Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX041218\
Data File : VX000824.D
Acq On : 13 Apr 2018 01:29
Operator : JC/MD
Sample : J2163-06 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PL-01-041118-C

Quant Time: Apr 13 07:00:59 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 10 15:49:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.68	168	282162	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	370628	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	340346	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	218402	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.08	65	160411	45.09	ug/l		0.00
Spiked Amount 50.000			Recovery = 90.18%				
35) Dibromofluoromethane	5.51	113	132862	46.53	ug/l		0.00
Spiked Amount 50.000			Recovery = 93.06%				
50) Toluene-d8	8.73	98	511583	48.12	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.24%				
62) 4-Bromofluorobenzene	11.14	95	198931	45.22	ug/l		0.00
Spiked Amount 50.000			Recovery = 90.44%				
Target Compounds							Qvalue
5) Bromomethane	1.66	94	484	Below Cal		#	29
6) Chloroethane	1.68	64	2467	1.33	ug/l	#	68
10) Methyl Iodide	2.52	142	169	8.30	ug/l	#	42
11) Tert butyl alcohol	3.07	59	136	0.22	ug/l	#	1
16) Acetone	2.45	43	3782	3.08	ug/l	#	88
20) Methylene Chloride	2.86	84	2058	0.72	ug/l	#	82
25) 2-Butanone	4.73	43	1234	0.61	ug/l	#	87
29) Tetrahydrofuran	5.19	42	391	0.30	ug/l	#	52
36) 1,1-Dichloropropene	5.68	75	16728	4.10	ug/l	#	49
38) Carbon Tetrachloride	5.67	117	24095	5.27	ug/l	#	16
43) Isopropyl Acetate	6.48	43	2448	0.36	ug/l	#	90
59) 2-Hexanone	9.56	43	630	0.20	ug/l		68
67) Ethyl Benzene	10.26	91	8038	0.56	ug/l		99
68) m/p-Xylenes	10.37	106	9651	1.71	ug/l		97
69) o-Xylene	10.71	106	2867	0.53	ug/l		86
74) N-amyl acetate	6.48	43	2448	0.39	ug/l	#	93
76) 1,2,3-Trichloropropane	11.14	75	96344	25.58	ug/l	#	36
78) n-propylbenzene	11.37	91	6033	0.38	ug/l		97
79) 2-Chlorotoluene	11.44	91	3028	0.32	ug/l	#	43
80) 1,3,5-Trimethylbenzene	11.51	105	8926	0.75	ug/l		97
81) trans-1,4-Dichloro-2-buten	11.14	75	96344	70.36	ug/l	#	11
84) 1,2,4-Trimethylbenzene	11.81	105	31315	2.55	ug/l		99
89) n-Butylbenzene	12.39	91	3077	0.26	ug/l	#	38
90) Hexachloroethane	12.59	117	463	0.20	ug/l	#	1
95) Naphthalene	13.84	128	15428	0.97	ug/l		99

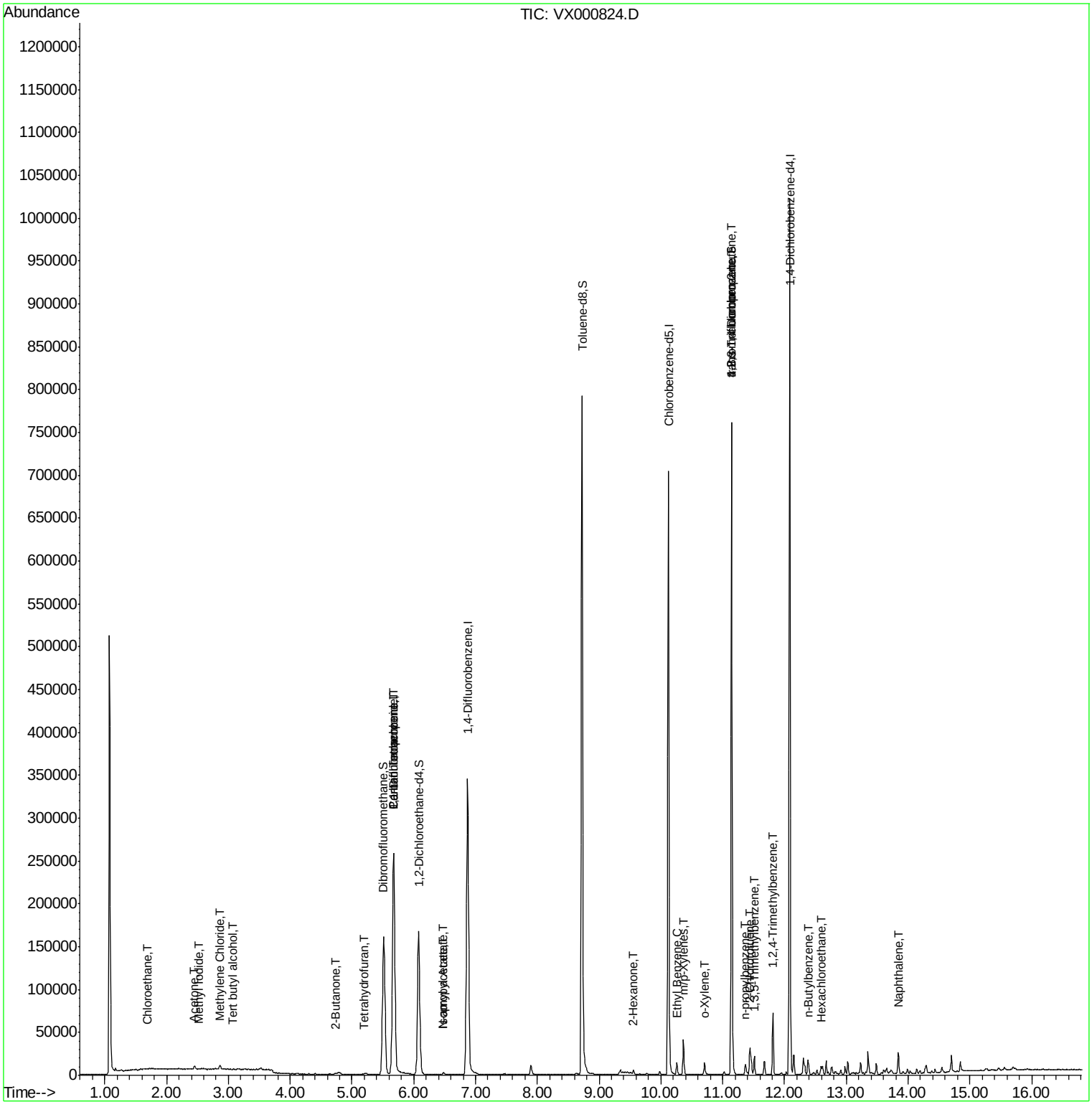
(#) = qualifier out of range (m) = manual integration (+) = signals summed

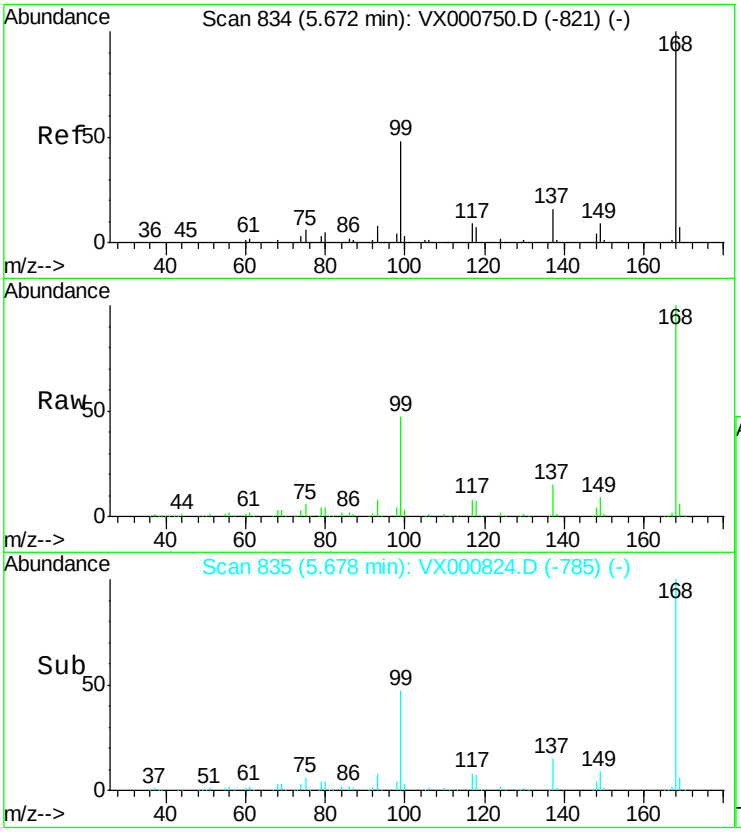
Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX041218\
Data File : VX000824.D
Acq On : 13 Apr 2018 01:29
Operator : JC/MD
Sample : J2163-06 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PL-01-041118-C

Quant Time: Apr 13 07:00:59 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 10 15:49:28 2018
Response via : Initial Calibration



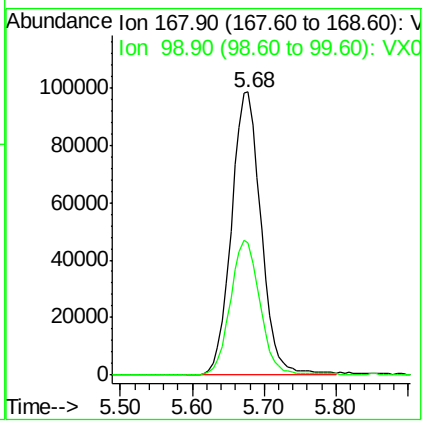


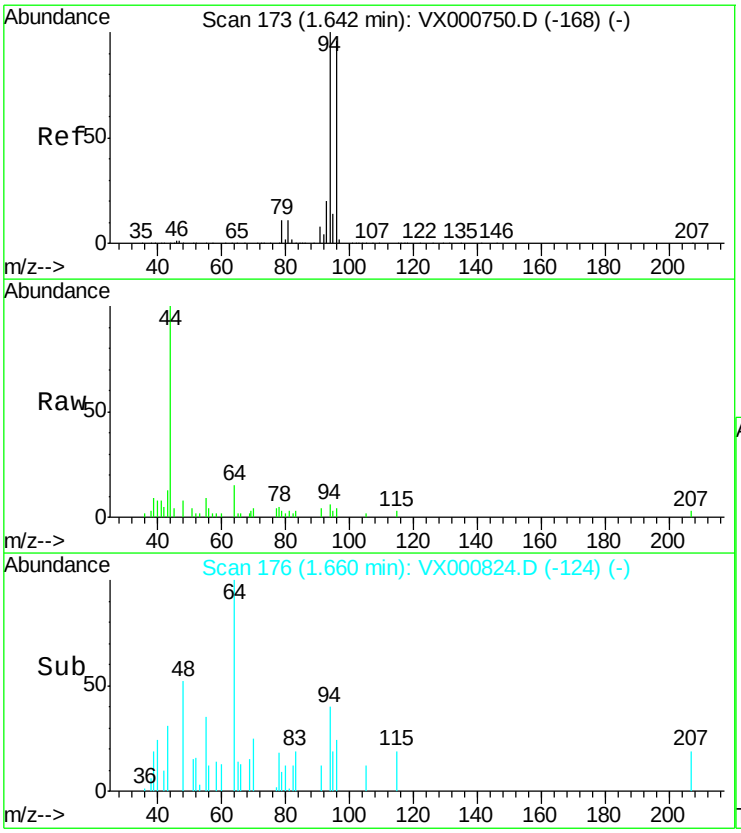
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.68 min Scan# 835
Delta R.T. 0.01 min
Lab File: VX000824.D
Acq: 13 Apr 2018 01:29

