Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX032218\

Quantitation Report (Not Reviewed)

Data File : VX000404.D
Acq On : 22 Mar 2018 14:22
Operator : JC/MD
Sample : J2002-03 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : TP-4-MH-B

Quant Time: Mar 23 05:43:24 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	94787	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	161447	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	149836	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	68718	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.08	65	65951	53.30	ug/l		0.00
Spiked Amount 50.000			Recovery = 106.60%				
35) Dibromofluoromethane	5.51	113	51166	50.30	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.60%				
50) Toluene-d8	8.73	98	201632	47.86	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.72%				
62) 4-Bromofluorobenzene	11.15	95	62810	37.10	ug/l		0.00
Spiked Amount 50.000			Recovery = 74.20%				
Target Compounds							Qvalue
5) Bromomethane	1.65	94	248	0.22	ug/l	#	52
6) Chloroethane	1.70	64	162	Below Cal		#	44
10) Methyl Iodide	2.52	142	117	4.37	ug/l	#	58
13) Acrolein	2.30	56	42	14.87	ug/l		97
15) Acrylonitrile	3.15	53	369	0.43	ug/l		86
16) Acetone	2.45	43	3865	3.76	ug/l		90
17) Carbon Disulfide	2.57	76	701	0.27	ug/l		97
20) Methylene Chloride	2.87	84	2558	2.15	ug/l		89
25) 2-Butanone	4.71	43	516	0.45	ug/l	#	49
31) Cyclohexane	5.59	56	345	0.22	ug/l	#	81
36) 1,1-Dichloropropene	5.68	75	7398	4.89	ug/l	#	50
38) Carbon Tetrachloride	5.68	117	9223	5.81	ug/l	#	14
52) Toluene	8.79	92	1620	0.53	ug/l		93
60) Dibromochloromethane	9.34	129	96	4.18	ug/l	#	12
67) Ethyl Benzene	10.26	91	3079	0.54	ug/l		97
68) m/p-Xylenes	10.37	106	2535	1.14	ug/l		89
69) o-Xylene	10.71	106	1087	0.50	ug/l		95
70) Styrene	10.72	104	1124	0.32	ug/l		90
74) N-amyl acetate	6.47	43	489	Below Cal		#	59
76) 1,2,3-Trichloropropane	11.15	75	36348	24.61	ug/l	#	35
79) 2-Chlorotoluene	11.44	91	692	0.22	ug/l	#	39
80) 1,3,5-Trimethylbenzene	11.51	105	1504	0.39	ug/l		89
81) trans-1,4-Dichloro-2-buten	11.15	75	36348	79.68	ug/l	#	9
84) 1,2,4-Trimethylbenzene	11.82	105	5229	1.30	ug/l		99
88) 1,4-Dichlorobenzene	12.10	146	540	0.22	ug/l	#	76
89) n-Butylbenzene	12.39	91	796	0.20	ug/l	#	75
93) 1,2,4-Trichlorobenzene	13.65	180	1356	0.84	ug/l		98
95) Naphthalene	13.84	128	83169	14.81	ug/l		99
96) 1,2,3-Trichlorobenzene	14.03	180	489	0.31	ug/l		81

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

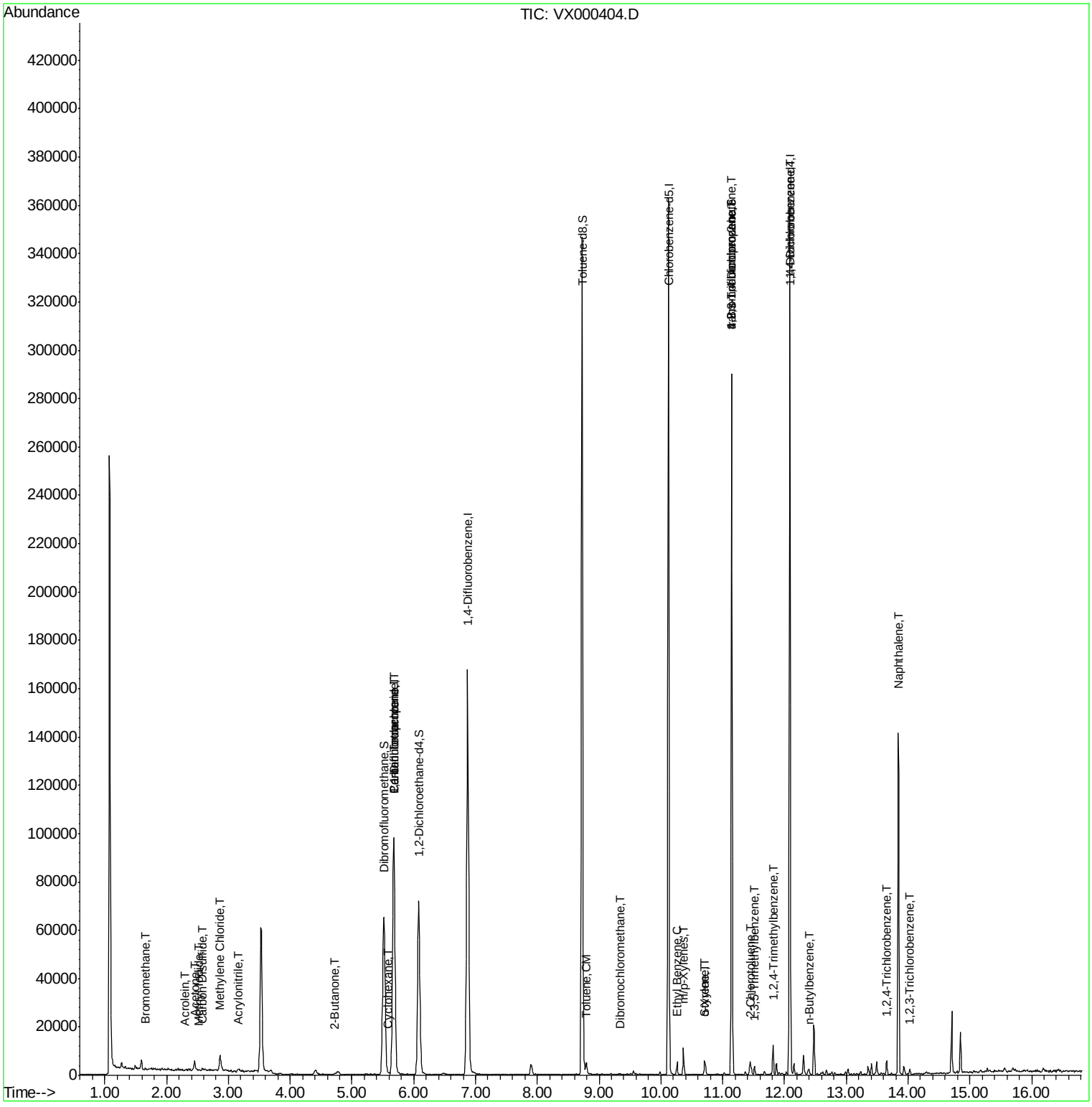
Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX032218\

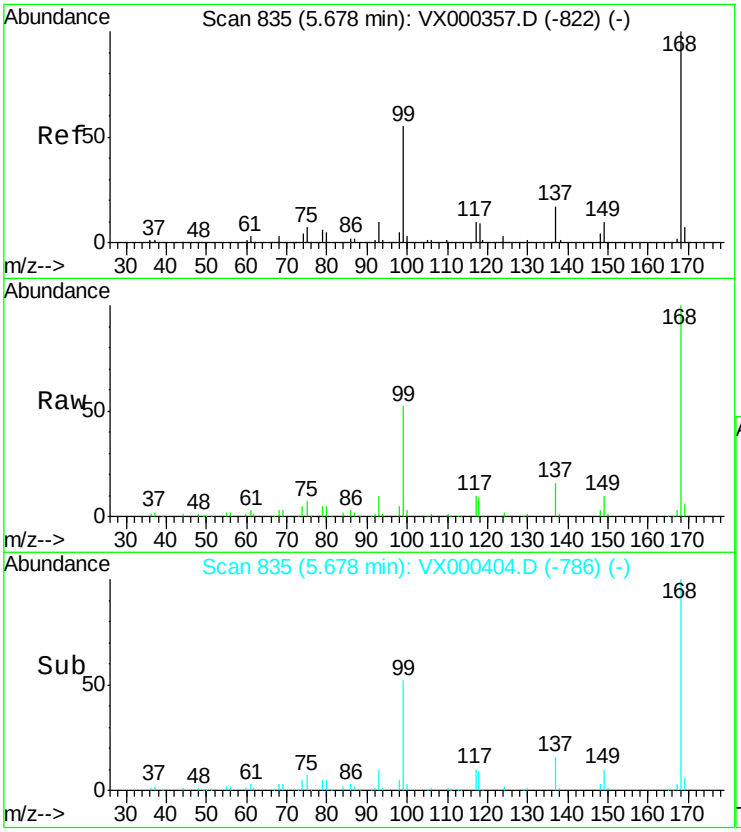
Quantitation Report (Not Reviewed)

Data File : VX000404.D
Acq On : 22 Mar 2018 14:22
Operator : JC/MD
Sample : J2002-03 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TP-4-MH-B

Quant Time: Mar 23 05:43:24 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



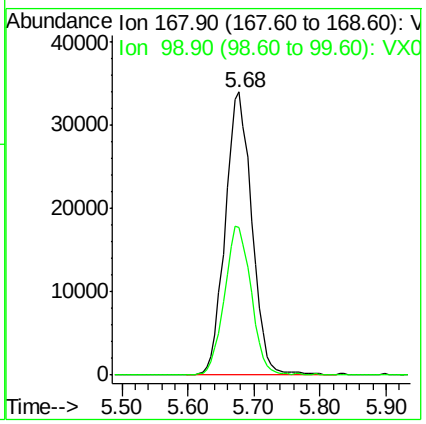


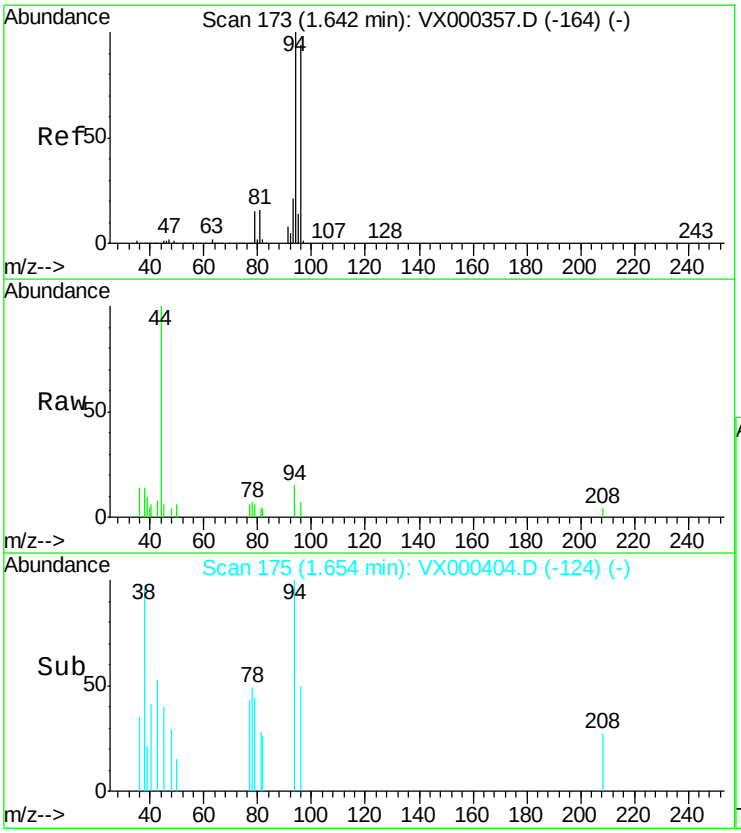
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.68 min Scan# 835
Delta R.T. -0.00 min
Lab File: VX000404.D
Acq: 22 Mar 2018 14:22

Instrument :
MSVOA_X
ClientSampleId :
TP-4-MH-B

Tgt Ion:168 Resp: 94787

Ion	Ratio	Lower	Upper
168	100		
99	52.3	45.8	68.6

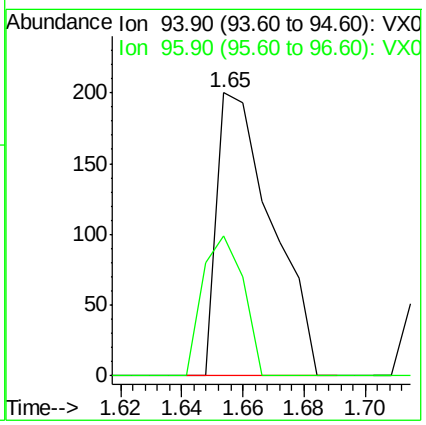


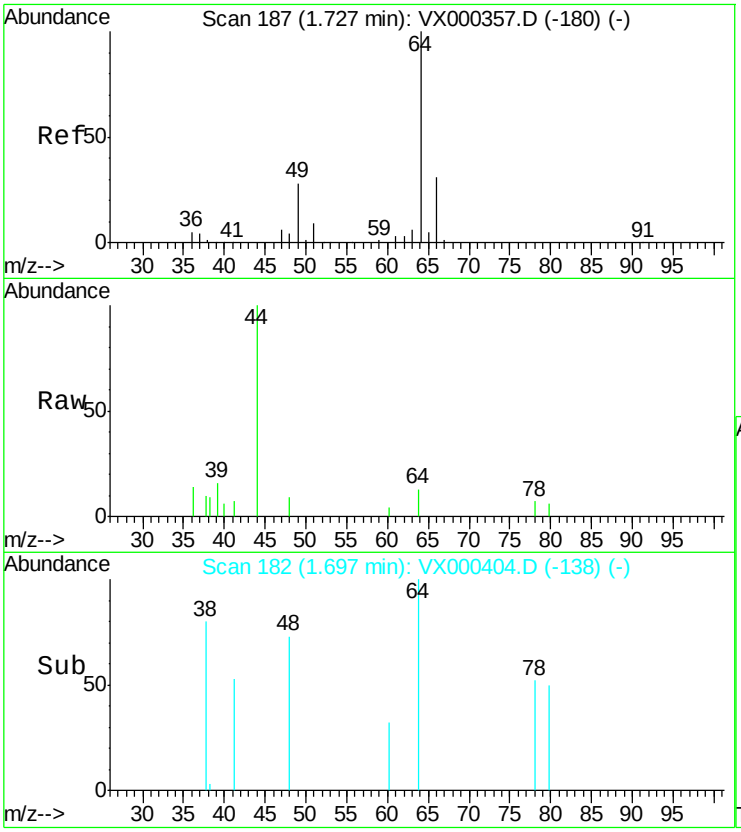


#5
Bromomethane
Concen: 0.22 ug/l
RT: 1.65 min Scan# 175
Delta R.T. 0.01 min
Lab File: VX000404.D
Acq: 22 Mar 2018 14:22

