Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX033118\
Data File : VX000621.D
Acq On : 01 Apr 2018 04:03
Operator : JC/MD
Sample : J2132-07 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Apr 02 05:27:49 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	106919	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	182533	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	180344	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	102529	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	71402	51.16	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.32%			
35) Dibromofluoromethane	5.51	113	55391	48.16	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.32%			
50) Toluene-d8	8.73	98	230356	48.36	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.72%			
62) 4-Bromofluorobenzene	11.15	95	82305	42.01	ug/l	0.00
Spiked Amount 50.000			Recovery = 84.02%			
Target Compounds						Qvalue
6) Chloroethane	1.73	64	122	Below Cal	#	44
10) Methyl Iodide	2.53	142	25	4.293	ug/l #	37
11) Tert butyl alcohol	3.03	59	864	1.800	ug/l #	72
13) Acrolein	2.26	56	336	16.642	ug/l #	1
14) Allyl chloride	2.70	41	172	Below Cal	#	76
15) Acrylonitrile	3.19	53	541	0.556	ug/l #	17
16) Acetone	2.45	43	1140	0.982	ug/l	98
31) Cyclohexane	5.57	56	5893	3.347	ug/l	96
36) 1,1-Dichloropropene	5.67	75	8712	5.095	ug/l #	48
38) Carbon Tetrachloride	5.67	117	10902	6.078	ug/l #	15
39) Methylcyclohexane	7.47	83	3178	1.528	ug/l	93
52) Toluene	8.79	92	3735	1.076	ug/l	87
67) Ethyl Benzene	10.26	91	82963	12.194	ug/l	100
68) m/p-Xylenes	10.37	106	85816	32.054	ug/l	97
69) o-Xylene	10.71	106	23595	9.102	ug/l	98
70) Styrene	10.70	104	1354	0.316	ug/l #	1
73) Isopropylbenzene	11.02	105	7145	1.052	ug/l	97
74) N-amyl acetate	6.46	43	65	Below Cal	#	59
76) 1,2,3-Trichloropropane	11.15	75	47260	21.448	ug/l #	35
78) n-propylbenzene	11.37	91	21494	2.654	ug/l	99
79) 2-Chlorotoluene	11.44	91	14057	3.004	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.51	105	32685	5.722	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.15	75	47260	69.440	ug/l #	9
82) 4-Chlorotoluene	11.51	91	4192	0.750	ug/l #	44
83) tert-Butylbenzene	11.82	119	16678	2.895	ug/l #	52
84) 1,2,4-Trimethylbenzene	11.82	105	132395	22.108	ug/l	98
85) sec-Butylbenzene	11.82	105	132395	18.574	ug/l #	56
89) n-Butylbenzene	12.38	91	2752	0.467	ug/l #	19
90) Hexachloroethane	12.62	117	1282	1.287	ug/l #	12
95) Naphthalene	13.84	128	48659	5.808	ug/l	99

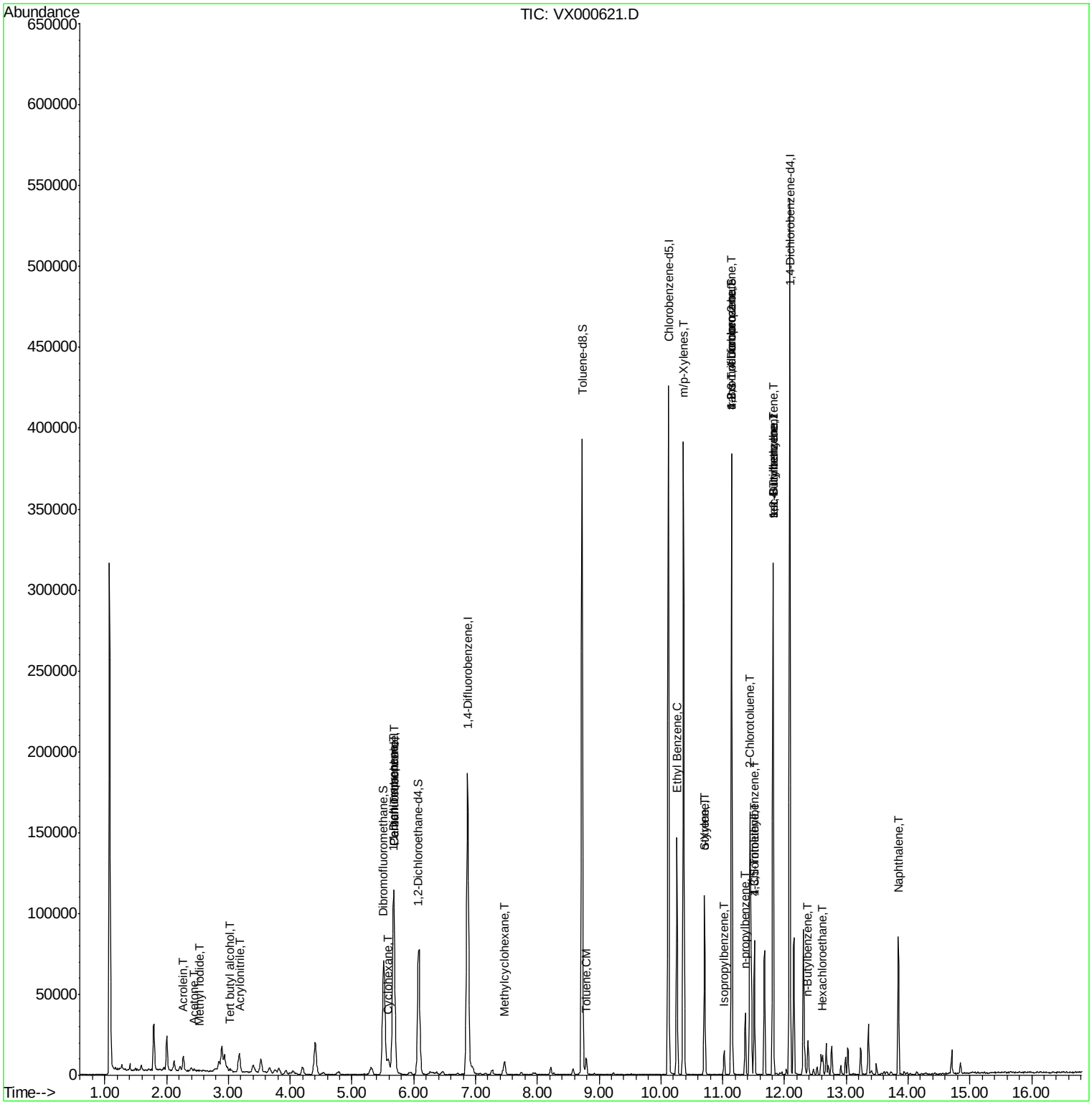
(#) = qualifier out of range (m) = manual integration (+) = signals summed

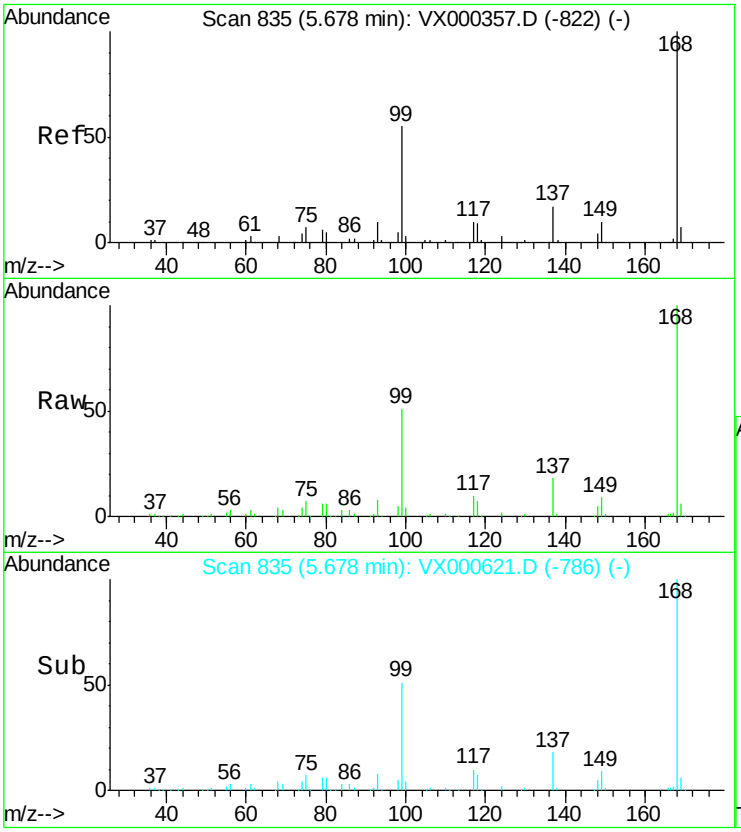
Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX033118\
Data File : VX000621.D
Acq On : 01 Apr 2018 04:03
Operator : JC/MD
Sample : J2132-07 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Apr 02 05:27:49 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



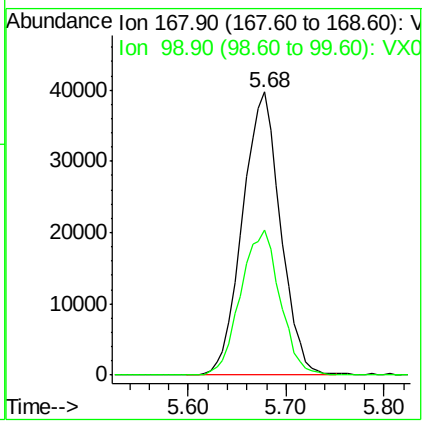


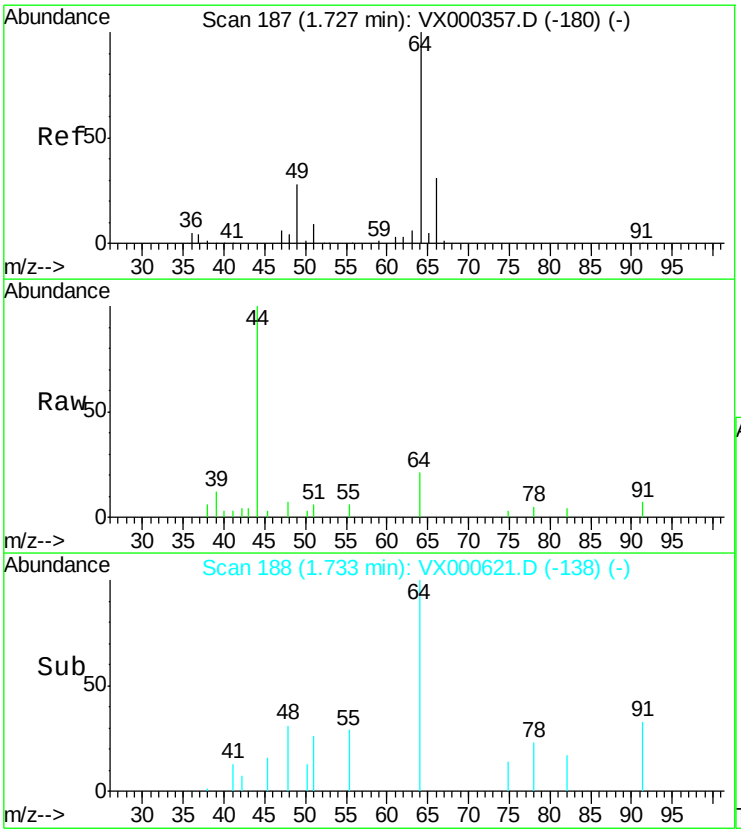
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.68 min Scan# 835
Delta R.T. -0.00 min
Lab File: VX000621.D
Acq: 01 Apr 2018 04:03

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 106919

Ion	Ratio	Lower	Upper
168	100		
99	51.3	45.8	68.6

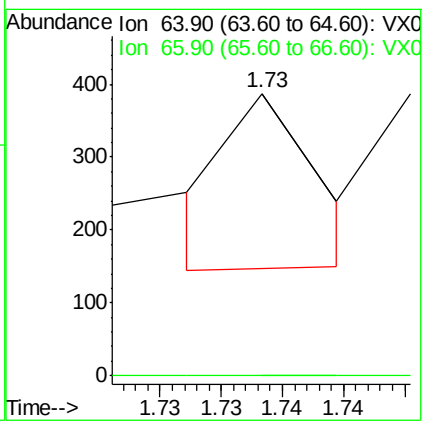


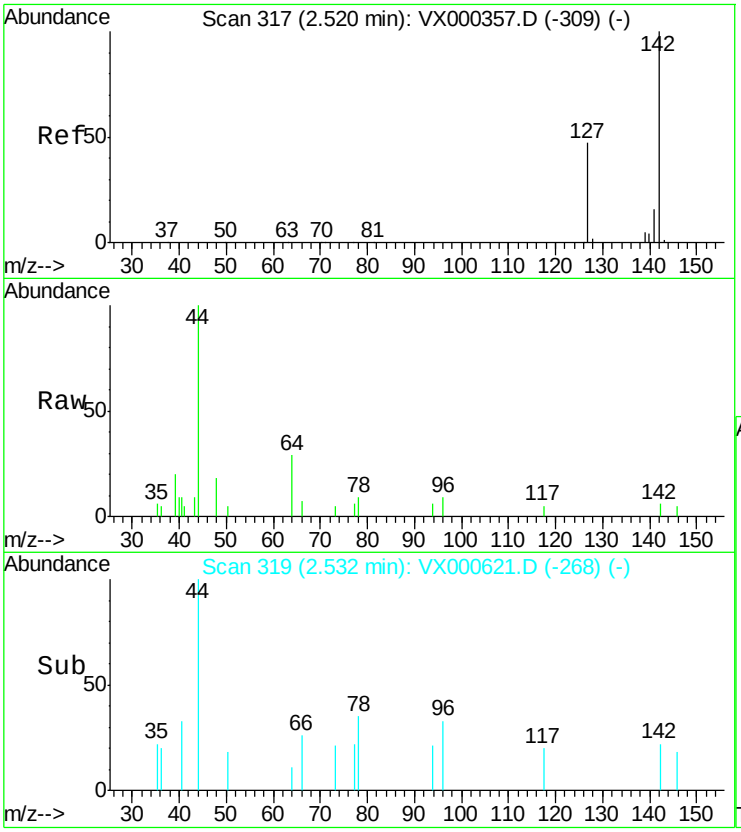


#6
Chloroethane
Concen: Below Cal
RT: 1.73 min Scan# 188
Delta R.T. 0.01 min
Lab File: VX000621.D
Acq: 01 Apr 2018 04:03