Instrument :
MSVOA_X
ClientSampleId :
PL-01-041118-C

Tgt Ion:168 Resp: 282162

Ion	Ratio	Lower	Upper
168	100		
99	47.0	38.3	57.5

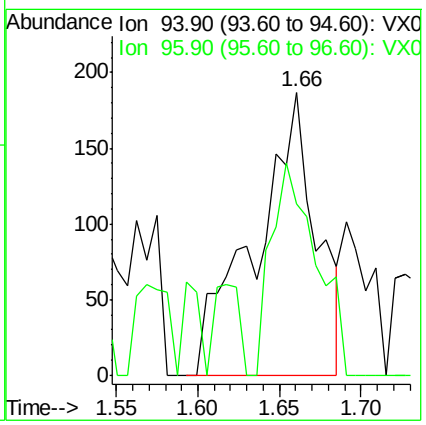


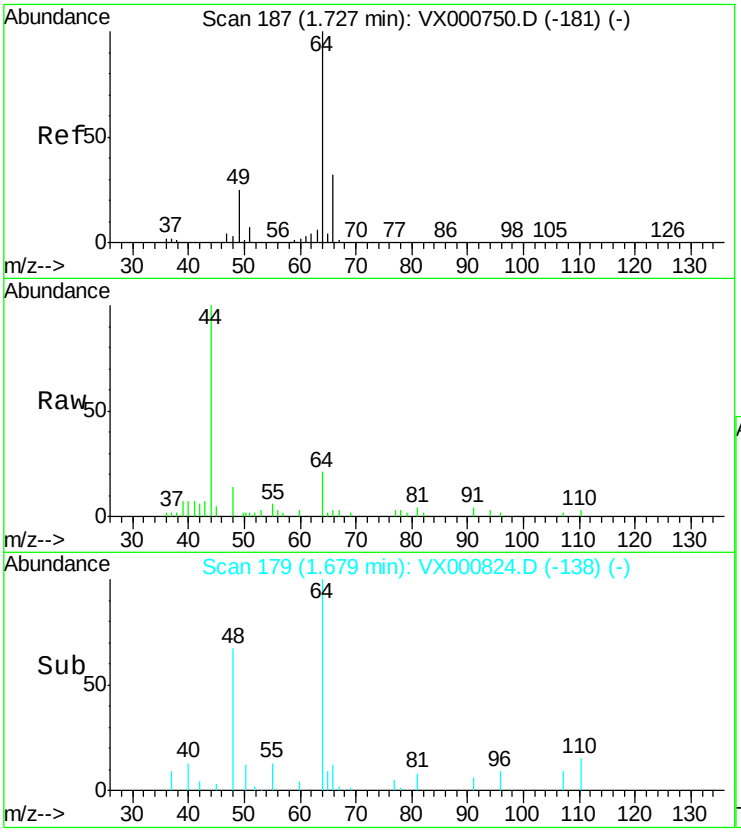


#5
Bromomethane
Concen: Below Cal
RT: 1.66 min Scan# 176
Delta R.T. 0.02 min
Lab File: VX000824.D
Acq: 13 Apr 2018 01:29

Tgt Ion: 94 Resp: 484

Ion	Ratio	Lower	Upper
94	100		
96	27.3	77.0	115.6#



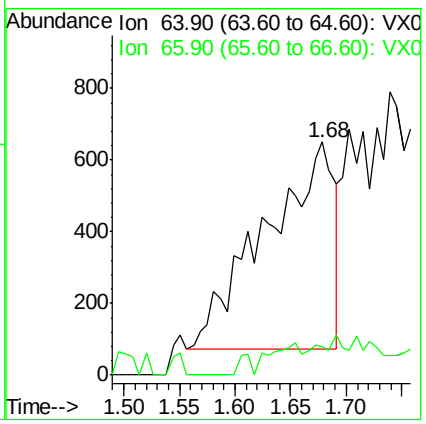


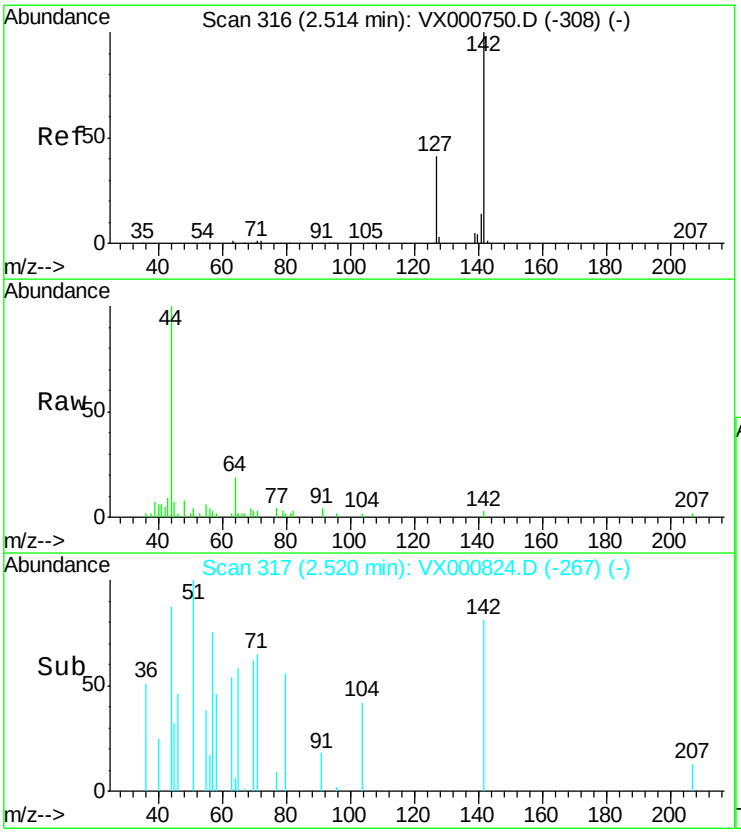
#6
Chloroethane
Concen: 1.33 ug/l
RT: 1.68 min Scan# 179
Delta R.T. -0.05 min
Lab File: VX000824.D
Acq: 13 Apr 2018 01:29

Instrument :
MSVOA_X
ClientSampleId :
PL-01-041118-C

Tgt Ion: 64 Resp: 2467

Ion	Ratio	Lower	Upper
64	100		
66	14.0	25.3	37.9#

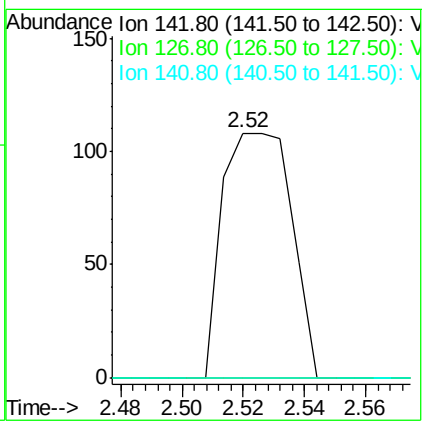


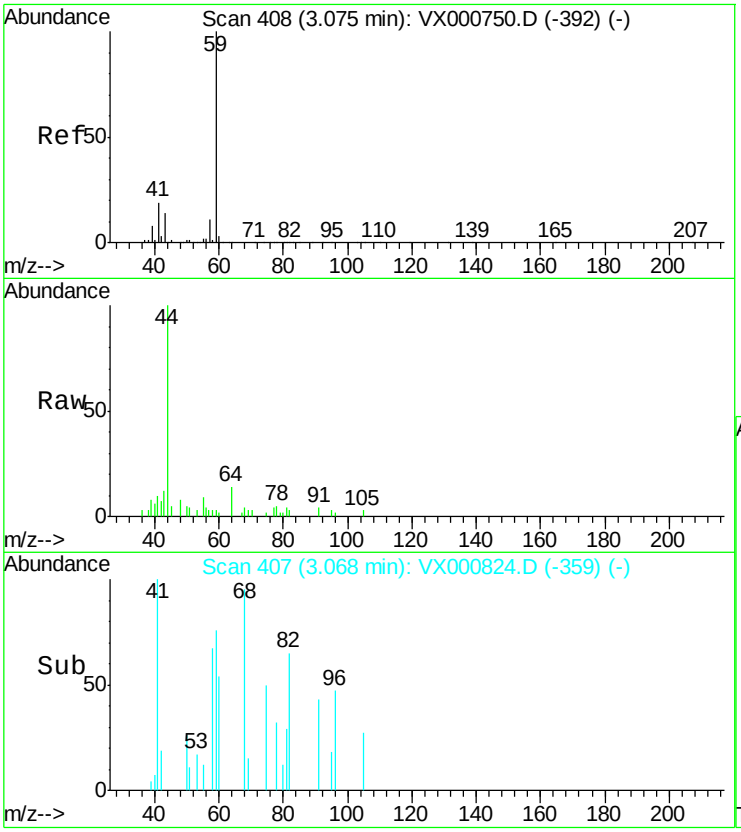


#10
Methyl Iodide
Concen: 8.30 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX000824.D
Acq: 13 Apr 2018 01:29

Tgt Ion:142 Resp: 169

Ion	Ratio	Lower	Upper
142	100		
127	0.0	32.6	49.0#
141	0.0	11.5	17.3#



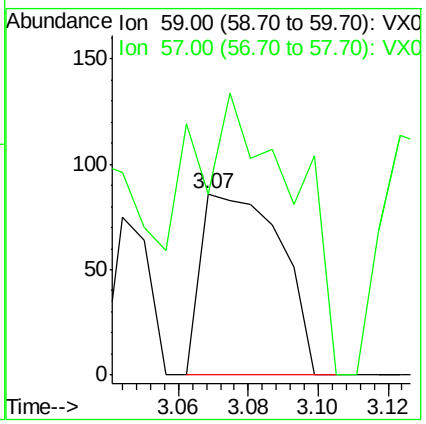


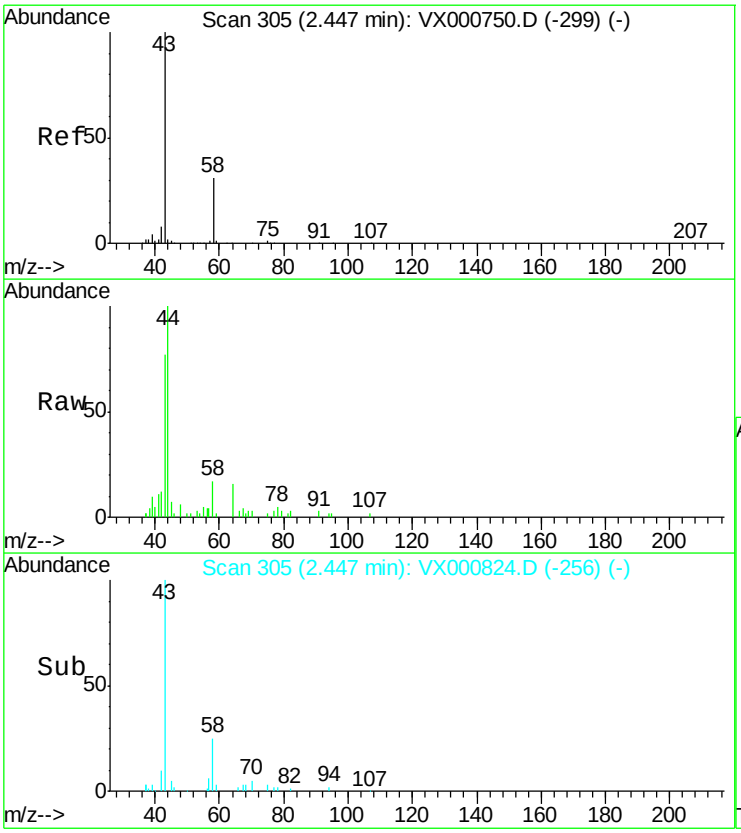
#11
Tert butyl alcohol
Concen: 0.22 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX000824.D
Acq: 13 Apr 2018 01:29

Instrument :
MSVOA_X
ClientSampleId :
PL-01-041118-C

Tgt Ion: 59 Resp: 136

Ion	Ratio	Lower	Upper
59	100		
57	197.8	8.4	12.6#

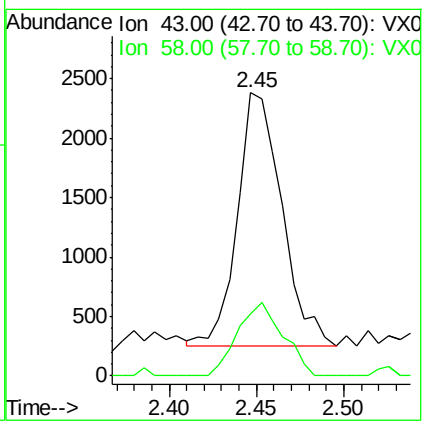


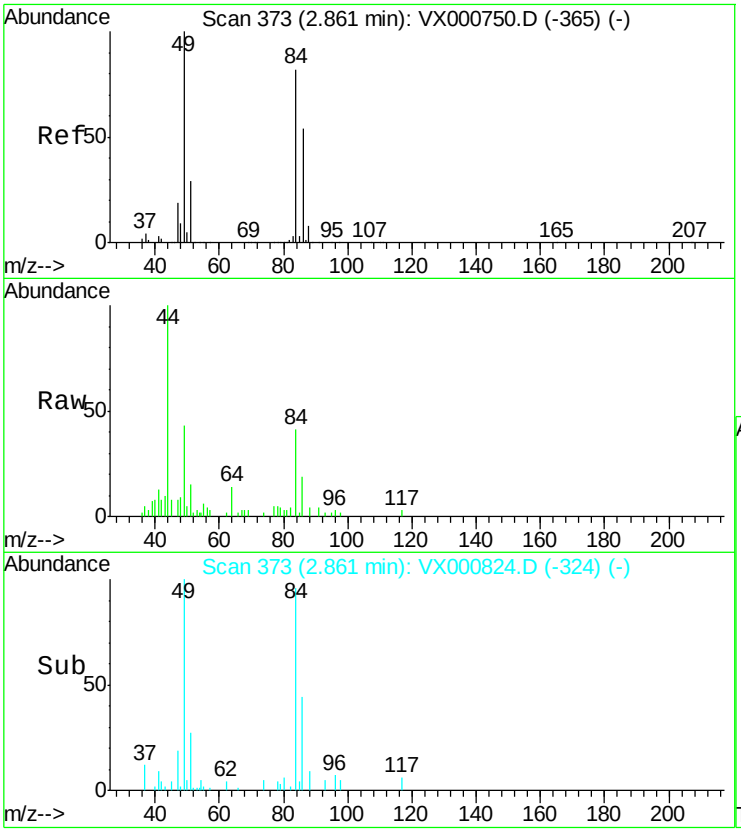


#16
Acetone
Concen: 3.08 ug/l
RT: 2.45 min Scan# 305
Delta R.T. -0.00 min
Lab File: VX000824.D
Acq: 13 Apr 2018 01:29