Tgt Ion: 94 Resp: 248

Ion	Ratio	Lower	Upper
94	100		
96	49.5	77.7	116.5#



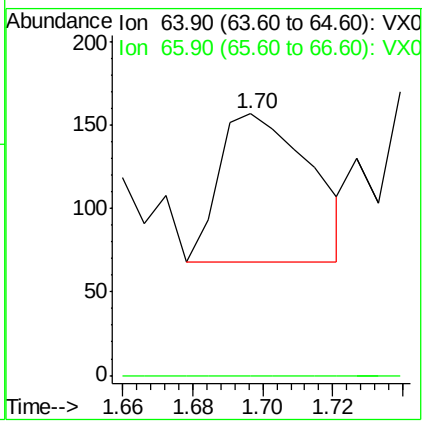


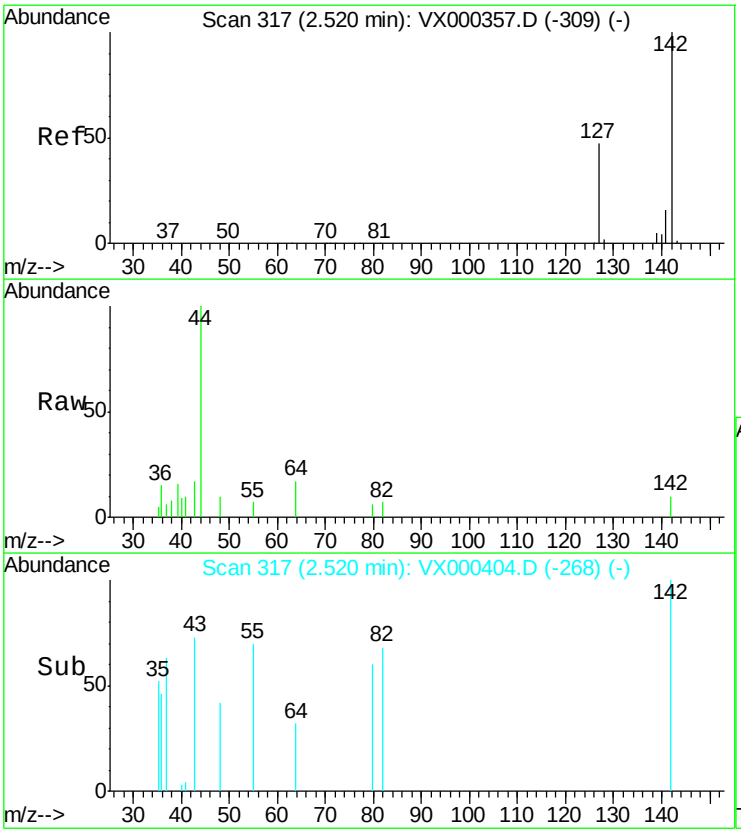
#6
Chloroethane
Concen: Below Cal
RT: 1.70 min Scan# 182
Delta R.T. -0.03 min
Lab File: VX000404.D
Acq: 22 Mar 2018 14:22

Instrument :
MSVOA_X
ClientSampleId :
TP-4-MH-B

Tgt Ion: 64 Resp: 162

Ion	Ratio	Lower	Upper
64	100		
66	0.0	24.8	37.2#

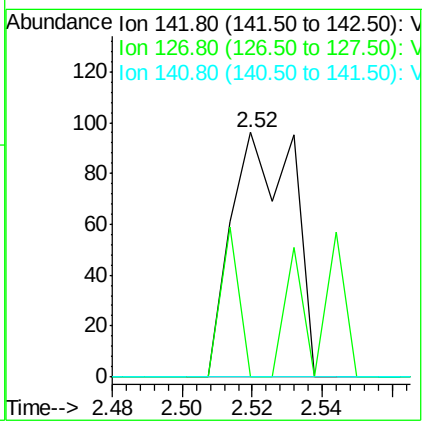


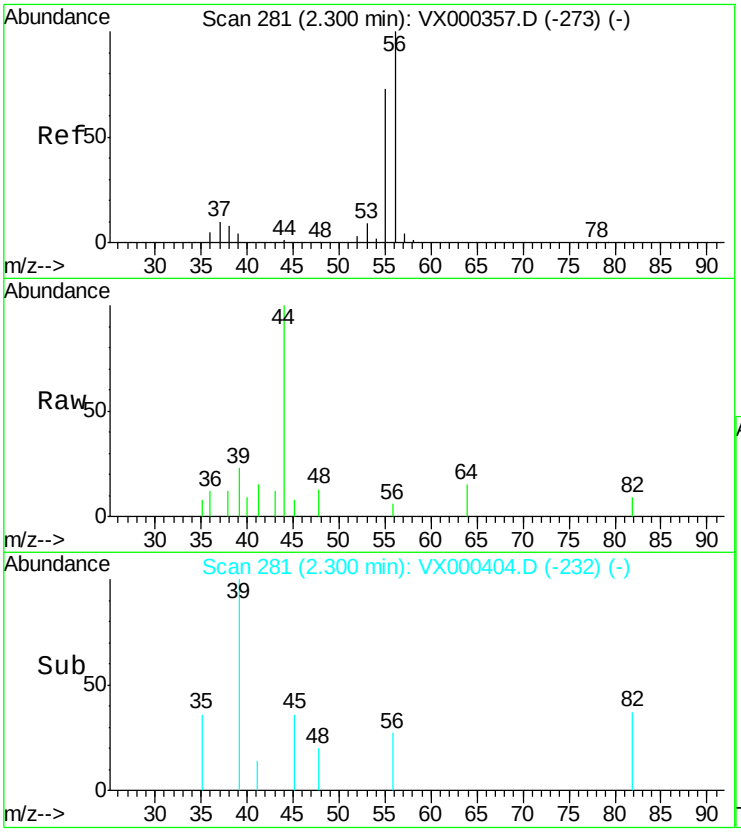


#10
Methyl Iodide
Concen: 4.37 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.00 min
Lab File: VX000404.D
Acq: 22 Mar 2018 14:22

Tgt Ion:142 Resp: 117

Ion	Ratio	Lower	Upper
142	100		
127	18.8	39.2	58.8#
141	0.0	11.7	17.5#



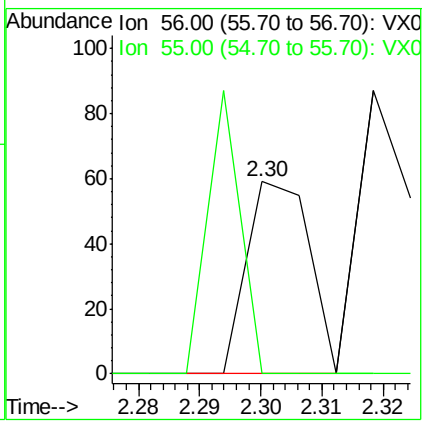


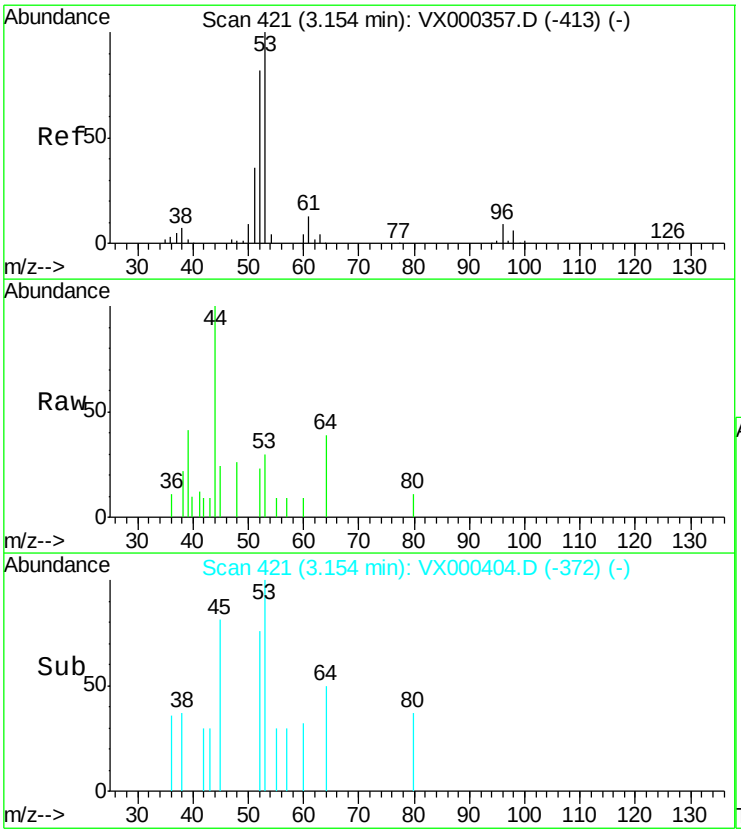
#13
Acrolein
Concen: 14.87 ug/l
RT: 2.30 min Scan# 281
Delta R.T. 0.00 min
Lab File: VX000404.D
Acq: 22 Mar 2018 14:22

Instrument :
MSVOA_X
ClientSampleId :
TP-4-MH-B

Tgt Ion: 56 Resp: 42

Ion	Ratio	Lower	Upper
56	100		
55	76.2	58.8	88.2

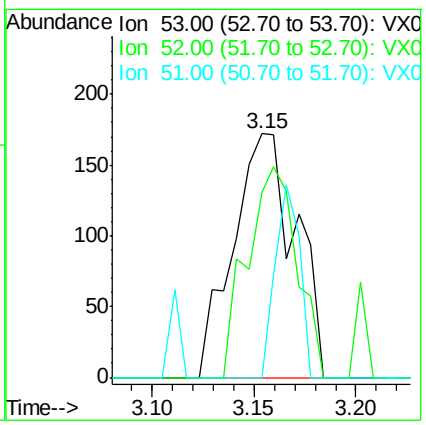


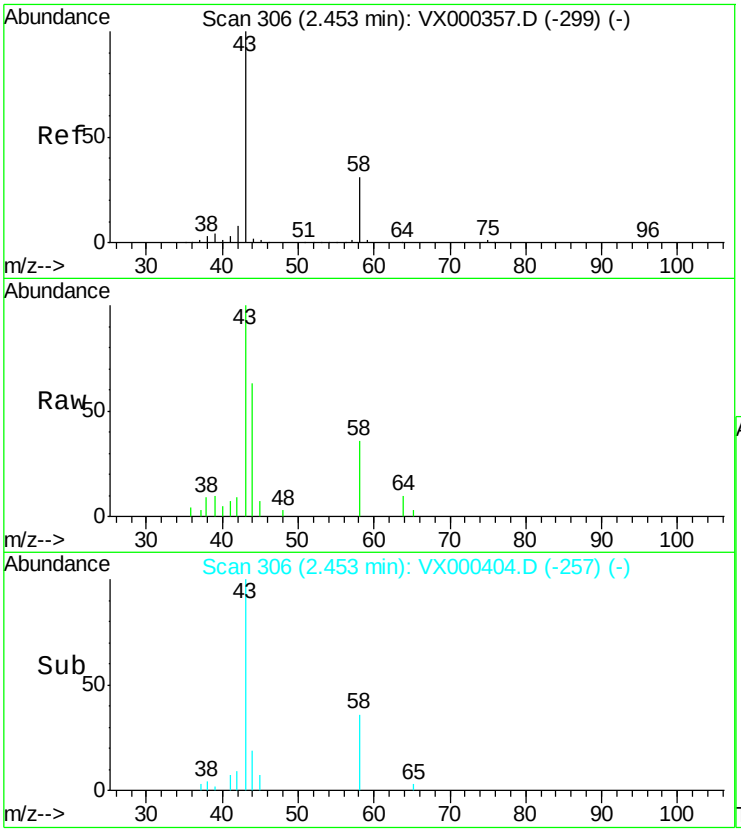


#15
Acrylonitrile
Concen: 0.43 ug/l
RT: 3.15 min Scan# 421
Delta R.T. -0.00 min
Lab File: VX000404.D
Acq: 22 Mar 2018 14:22

Tgt Ion: 53 Resp: 369

Ion	Ratio	Lower	Upper
53	100		
52	68.6	66.6	99.8
51	30.6	29.3	43.9



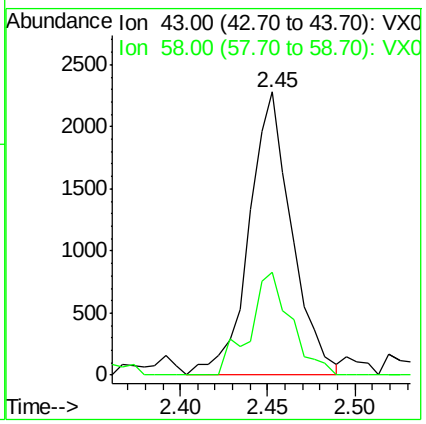


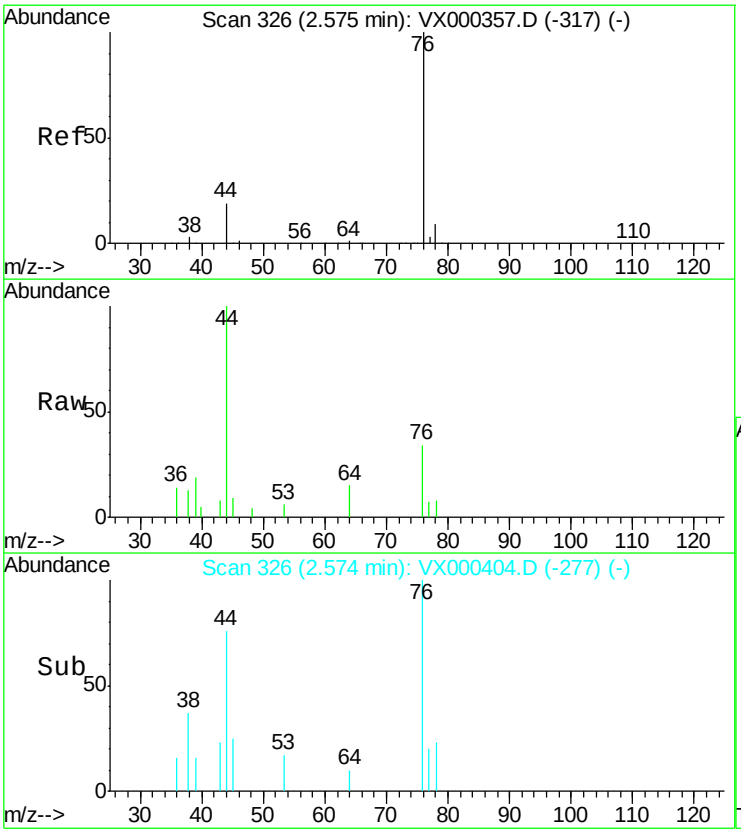
#16
Acetone
Concen: 3.76 ug/l
RT: 2.45 min Scan# 306
Delta R.T. -0.00 min
Lab File: VX000404.D
Acq: 22 Mar 2018 14:22