Tgt Ion: 64 Resp: 122

Ion	Ratio	Lower	Upper
64	100		
66	0.0	24.8	37.2#



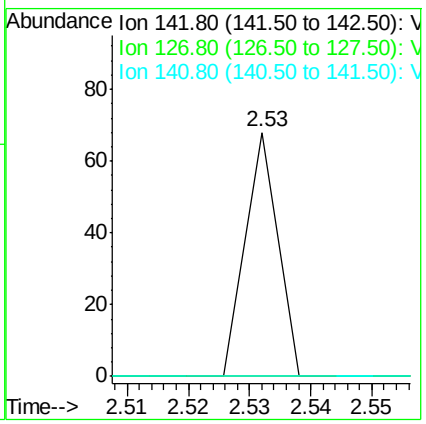


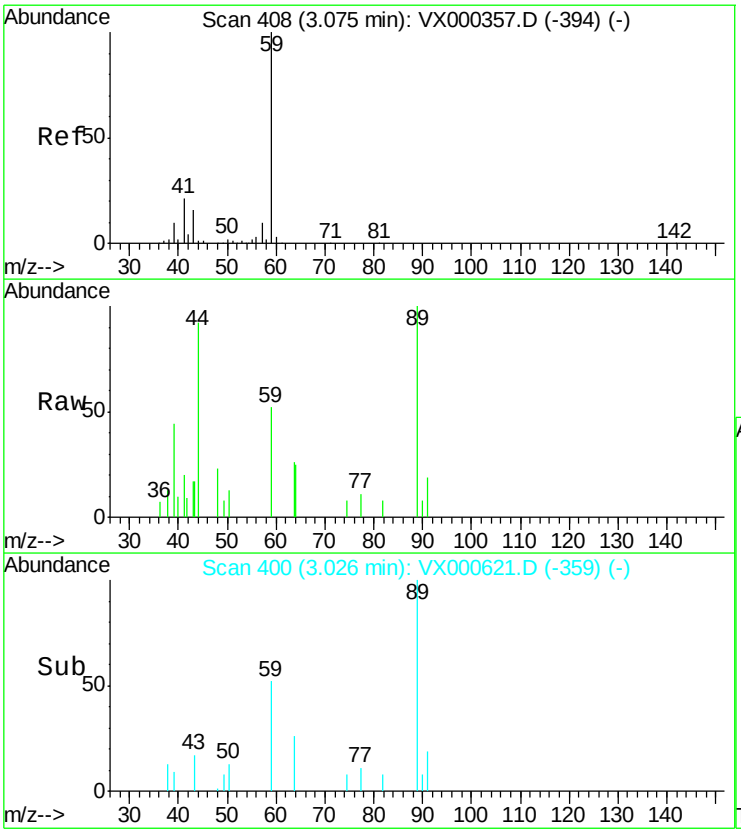
#10
Methyl Iodide
Concen: 4.293 ug/l
RT: 2.53 min Scan# 319
Delta R.T. 0.01 min
Lab File: VX000621.D
Acq: 01 Apr 2018 04:03

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion:142 Resp: 25

Ion	Ratio	Lower	Upper
142	100		
127	0.0	39.2	58.8#
141	0.0	11.7	17.5#

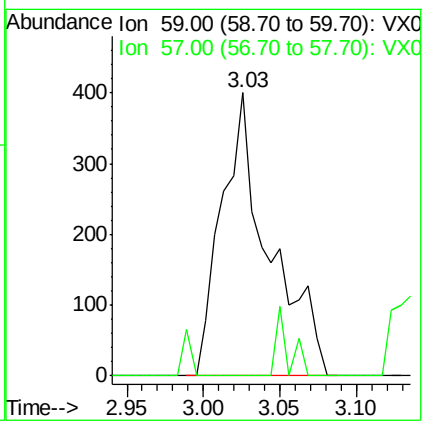


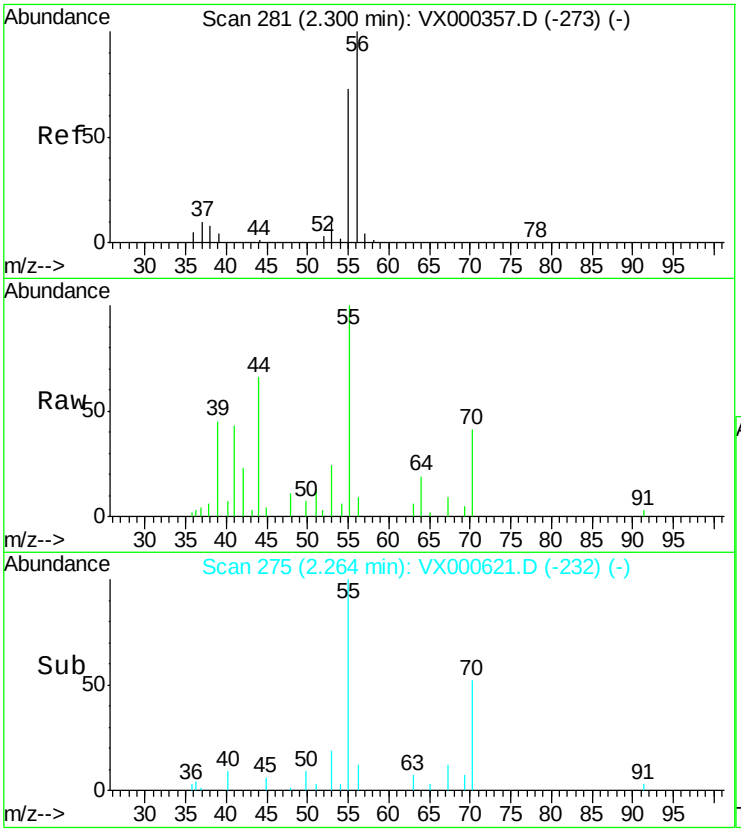


#11
Tert butyl alcohol
Concen: 1.800 ug/l
RT: 3.03 min Scan# 400
Delta R.T. -0.05 min
Lab File: VX000621.D
Acq: 01 Apr 2018 04:03

Tgt Ion: 59 Resp: 864

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.4	12.6#



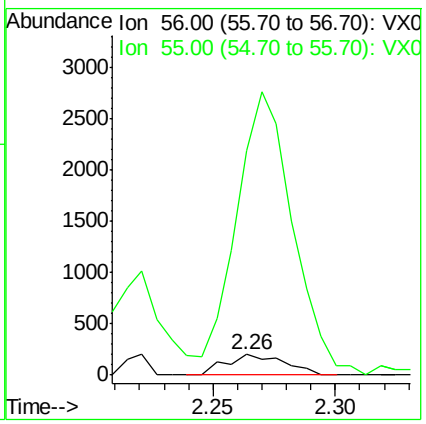


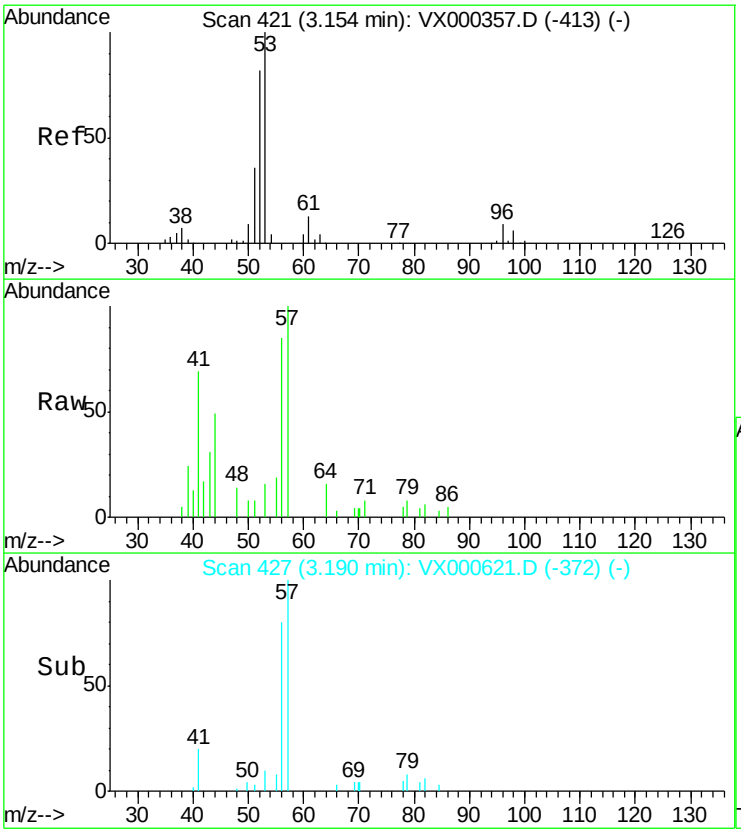
#13
Acrolein
Concen: 16.642 ug/l
RT: 2.26 min Scan# 275
Delta R.T. -0.04 min
Lab File: VX000621.D
Acq: 01 Apr 2018 04:03

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 336

Ion	Ratio	Lower	Upper
56	100		
55	1317.6	58.8	88.2#

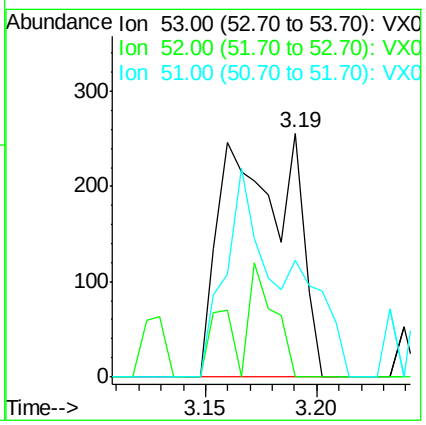


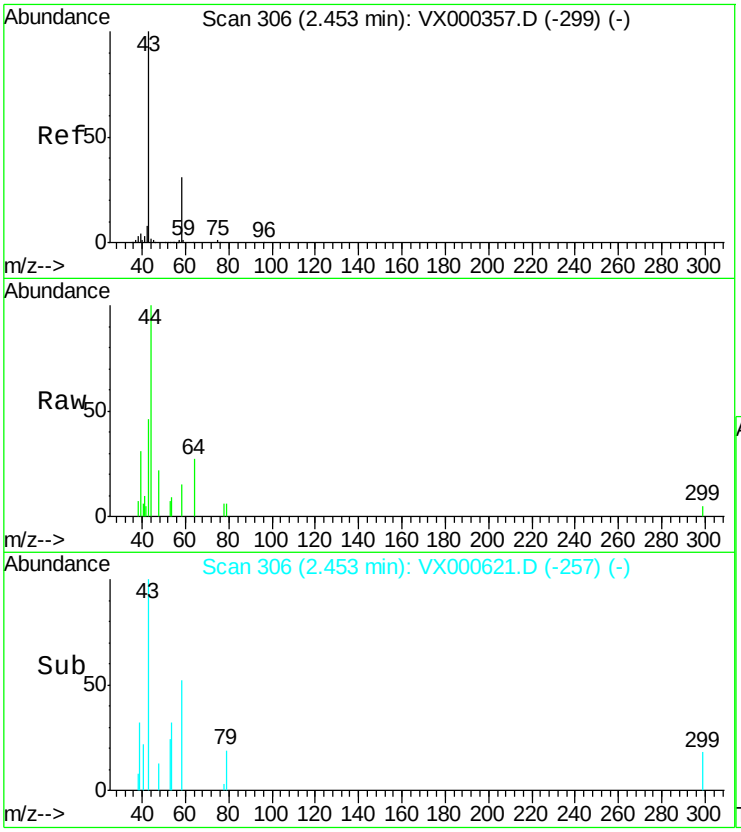


#15
Acrylonitrile
Concen: 0.556 ug/l
RT: 3.19 min Scan# 427
Delta R.T. 0.04 min
Lab File: VX000621.D
Acq: 01 Apr 2018 04:03

Tgt Ion: 53 Resp: 541

Ion	Ratio	Lower	Upper
53	100		
52	0.0	66.6	99.8#
51	0.0	29.3	43.9#



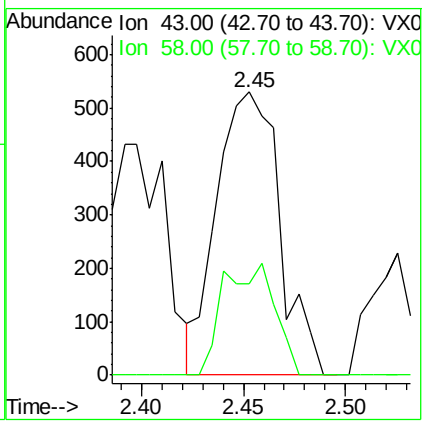


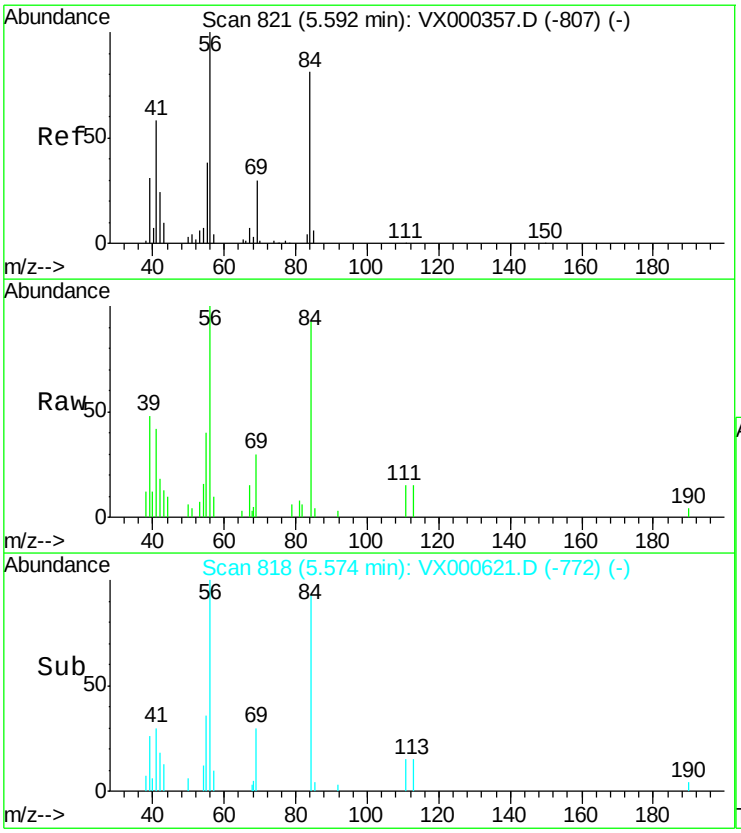
#16
Acetone
Concen: 0.982 ug/l
RT: 2.45 min Scan# 306
Delta R.T. -0.00 min
Lab File: VX000621.D
Acq: 01 Apr 2018 04:03