Tgt Ion: 43 Resp: 3782

Ion	Ratio	Lower	Upper
43	100		
58	24.4	24.6	37.0#



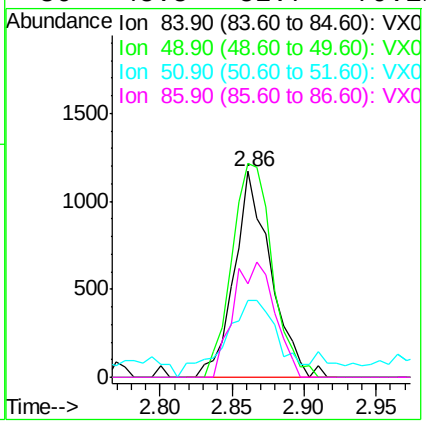


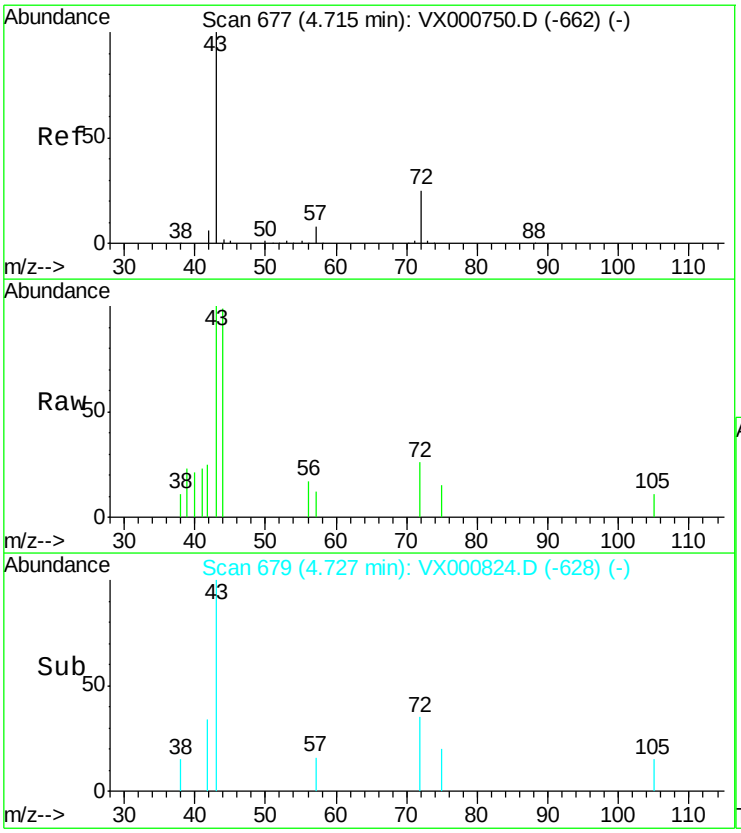
#20
Methylene Chloride
Concen: 0.72 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX000824.D
Acq: 13 Apr 2018 01:29

Instrument :
MSVOA_X
ClientSampleId :
PL-01-041118-C

Tgt Ion: 84 Resp: 2058

Ion	Ratio	Lower	Upper
84	100		
49	103.7	98.1	147.1
51	30.7	28.9	43.3
86	45.5	52.7	79.1#

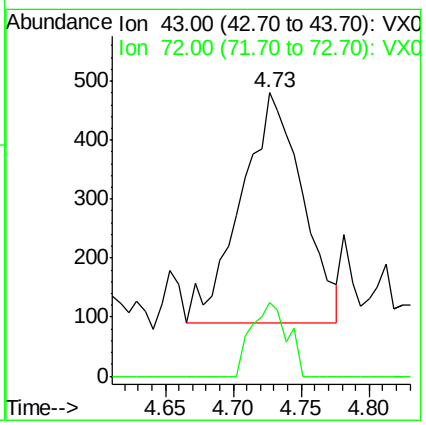


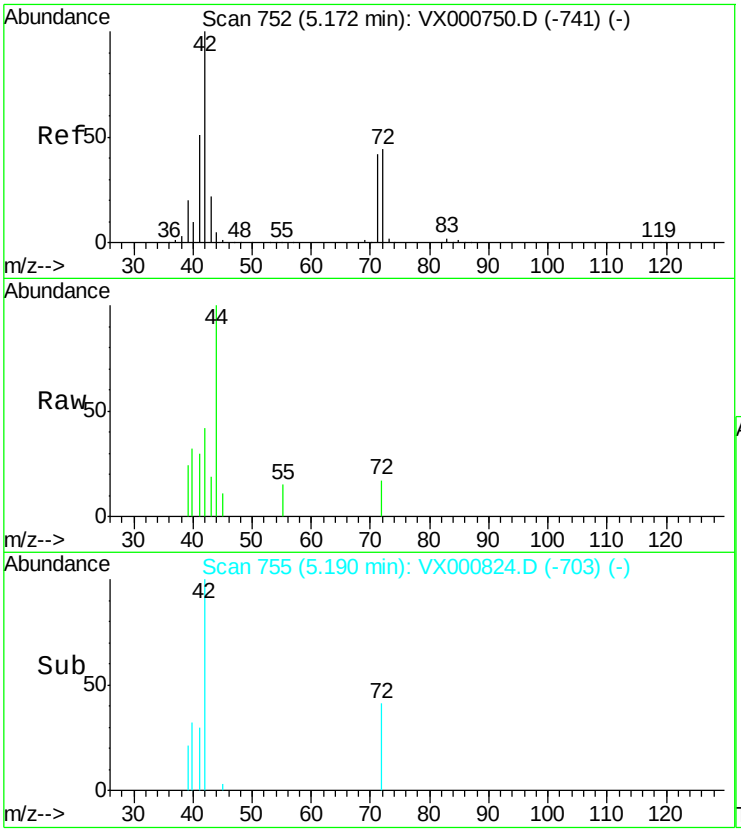


#25
2-Butanone
Concen: 0.61 ug/l
RT: 4.73 min Scan# 679
Delta R.T. 0.01 min
Lab File: VX000824.D
Acq: 13 Apr 2018 01:29

Tgt Ion: 43 Resp: 1234

Ion	Ratio	Lower	Upper
43	100		
72	31.8	20.3	30.5#



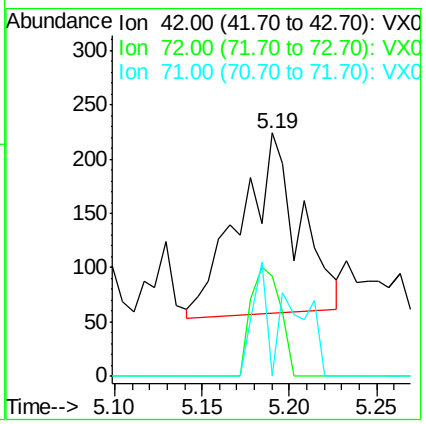


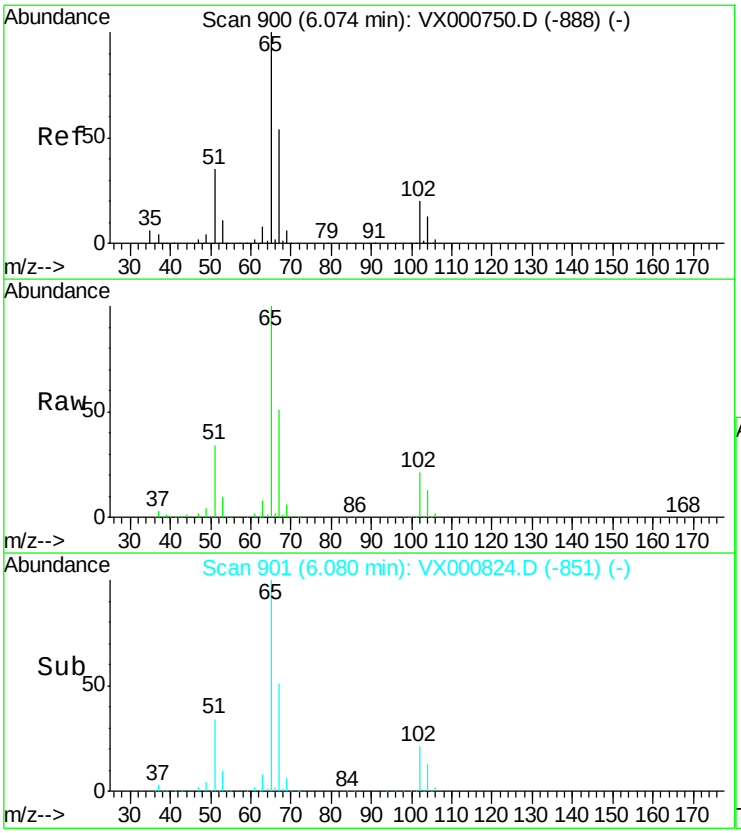
#29
Tetrahydrofuran
Concen: 0.30 ug/l
RT: 5.19 min Scan# 755
Delta R.T. 0.02 min
Lab File: VX000824.D
Acq: 13 Apr 2018 01:29

Instrument :
MSVOA_X
ClientSampleId :
PL-01-041118-C

Tgt Ion: 42 Resp: 391

Ion	Ratio	Lower	Upper
42	100		
72	0.0	35.1	52.7#
71	24.0	32.8	49.2#

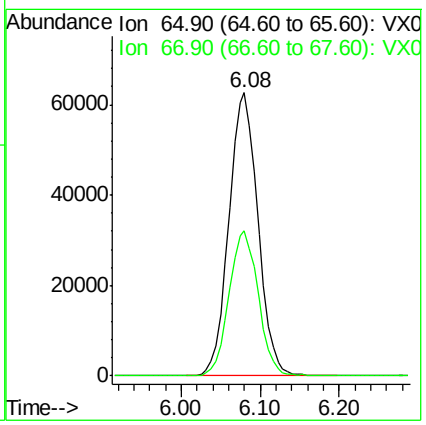


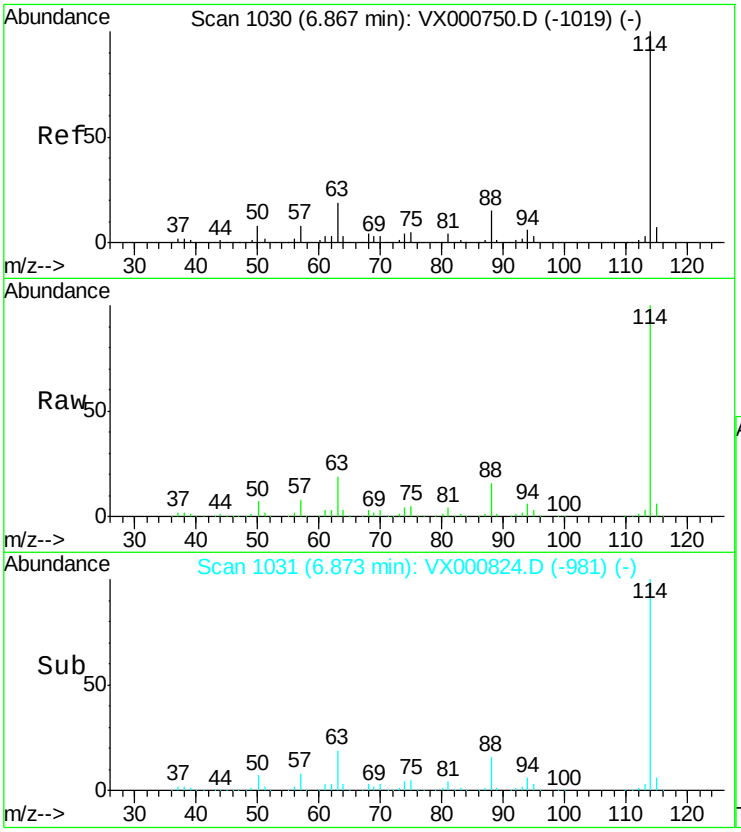


#33
1,2-Dichloroethane-d4
Concen: 45.09 ug/l
RT: 6.08 min Scan# 901
Delta R.T. 0.01 min
Lab File: VX000824.D
Acq: 13 Apr 2018 01:29