Instrument :
MSVOA_X
ClientSampleId :
TP-4-MH-B

Tgt Ion: 43 Resp: 3865

Ion	Ratio	Lower	Upper
43	100		
58	36.2	24.7	37.1

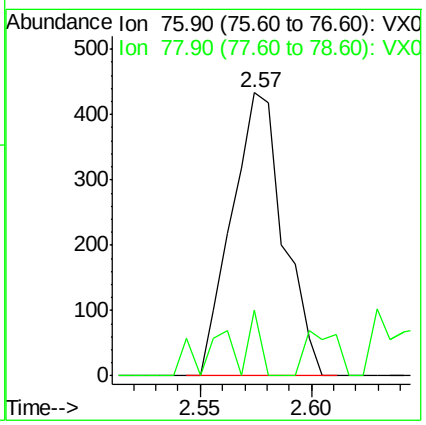


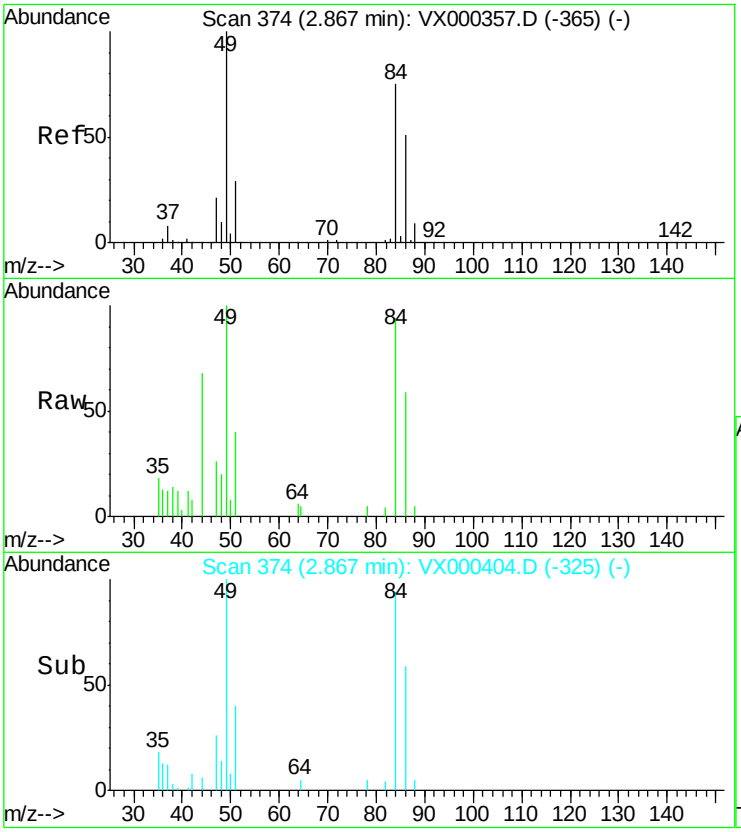


#17
Carbon Disulfide
Concen: 0.27 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX000404.D
Acq: 22 Mar 2018 14:22

Tgt Ion: 76 Resp: 701

Ion	Ratio	Lower	Upper
76	100		
78	9.7	7.0	10.6



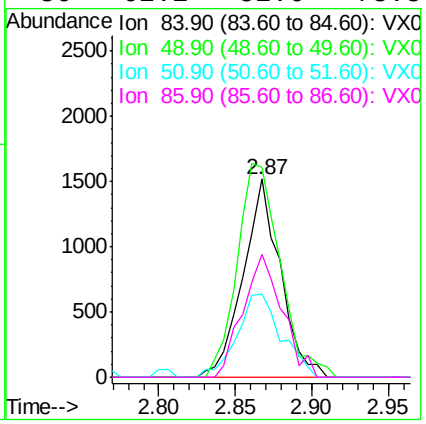


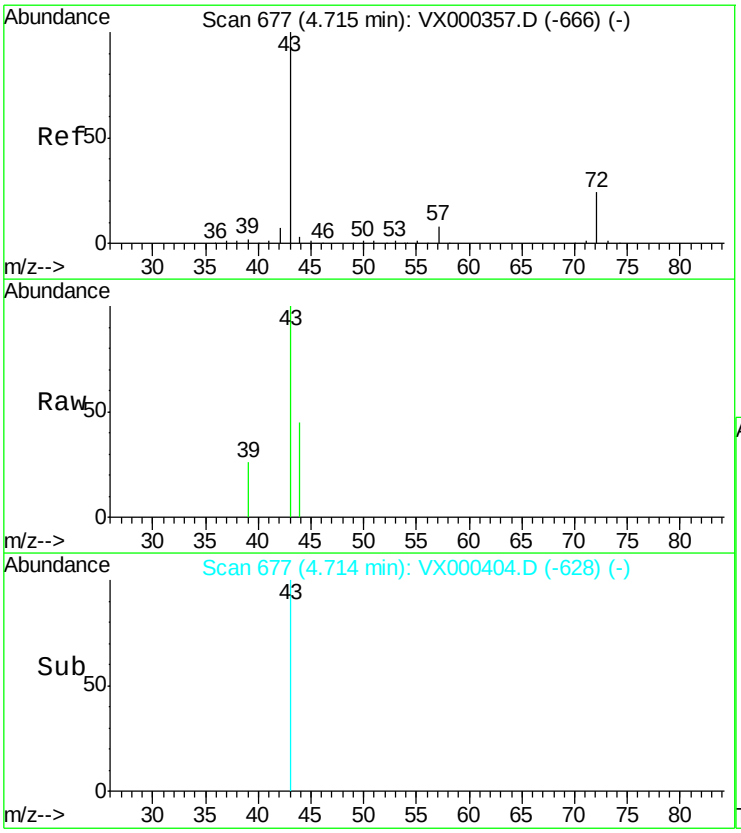
#20
Methylene Chloride
Concen: 2.15 ug/l
RT: 2.87 min Scan# 374
Delta R.T. -0.00 min
Lab File: VX000404.D
Acq: 22 Mar 2018 14:22

Instrument : MSVOA_X
ClientSampleId : TP-4-MH-B

Tgt Ion: 84 Resp: 2558

Ion	Ratio	Lower	Upper
84	100		
49	105.9	100.6	151.0
51	42.1	31.6	47.4
86	62.2	52.6	78.8

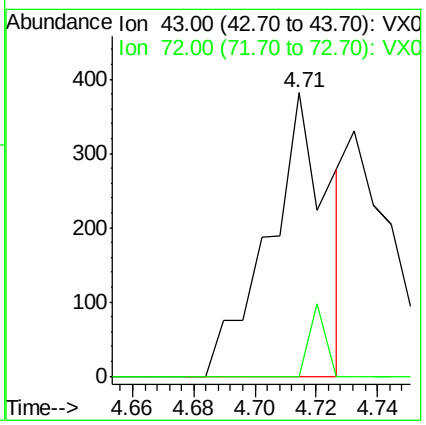


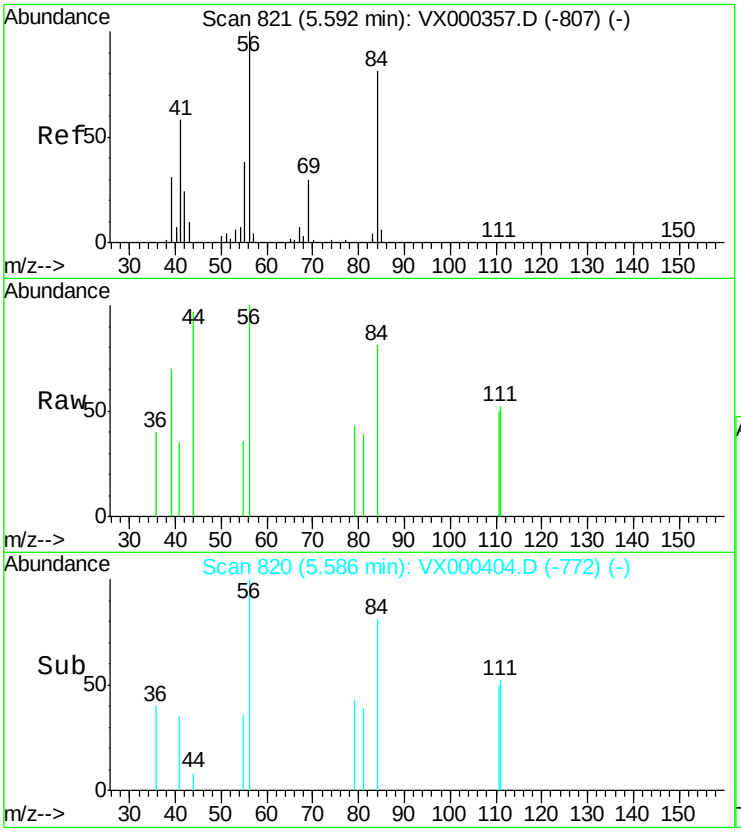


#25
2-Butanone
Concen: 0.45 ug/l
RT: 4.71 min Scan# 677
Delta R.T. -0.00 min
Lab File: VX000404.D
Acq: 22 Mar 2018 14:22

Tgt Ion: 43 Resp: 516

Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.0	31.6#



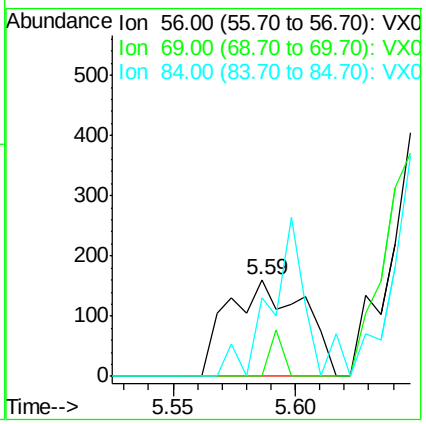


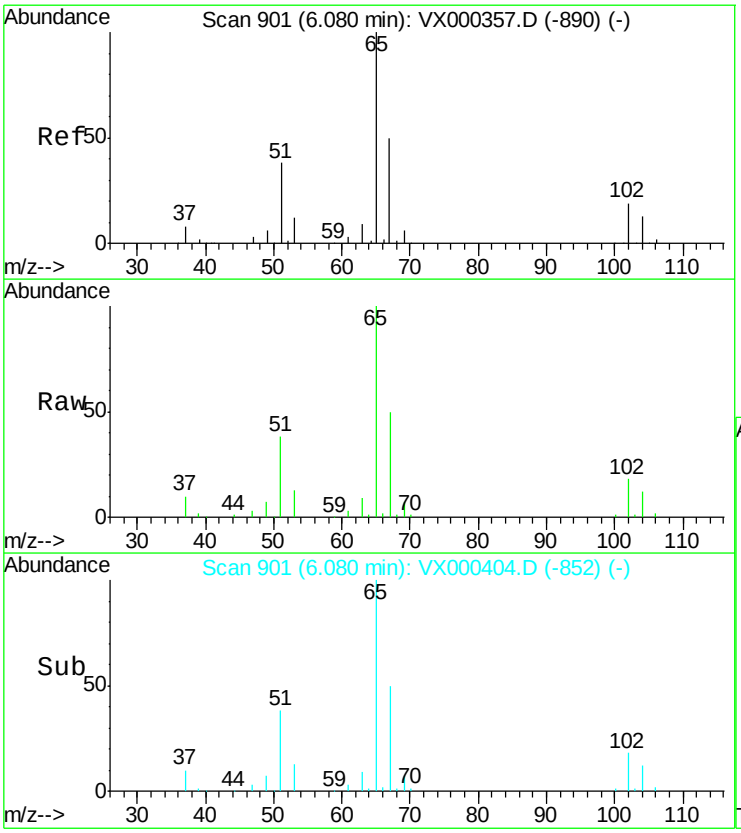
#31
Cyclohexane
Concen: 0.22 ug/l
RT: 5.59 min Scan# 820
Delta R.T. -0.01 min
Lab File: VX000404.D
Acq: 22 Mar 2018 14:22

Instrument :
MSVOA_X
ClientSampleId :
TP-4-MH-B

Tgt Ion: 56 Resp: 345

Ion	Ratio	Lower	Upper
56	100		
69	0.0	23.4	35.0#
84	81.4	71.0	106.4

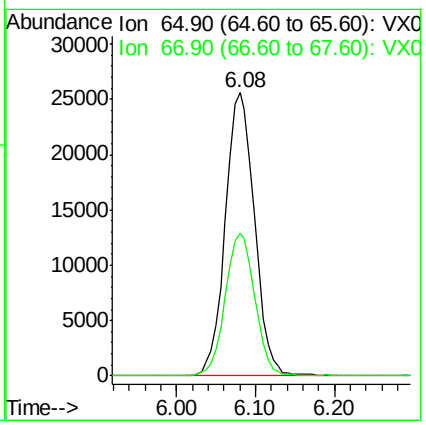


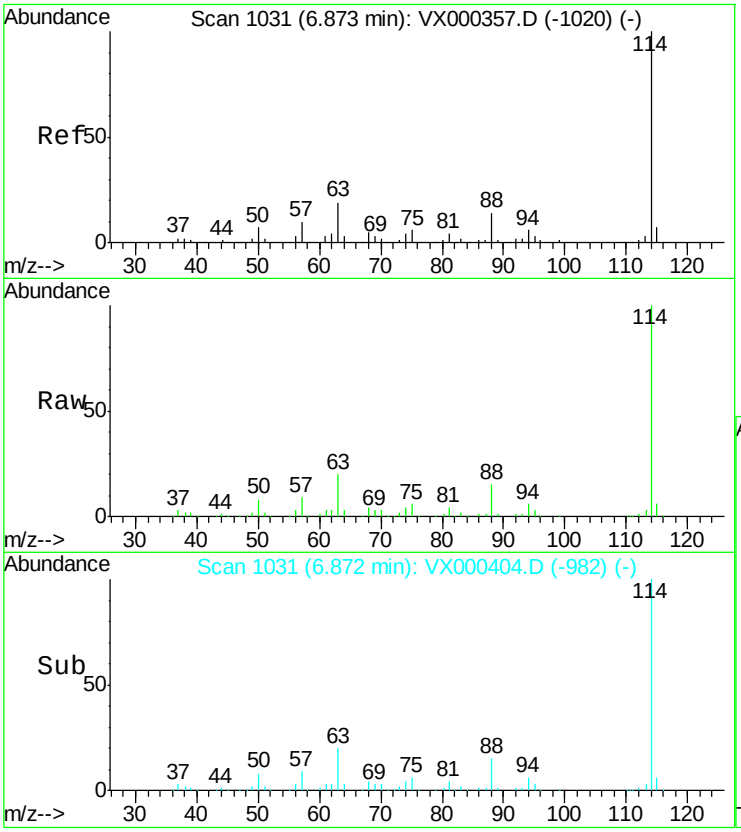


#33
1,2-Dichloroethane-d4
Concen: 53.30 ug/l
RT: 6.08 min Scan# 901
Delta R.T. -0.00 min
Lab File: VX000404.D
Acq: 22 Mar 2018 14:22