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 1140

Ion	Ratio	Lower	Upper
43	100		
58	32.3	24.7	37.1

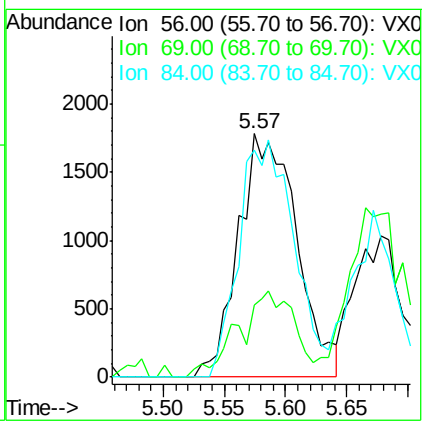


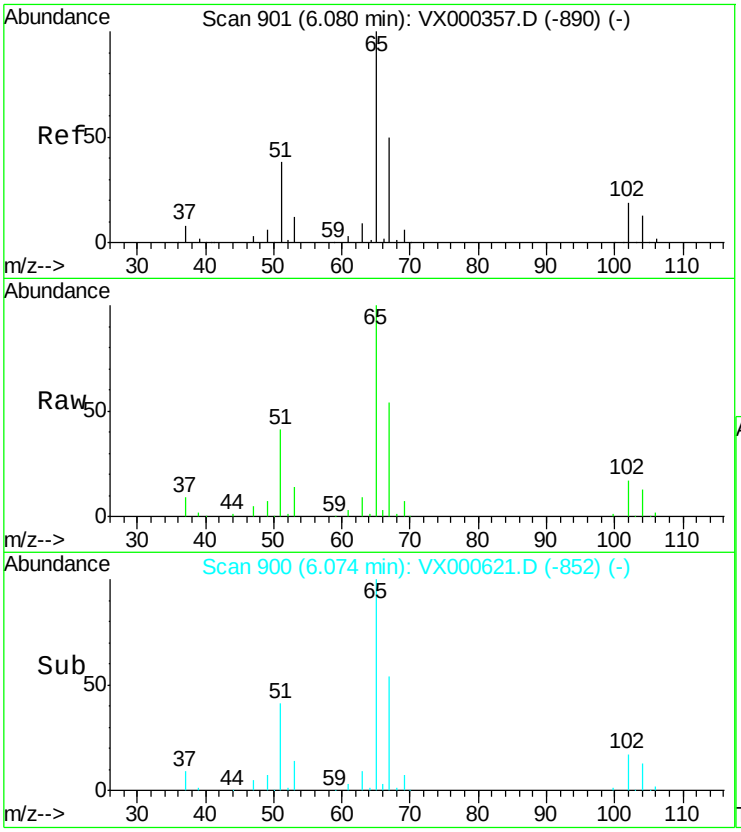


#31
Cyclohexane
Concen: 3.347 ug/l
RT: 5.57 min Scan# 818
Delta R.T. -0.02 min
Lab File: VX000621.D
Acq: 01 Apr 2018 04:03

Tgt Ion: 56 Resp: 5893

Ion	Ratio	Lower	Upper
56	100		
69	29.6	23.4	35.0
84	93.0	71.0	106.4



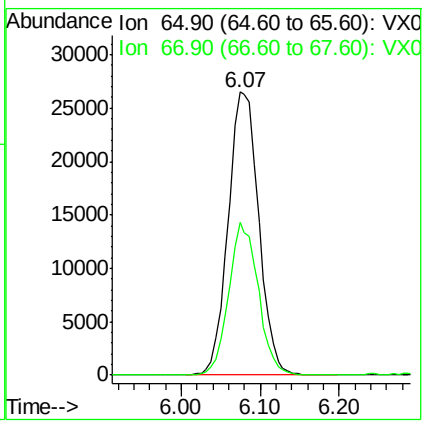


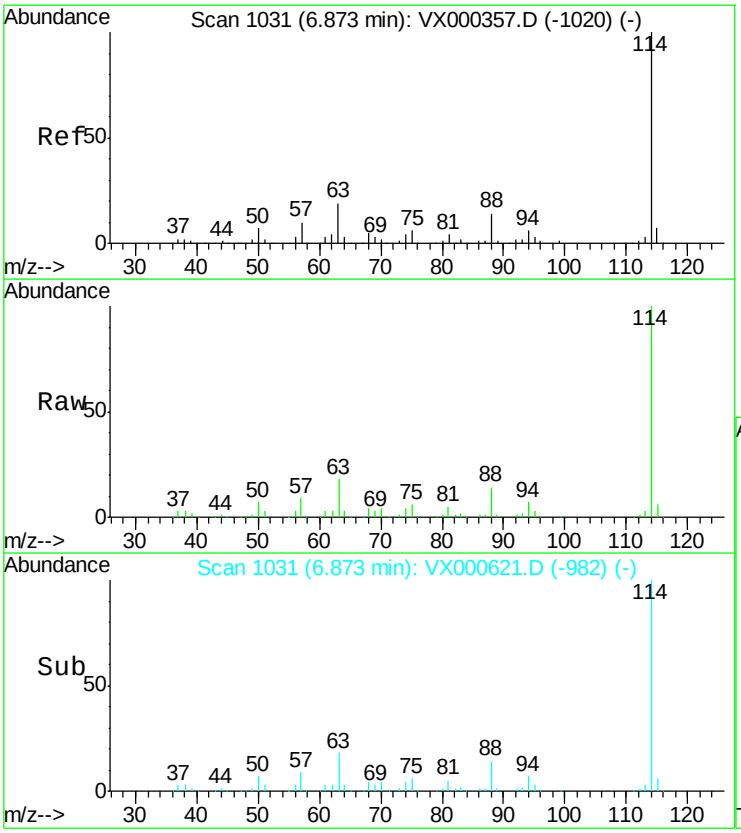
#33
1,2-Dichloroethane-d4
Concen: 51.160 ug/l
RT: 6.07 min Scan# 900
Delta R.T. -0.01 min
Lab File: VX000621.D
Acq: 01 Apr 2018 04:03

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 71402

Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	103.2

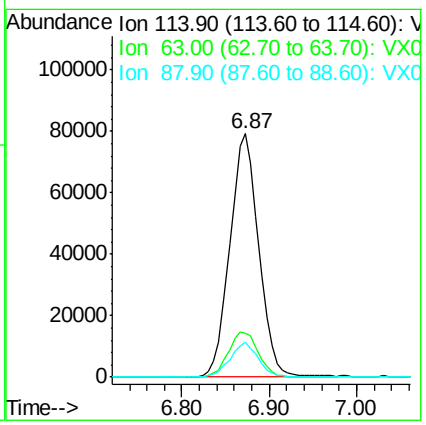


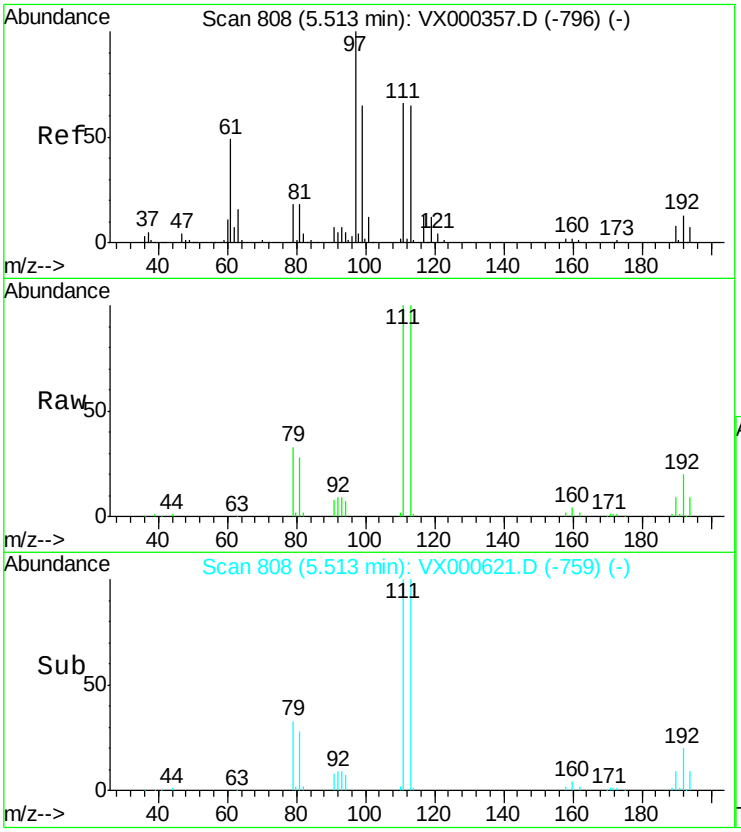


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VX000621.D
Acq: 01 Apr 2018 04:03

Tgt Ion:114 Resp: 182533

Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	38.4
88	14.2	0.0	27.0



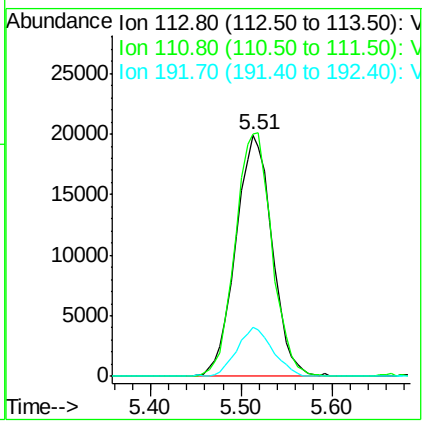


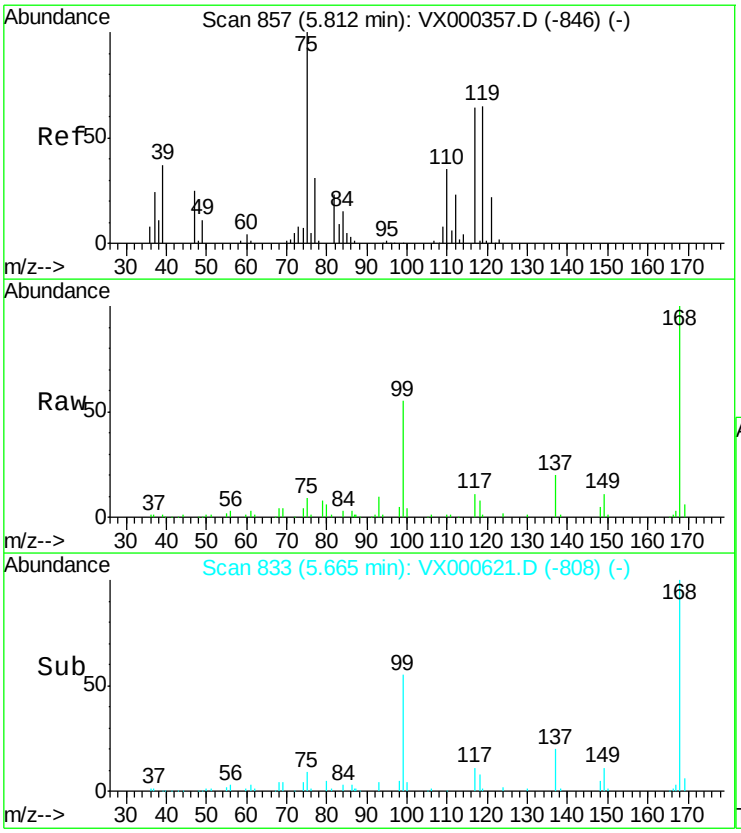
#35
Dibromofluoromethane
Concen: 48.161 ug/l
RT: 5.51 min Scan# 808
Delta R.T. -0.00 min
Lab File: VX000621.D
Acq: 01 Apr 2018 04:03

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:113 Resp: 55391

Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.4	123.6
192	20.1	15.8	23.6

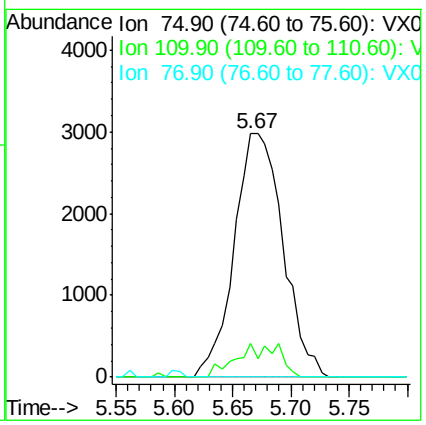


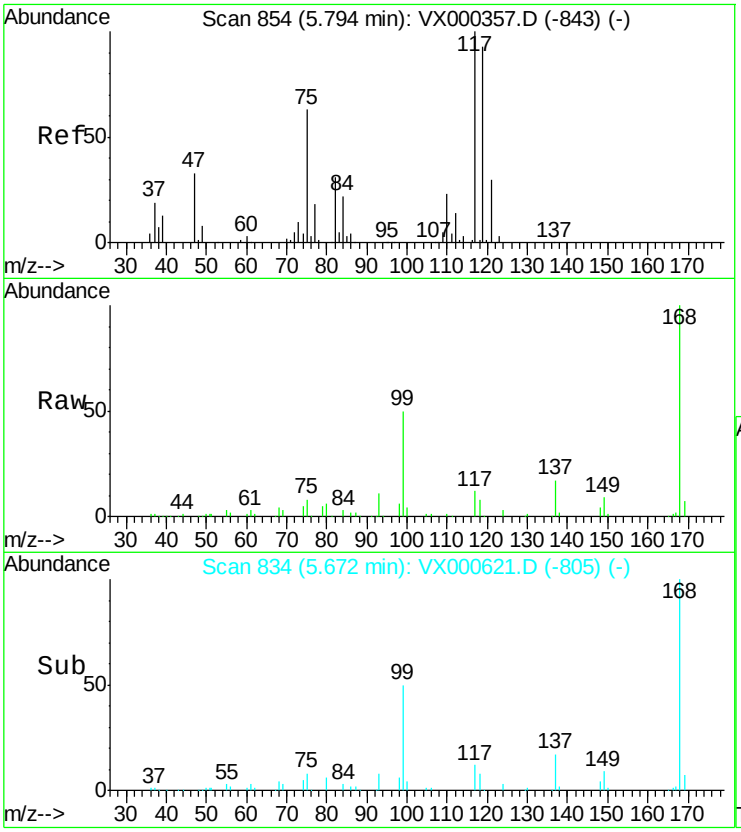


#36
1,1-Dichloropropene
Concen: 5.095 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.15 min
Lab File: VX000621.D
Acq: 01 Apr 2018 04:03