Tgt Ion: 65 Resp: 160411

Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	103.8



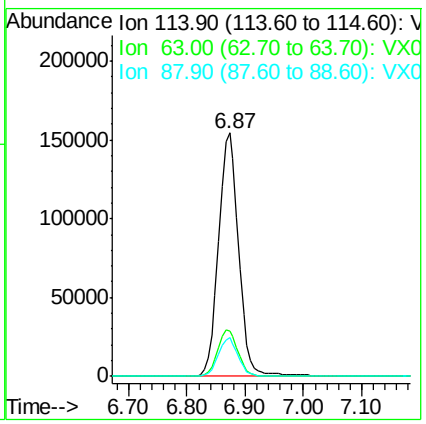


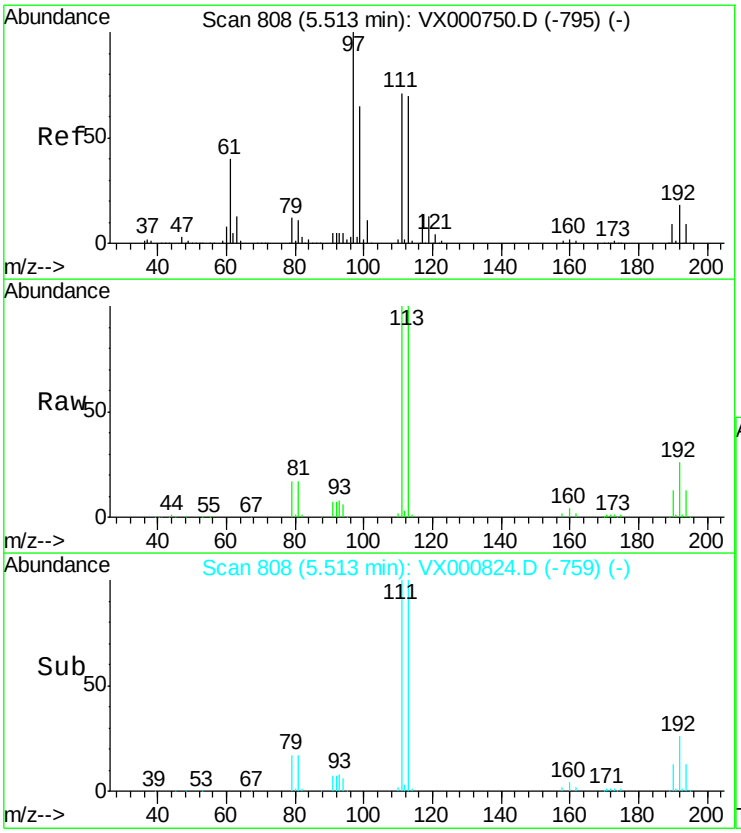
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VX000824.D
Acq: 13 Apr 2018 01:29

Instrument :
MSVOA_X
ClientSampleId :
PL-01-041118-C

Tgt Ion:114 Resp: 370628

Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	38.4
88	15.9	0.0	31.0

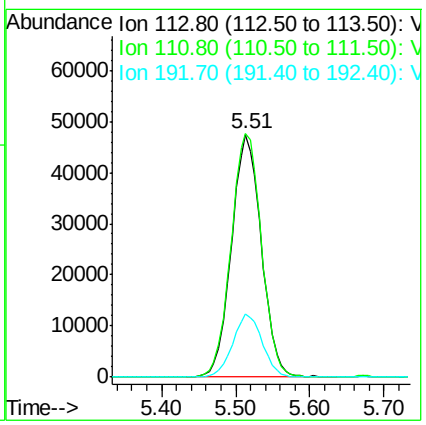


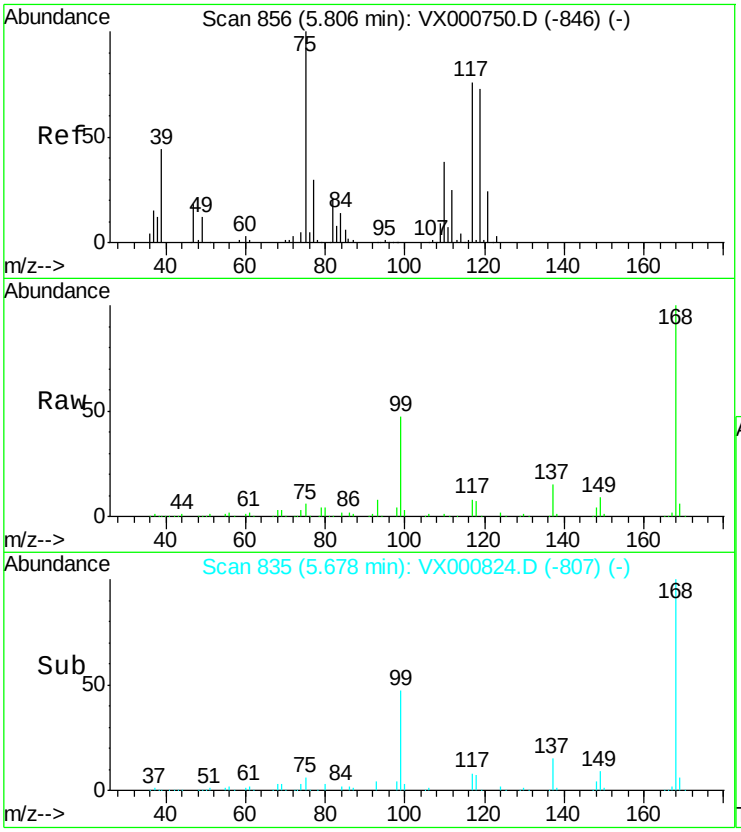


#35
Dibromofluoromethane
Concen: 46.53 ug/l
RT: 5.51 min Scan# 808
Delta R.T. -0.00 min
Lab File: VX000824.D
Acq: 13 Apr 2018 01:29

Tgt Ion:113 Resp: 132862

Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.5	122.3
192	25.8	20.4	30.6



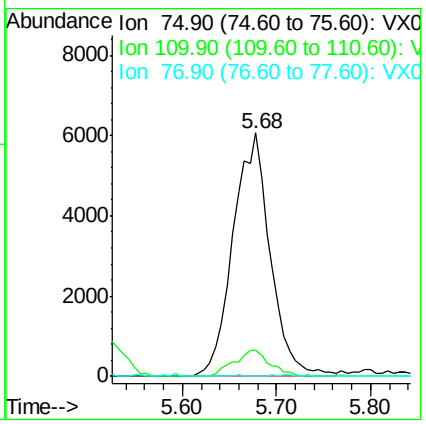


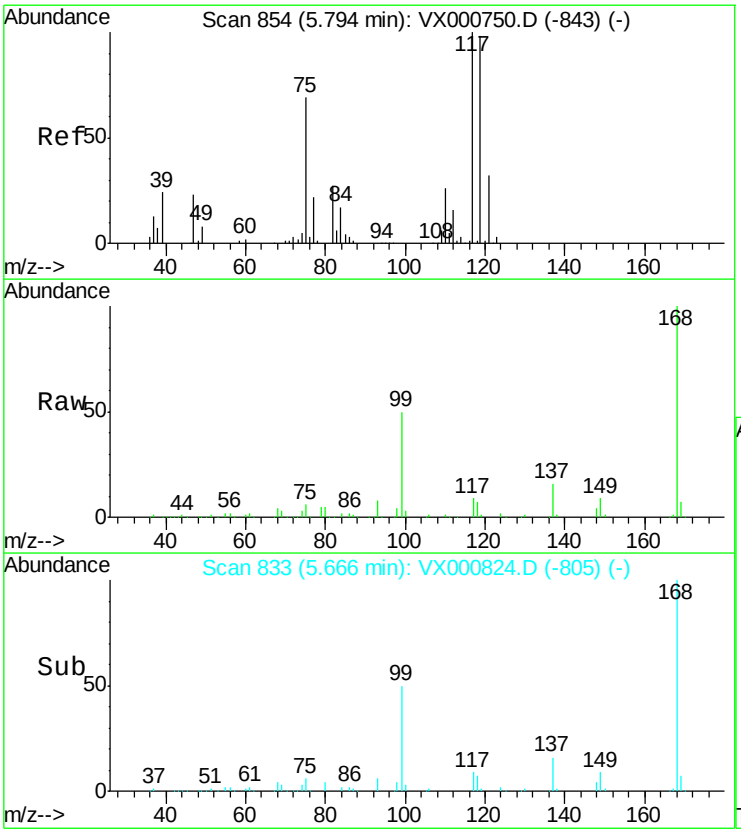
#36
1,1-Dichloropropene
Concen: 4.10 ug/l
RT: 5.68 min Scan# 835
Delta R.T. -0.13 min
Lab File: VX000824.D
Acq: 13 Apr 2018 01:29

Instrument : MSVOA_X
ClientSampleId : PL-01-041118-C

Tgt Ion: 75 Resp: 16728

Ion	Ratio	Lower	Upper
75	100		
110	10.3	19.2	57.6#
77	0.1	25.4	38.2#

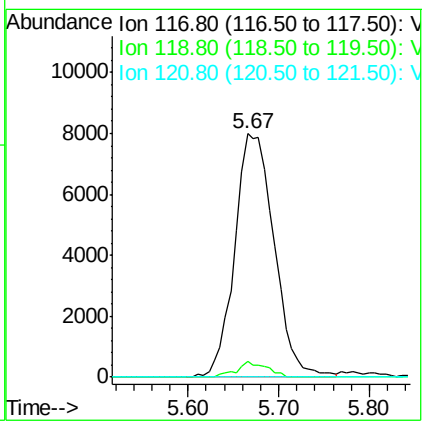


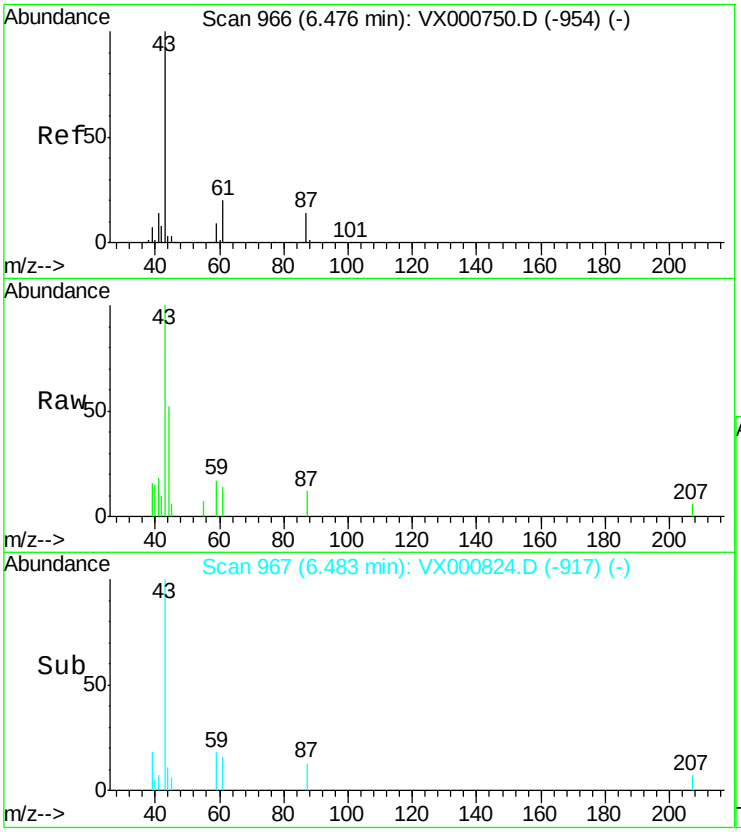


#38
Carbon Tetrachloride
Concen: 5.27 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.13 min
Lab File: VX000824.D
Acq: 13 Apr 2018 01:29

Tgt Ion:117 Resp: 24095

Ion	Ratio	Lower	Upper
117	100		
119	6.3	78.4	117.6#
121	0.0	25.4	38.0#



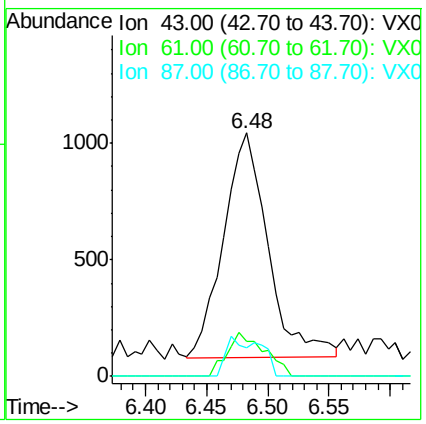


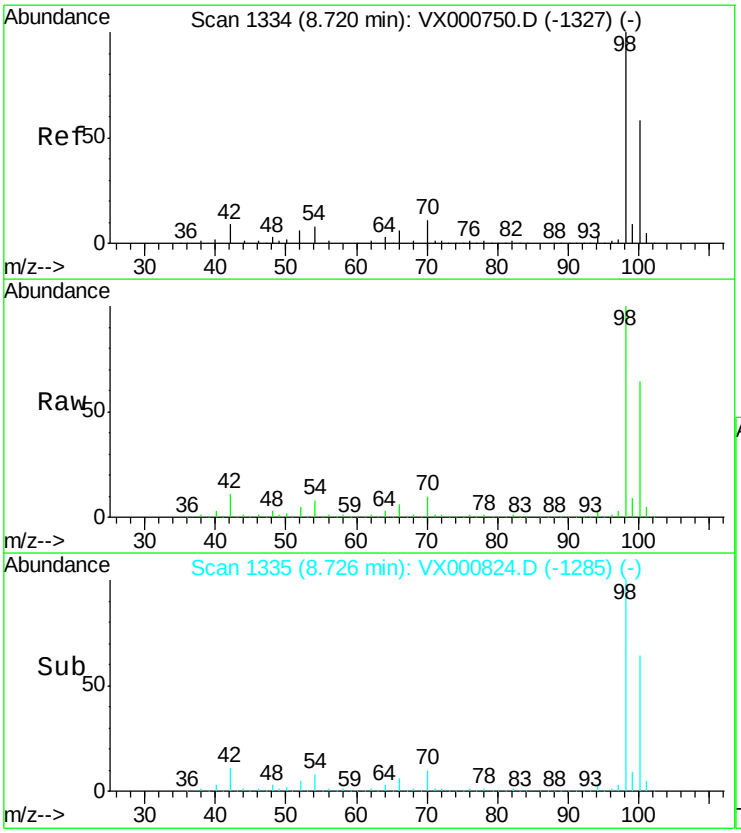
#43
Isopropyl Acetate
Concen: 0.36 ug/l
RT: 6.48 min Scan# 967
Delta R.T. 0.01 min
Lab File: VX000824.D
Acq: 13 Apr 2018 01:29