Tgt Ion: 65 Resp: 65951

Ion	Ratio	Lower	Upper
65	100		
67	50.9	0.0	103.2



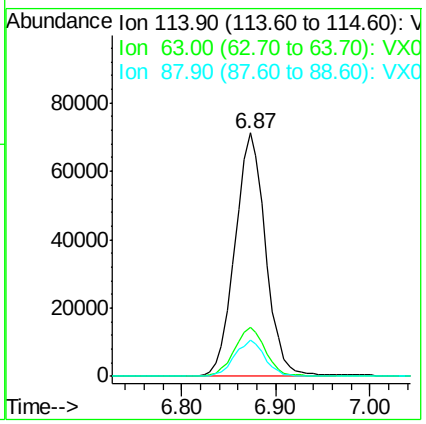


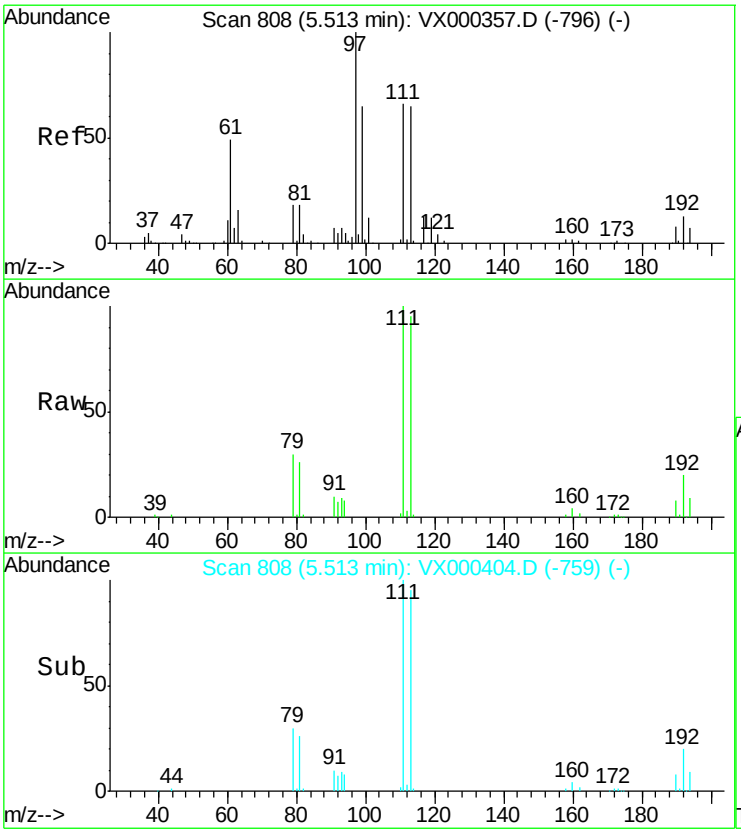
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VX000404.D
Acq: 22 Mar 2018 14:22

Instrument :
MSVOA_X
ClientSampleId :
TP-4-MH-B

Tgt Ion:114 Resp: 161447

Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	38.4
88	14.9	0.0	27.0

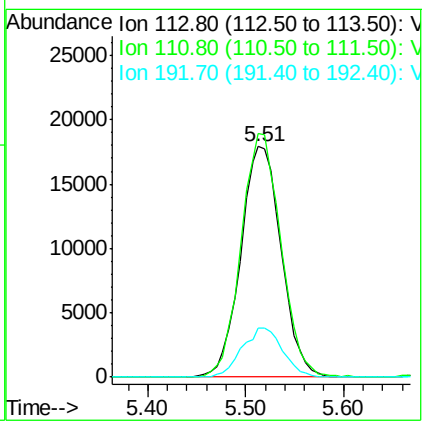


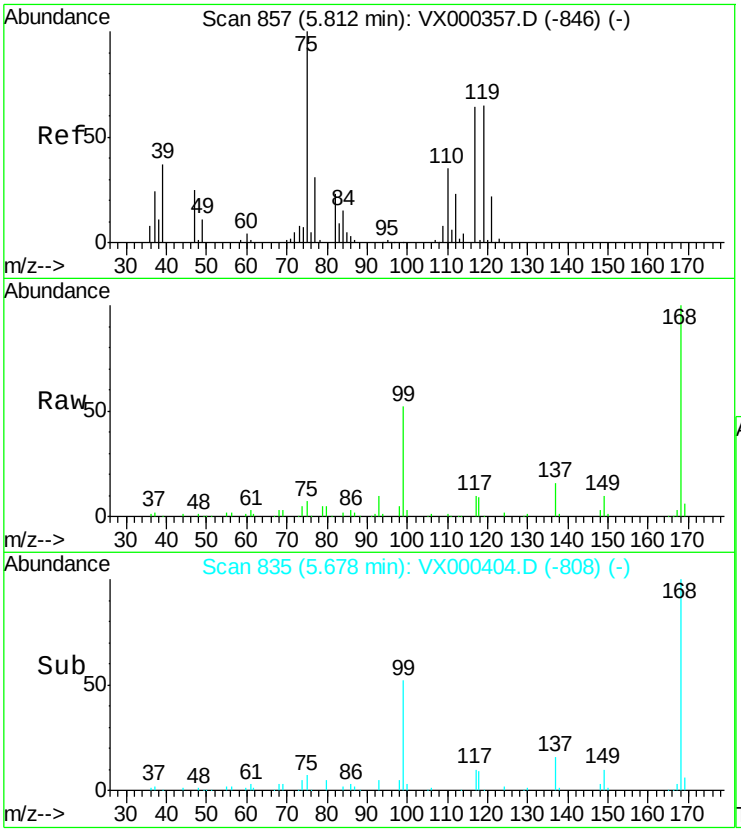


#35
Dibromofluoromethane
Concen: 50.30 ug/l
RT: 5.51 min Scan# 808
Delta R.T. -0.00 min
Lab File: VX000404.D
Acq: 22 Mar 2018 14:22

Tgt Ion:113 Resp: 51166

Ion	Ratio	Lower	Upper
113	100		
111	104.4	82.4	123.6
192	21.5	15.8	23.6



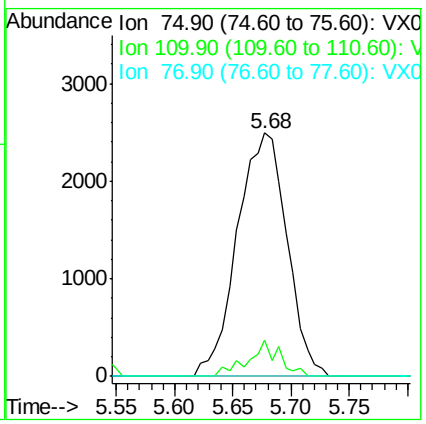


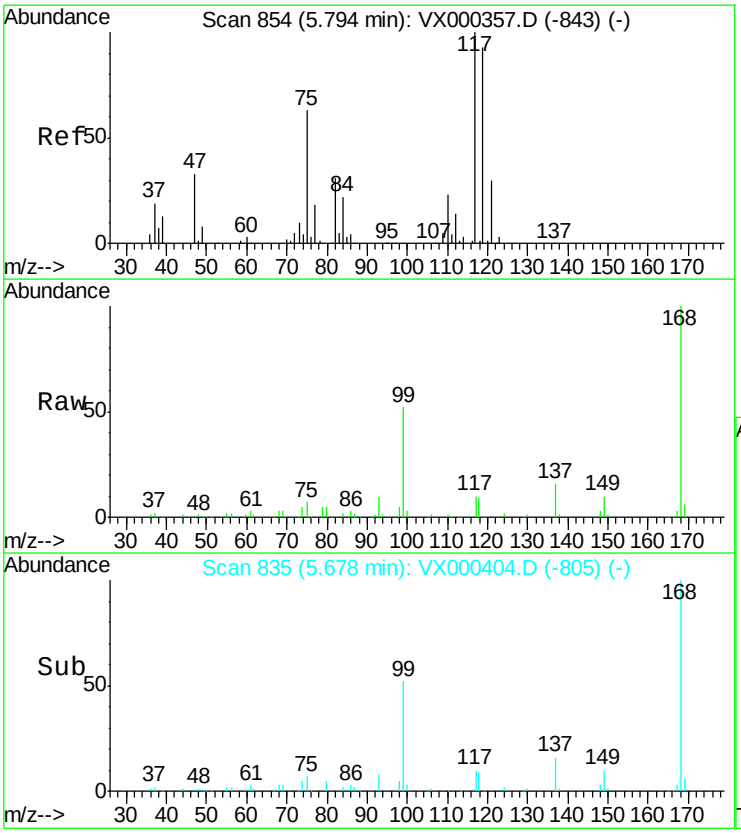
#36
1,1-Dichloropropene
Concen: 4.89 ug/l
RT: 5.68 min Scan# 835
Delta R.T. -0.13 min
Lab File: VX000404.D
Acq: 22 Mar 2018 14:22

Instrument :
MSVOA_X
ClientSampleId :
TP-4-MH-B

Tgt Ion: 75 Resp: 7398

Ion	Ratio	Lower	Upper
75	100		
110	9.4	17.9	53.7#
77	0.0	24.0	36.0#

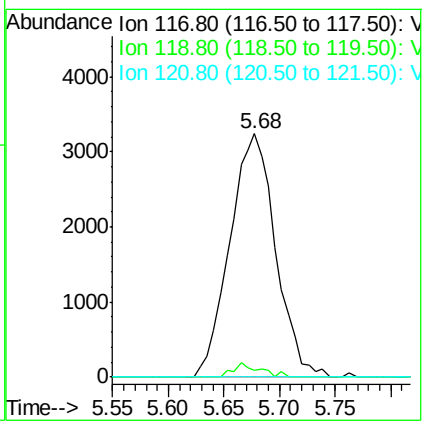


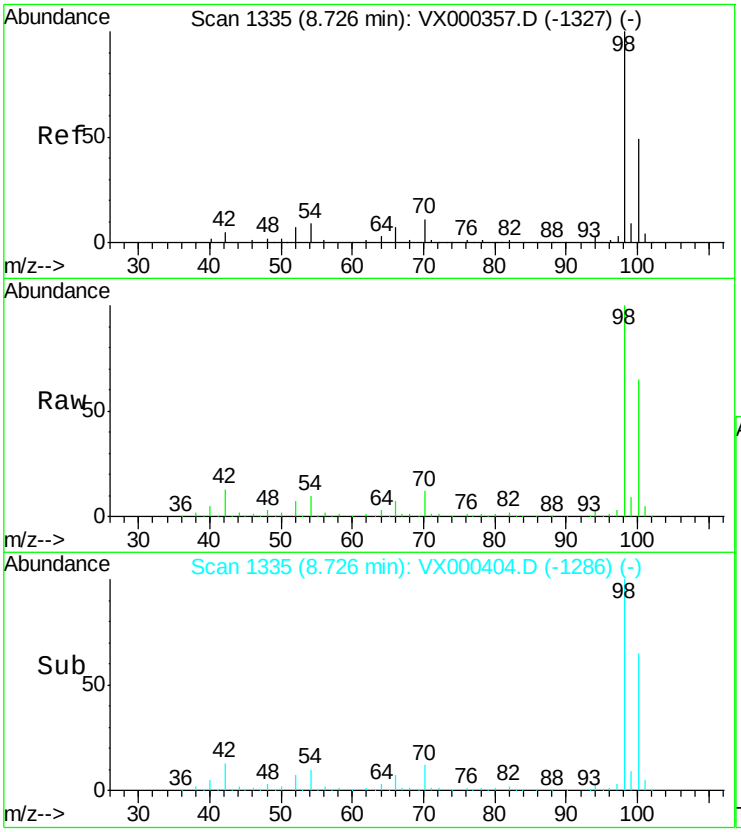


#38
Carbon Tetrachloride
Concen: 5.81 ug/l
RT: 5.68 min Scan# 835
Delta R.T. -0.12 min
Lab File: VX000404.D
Acq: 22 Mar 2018 14:22

