Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX113018\
Data File : VX006223.D
Acq On : 30 Nov 2018 11:53
Operator : JC/MD
Sample : J6134-07DL 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : DUP-1DL

Quant Time: Nov 30 22:16:37 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	953065	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	1391445	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	1269914	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	655548	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	452641	46.52	ug/l		0.00
Spiked Amount 50.000			Recovery = 93.04%				
35) Dibromofluoromethane	5.50	113	446134	49.52	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.04%				
50) Toluene-d8	8.71	98	1626488	49.63	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.26%				
62) 4-Bromofluorobenzene	11.14	95	610771	49.46	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.92%				
Target Compounds							Qvalue
4) Vinyl Chloride	1.41	62	12430	1.204	ug/l		97
11) Tert butyl alcohol	3.03	59	6729	2.529	ug/l	#	73
16) Acetone	2.45	43	4712	1.032	ug/l	#	85
21) trans-1,2-Dichloroethene	3.17	96	3702	0.403	ug/l		96
27) cis-1,2-Dichloroethene	4.60	96	318691	31.088	ug/l		89
36) 1,1-Dichloropropene	5.66	75	55560	4.742	ug/l	#	50
38) Carbon Tetrachloride	5.67	117	84387	6.122	ug/l	#	18
39) Methylcyclohexane	7.46	83	3076	0.202	ug/l	#	77
40) Benzene	6.15	78	8425	0.240	ug/l		94
49) 1,4-Dioxane	7.73	88	148	0.564	ug/l	#	1
52) Toluene	8.79	92	131848	5.711	ug/l		99
67) Ethyl Benzene	10.25	91	53075	1.184	ug/l		92
68) m/p-Xylenes	10.36	106	139836	7.786	ug/l		100
69) o-Xylene	10.69	106	95536	5.385	ug/l		100
76) 1,2,3-Trichloropropane	11.13	75	277458	21.928	ug/l	#	37
78) n-propylbenzene	11.36	91	14144	0.281	ug/l		94
79) 2-Chlorotoluene	11.43	91	24744	0.827	ug/l	#	53
80) 1,3,5-Trimethylbenzene	11.51	105	161959	4.300	ug/l		100
81) trans-1,4-Dichloro-2-buten	11.13	75	277458	51.459	ug/l	#	15
82) 4-Chlorotoluene	11.51	91	18270	0.525	ug/l	#	48
83) tert-Butylbenzene	11.77	119	10235	0.255	ug/l		78
84) 1,2,4-Trimethylbenzene	11.80	105	209248	5.380	ug/l		97
85) sec-Butylbenzene	11.80	105	209248	4.577	ug/l	#	54
86) p-Isopropyltoluene	12.06	119	20196	0.491	ug/l		89
89) n-Butylbenzene	12.37	91	32951	0.938	ug/l	#	1
90) Hexachloroethane	12.61	117	3819	0.455	ug/l	#	7
95) Naphthalene	13.83	128	97306	1.933	ug/l		97