Tgt Ion: 75 Resp: 8712

Ion	Ratio	Lower	Upper
75	100		
110	6.5	17.9	53.7#
77	0.0	24.0	36.0#



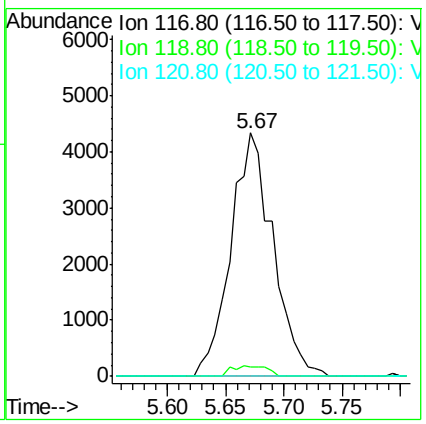


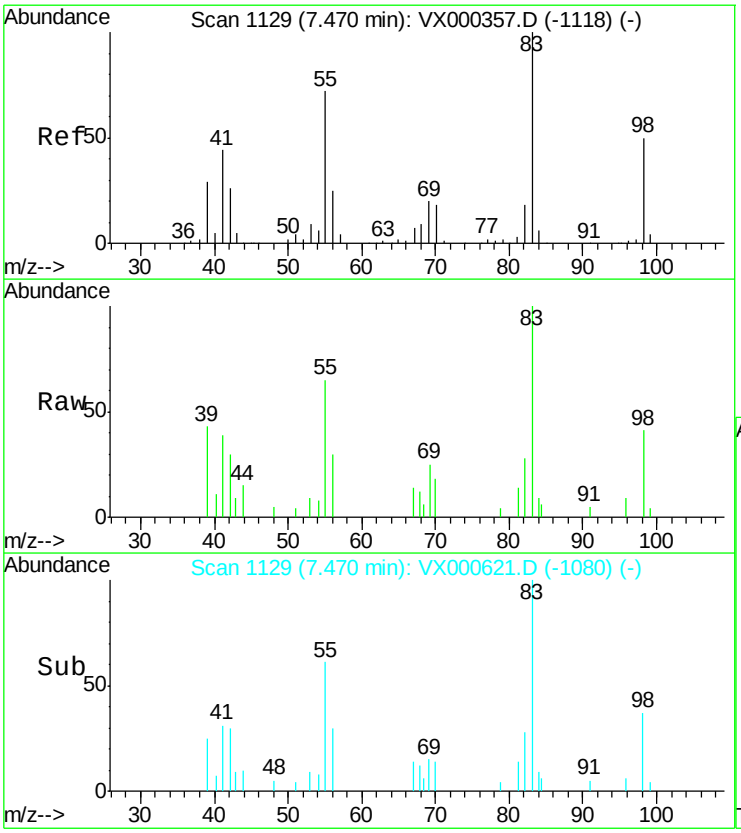
#38
Carbon Tetrachloride
Concen: 6.078 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX000621.D
Acq: 01 Apr 2018 04:03

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 10902

Ion	Ratio	Lower	Upper
117	100		
119	3.8	77.4	116.2#
121	0.0	24.8	37.2#

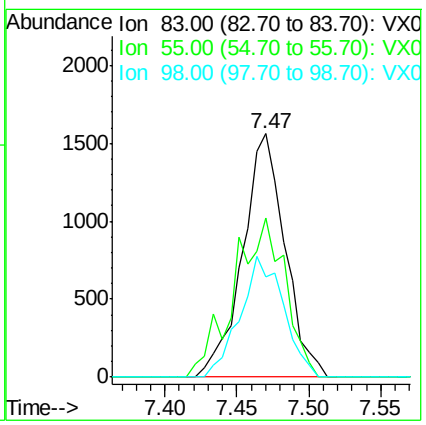


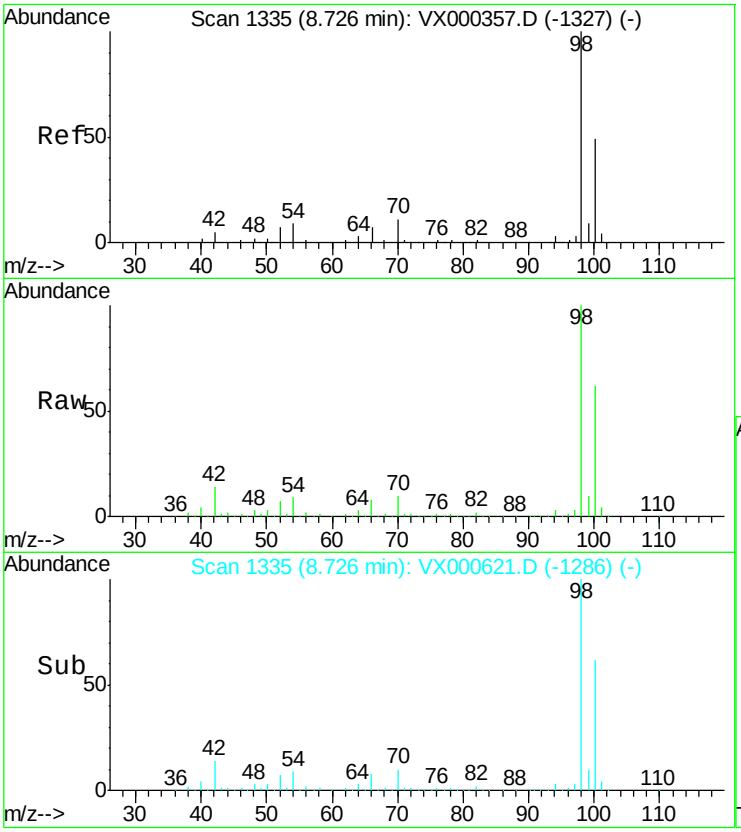


#39
Methylcyclohexane
Concen: 1.528 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000621.D
Acq: 01 Apr 2018 04:03

Tgt Ion: 83 Resp: 3178

Ion	Ratio	Lower	Upper
83	100		
55	65.4	55.5	83.3
98	41.1	38.2	57.4



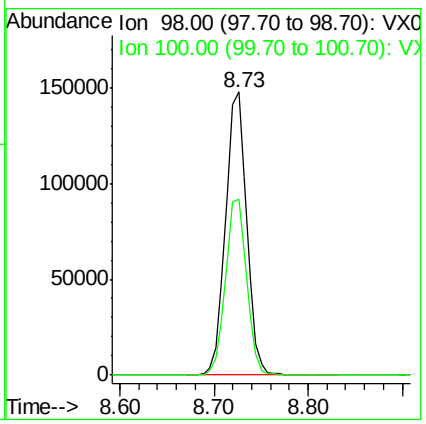


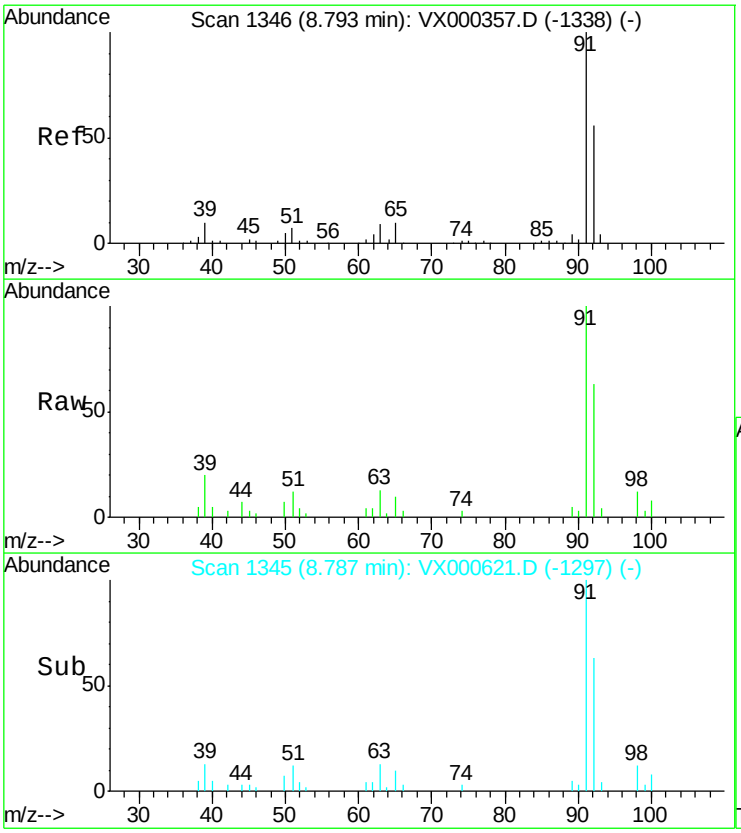
#50
Toluene-d8
Concen: 48.360 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000621.D
Acq: 01 Apr 2018 04:03

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 230356

Ion	Ratio	Lower	Upper
98	100		
100	62.3	51.2	76.8

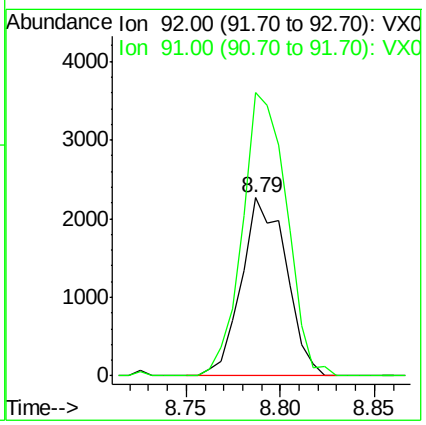


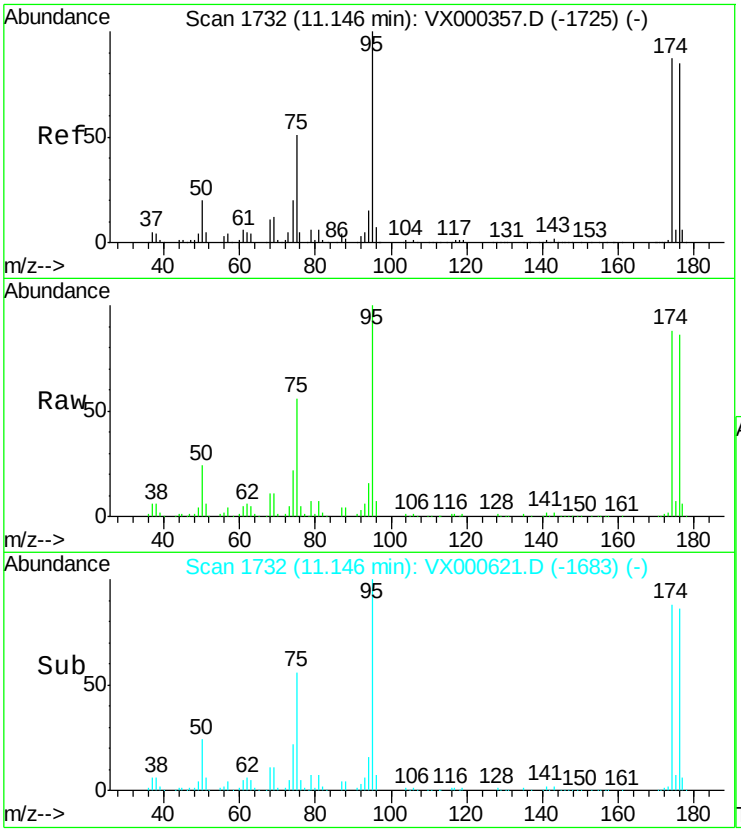


#52
Toluene
Concen: 1.076 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.01 min
Lab File: VX000621.D
Acq: 01 Apr 2018 04:03

Tgt Ion: 92 Resp: 3735

Ion	Ratio	Lower	Upper
92	100		
91	157.3	140.2	210.2



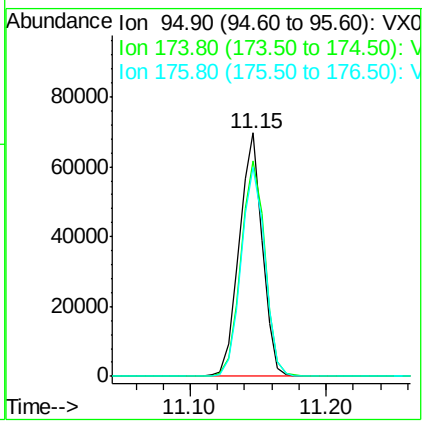


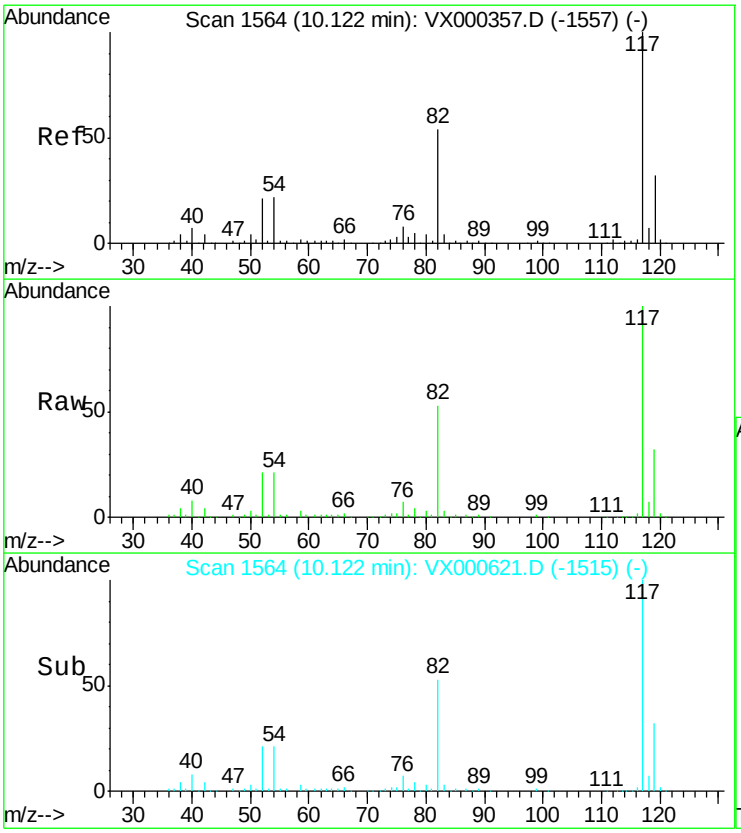
#62
4-Bromofluorobenzene
Concen: 42.015 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VX000621.D
Acq: 01 Apr 2018 04:03