Tgt Ion:117 Resp: 9223

Ion	Ratio	Lower	Upper
117	100		
119	2.9	77.4	116.2#
121	0.0	24.8	37.2#



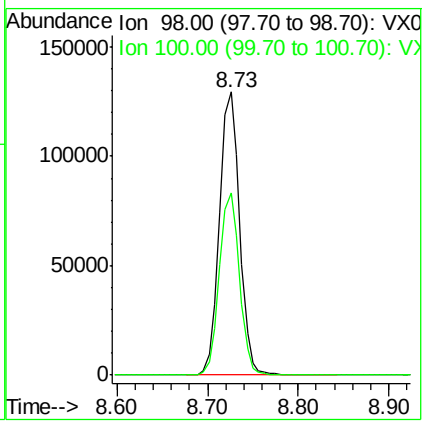


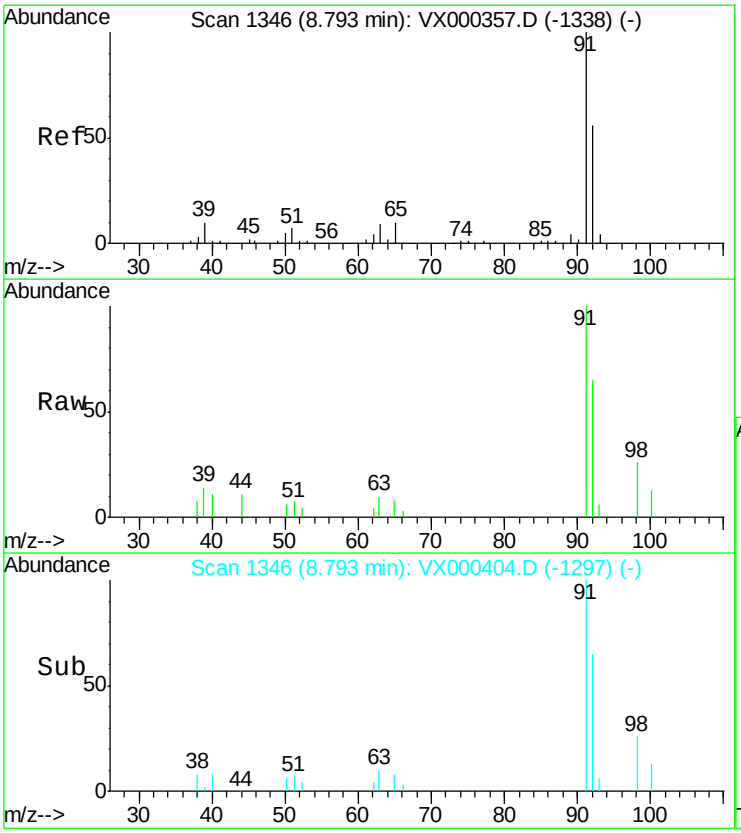
#50
Toluene-d8
Concen: 47.86 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000404.D
Acq: 22 Mar 2018 14:22

Instrument :
MSVOA_X
ClientSampleId :
TP-4-MH-B

Tgt Ion: 98 Resp: 201632

Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.2	76.8

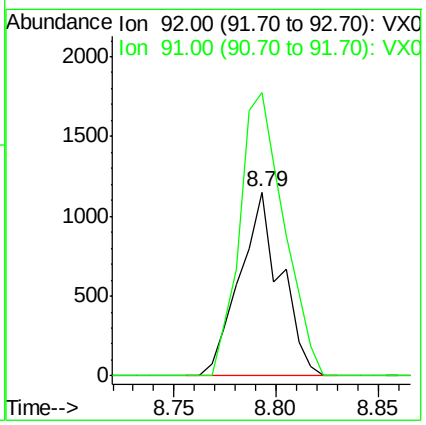


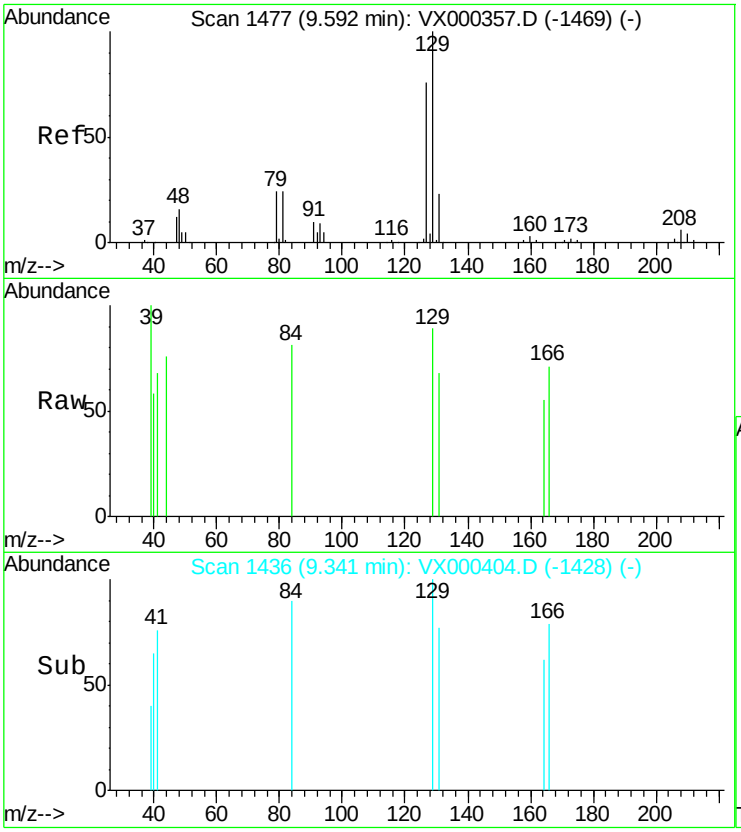


#52
Toluene
Concen: 0.53 ug/l
RT: 8.79 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VX000404.D
Acq: 22 Mar 2018 14:22

Tgt Ion: 92 Resp: 1620

Ion	Ratio	Lower	Upper
92	100		
91	165.4	140.2	210.2



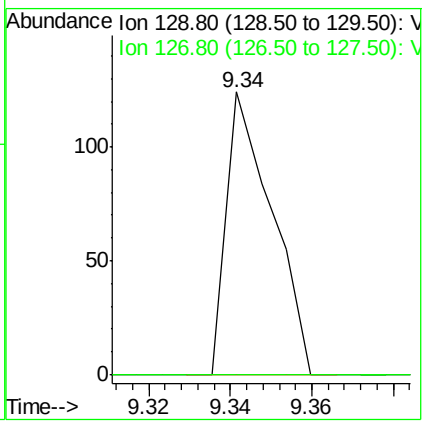


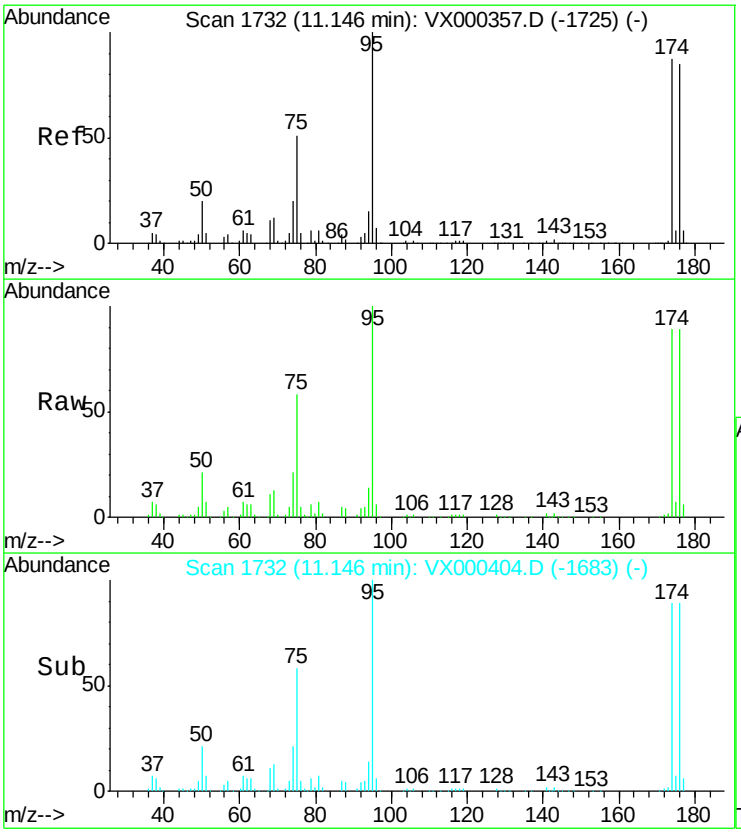
#60
Dibromochloromethane
Concen: 4.18 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.25 min
Lab File: VX000404.D
Acq: 22 Mar 2018 14:22

Instrument :
MSVOA_X
ClientSampleId :
TP-4-MH-B

Tgt Ion:129 Resp: 96

Ion	Ratio	Lower	Upper
129	100		
127	0.0	37.9	113.6#

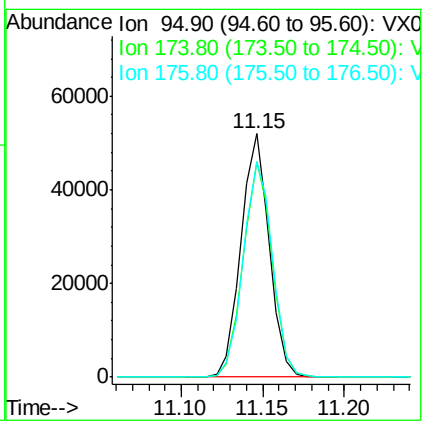


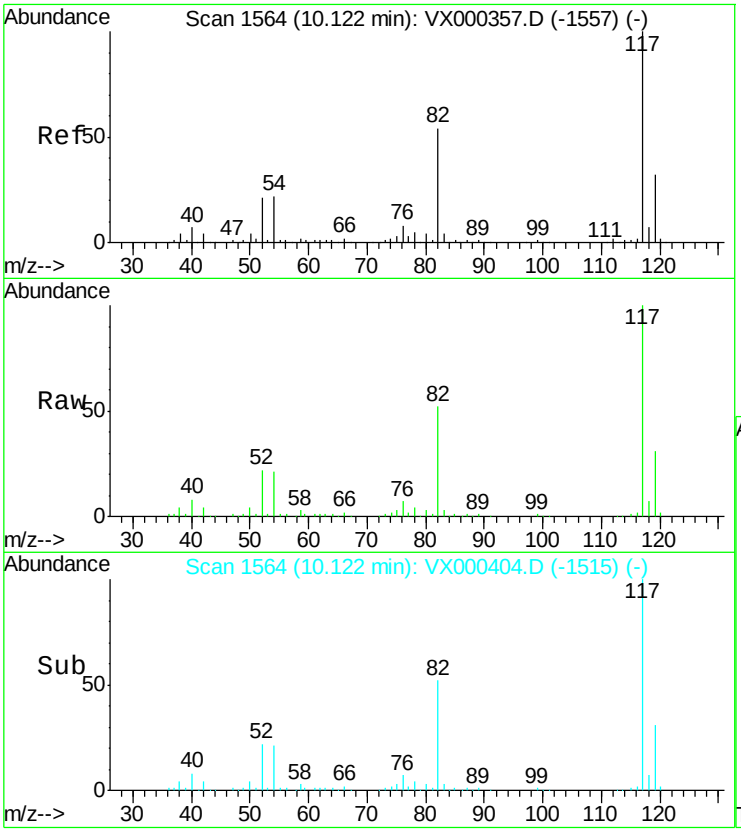


#62
4-Bromofluorobenzene
Concen: 37.10 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VX000404.D
Acq: 22 Mar 2018 14:22

Tgt Ion: 95 Resp: 62810

Ion	Ratio	Lower	Upper
95	100		
174	90.3	0.0	173.6
176	91.5	0.0	164.6



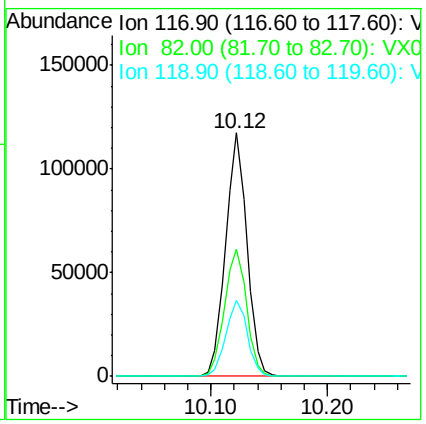


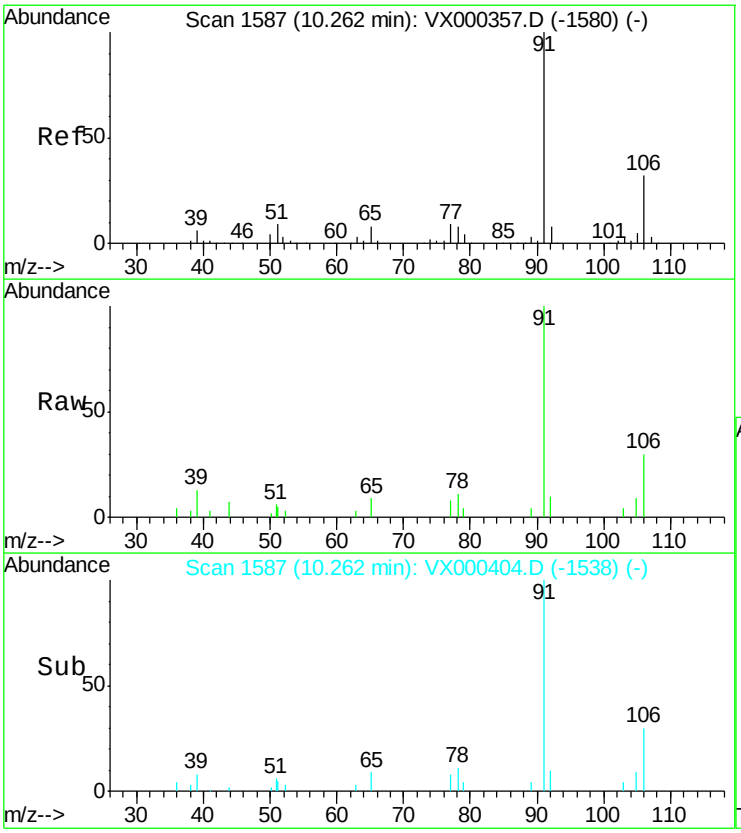
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000404.D
Acq: 22 Mar 2018 14:22

