
83	100		
55	72.1	55.5	83.3
98	48.4	38.2	57.4

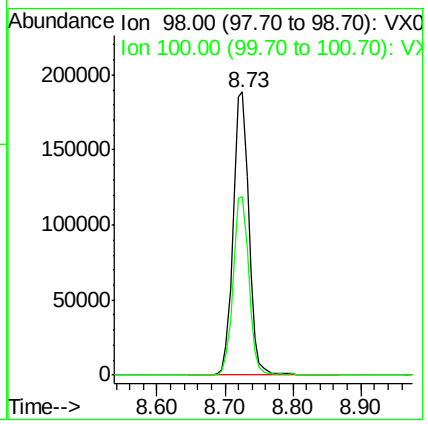


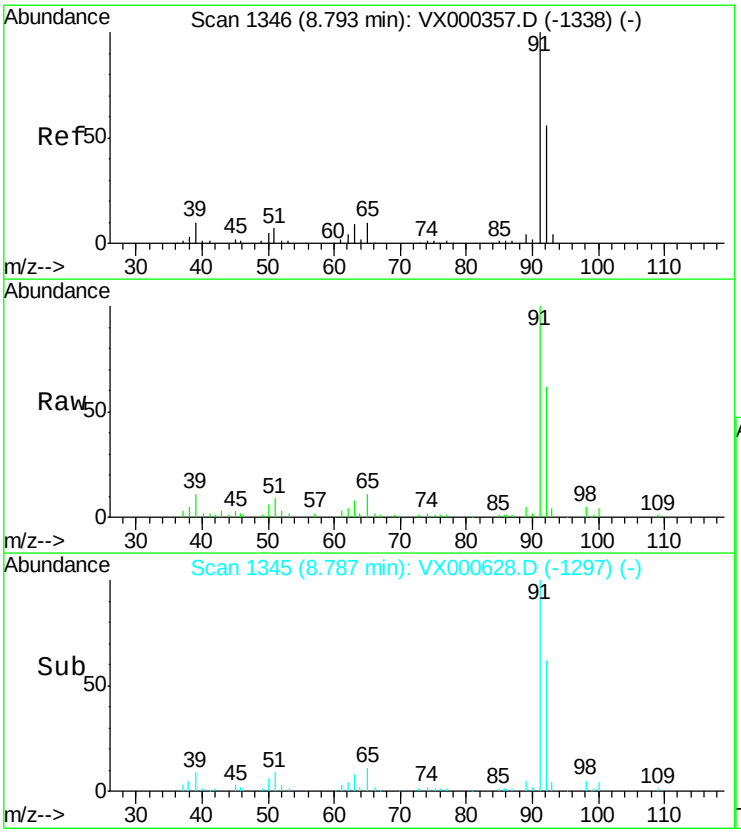


#50
Toluene-d8
Concen: 49.77 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000628.D
Acq: 01 Apr 2018 07:01