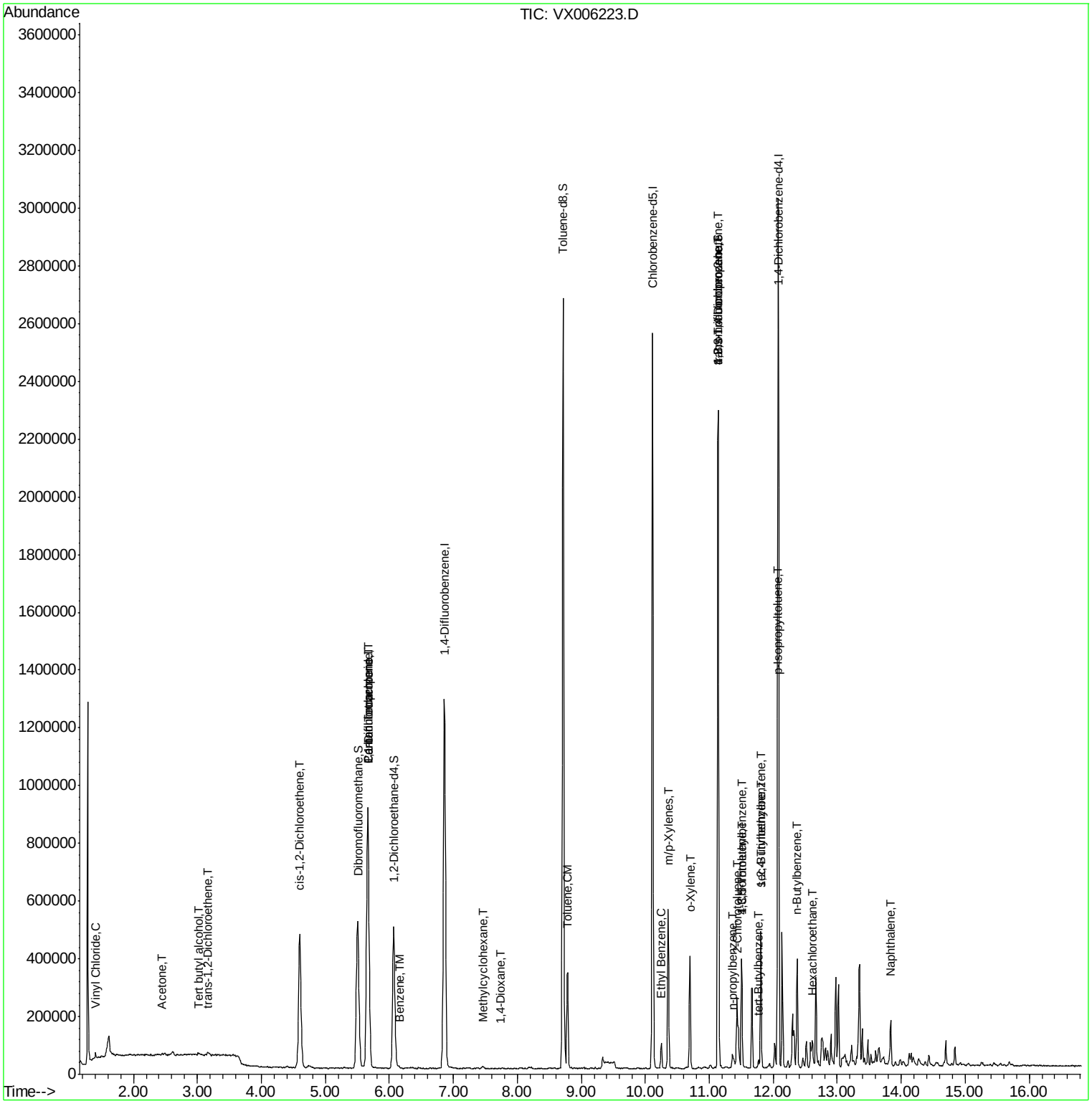
(#) = qualifier out of range (m) = manual integration (+) = signals summed

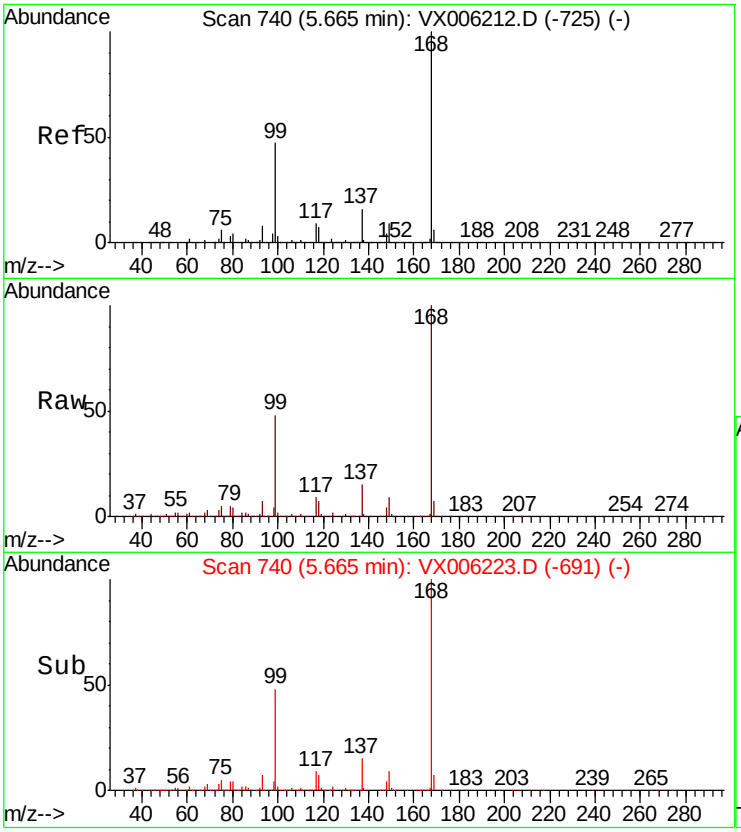
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX113018\
Data File : VX006223.D
Acq On : 30 Nov 2018 11:53
Operator : JC/MD
Sample : J6134-07DL 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
DUP-1DL