Instrument :
MSVOA_X
ClientSampleId :
TP-4-MH-B

Tgt Ion:117 Resp: 149836

Ion	Ratio	Lower	Upper
117	100		
82	52.0	43.8	65.8
119	31.2	24.9	37.3

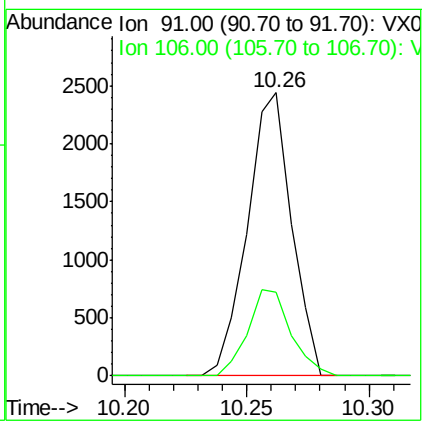


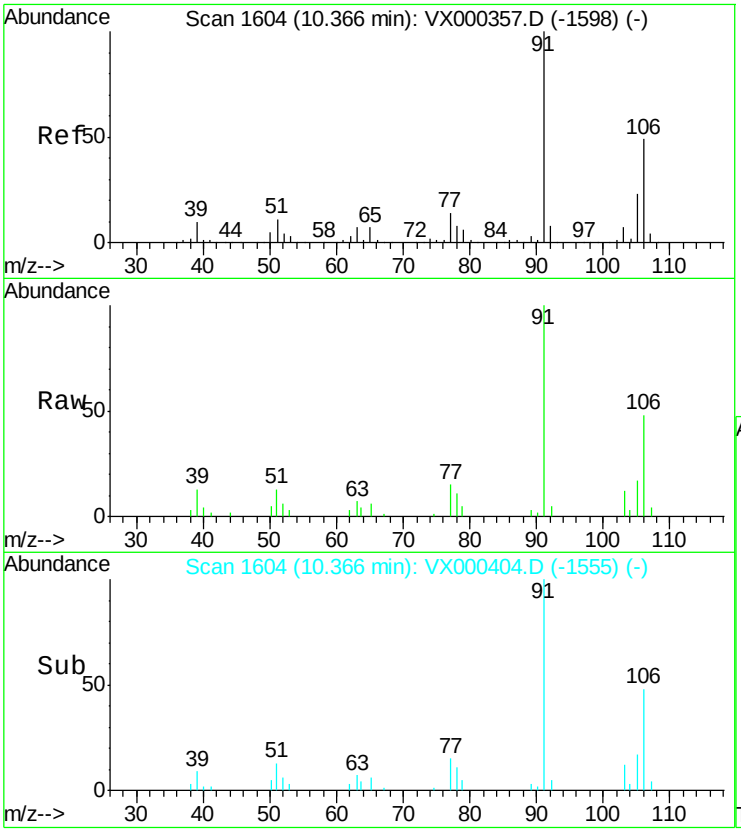


#67
Ethyl Benzene
Concen: 0.54 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. -0.00 min
Lab File: VX000404.D
Acq: 22 Mar 2018 14:22

Tgt Ion: 91 Resp: 3079

Ion	Ratio	Lower	Upper
91	100		
106	29.5	25.0	37.6



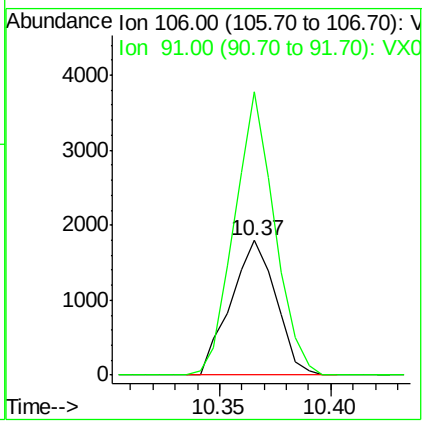


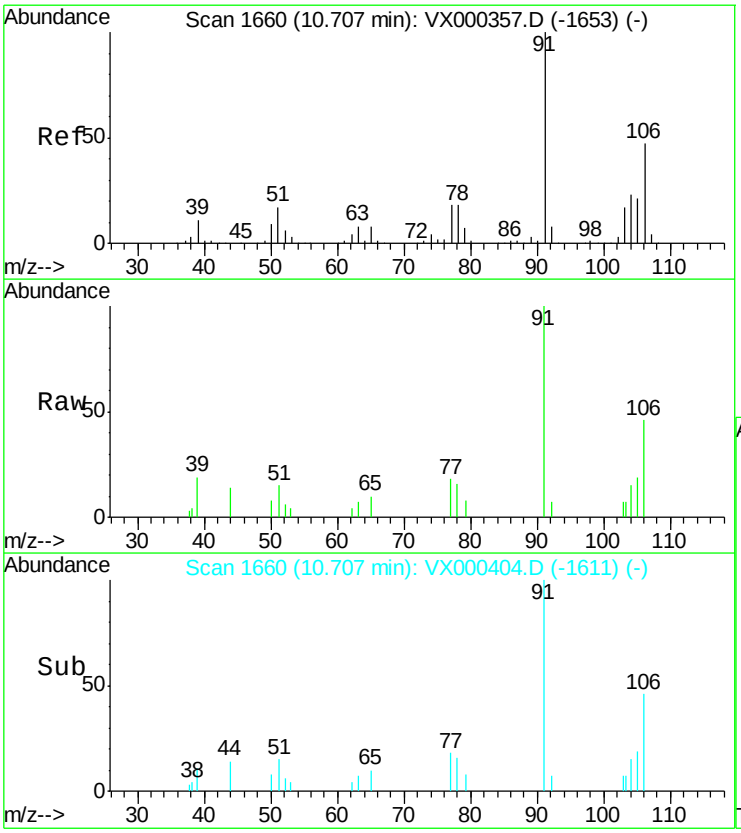
#68
m/p-Xylenes
Concen: 1.14 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000404.D
Acq: 22 Mar 2018 14:22

Instrument :
MSVOA_X
ClientSampleId :
TP-4-MH-B

Tgt Ion:106 Resp: 2535

Ion	Ratio	Lower	Upper
106	100		
91	187.8	163.4	245.2

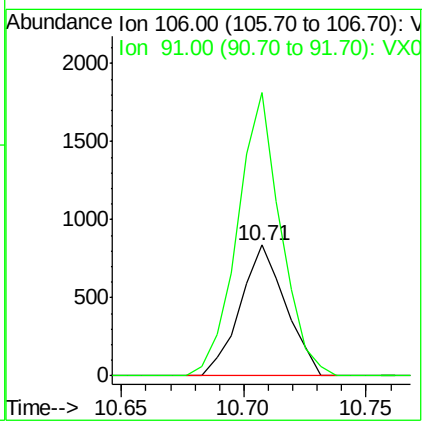


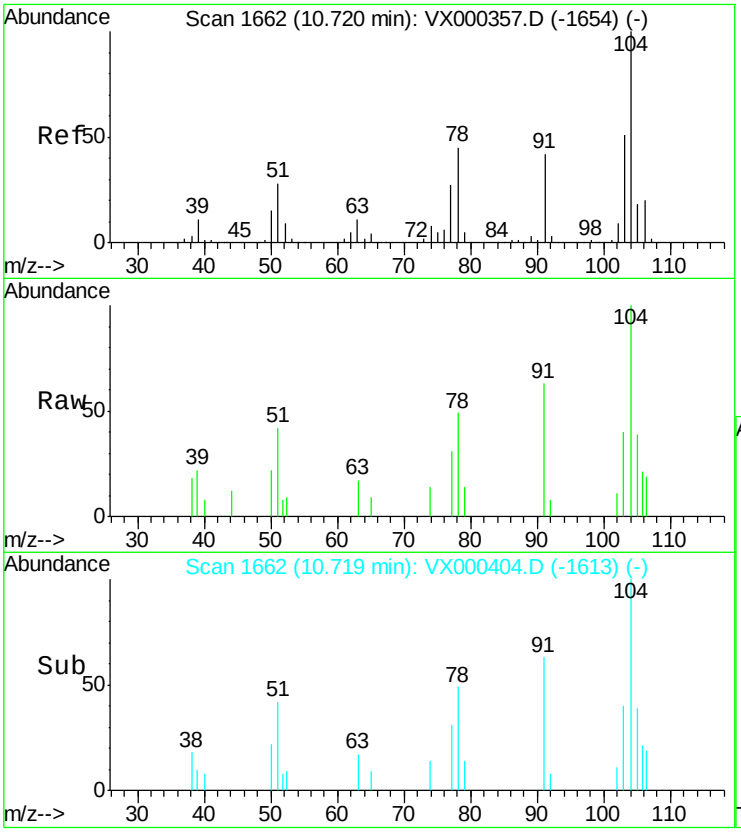


#69
o-Xylene
Concen: 0.50 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000404.D
Acq: 22 Mar 2018 14:22

Tgt Ion:106 Resp: 1087

Ion	Ratio	Lower	Upper
106	100		
91	205.7	106.5	319.6



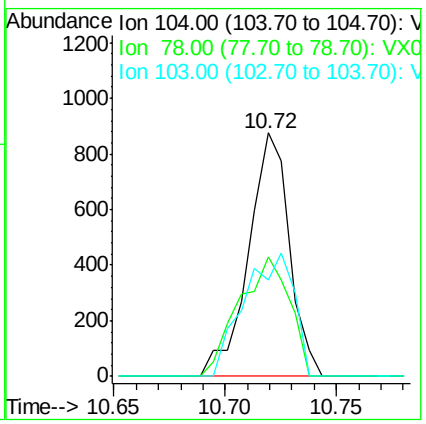


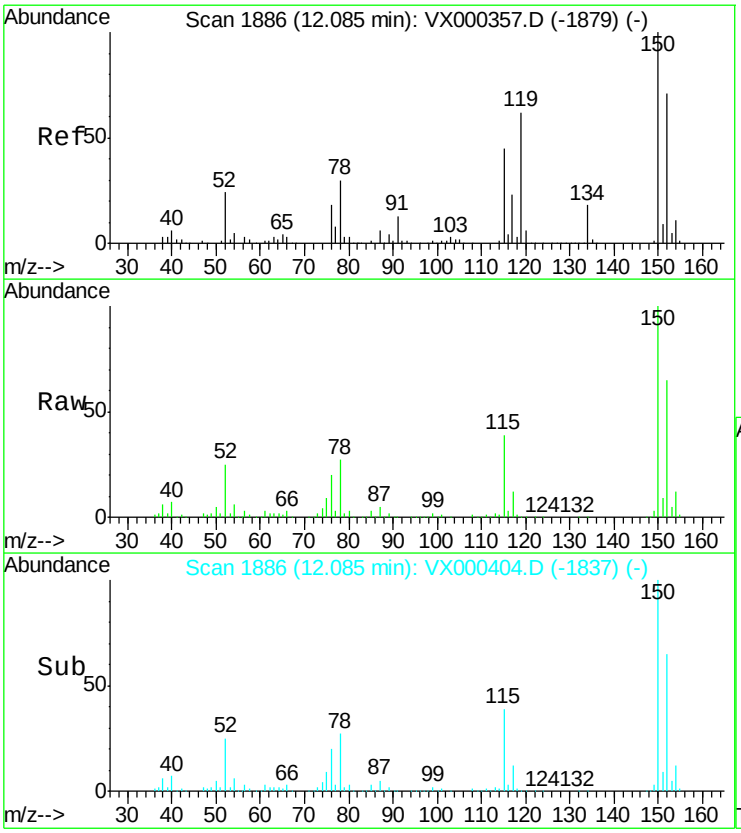
#70
Styrene
Concen: 0.32 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000404.D
Acq: 22 Mar 2018 14:22

Instrument :
MSVOA_X
ClientSampleId :
TP-4-MH-B

Tgt Ion:104 Resp: 1124

Ion	Ratio	Lower	Upper
104	100		
78	60.1	40.5	60.7
103	61.5	45.7	68.5

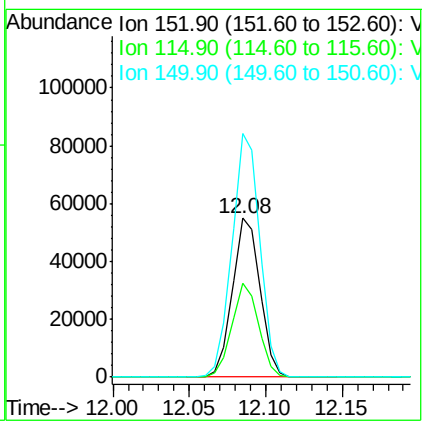


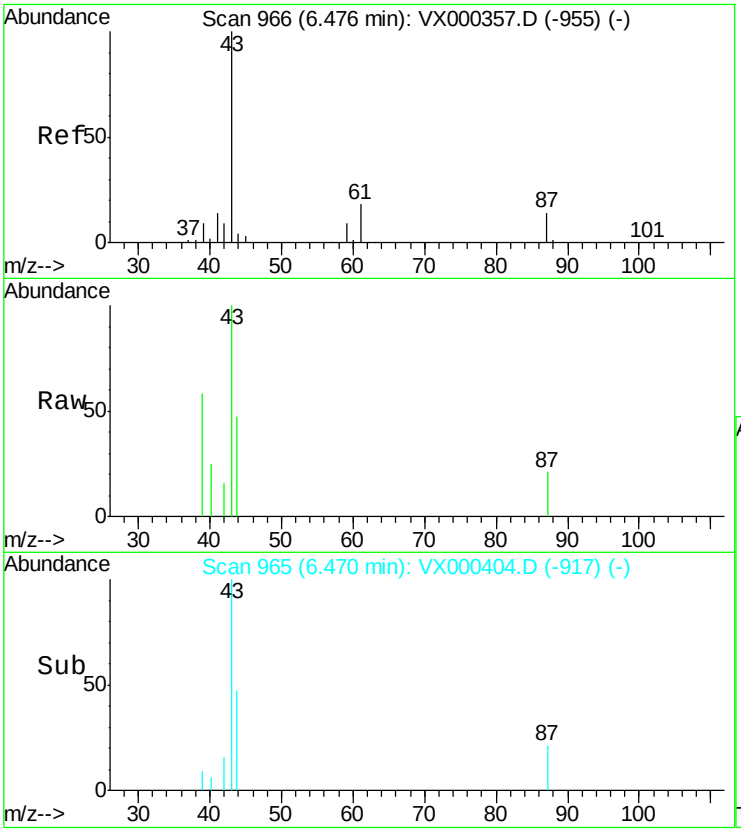


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000404.D
Acq: 22 Mar 2018 14:22