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 82305

Ion	Ratio	Lower	Upper
95	100		
174	92.1	0.0	173.6
176	88.8	0.0	164.6

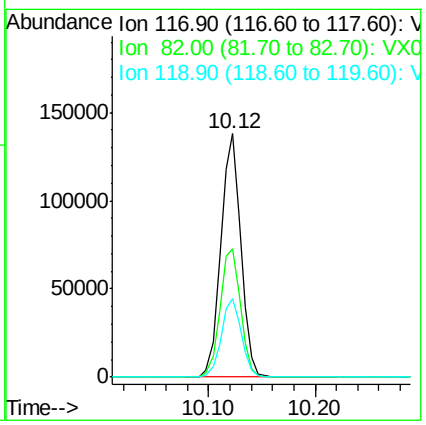


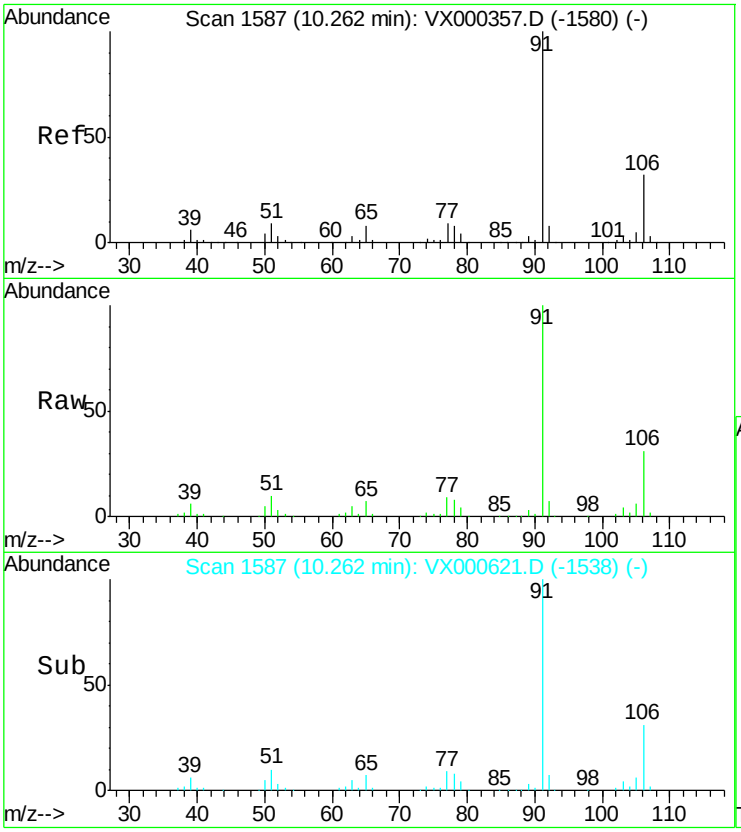


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000621.D
Acq: 01 Apr 2018 04:03

Tgt Ion:117 Resp: 180344

Ion	Ratio	Lower	Upper
117	100		
82	52.8	43.8	65.8
119	32.2	24.9	37.3



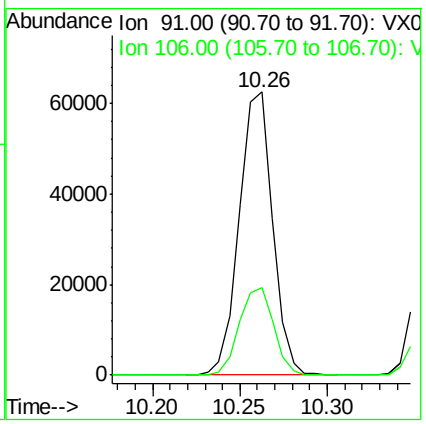


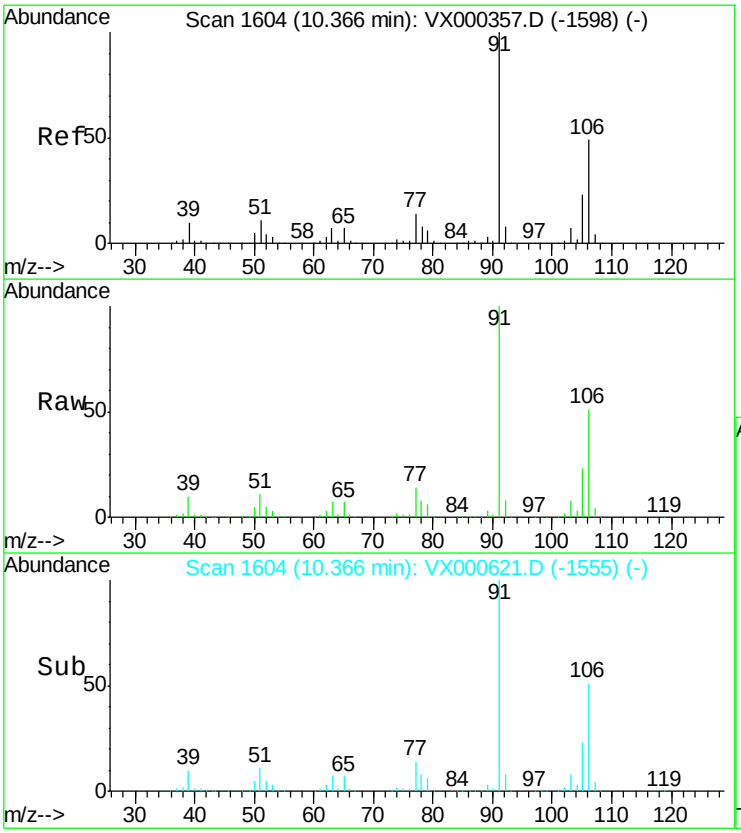
#67
Ethyl Benzene
Concen: 12.194 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. -0.00 min
Lab File: VX000621.D
Acq: 01 Apr 2018 04:03

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 91 Resp: 82963

Ion	Ratio	Lower	Upper
91	100		
106	31.1	25.0	37.6

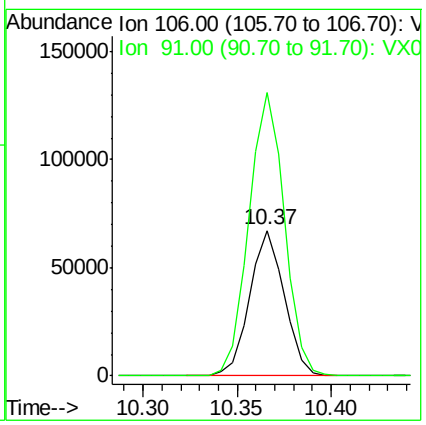


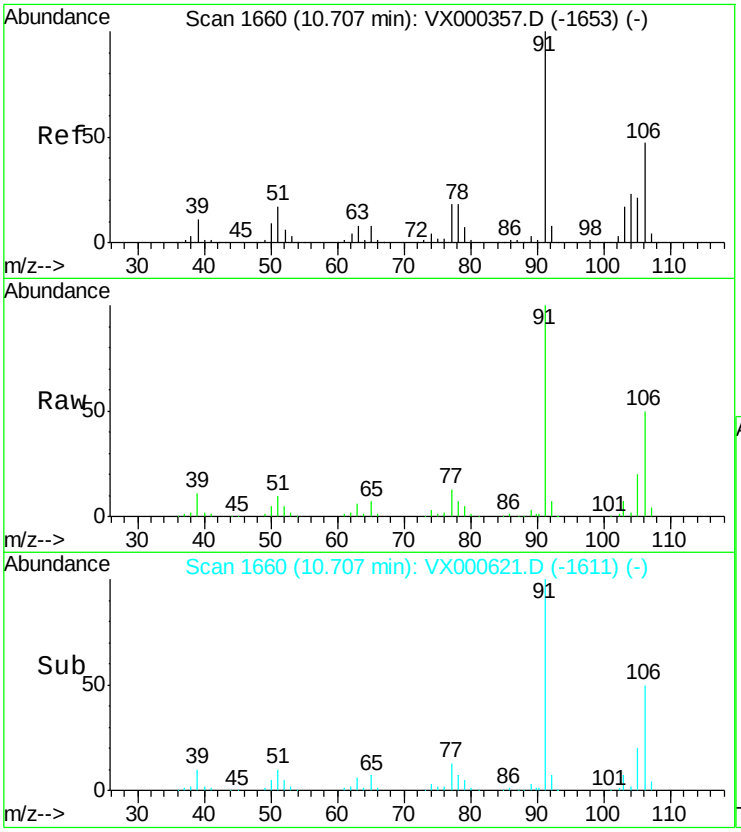


#68
m/p-Xylenes
Concen: 32.054 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000621.D
Acq: 01 Apr 2018 04:03

Tgt Ion:106 Resp: 85816

Ion	Ratio	Lower	Upper
106	100		
91	200.0	163.4	245.2



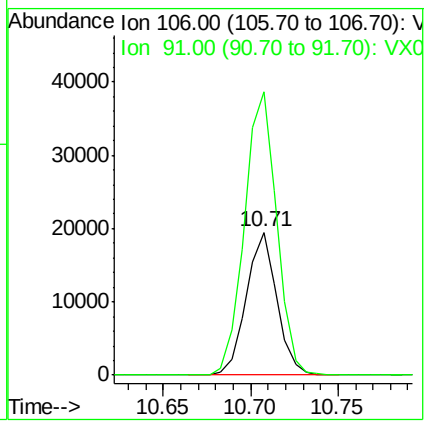


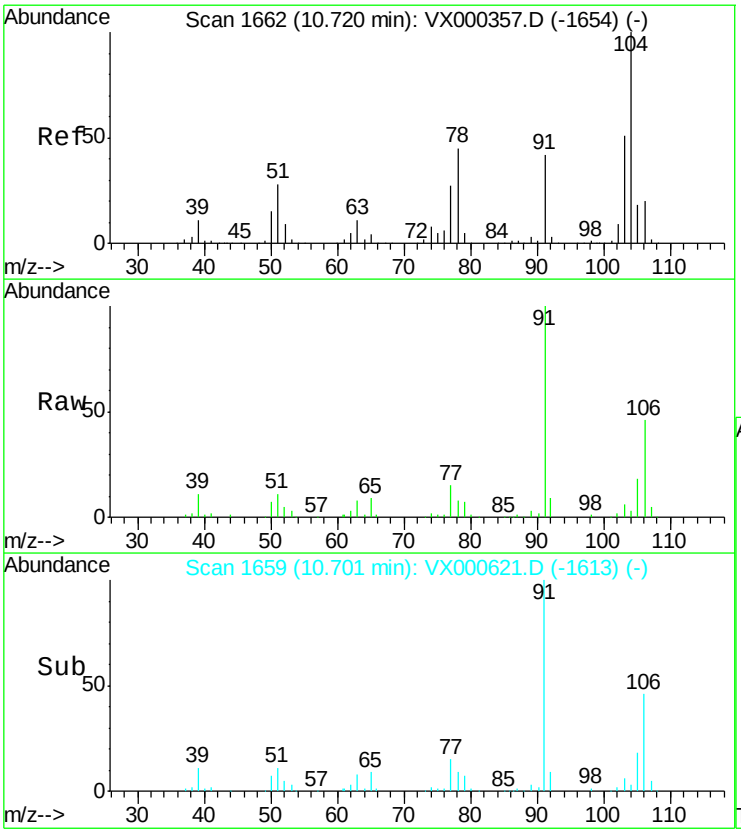
#69
o-Xylene
Concen: 9.102 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000621.D
Acq: 01 Apr 2018 04:03

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:106 Resp: 23595

Ion	Ratio	Lower	Upper
106	100		
91	209.2	106.5	319.6

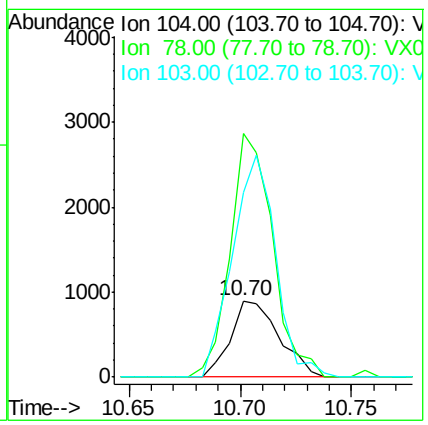


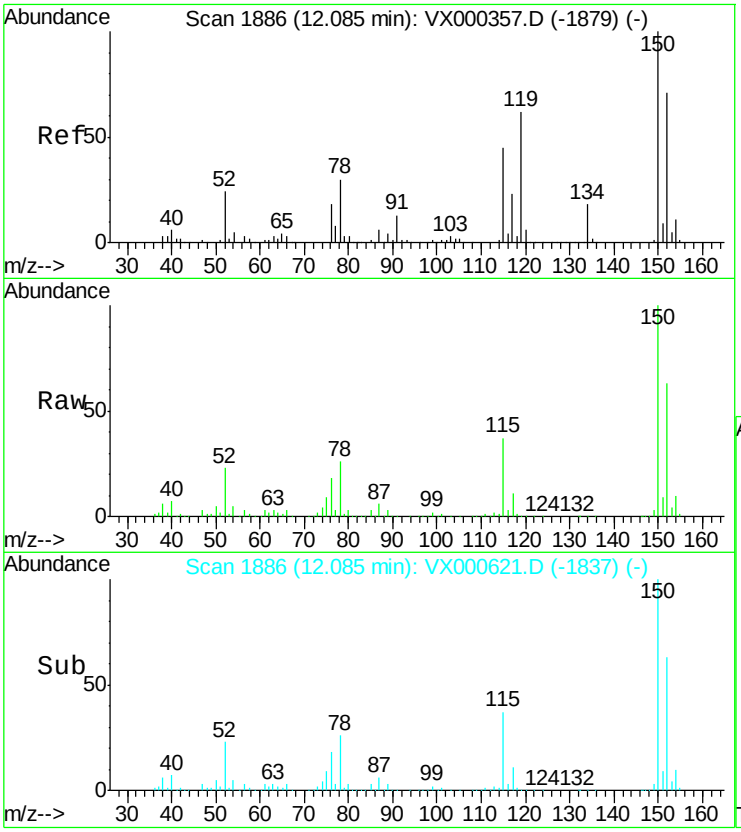


#70
Styrene
Concen: 0.316 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.02 min
Lab File: VX000621.D
Acq: 01 Apr 2018 04:03