Tgt Ion: 98 Resp: 303458

Ion	Ratio	Lower	Upper
98	100		
100	63.1	51.2	76.8

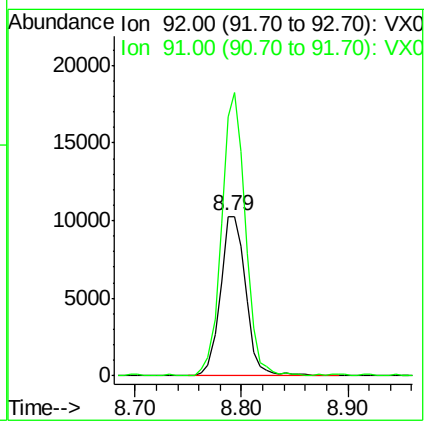


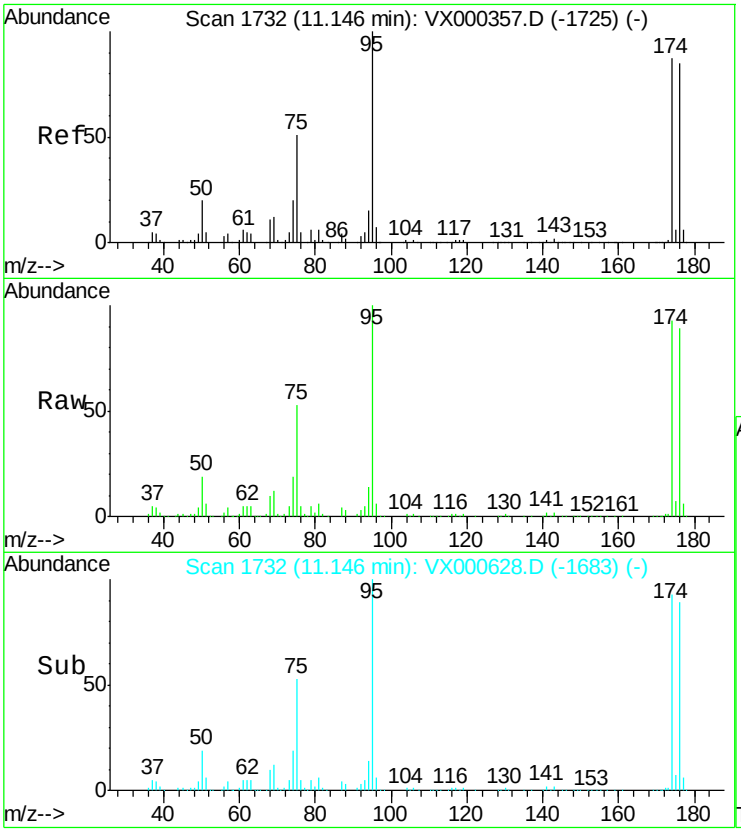


#52
Toluene
Concen: 3.84 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.01 min
Lab File: VX000628.D
Acq: 01 Apr 2018 07:01

Tgt Ion: 92 Resp: 17052

Ion	Ratio	Lower	Upper
92	100		
91	167.0	140.2	210.2

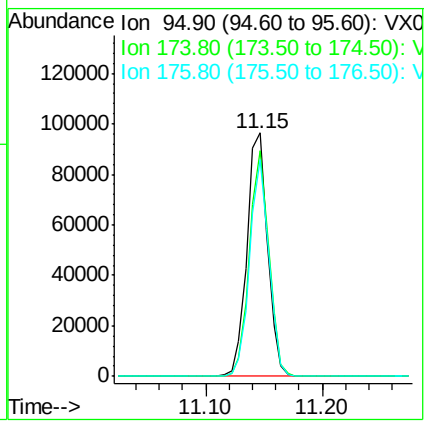


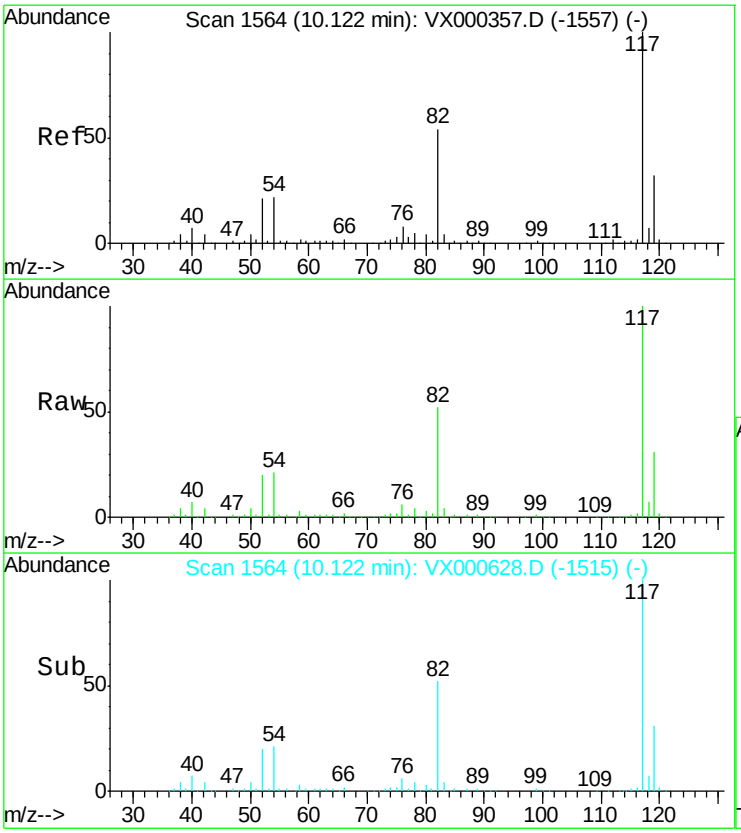


#62
4-Bromofluorobenzene
Concen: 47.23 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VX000628.D
Acq: 01 Apr 2018 07:01