Instrument :
MSVOA_X
ClientSampleId :
PL-01-041118-C

Tgt Ion: 43 Resp: 2448

Ion	Ratio	Lower	Upper
43	100		
61	16.3	15.6	23.4
87	7.6	10.7	16.1#

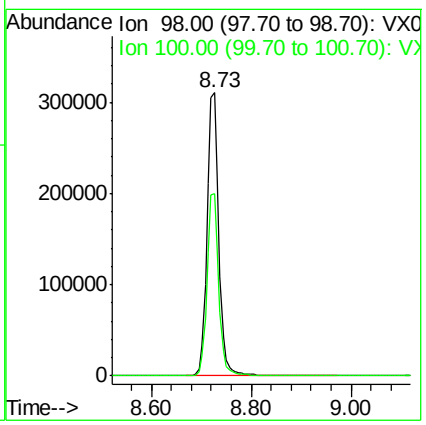


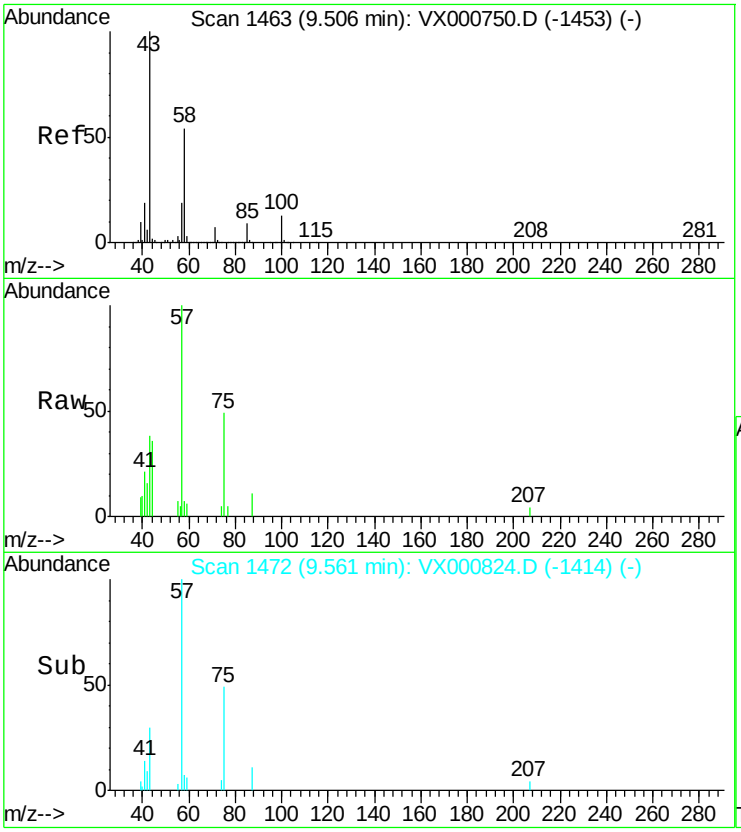


#50
Toluene-d8
Concen: 48.12 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.01 min
Lab File: VX000824.D
Acq: 13 Apr 2018 01:29

Tgt Ion: 98 Resp: 511583

Ion	Ratio	Lower	Upper
98	100		
100	64.2	52.6	79.0



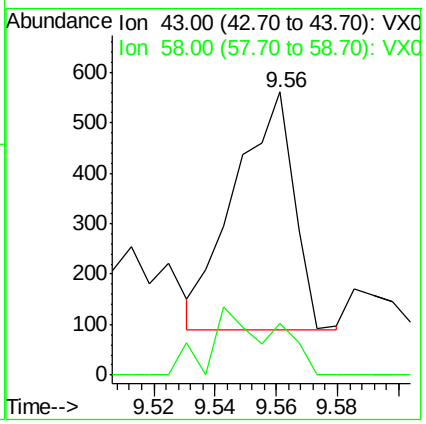


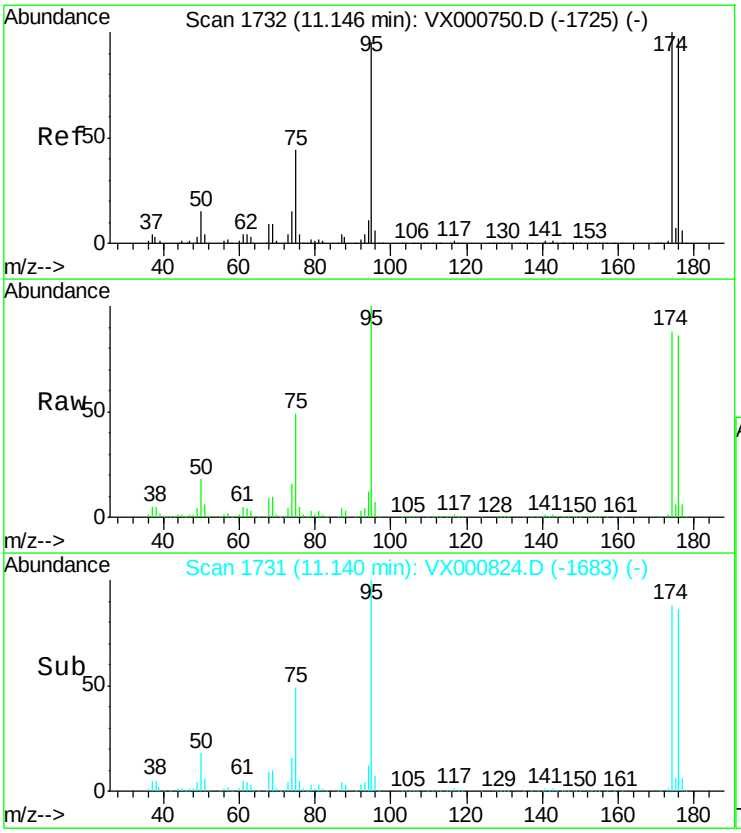
#59
2-Hexanone
Concen: 0.20 ug/l
RT: 9.56 min Scan# 1472
Delta R.T. 0.05 min
Lab File: VX000824.D
Acq: 13 Apr 2018 01:29

Instrument :
MSVOA_X
ClientSampleId :
PL-01-041118-C

Tgt Ion: 43 Resp: 630

Ion	Ratio	Lower	Upper
43	100		
58	30.3	26.5	79.5

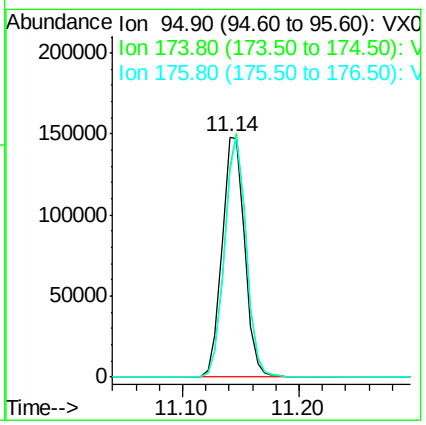


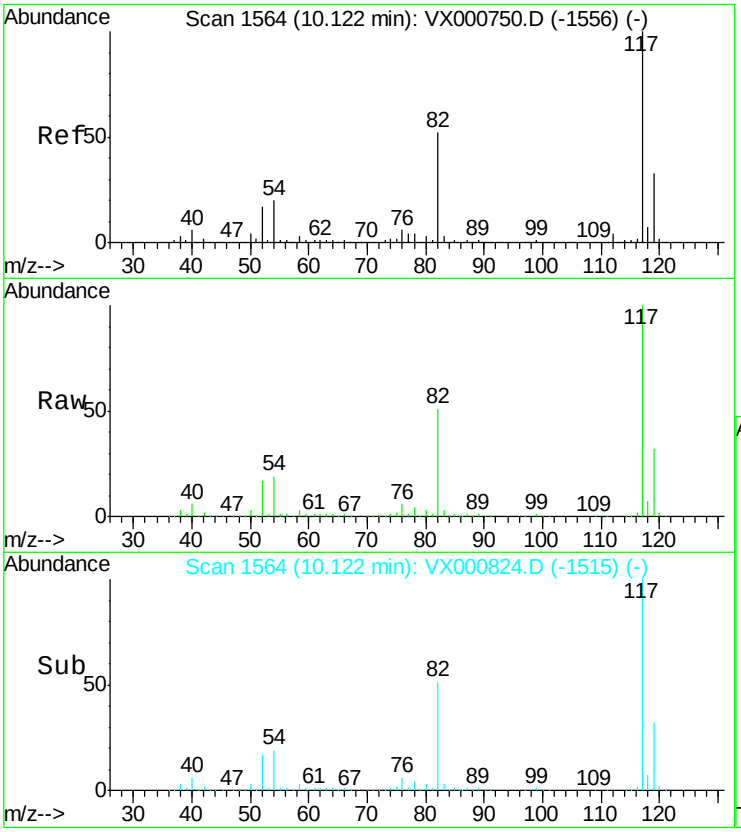


#62
4-Bromofluorobenzene
Concen: 45.22 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.01 min
Lab File: VX000824.D
Acq: 13 Apr 2018 01:29

Tgt Ion: 95 Resp: 198931

Ion	Ratio	Lower	Upper
95	100		
174	97.2	0.0	198.4
176	95.4	0.0	194.4



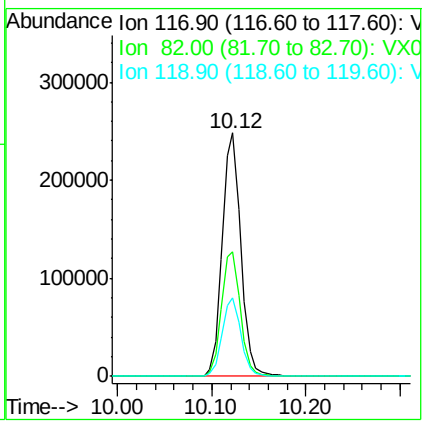


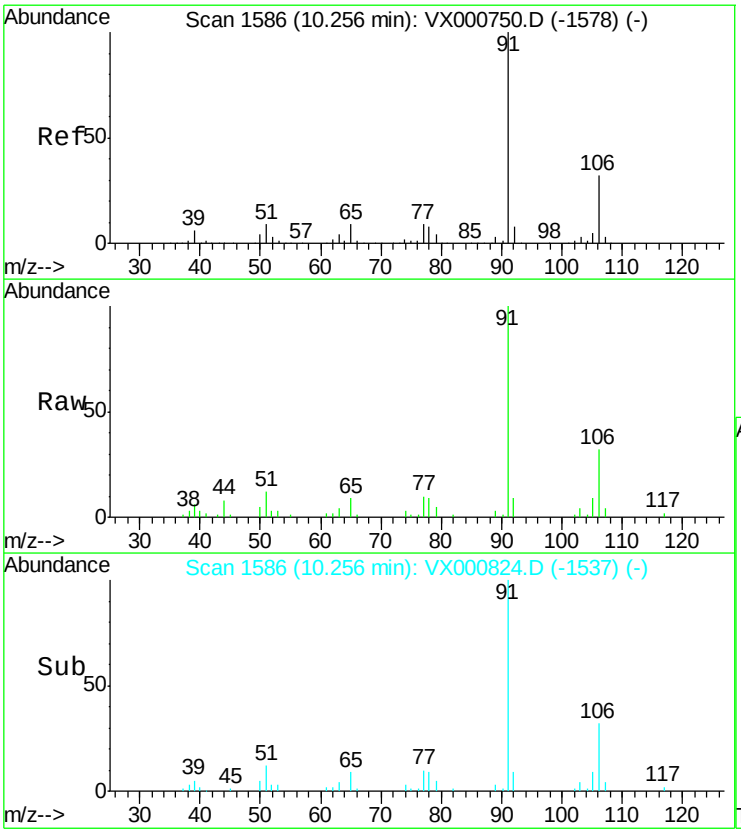
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000824.D
Acq: 13 Apr 2018 01:29