Tgt Ion:152 Resp: 68718

Ion	Ratio	Lower	Upper
152	100		
115	57.0	39.8	119.3
150	154.1	0.0	344.4



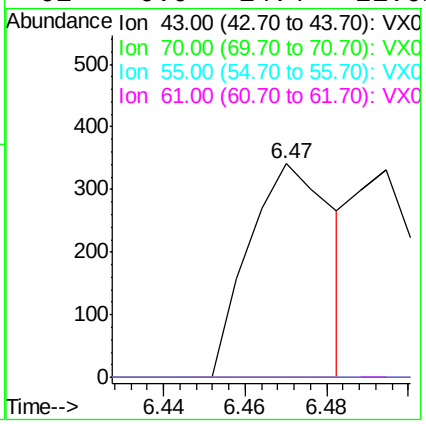


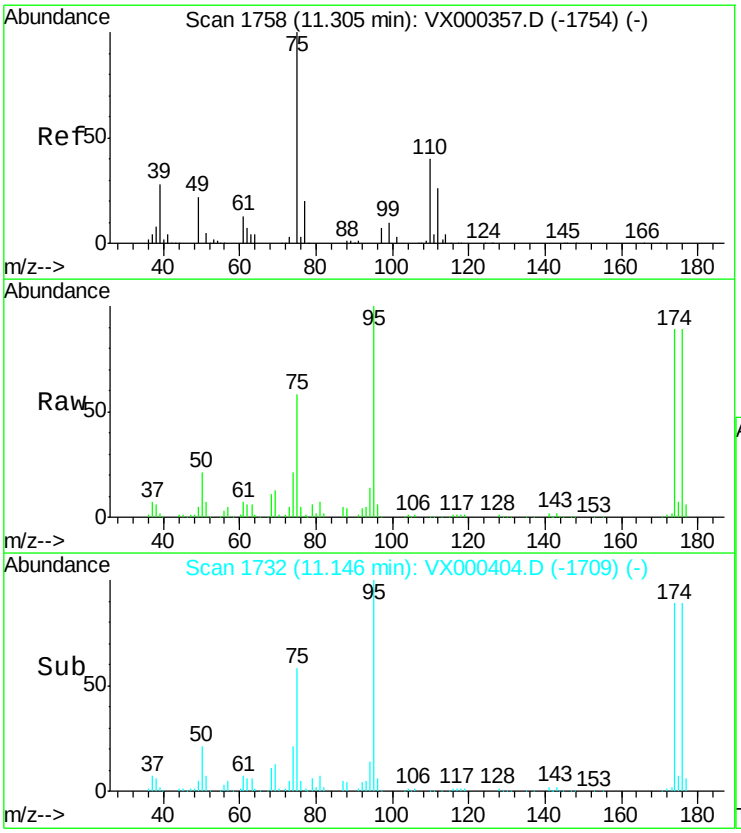
#74
N-amyl acetate
Concen: Below Cal
RT: 6.47 min Scan# 965
Delta R.T. -0.01 min
Lab File: VX000404.D
Acq: 22 Mar 2018 14:22

Instrument :
MSVOA_X
ClientSampleId :
TP-4-MH-B

Tgt Ion: 43 Resp: 489

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

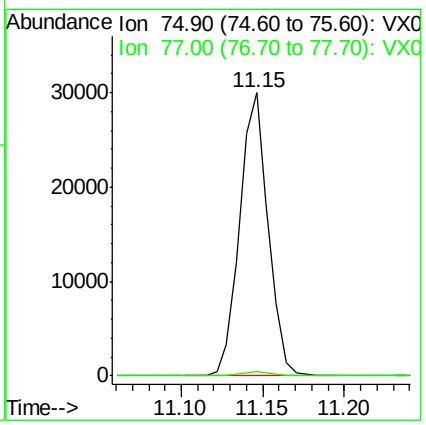


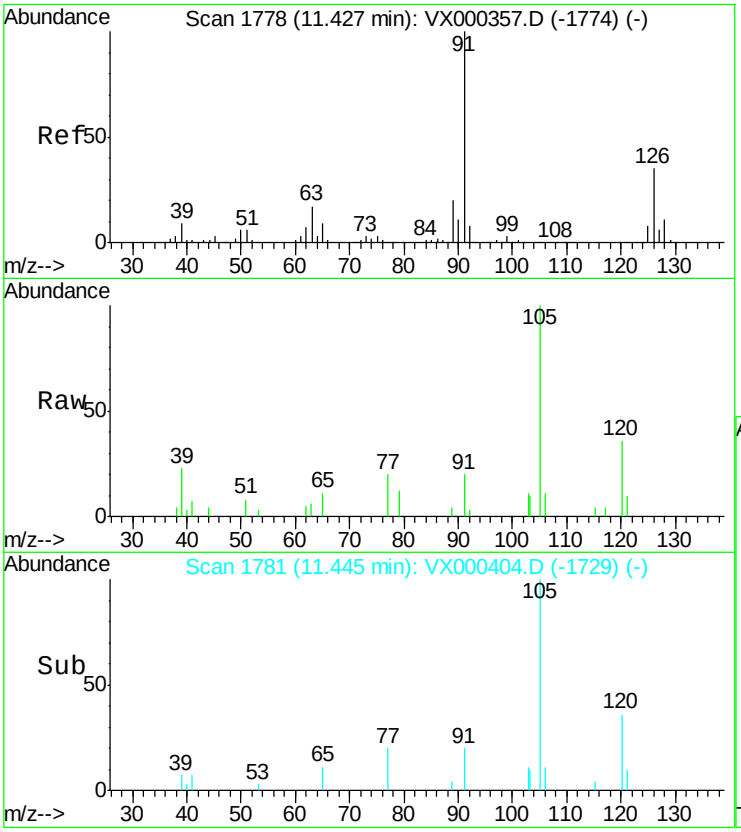


#76
1,2,3-Trichloropropane
Concen: 24.61 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. -0.16 min
Lab File: VX000404.D
Acq: 22 Mar 2018 14:22

Tgt Ion: 75 Resp: 36348

Ion	Ratio	Lower	Upper
75	100		
77	1.4	21.4	64.2#



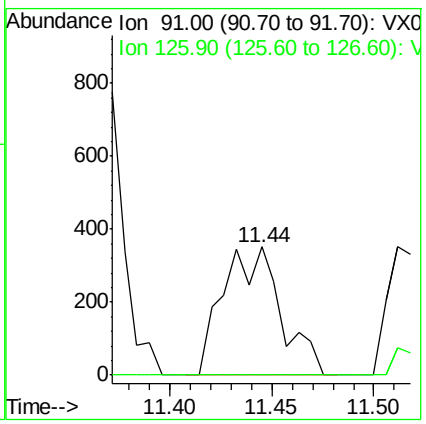


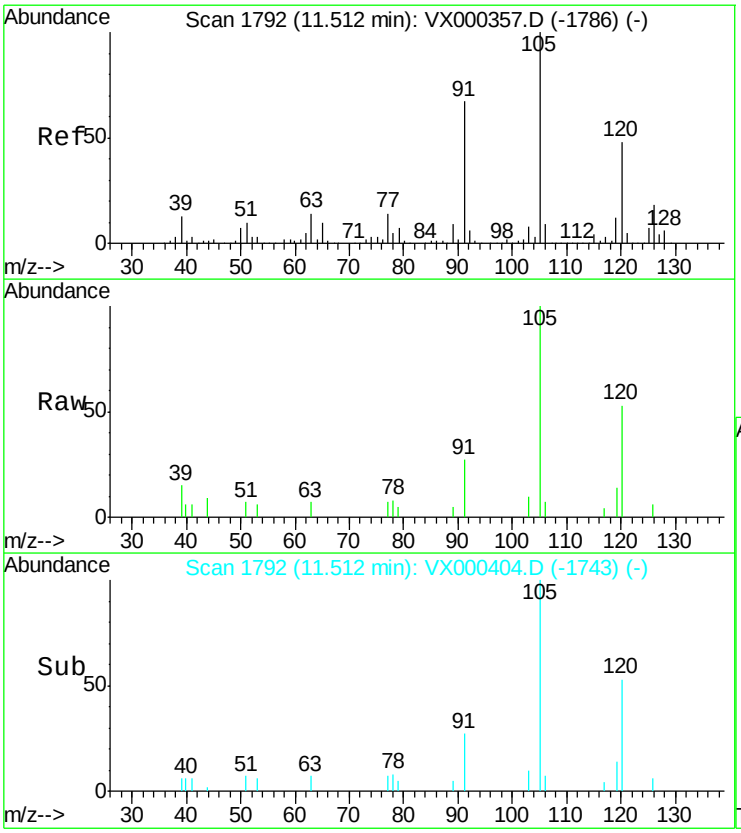
#79
2-Chlorotoluene
Concen: 0.22 ug/l
RT: 11.44 min Scan# 1781
Delta R.T. 0.02 min
Lab File: VX000404.D
Acq: 22 Mar 2018 14:22

Instrument : MSVOA_X
ClientSampleId : TP-4-MH-B

Tgt Ion: 91 Resp: 692

Ion	Ratio	Lower	Upper
91	100		
126	0.0	17.7	53.1#

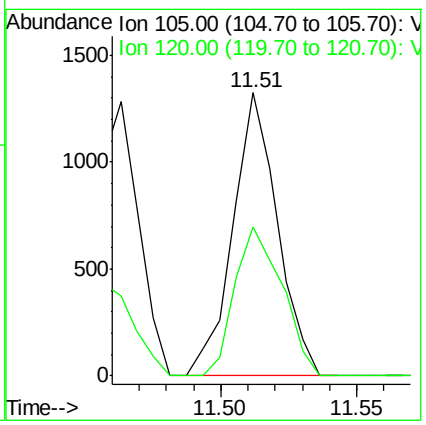


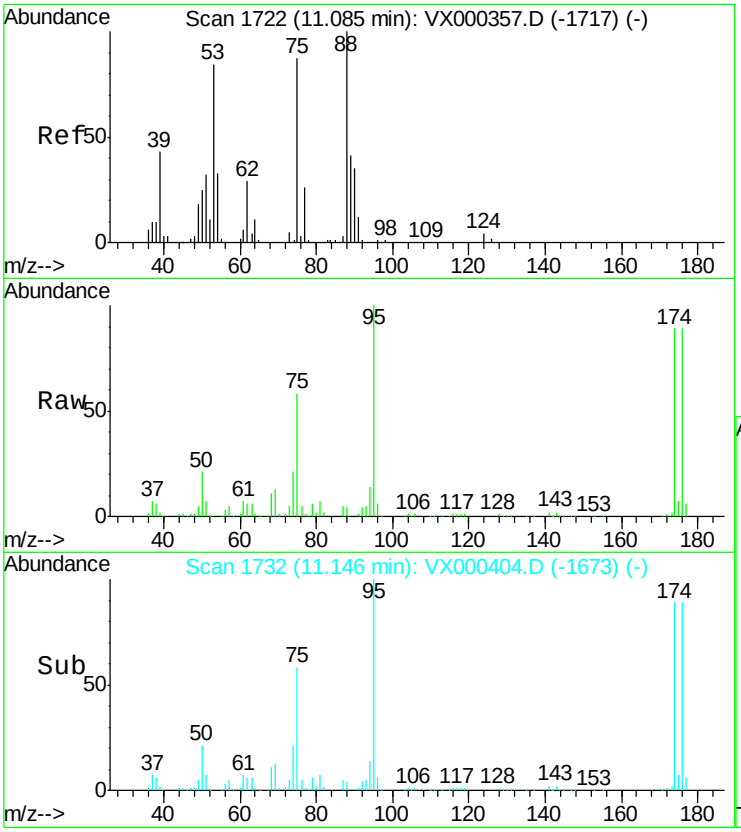


#80
1,3,5-Trimethylbenzene
Concen: 0.39 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX000404.D
Acq: 22 Mar 2018 14:22

Tgt Ion:105 Resp: 1504

Ion	Ratio	Lower	Upper
105	100		
120	55.9	24.1	72.4



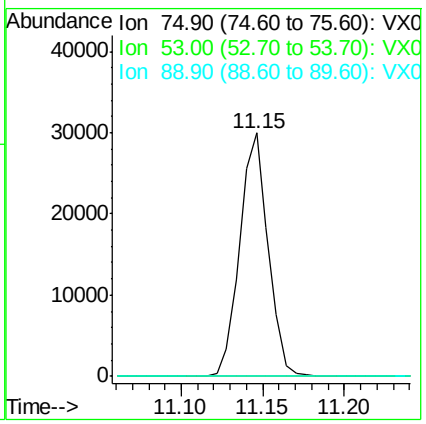


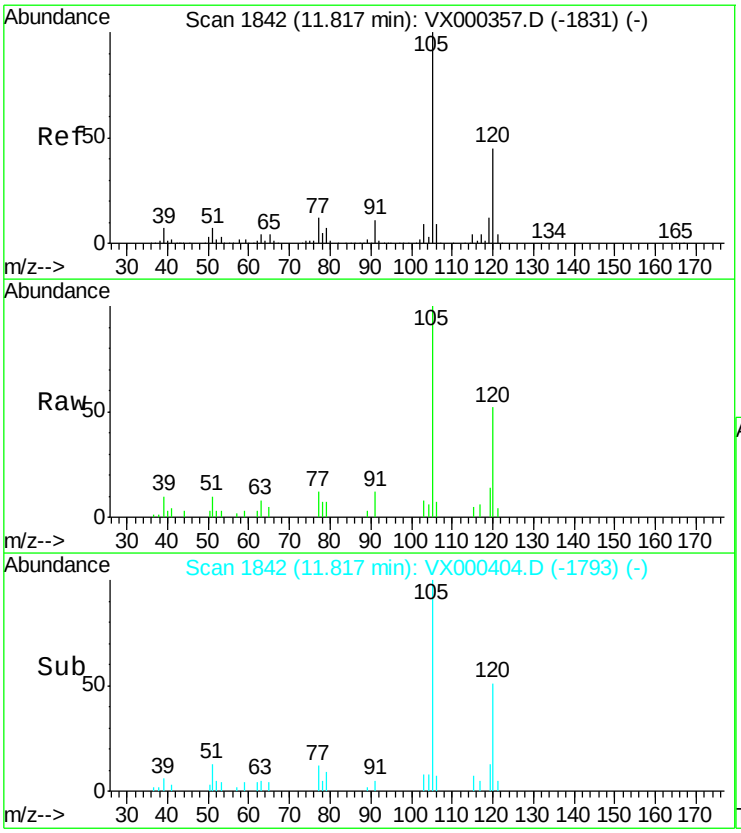
#81
trans-1,4-Dichloro-2-butene
Concen: 79.68 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.06 min
Lab File: VX000404.D
Acq: 22 Mar 2018 14:22