Tgt Ion: 95 Resp: 120703

Ion	Ratio	Lower	Upper
95	100		
174	87.3	0.0	173.6
176	82.9	0.0	164.6

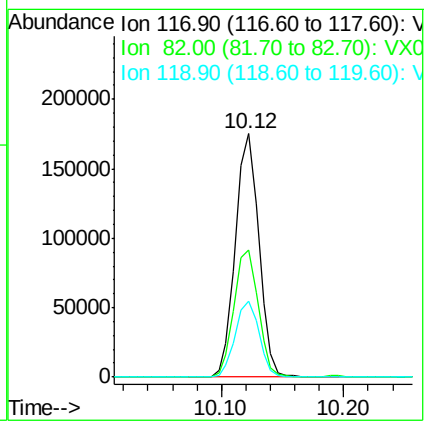


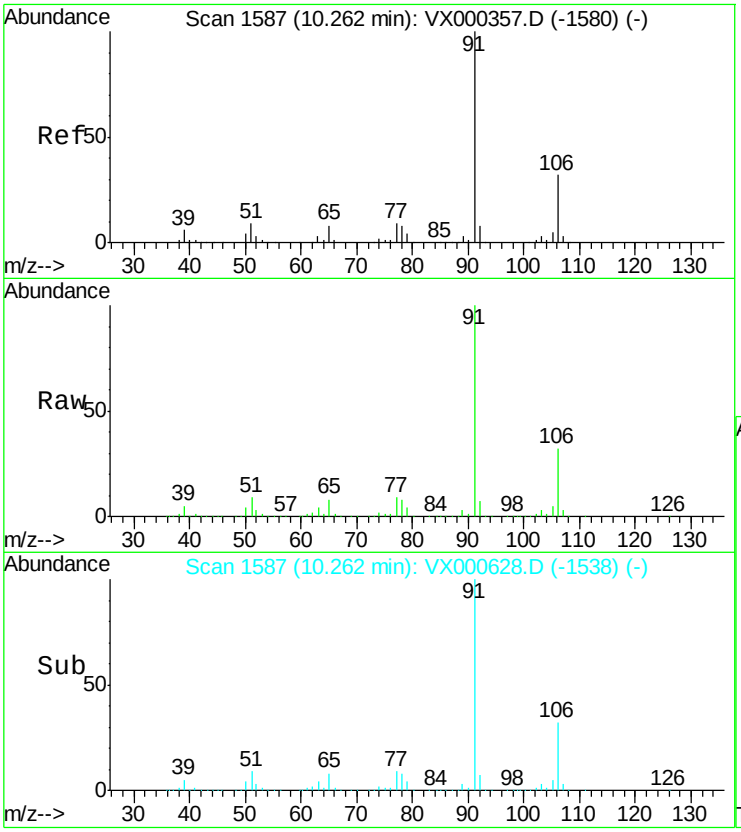


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000628.D
Acq: 01 Apr 2018 07:01

Tgt Ion:117 Resp: 232654

Ion	Ratio	Lower	Upper
117	100		
82	51.9	43.8	65.8
119	31.3	24.9	37.3

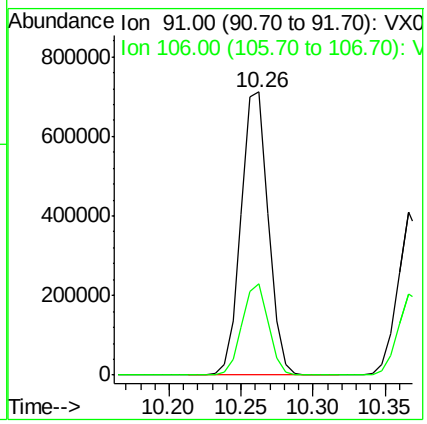


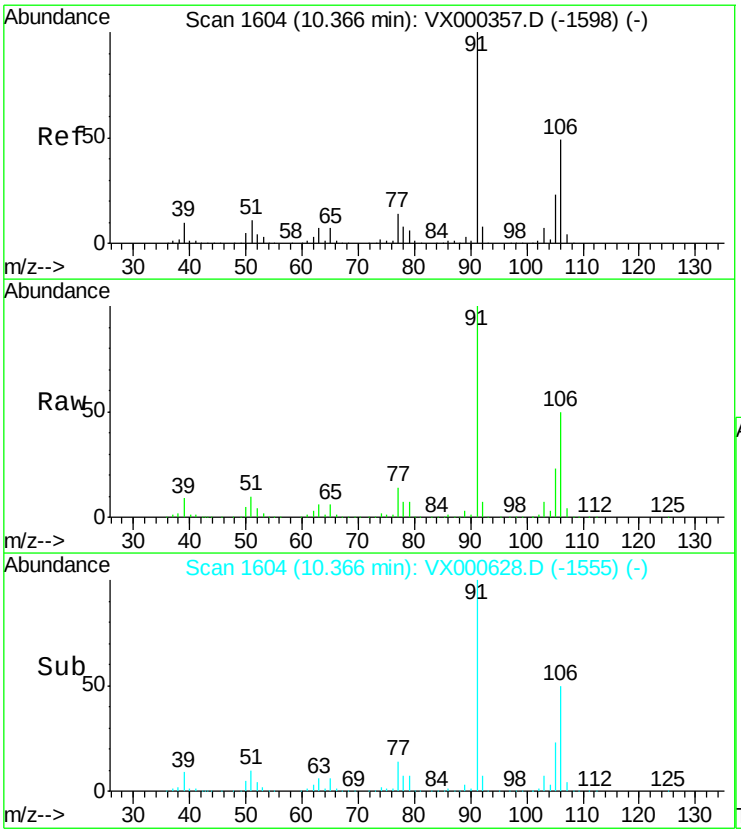


#67
Ethyl Benzene
Concen: 106.75 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. 0.00 min
Lab File: VX000628.D
Acq: 01 Apr 2018 07:01