Tgt Ion:104 Resp: 1354

Ion	Ratio	Lower	Upper
104	100		
78	281.8	40.5	60.7#
103	261.6	45.7	68.5#



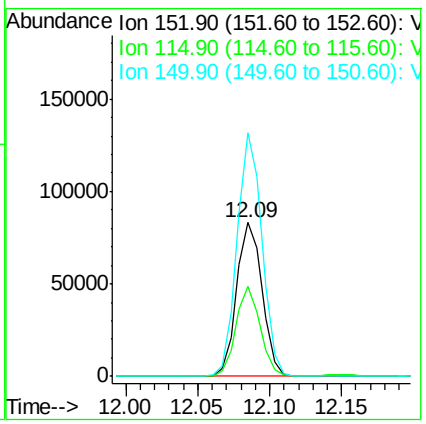


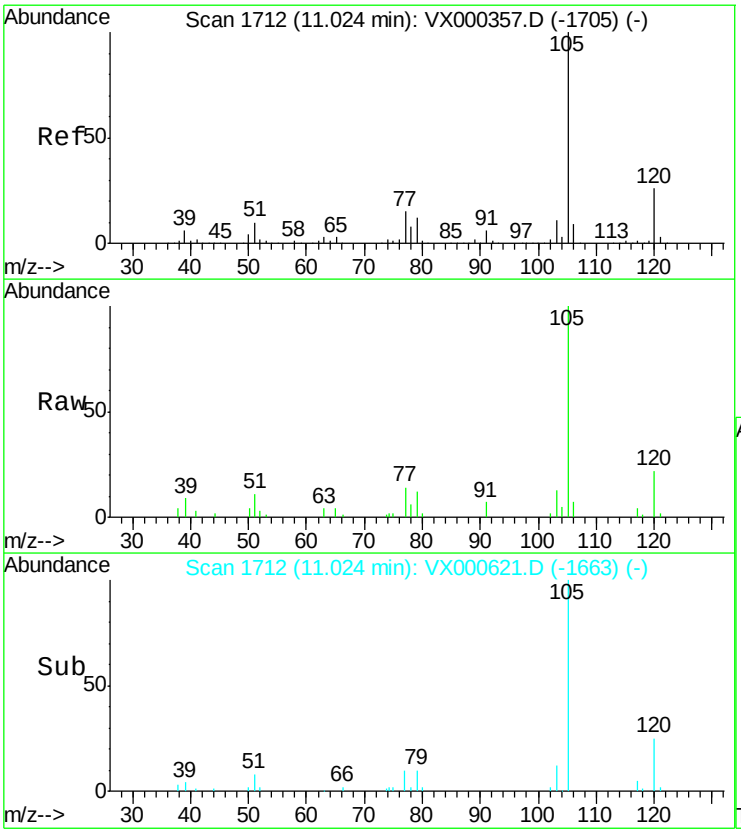
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000621.D
Acq: 01 Apr 2018 04:03

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:152 Resp: 102529

Ion	Ratio	Lower	Upper
152	100		
115	55.9	39.8	119.3
150	154.5	0.0	344.4

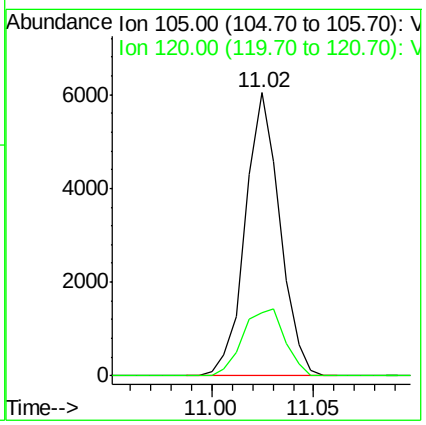


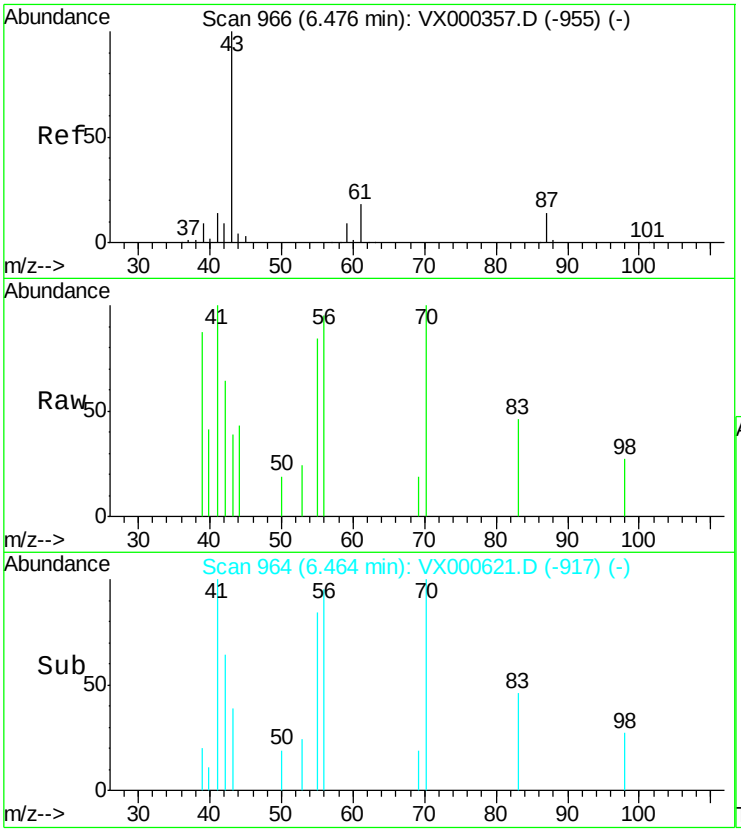


#73
Isopropylbenzene
Concen: 1.052 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VX000621.D
Acq: 01 Apr 2018 04:03

Tgt Ion:105 Resp: 7145

Ion	Ratio	Lower	Upper
105	100		
120	28.6	13.6	40.7



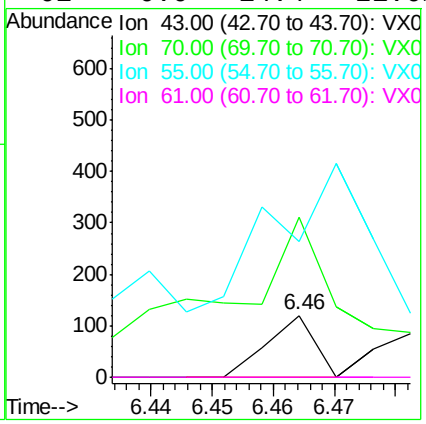


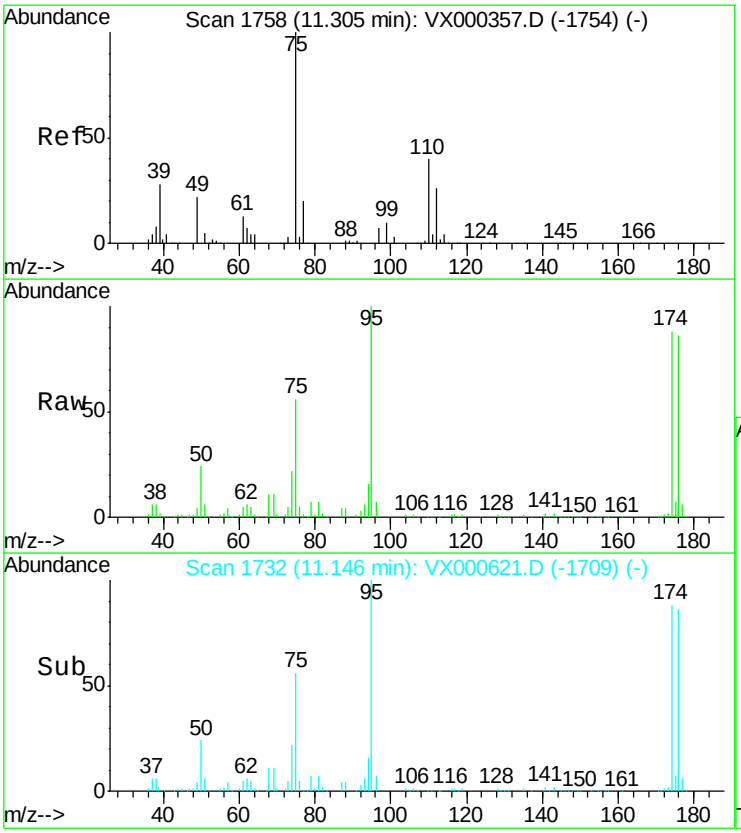
#74
N-amyl acetate
Concen: Below Cal
RT: 6.46 min Scan# 964
Delta R.T. -0.01 min
Lab File: VX000621.D
Acq: 01 Apr 2018 04:03

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 65

Ion	Ratio	Lower	Upper
43	100		
70	820.0	0.0	0.0#
55	1441.5	0.0	0.0#
61	0.0	14.4	21.6#

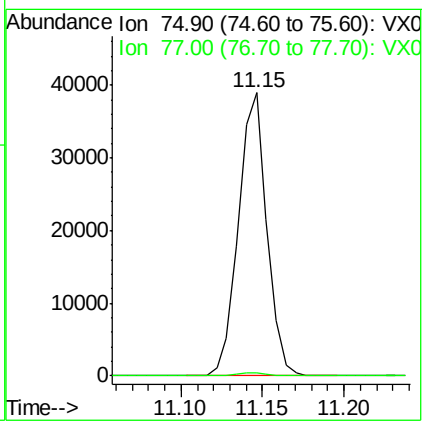


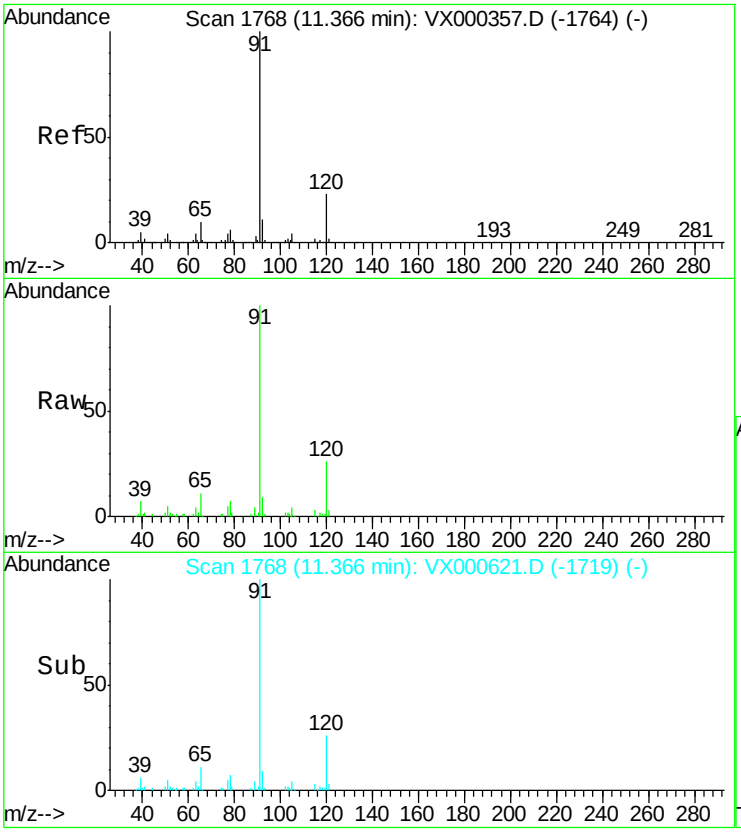


#76
1,2,3-Trichloropropane
Concen: 21.448 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. -0.16 min
Lab File: VX000621.D
Acq: 01 Apr 2018 04:03