Instrument :
MSVOA_X
ClientSampleId :
TP-4-MH-B

Tgt Ion: 75 Resp: 36348

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

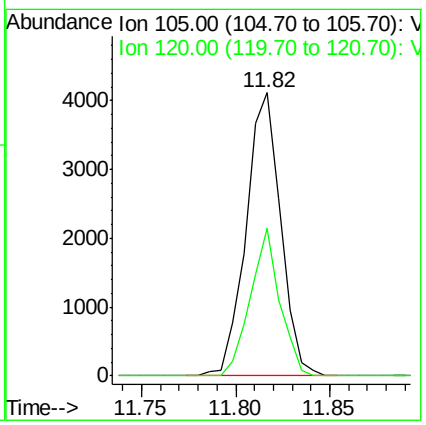


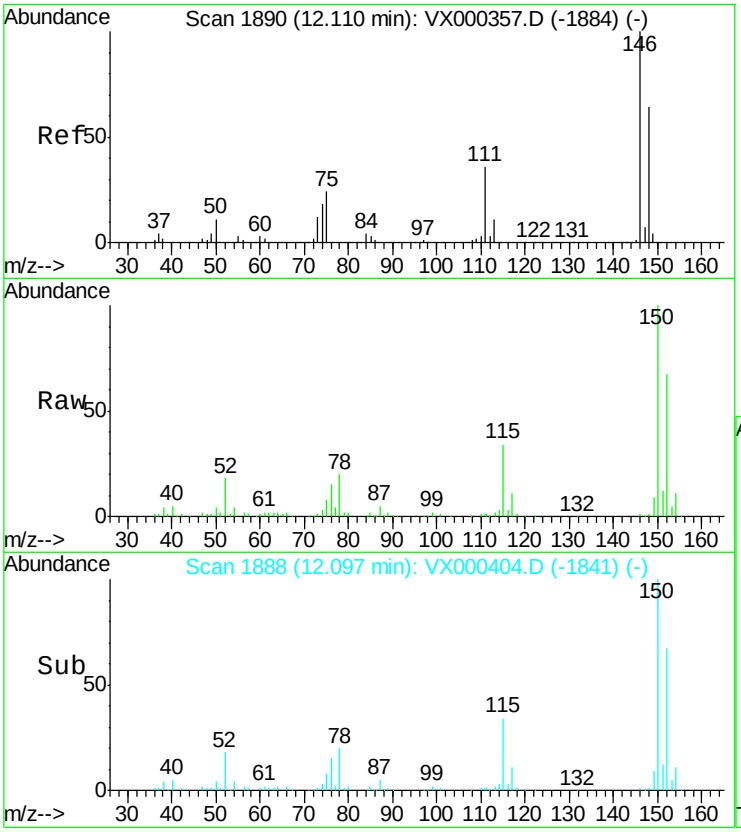


#84
1,2,4-Trimethylbenzene
Concen: 1.30 ug/l
RT: 11.82 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX000404.D
Acq: 22 Mar 2018 14:22

Tgt Ion:105 Resp: 5229

Ion	Ratio	Lower	Upper
105	100		
120	44.3	22.4	67.3



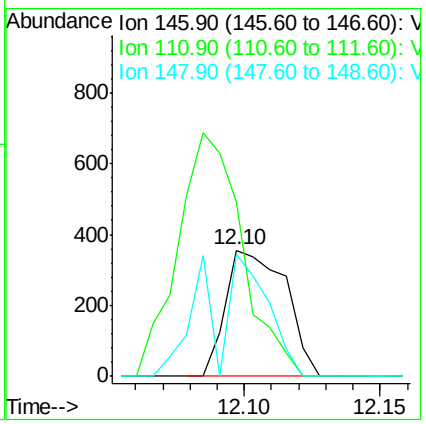


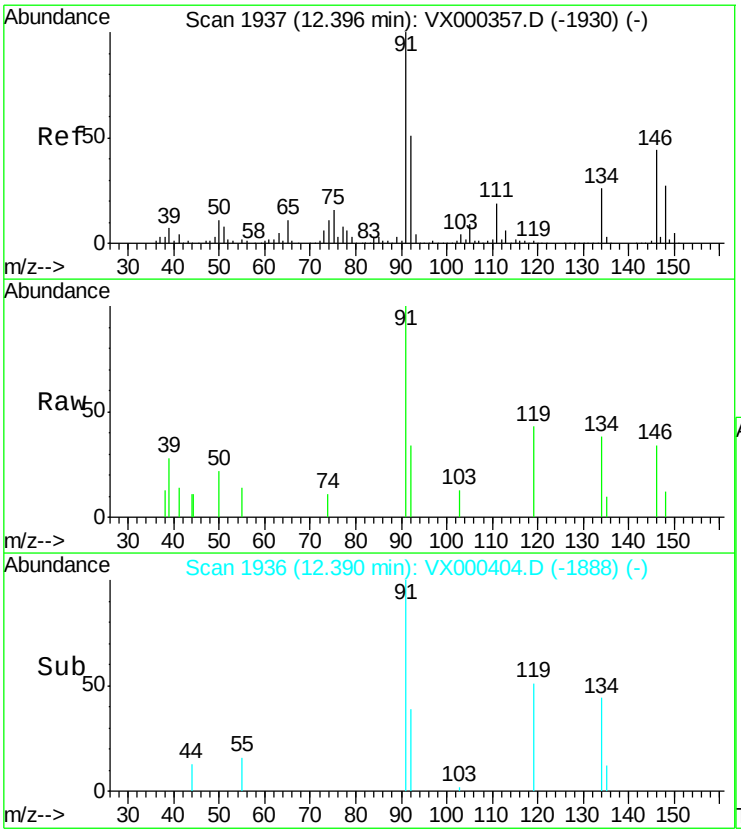
#88
1,4-Dichlorobenzene
Concen: 0.22 ug/l
RT: 12.10 min Scan# 1888
Delta R.T. -0.01 min
Lab File: VX000404.D
Acq: 22 Mar 2018 14:22

Instrument : MSVOA_X
ClientSampleId : TP-4-MH-B

Tgt Ion:146 Resp: 540

Ion	Ratio	Lower	Upper
146	100		
111	0.0	18.9	56.9#
148	61.7	31.0	93.0

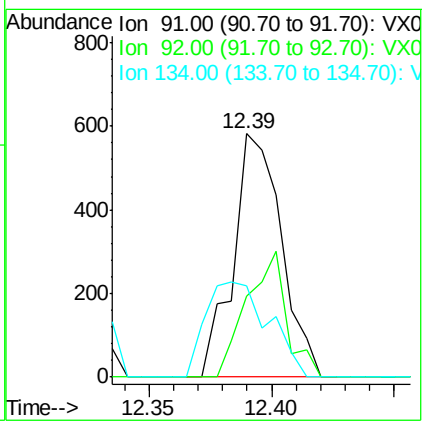


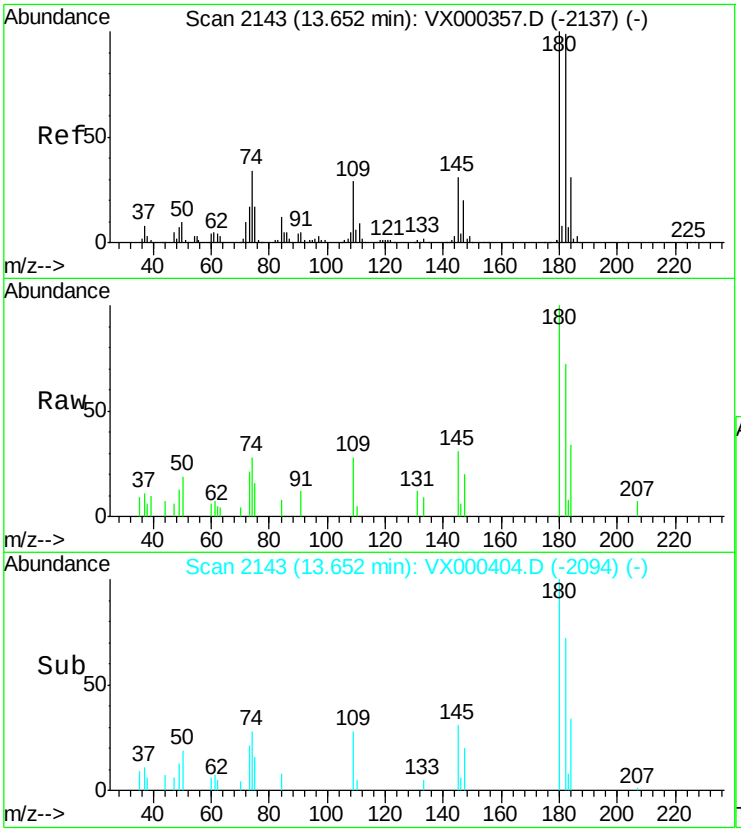


#89
n-Butylbenzene
Concen: 0.20 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.01 min
Lab File: VX000404.D
Acq: 22 Mar 2018 14:22

Tgt Ion: 91 Resp: 796

Ion	Ratio	Lower	Upper
91	100		
92	42.8	25.9	77.8
134	51.3	13.1	39.3#



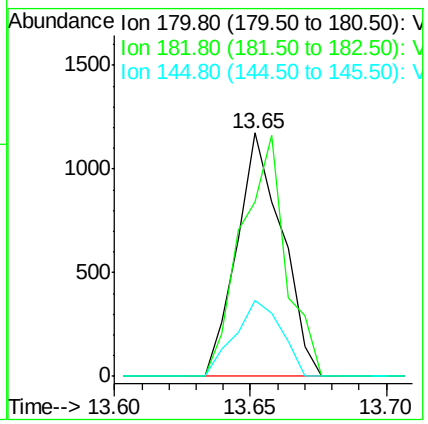


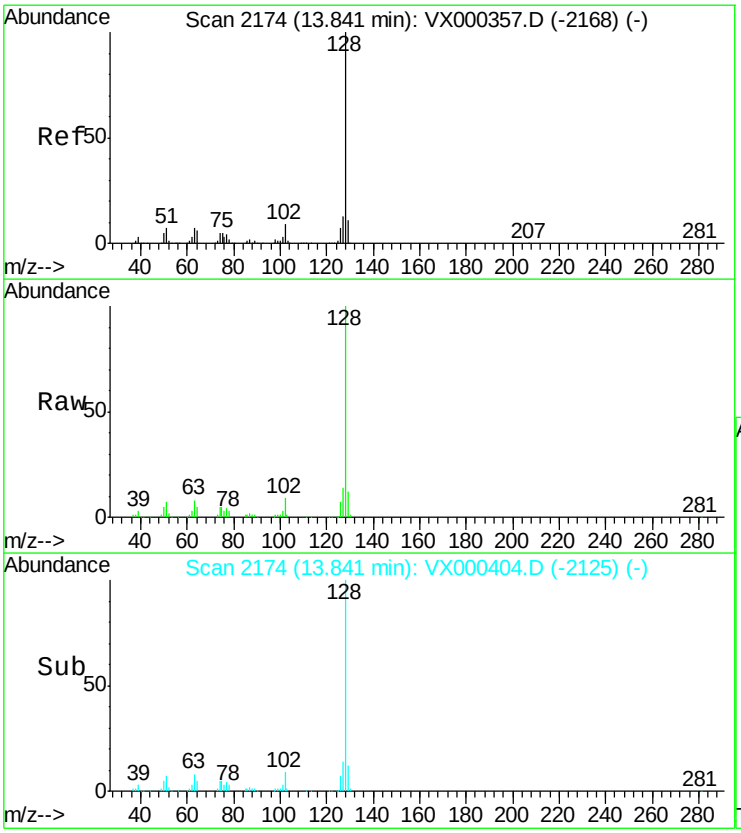
#93
1,2,4-Trichlorobenzene
Concen: 0.84 ug/l
RT: 13.65 min Scan# 2143
Delta R.T. -0.00 min
Lab File: VX000404.D
Acq: 22 Mar 2018 14:22

Instrument :
MSVOA_X
ClientSampleId :
TP-4-MH-B

Tgt Ion:180 Resp: 1356

Ion	Ratio	Lower	Upper
180	100		
182	96.7	47.6	142.9
145	32.0	15.1	45.3

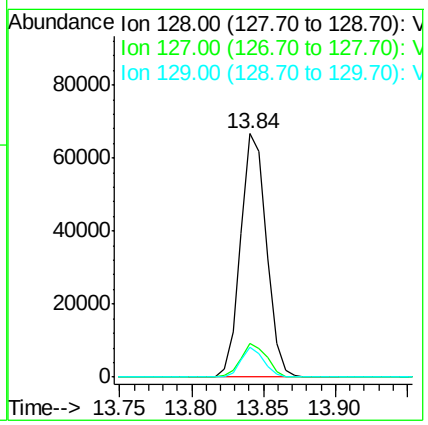


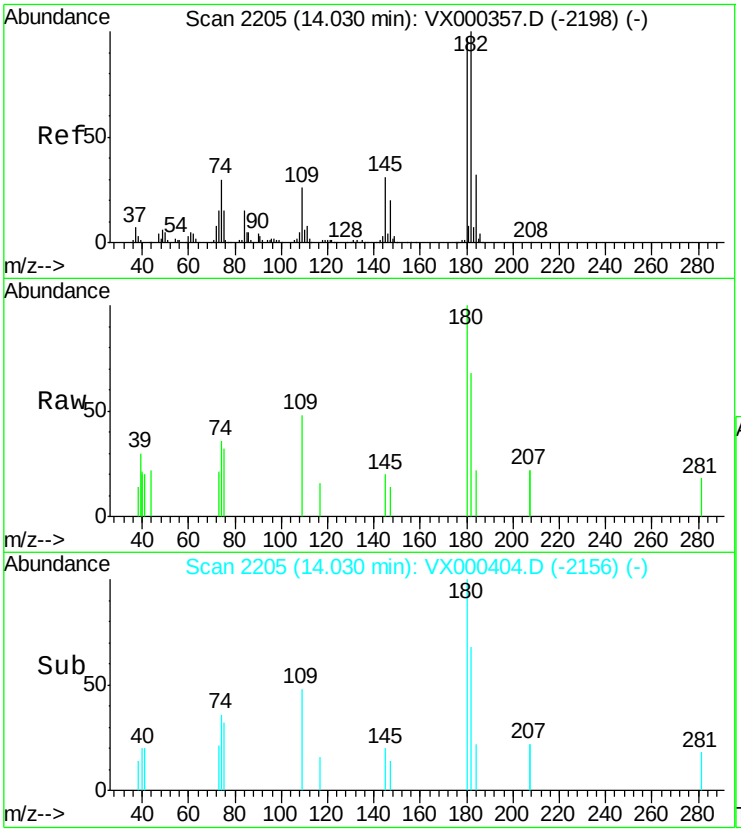


#95
Naphthalene
Concen: 14.81 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX000404.D
Acq: 22 Mar 2018 14:22

Tgt Ion:128 Resp: 83169

Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.6	15.8
129	10.7	8.9	13.3





#96
1,2,3-Trichlorobenzene
Concen: 0.31 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. -0.00 min
Lab File: VX000404.D
Acq: 22 Mar 2018 14:22

Instrument :
MSVOA_X
ClientSampleId :
TP-4-MH-B

Tgt Ion:180 Resp: 489

Ion	Ratio	Lower	Upper
180	100		
182	74.8	47.4	142.3
145	23.9	15.8	47.3