Tgt Ion: 91 Resp: 936910

Ion	Ratio	Lower	Upper
91	100		
106	32.2	25.0	37.6

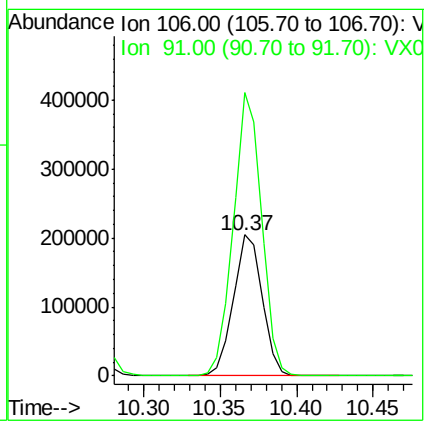


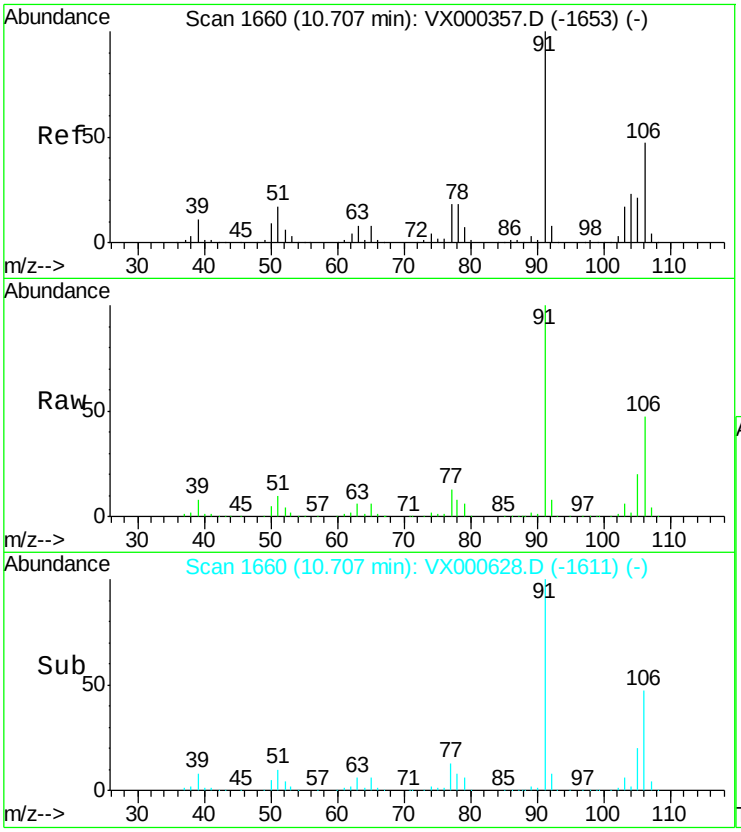


#68
m/p-Xylenes
Concen: 76.84 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX000628.D
Acq: 01 Apr 2018 07:01