Instrument :
MSVOA_X
ClientSampleId :
PL-01-041118-C

Tgt Ion:117 Resp: 340346

Ion	Ratio	Lower	Upper
117	100		
82	51.2	41.9	62.9
119	32.2	26.0	39.0

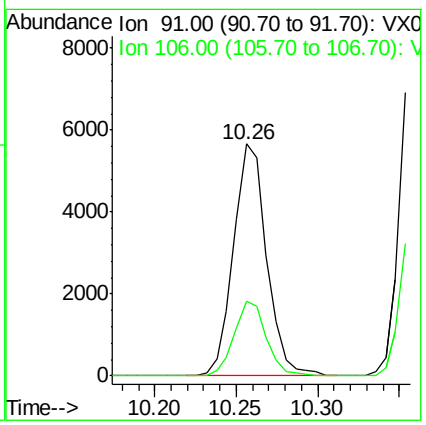


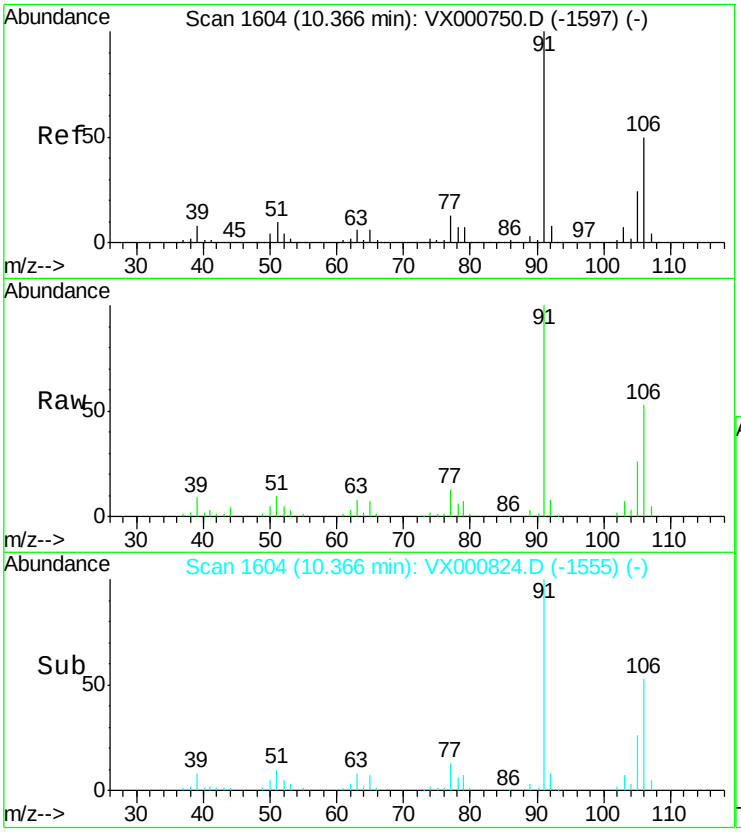


#67
Ethyl Benzene
Concen: 0.56 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX000824.D
Acq: 13 Apr 2018 01:29

Tgt Ion: 91 Resp: 8038

Ion	Ratio	Lower	Upper
91	100		
106	32.2	25.4	38.0



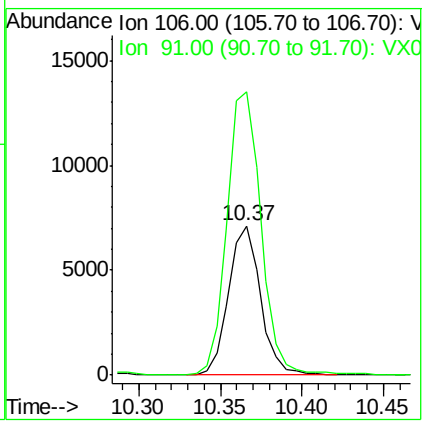


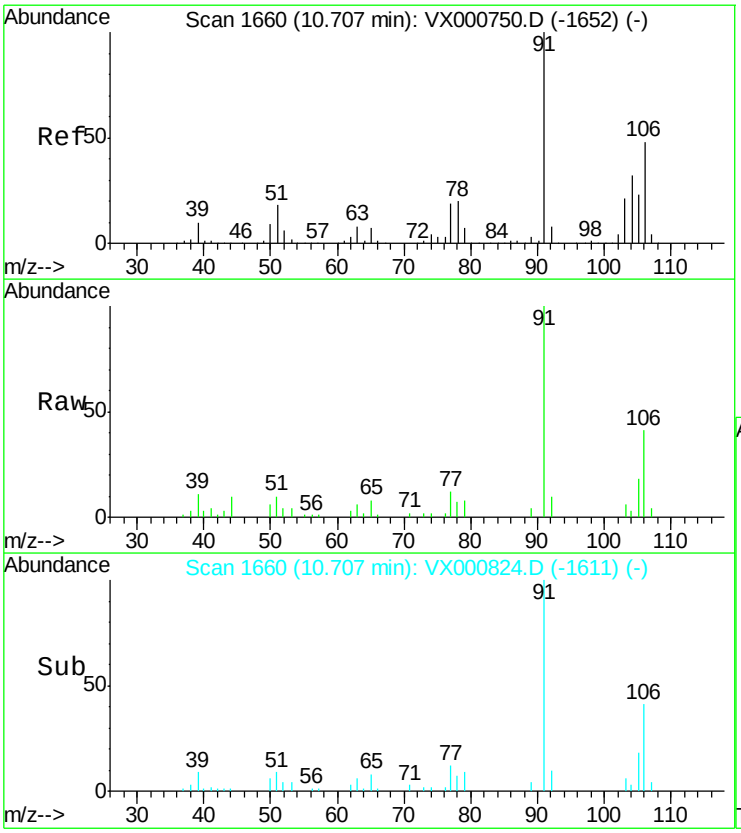
#68
m/p-Xylenes
Concen: 1.71 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000824.D
Acq: 13 Apr 2018 01:29

Instrument :
MSVOA_X
ClientSampleId :
PL-01-041118-C

Tgt Ion:106 Resp: 9651

Ion	Ratio	Lower	Upper
106	100		
91	203.8	159.3	238.9

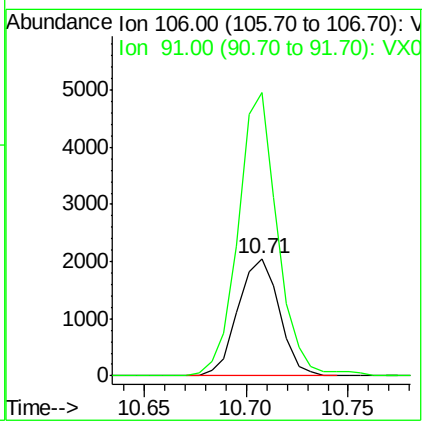


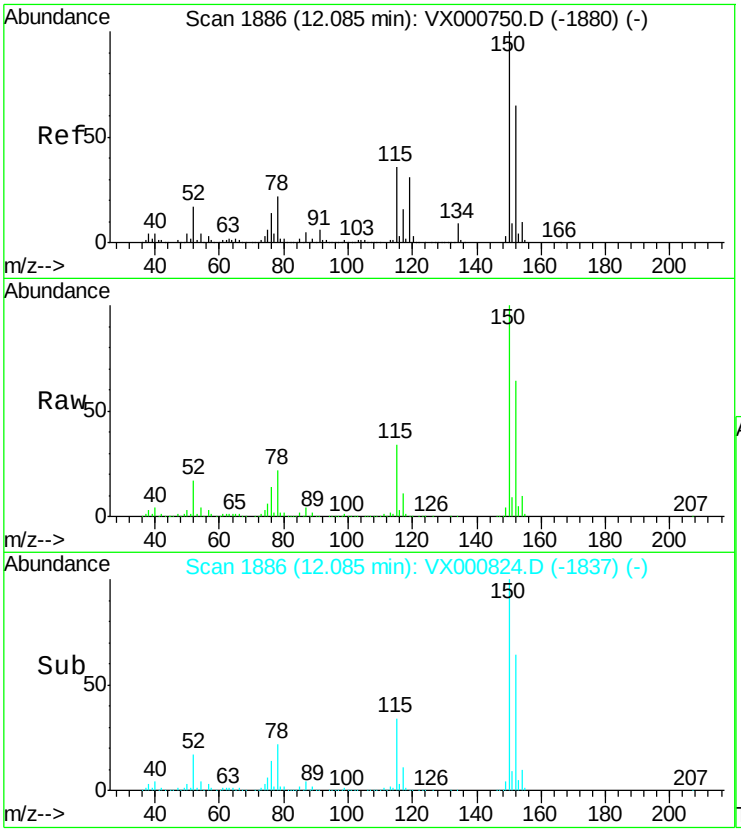


#69
o-Xylene
Concen: 0.53 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000824.D
Acq: 13 Apr 2018 01:29

Tgt Ion:106 Resp: 2867

Ion	Ratio	Lower	Upper
106	100		
91	232.3	105.0	315.0



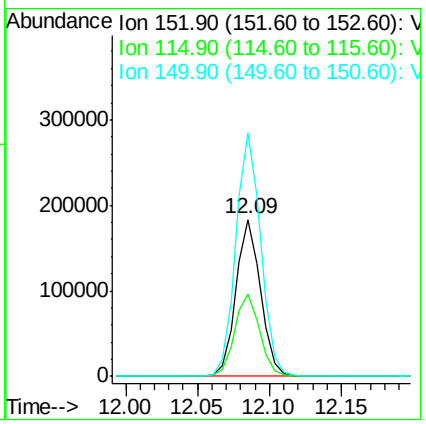


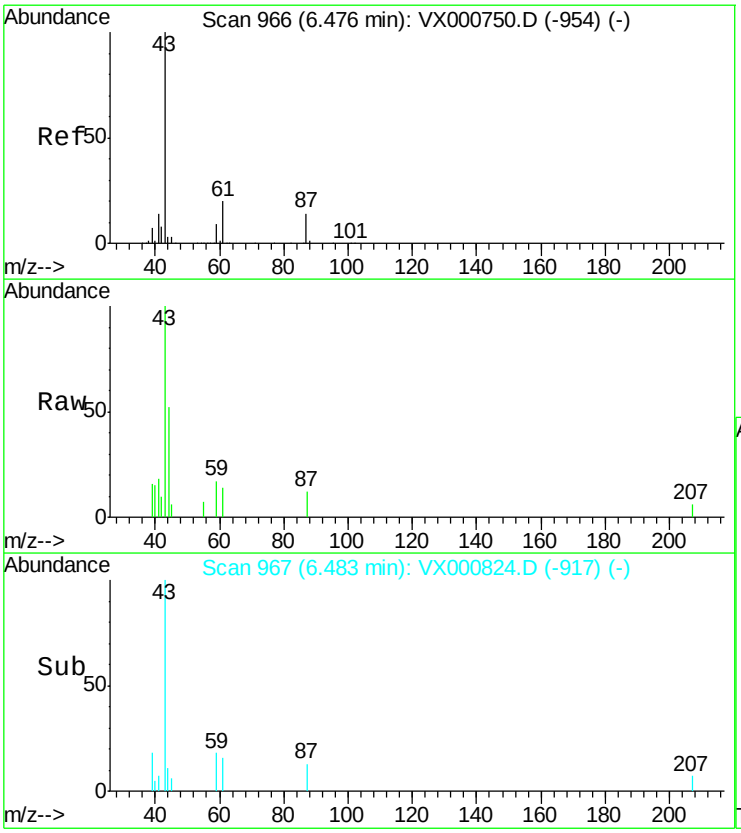
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000824.D
Acq: 13 Apr 2018 01:29