Tgt Ion: 75 Resp: 47260

Ion	Ratio	Lower	Upper
75	100		
77	1.3	21.4	64.2#



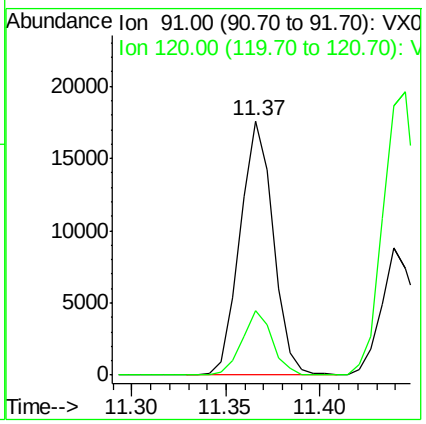


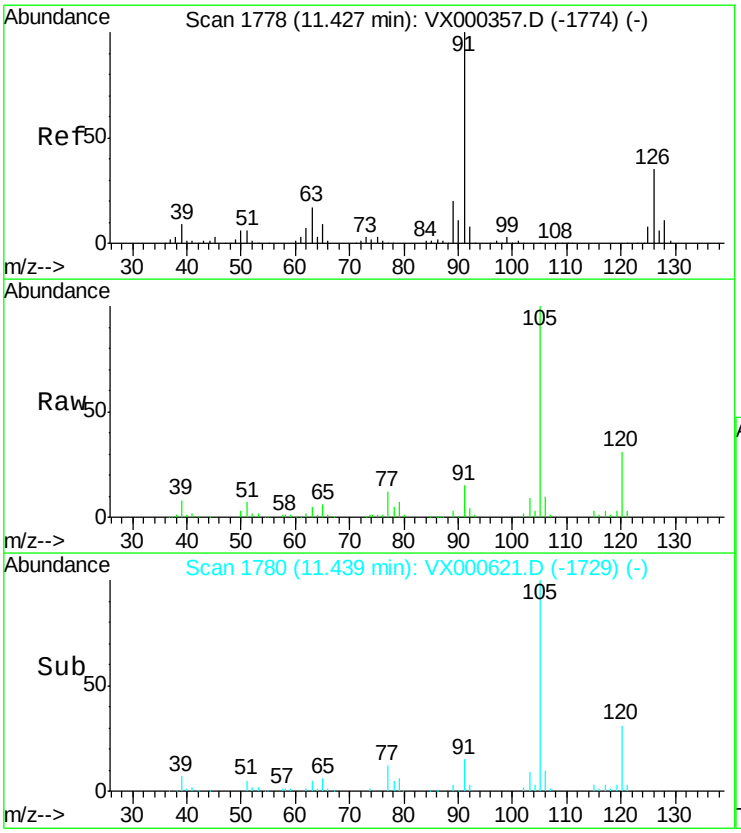
#78
n-propylbenzene
Concen: 2.654 ug/l
RT: 11.37 min Scan# 1768
Delta R.T. -0.00 min
Lab File: VX000621.D
Acq: 01 Apr 2018 04:03

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 91 Resp: 21494

Ion	Ratio	Lower	Upper
91	100		
120	23.2	11.8	35.3

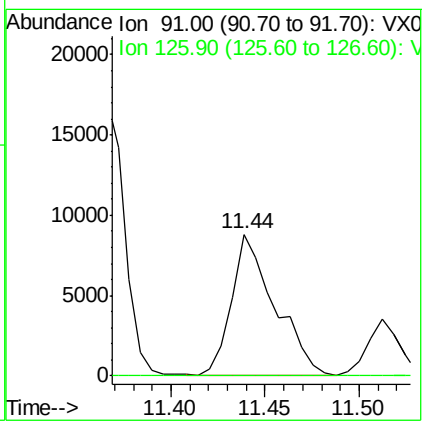


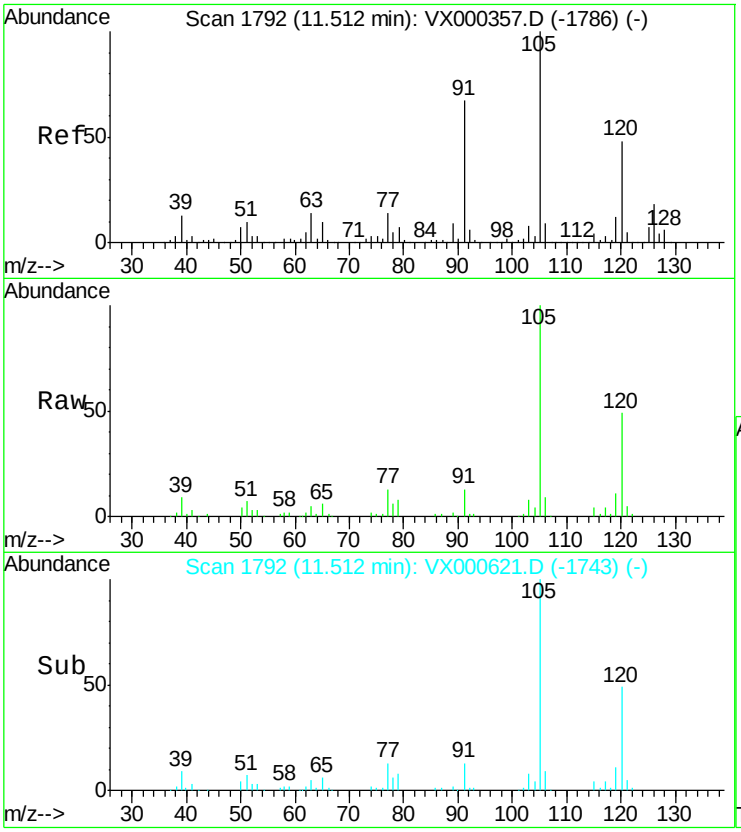


#79
2-Chlorotoluene
Concen: 3.004 ug/l
RT: 11.44 min Scan# 1780
Delta R.T. 0.01 min
Lab File: VX000621.D
Acq: 01 Apr 2018 04:03

Tgt Ion: 91 Resp: 14057

Ion	Ratio	Lower	Upper
91	100		
126	0.0	17.7	53.1#



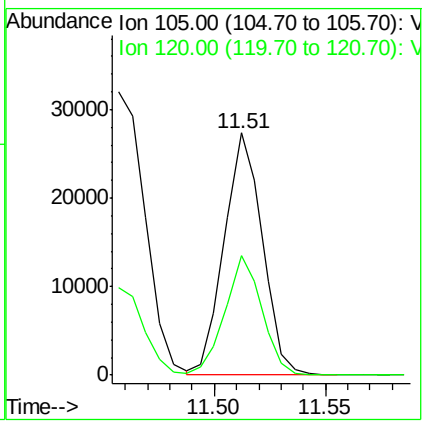


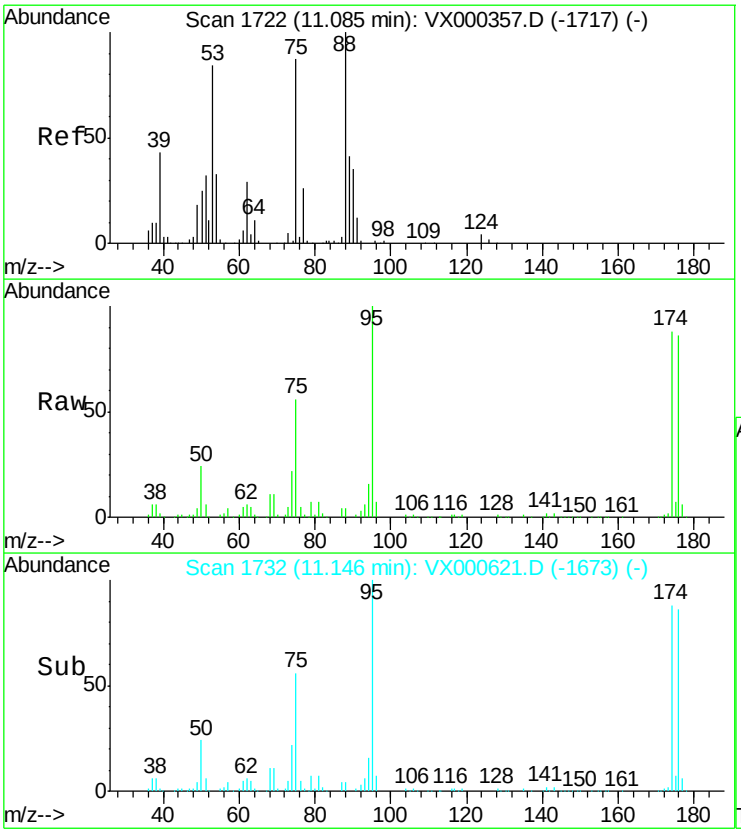
#80
1,3,5-Trimethylbenzene
Concen: 5.722 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX000621.D
Acq: 01 Apr 2018 04:03

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:105 Resp: 32685

Ion	Ratio	Lower	Upper
105	100		
120	47.7	24.1	72.4

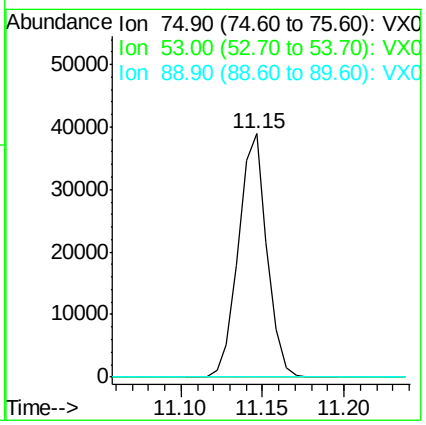


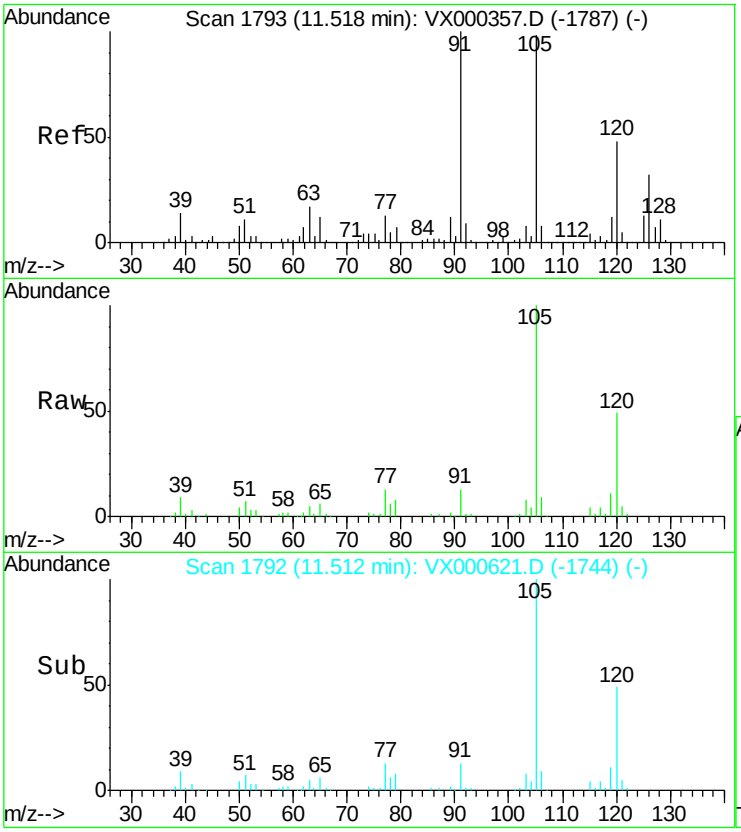


#81
trans-1,4-Dichloro-2-butene
Concen: 69.440 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.06 min
Lab File: VX000621.D
Acq: 01 Apr 2018 04:03

Tgt Ion: 75 Resp: 47260

Ion	Ratio	Lower	Upper
75	100		
53	0.0	80.7	121.1#
89	0.0	39.4	59.0#



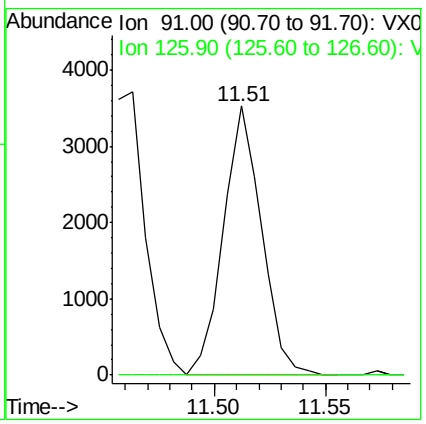


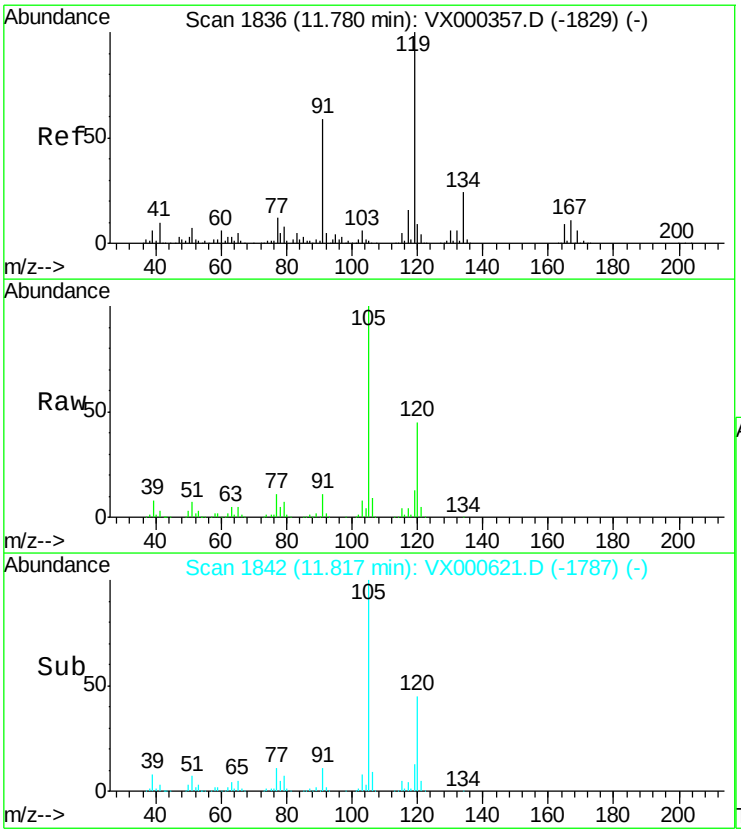
#82
4-Chlorotoluene
Concen: 0.750 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.01 min
Lab File: VX000621.D
Acq: 01 Apr 2018 04:03