Tgt Ion:106 Resp: 265390

Ion	Ratio	Lower	Upper
106	100		
91	197.4	163.4	245.2

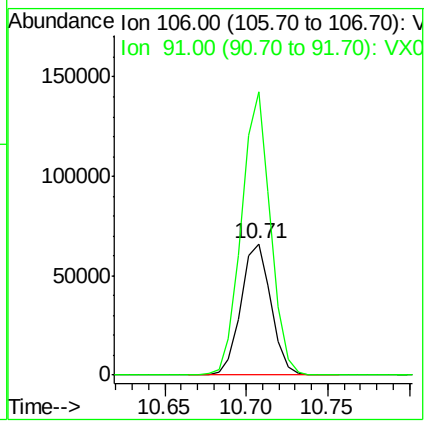


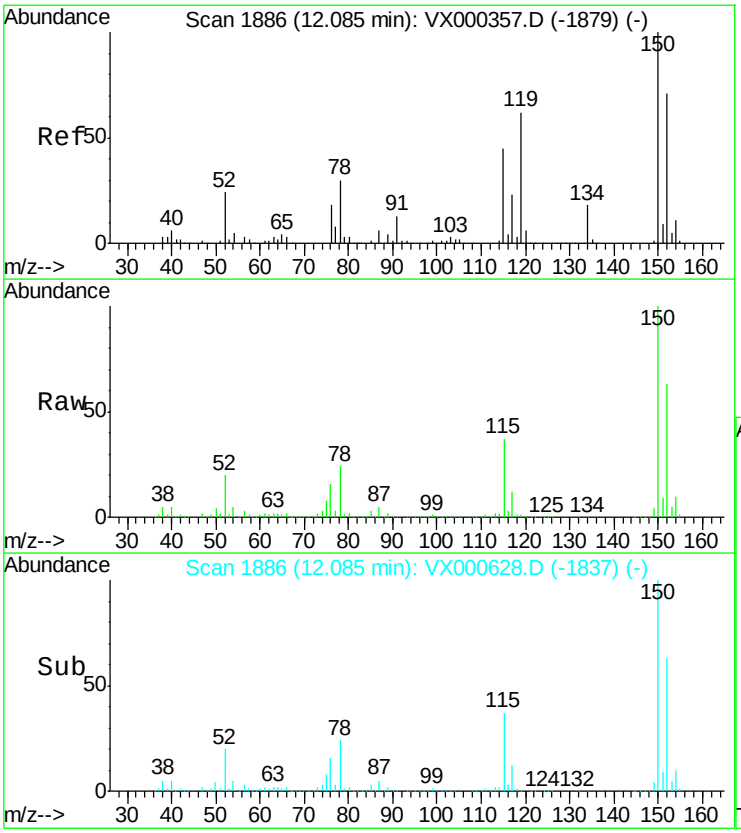


#69
o-Xylene
Concen: 25.27 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000628.D
Acq: 01 Apr 2018 07:01

Tgt Ion:106 Resp: 84492

Ion	Ratio	Lower	Upper
106	100		
91	209.3	106.5	319.6

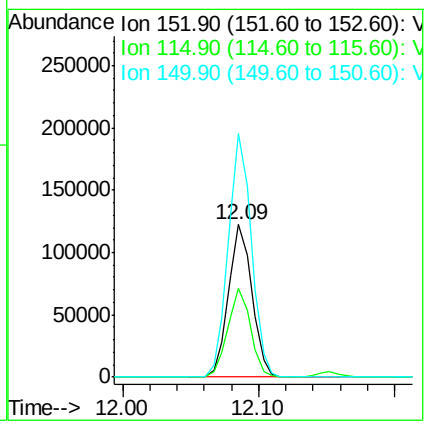


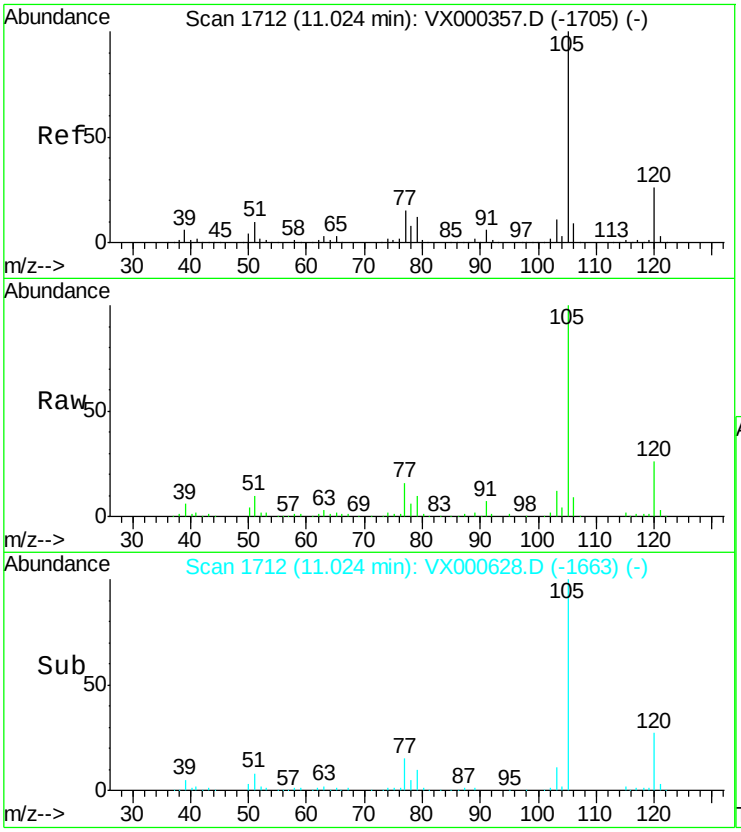


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX000628.D
Acq: 01 Apr 2018 07:01