Instrument :
MSVOA_X
ClientSampleId :
PL-01-041118-C

Tgt Ion:152 Resp: 218402

Ion	Ratio	Lower	Upper
152	100		
115	53.3	37.9	113.7
150	157.4	0.0	348.0

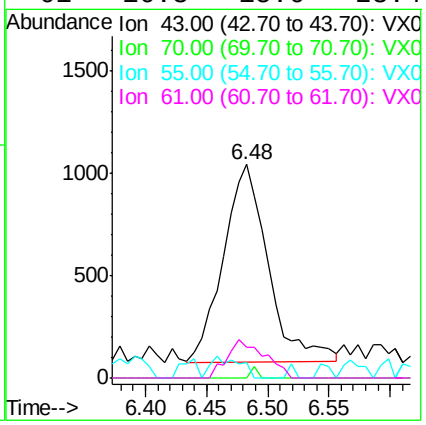


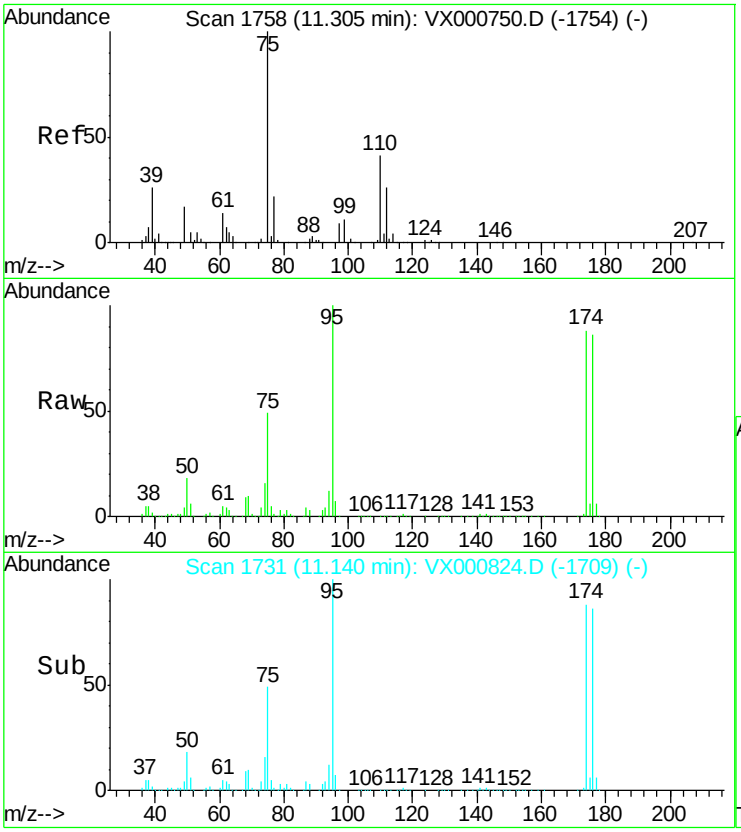


#74
N-amyl acetate
Concen: 0.39 ug/l
RT: 6.48 min Scan# 967
Delta R.T. 0.01 min
Lab File: VX000824.D
Acq: 13 Apr 2018 01:29

Tgt Ion: 43 Resp: 2448

Ion	Ratio	Lower	Upper
43	100		
70	0.9	0.0	0.0#
55	0.0	0.0	0.0
61	16.3	15.6	23.4



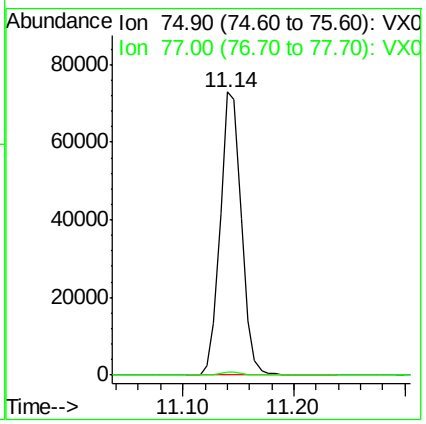


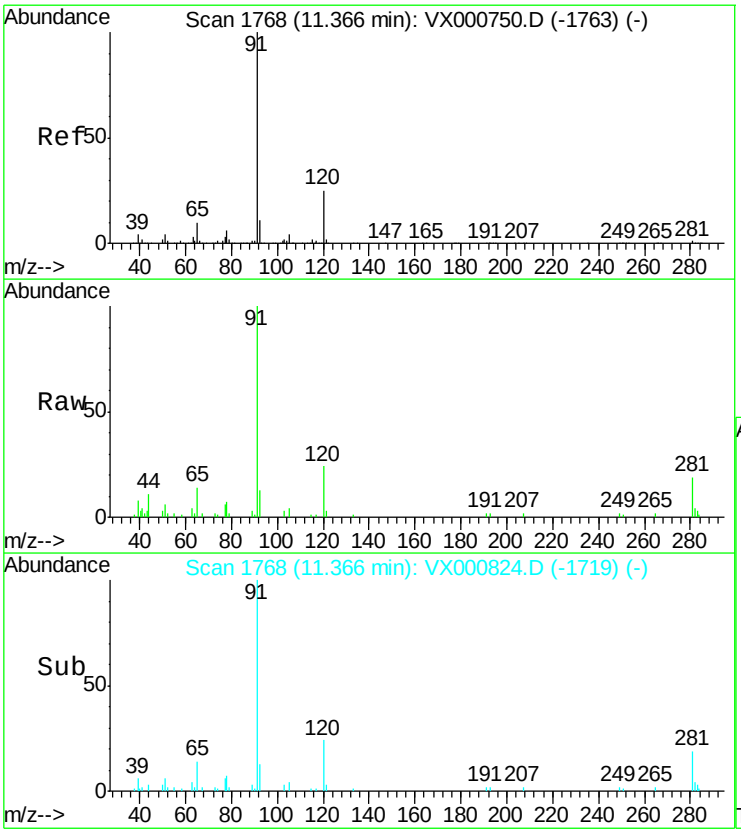
#76
1,2,3-Trichloropropane
Concen: 25.58 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX000824.D
Acq: 13 Apr 2018 01:29

Instrument :
MSVOA_X
ClientSampleId :
PL-01-041118-C

Tgt Ion: 75 Resp: 96344

Ion	Ratio	Lower	Upper
75	100		
77	1.3	20.5	61.5#

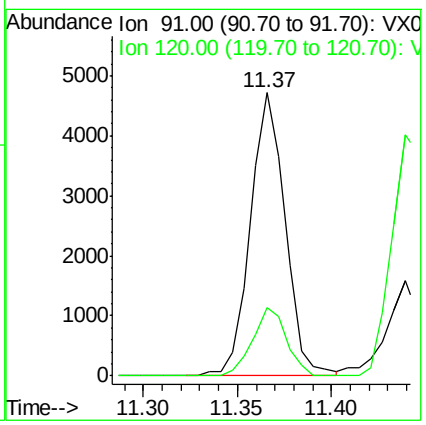


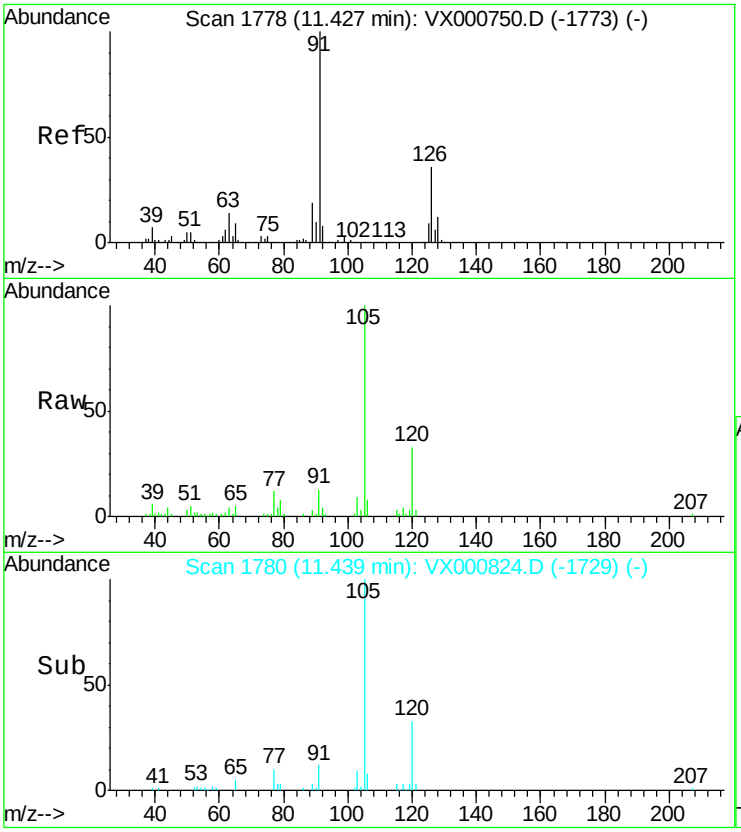


#78
n-propylbenzene
Concen: 0.38 ug/l
RT: 11.37 min Scan# 1768
Delta R.T. -0.00 min
Lab File: VX000824.D
Acq: 13 Apr 2018 01:29

Tgt Ion: 91 Resp: 6033

Ion	Ratio	Lower	Upper
91	100		
120	23.5	12.6	37.6



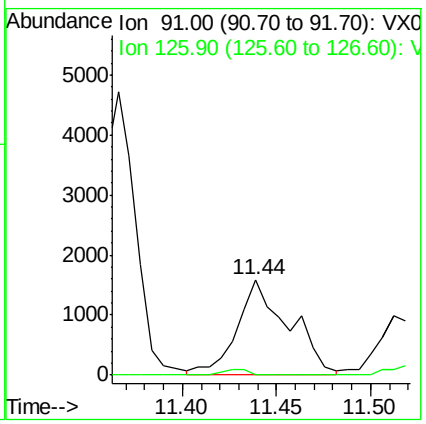


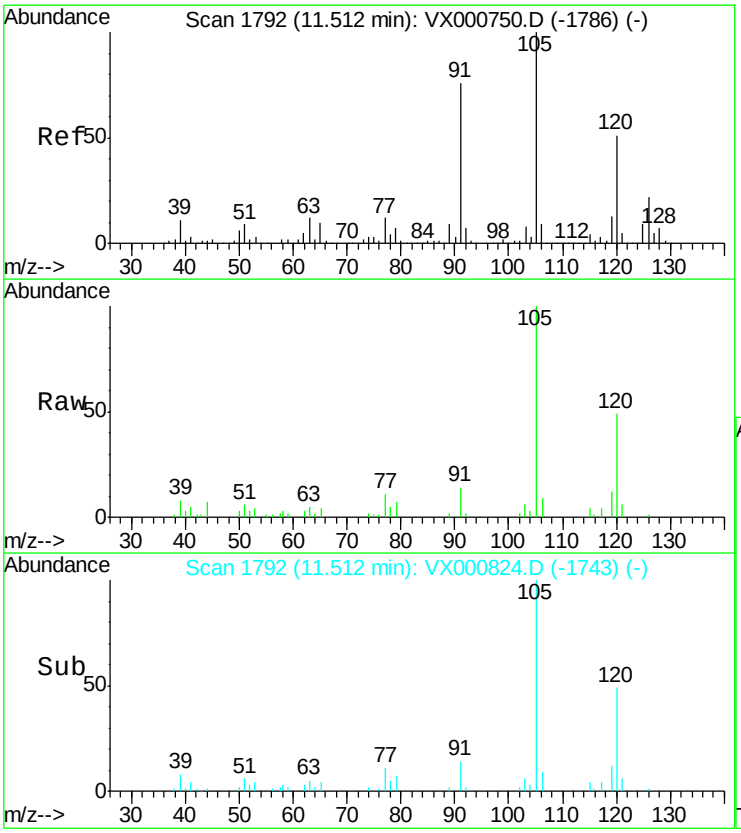
#79
2-Chlorotoluene
Concen: 0.32 ug/l
RT: 11.44 min Scan# 1780
Delta R.T. 0.01 min
Lab File: VX000824.D
Acq: 13 Apr 2018 01:29

Instrument :
MSVOA_X
ClientSampleId :
PL-01-041118-C

Tgt Ion: 91 Resp: 3028

Ion	Ratio	Lower	Upper
91	100		
126	3.0	18.3	54.9#

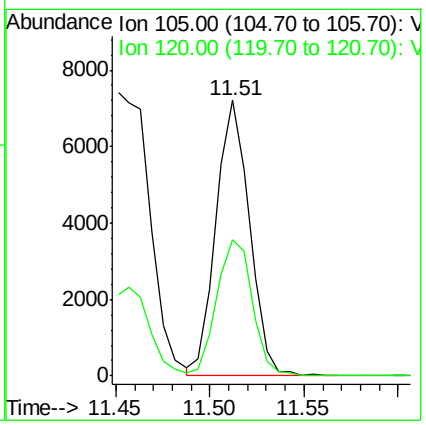


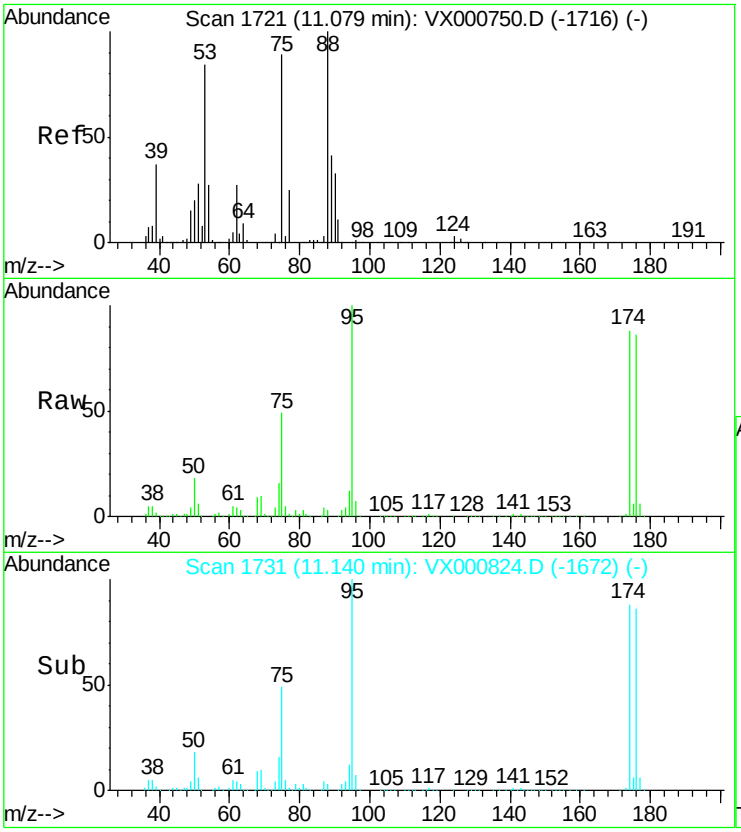


#80
1,3,5-Trimethylbenzene
Concen: 0.75 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX000824.D
Acq: 13 Apr 2018 01:29