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 91 Resp: 4192

Ion	Ratio	Lower	Upper
91	100		
126	0.0	15.4	46.1#

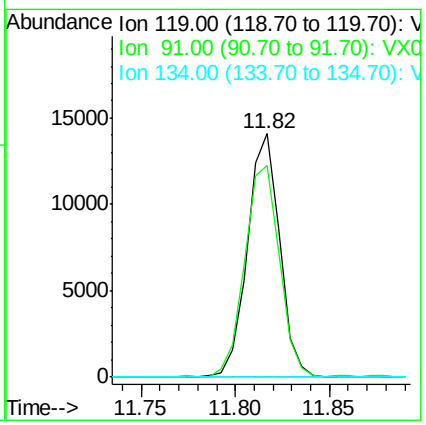


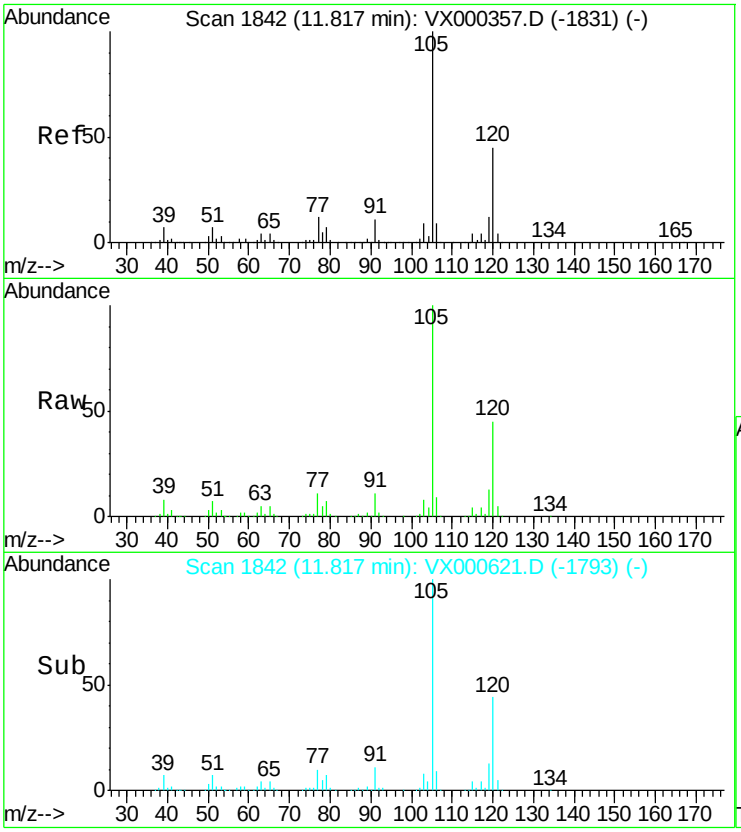


#83
tert-Butylbenzene
Concen: 2.895 ug/l
RT: 11.82 min Scan# 1842
Delta R.T. 0.04 min
Lab File: VX000621.D
Acq: 01 Apr 2018 04:03

Tgt Ion:119 Resp: 16678

Ion	Ratio	Lower	Upper
119	100		
91	93.8	28.8	86.4#
134	0.2	11.4	34.1#



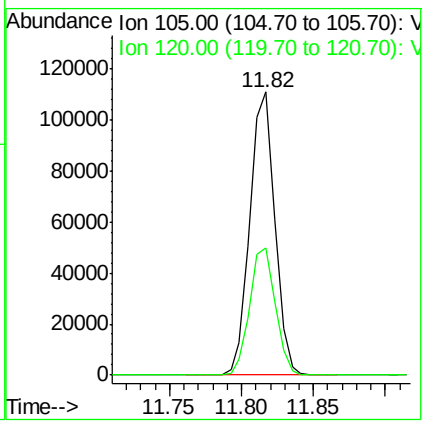


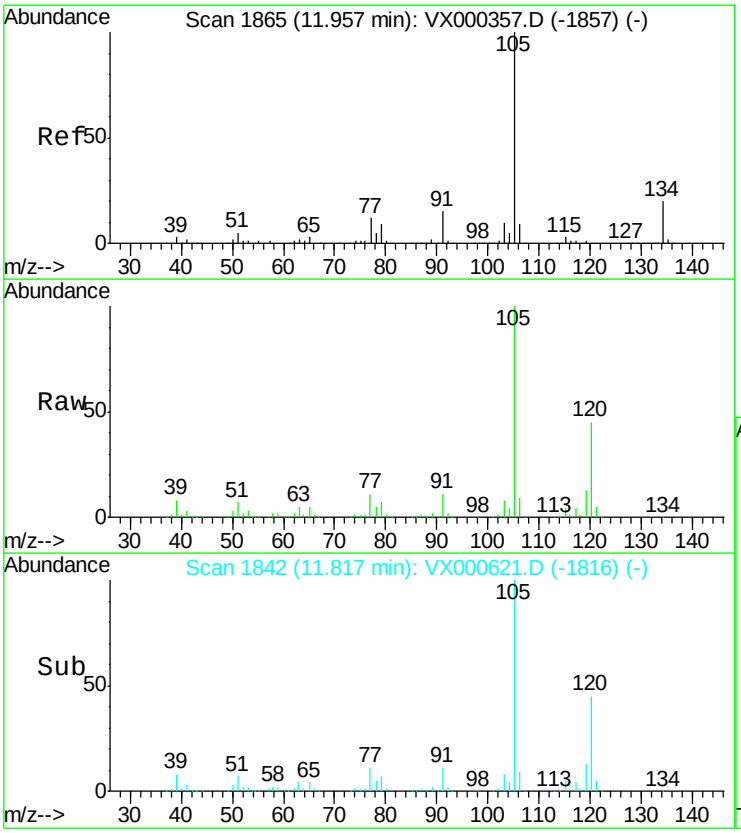
#84
1,2,4-Trimethylbenzene
Concen: 22.108 ug/l
RT: 11.82 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX000621.D
Acq: 01 Apr 2018 04:03

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:105 Resp: 132395

Ion	Ratio	Lower	Upper
105	100		
120	46.2	22.4	67.3

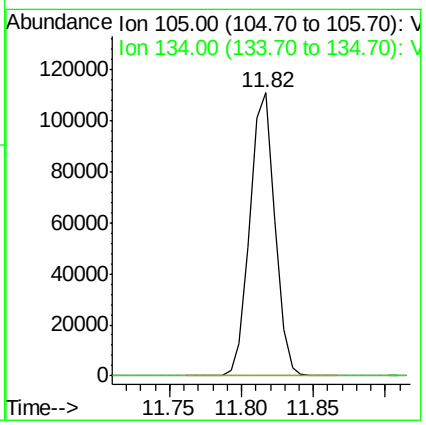


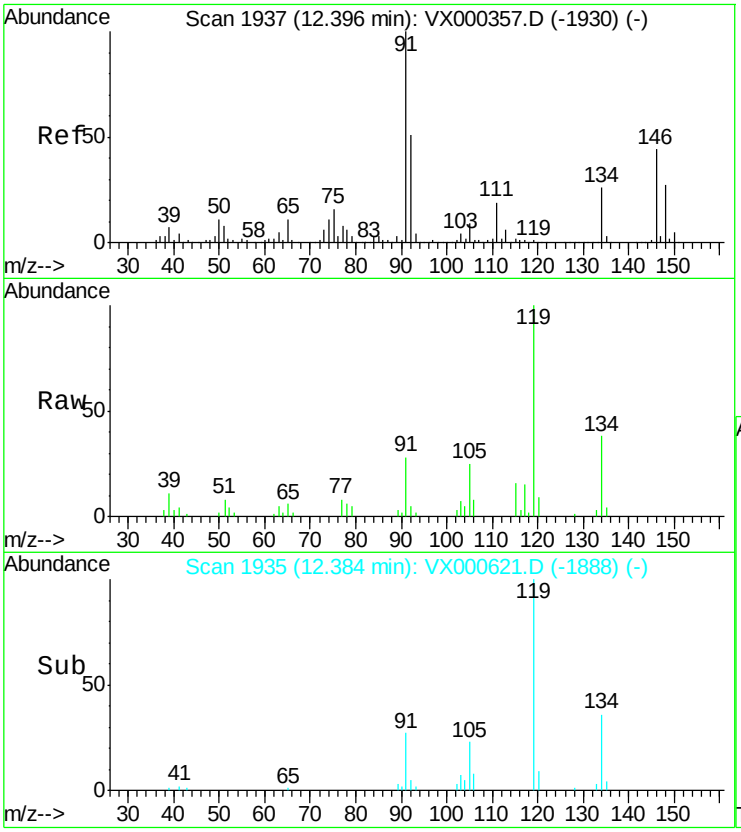


#85
sec-Butylbenzene
Concen: 18.574 ug/l
RT: 11.82 min Scan# 1842
Delta R.T. -0.14 min
Lab File: VX000621.D
Acq: 01 Apr 2018 04:03

Tgt Ion:105 Resp: 132395

Ion	Ratio	Lower	Upper
105	100		
134	0.0	10.3	30.8#



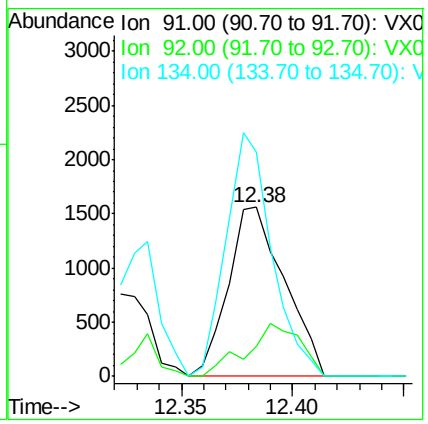


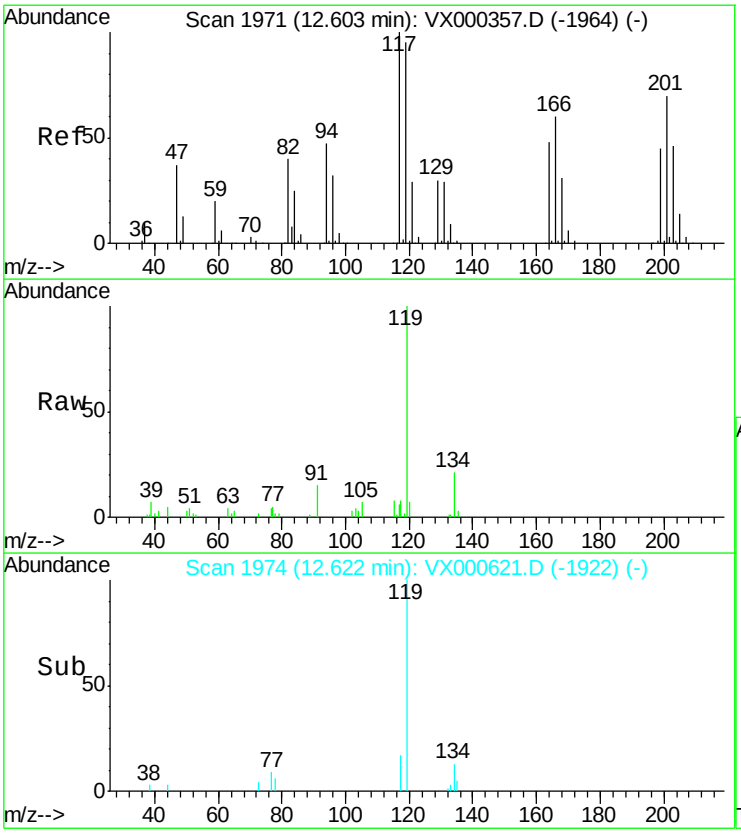
#89
n-Butylbenzene
Concen: 0.467 ug/l
RT: 12.38 min Scan# 1935
Delta R.T. -0.01 min
Lab File: VX000621.D
Acq: 01 Apr 2018 04:03

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 91 Resp: 2752

Ion	Ratio	Lower	Upper
91	100		
92	29.7	25.9	77.8
134	117.0	13.1	39.3#

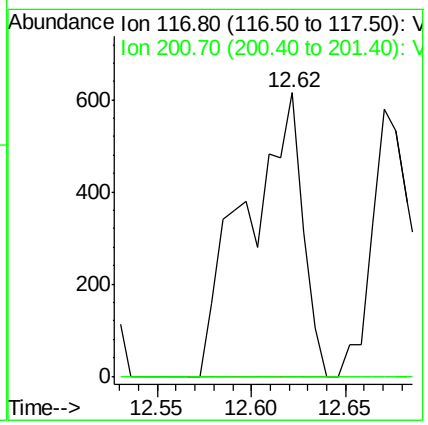


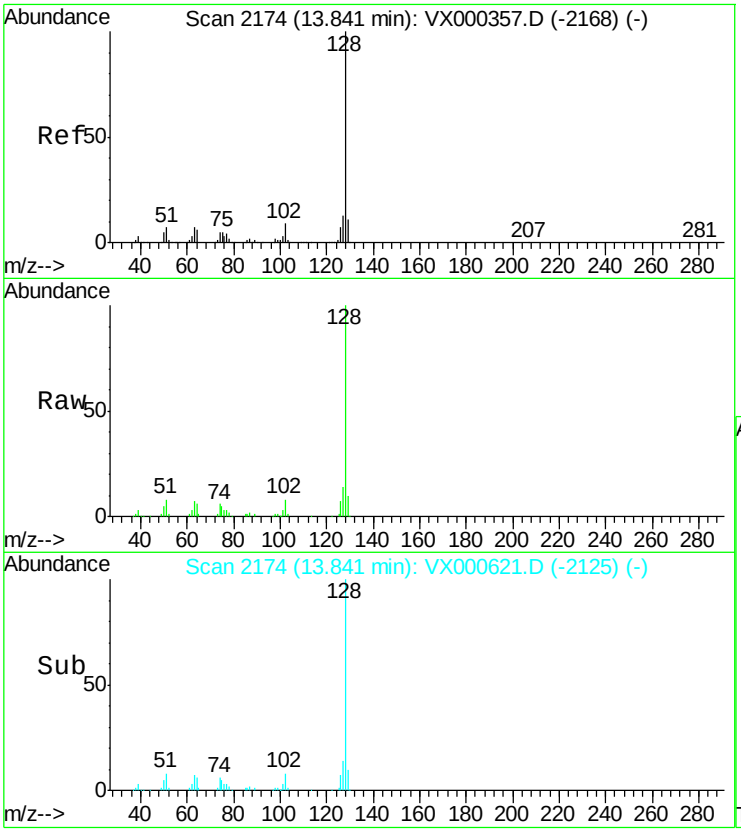


#90
Hexachloroethane
Concen: 1.287 ug/l
RT: 12.62 min Scan# 1974
Delta R.T. 0.02 min
Lab File: VX000621.D
Acq: 01 Apr 2018 04:03

Tgt Ion:117 Resp: 1282

Ion	Ratio	Lower	Upper
117	100		
201	0.0	37.9	113.6#





#95
Naphthalene
Concen: 5.808 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX000621.D
Acq: 01 Apr 2018 04:03

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 48659

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.6	15.8
129	10.5	8.9	13.3