Tgt Ion:152 Resp: 146480

Ion	Ratio	Lower	Upper
152	100		
115	56.5	39.8	119.3
150	157.9	0.0	344.4

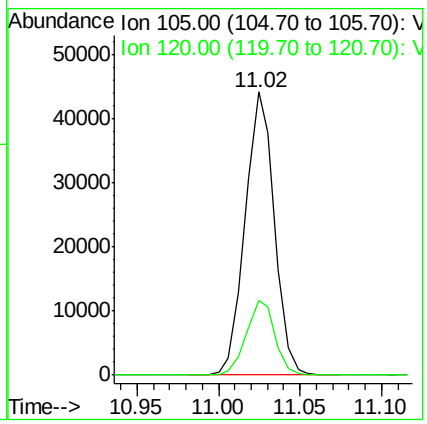


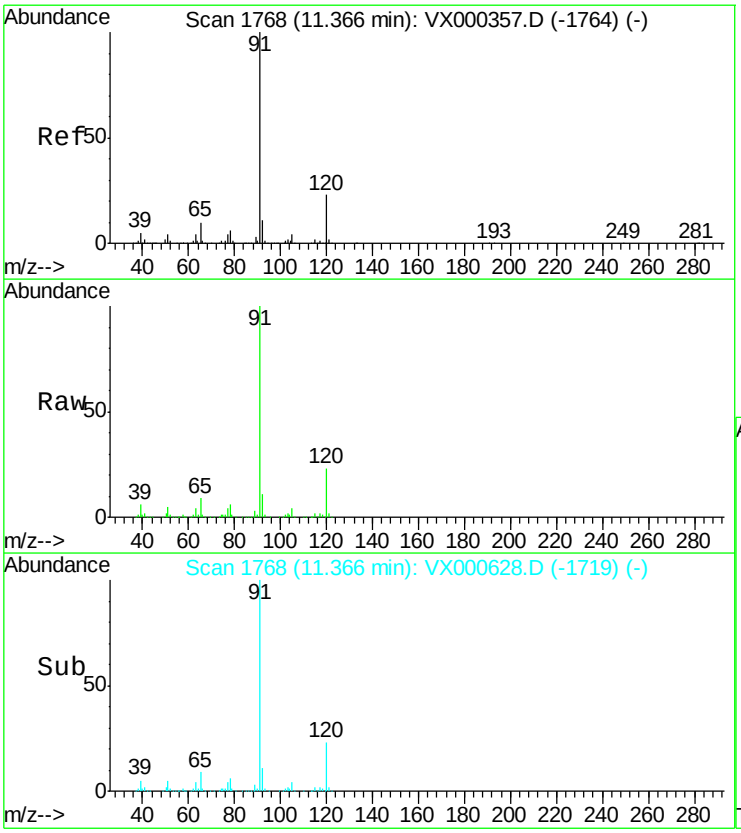


#73
Isopropylbenzene
Concen: 5.69 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. 0.00 min
Lab File: VX000628.D
Acq: 01 Apr 2018 07:01

Tgt Ion:105 Resp: 55228

Ion	Ratio	Lower	Upper
105	100		
120	25.9	13.6	40.7

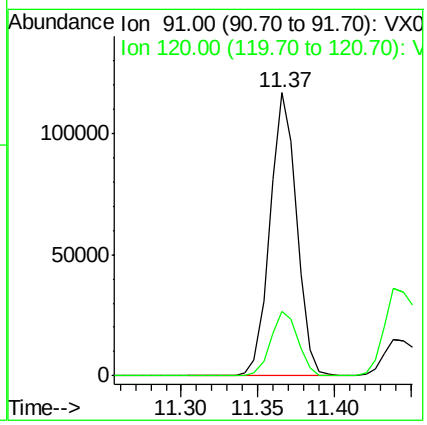


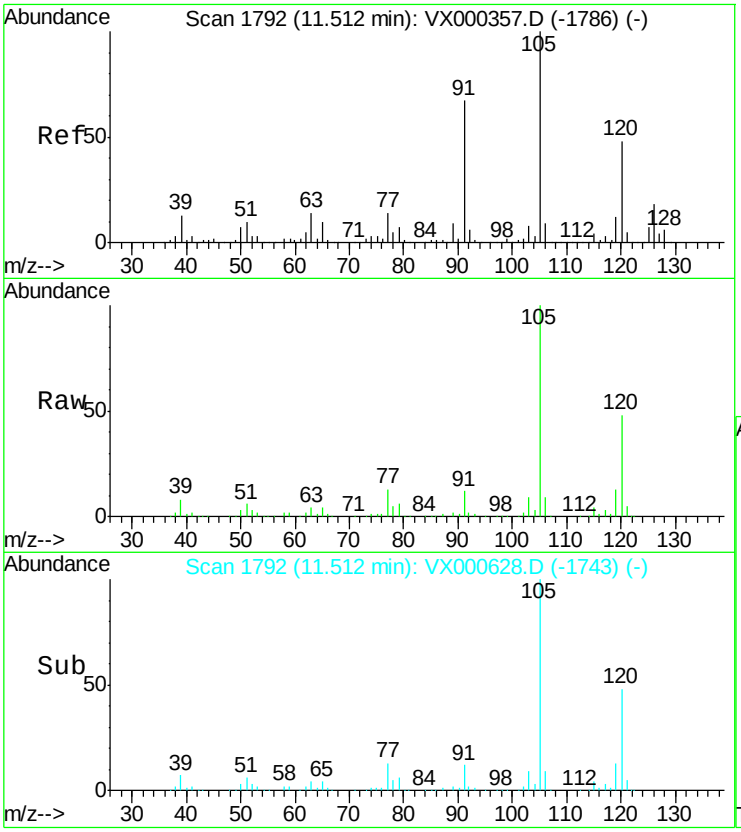


#78
n-propylbenzene
Concen: 12.26 ug/l
RT: 11.37 min Scan# 1768
Delta R.T. 0.00 min
Lab File: VX000628.D
Acq: 01 Apr 2018 07:01