Tgt Ion:105 Resp: 8926

Ion	Ratio	Lower	Upper
105	100		
120	52.2	25.0	75.0



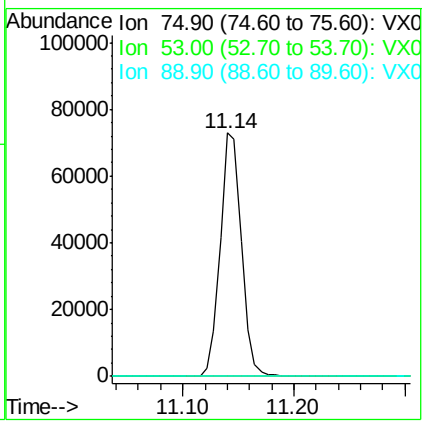


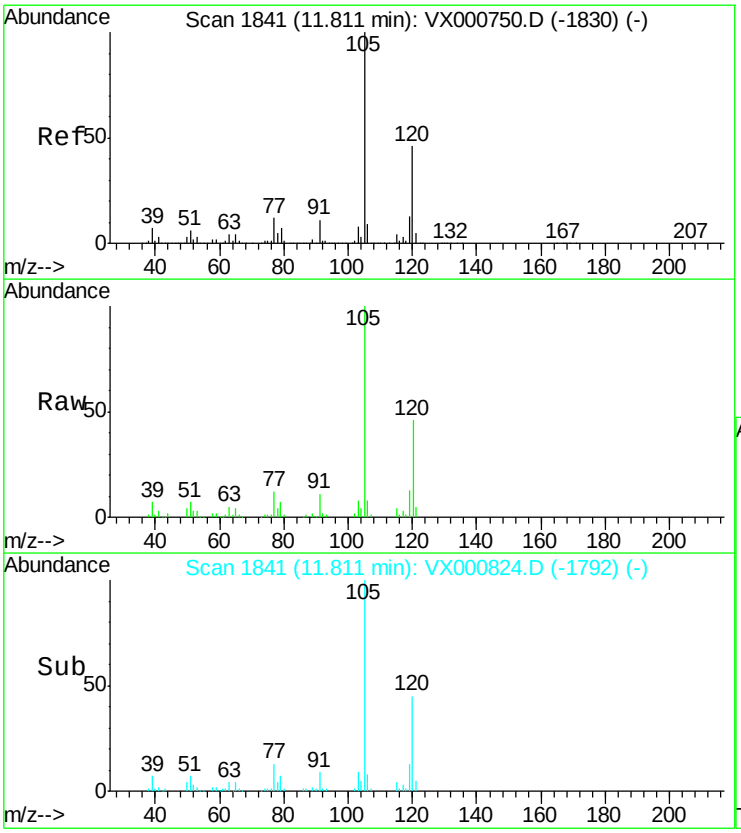
#81
trans-1,4-Dichloro-2-butene
Concen: 70.36 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX000824.D
Acq: 13 Apr 2018 01:29

Instrument :
MSVOA_X
ClientSampleId :
PL-01-041118-C

Tgt Ion: 75 Resp: 96344

Ion	Ratio	Lower	Upper
75	100		
53	0.0	75.4	113.0#
89	0.0	40.9	61.3#

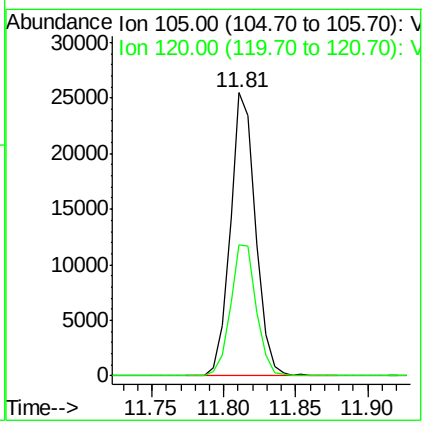


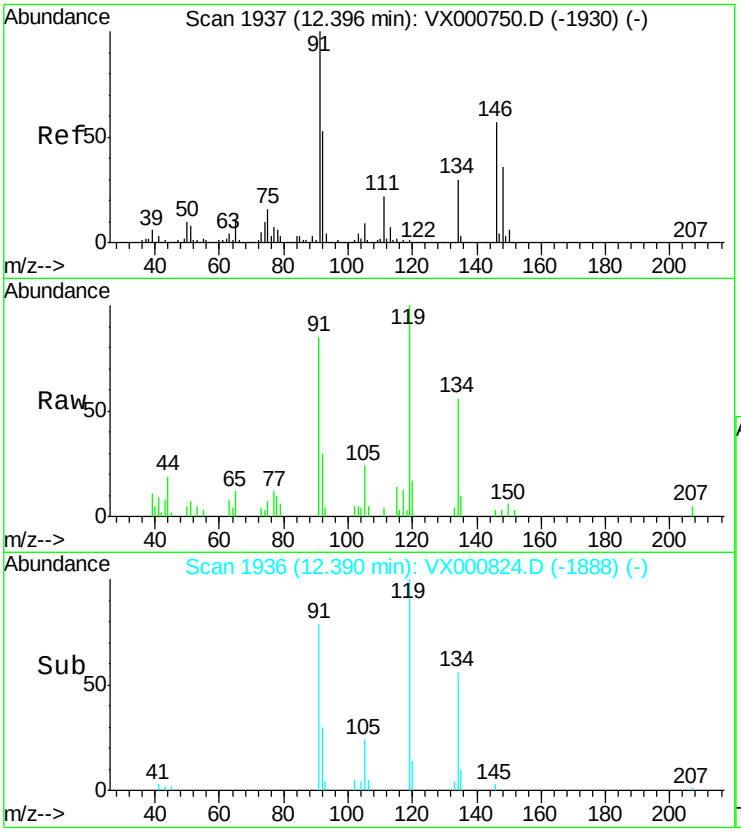


#84
1,2,4-Trimethylbenzene
Concen: 2.55 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX000824.D
Acq: 13 Apr 2018 01:29

Tgt Ion:105 Resp: 31315

Ion	Ratio	Lower	Upper
105	100		
120	47.0	23.1	69.3



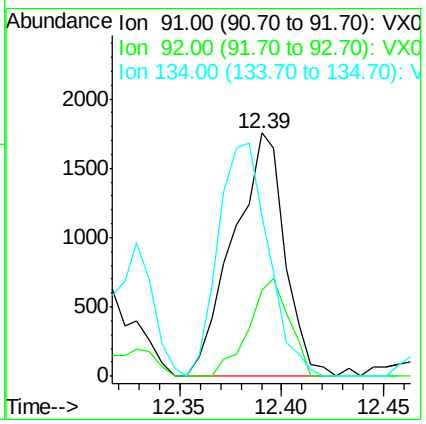


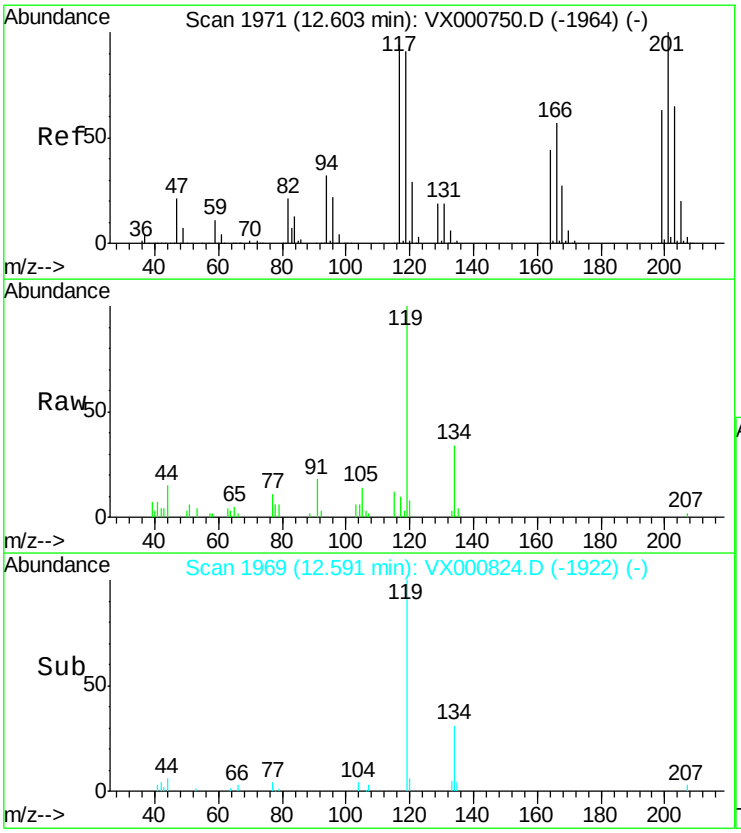
#89
n-Butylbenzene
Concen: 0.26 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.01 min
Lab File: VX000824.D
Acq: 13 Apr 2018 01:29

Instrument :
MSVOA_X
ClientSampleId :
PL-01-041118-C

Tgt Ion: 91 Resp: 3077

Ion	Ratio	Lower	Upper
91	100		
92	31.5	26.5	79.5
134	92.9	14.5	43.5#

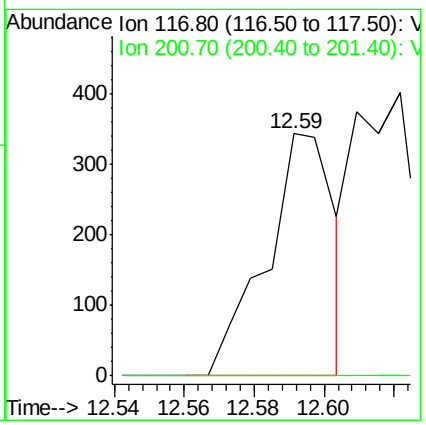


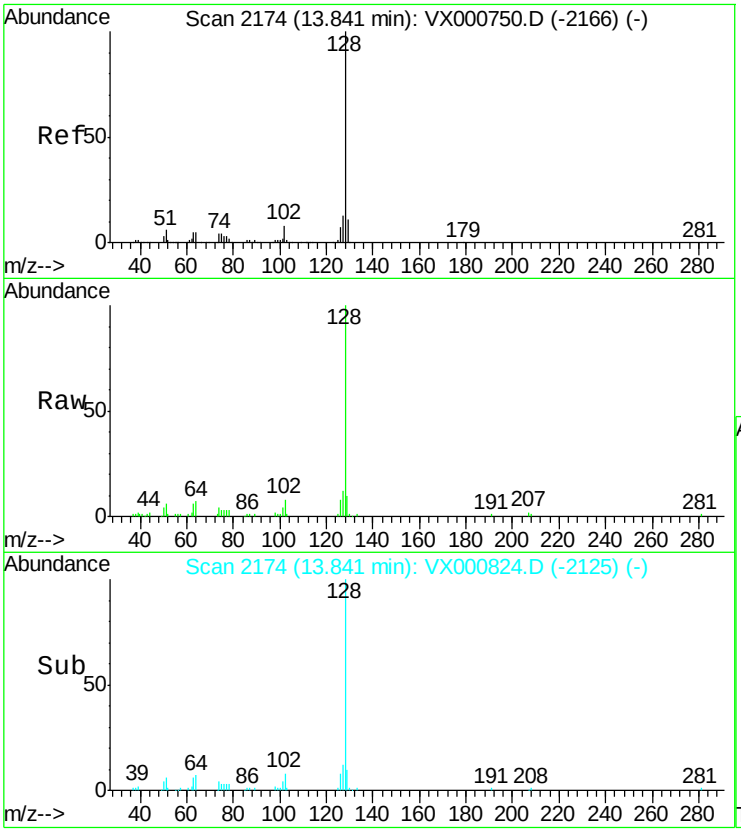


#90
Hexachloroethane
Concen: 0.20 ug/l
RT: 12.59 min Scan# 1969
Delta R.T. -0.01 min
Lab File: VX000824.D
Acq: 13 Apr 2018 01:29

Tgt Ion:117 Resp: 463

Ion	Ratio	Lower	Upper
117	100		
201	0.0	52.9	158.7#





#95
Naphthalene
Concen: 0.97 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX000824.D
Acq: 13 Apr 2018 01:29

Instrument :
MSVOA_X
ClientSampleId :
PL-01-041118-C

Tgt Ion:128 Resp: 15428

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	11.4	8.7	13.1