Tgt Ion: 91 Resp: 141919

Ion	Ratio	Lower	Upper
91	100		
120	23.3	11.8	35.3

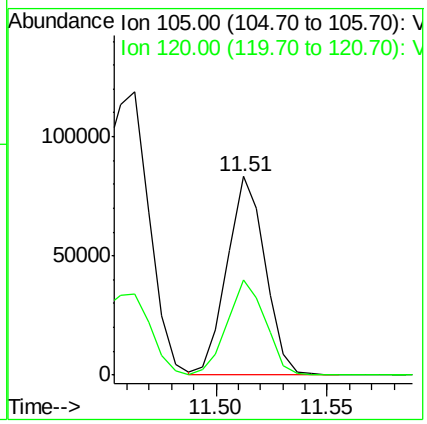


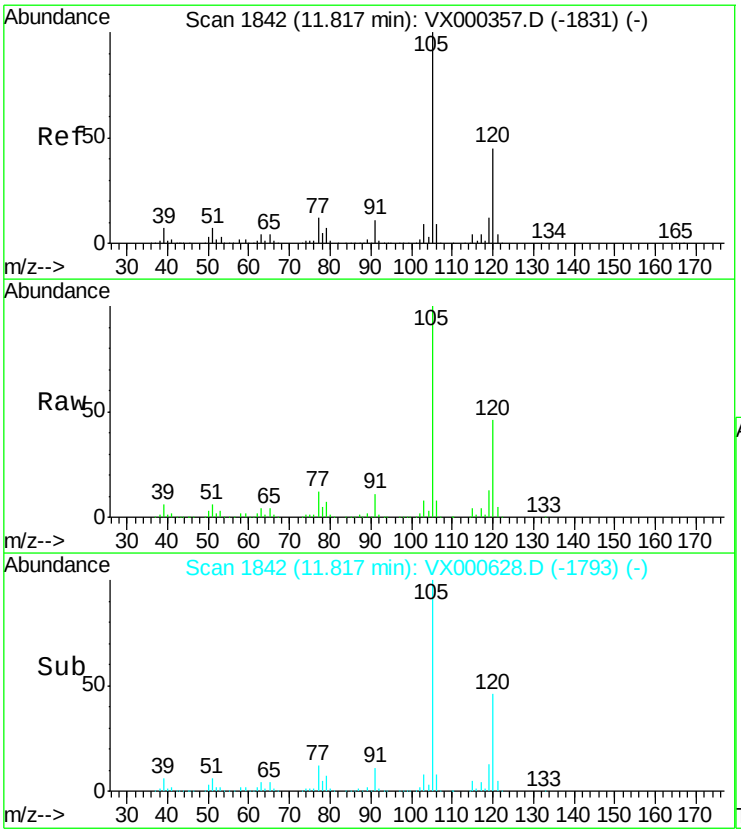


#80
1,3,5-Trimethylbenzene
Concen: 12.17 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX000628.D
Acq: 01 Apr 2018 07:01

Tgt Ion:105 Resp: 99329

Ion	Ratio	Lower	Upper
105	100		
120	48.0	24.1	72.4

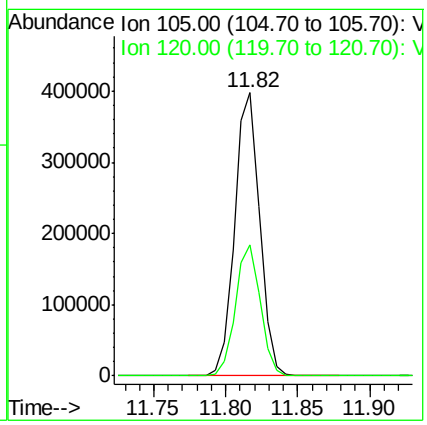


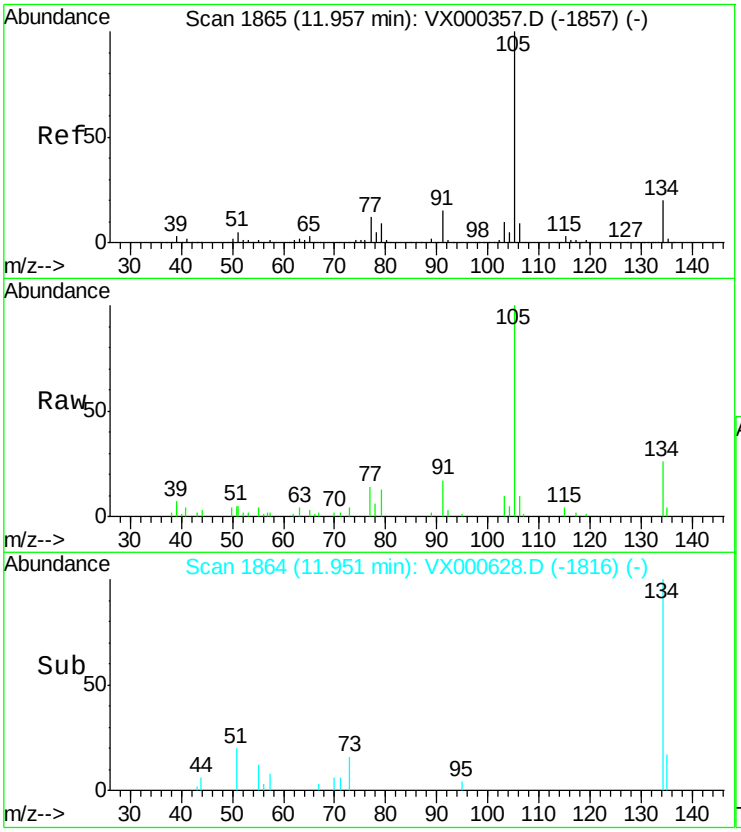


#84
1,2,4-Trimethylbenzene
Concen: 56.48 ug/l
RT: 11.82 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX000628.D
Acq: 01 Apr 2018 07:01

Tgt Ion:105 Resp: 483206

Ion	Ratio	Lower	Upper
105	100		
120	45.8	22.4	67.3

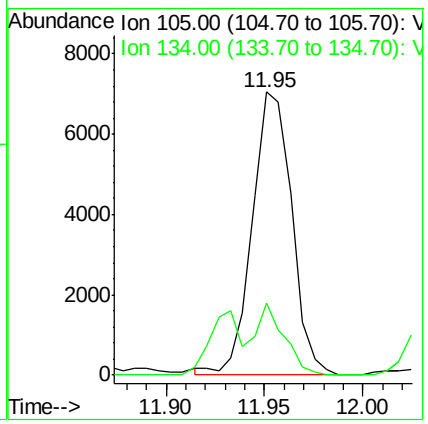


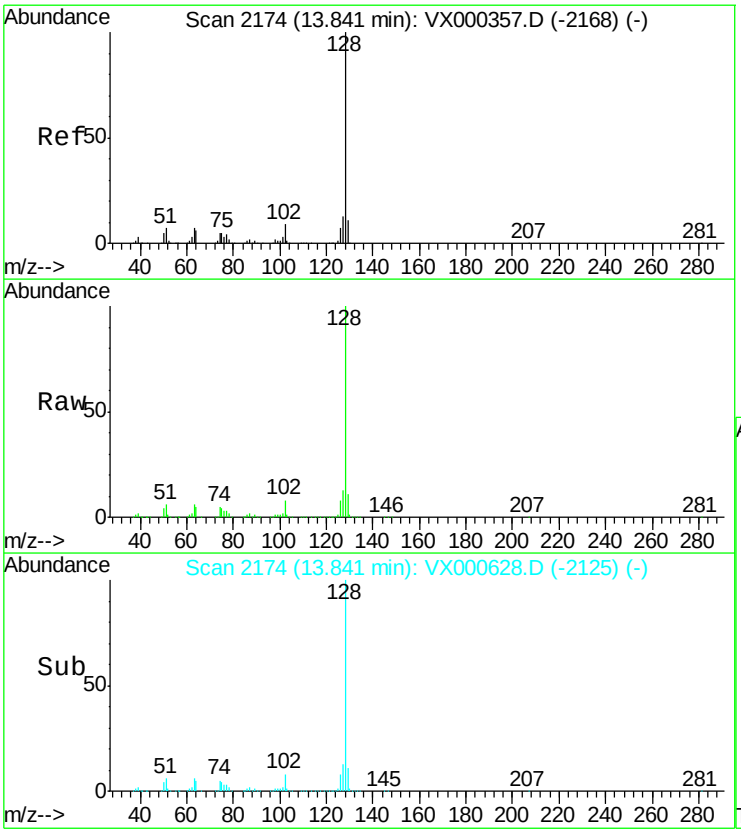


#85
sec-Butylbenzene
Concen: 0.97 ug/l m
RT: 11.95 min Scan# 1864
Delta R.T. -0.01 min
Lab File: VX000628.D
Acq: 01 Apr 2018 07:01

Tgt Ion:105 Resp: 9876

Ion	Ratio	Lower	Upper
105	100		
134	0.0	10.3	30.8#





#95
Naphthalene
Concen: 33.89 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX000628.D
Acq: 01 Apr 2018 07:01

Tgt Ion:128 Resp: 405568

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.6	15.8
129	11.3	8.9	13.3