Quant Time: Nov 30 22:16:37 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration



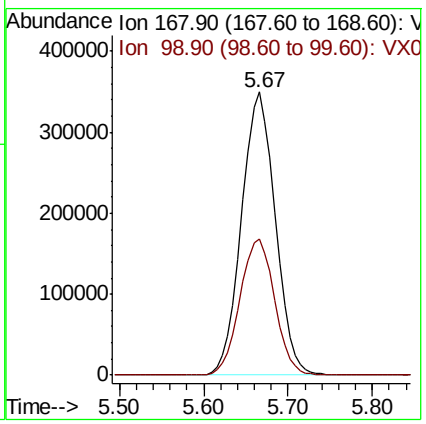


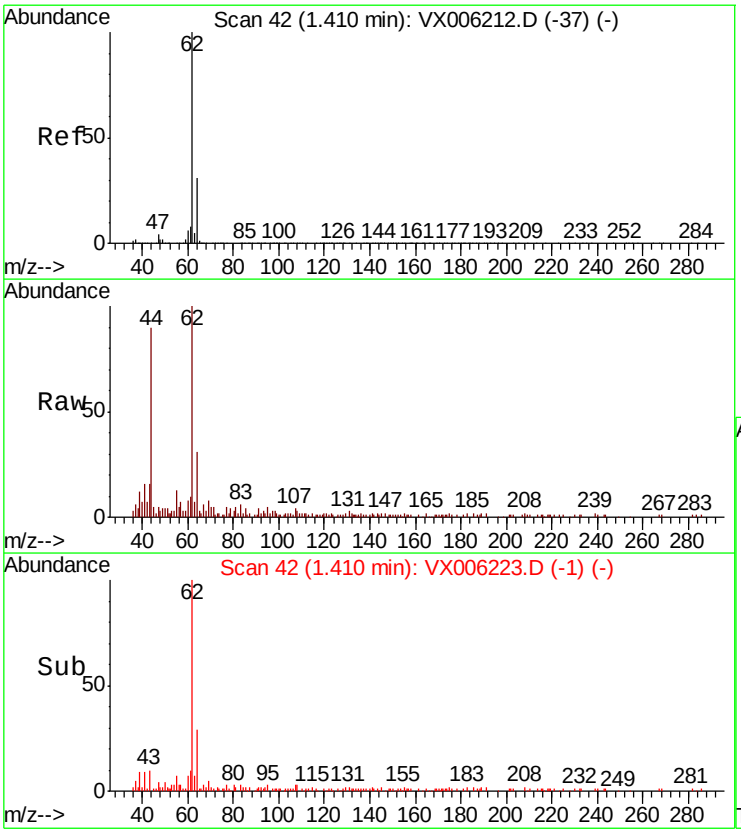
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX006223.D
Acq: 30 Nov 2018 11:53

Instrument :
MSVOA_X
ClientSampleId :
DUP-1DL

Tgt Ion:168 Resp: 953065

Ion	Ratio	Lower	Upper
168	100		
99	48.3	37.8	56.8

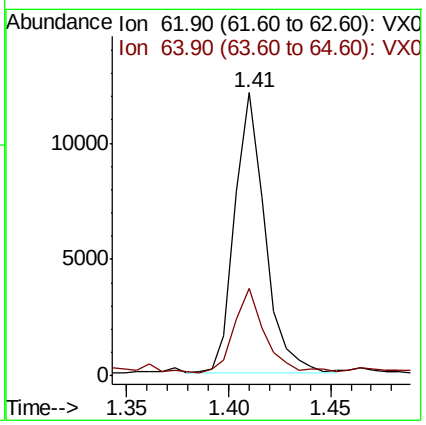


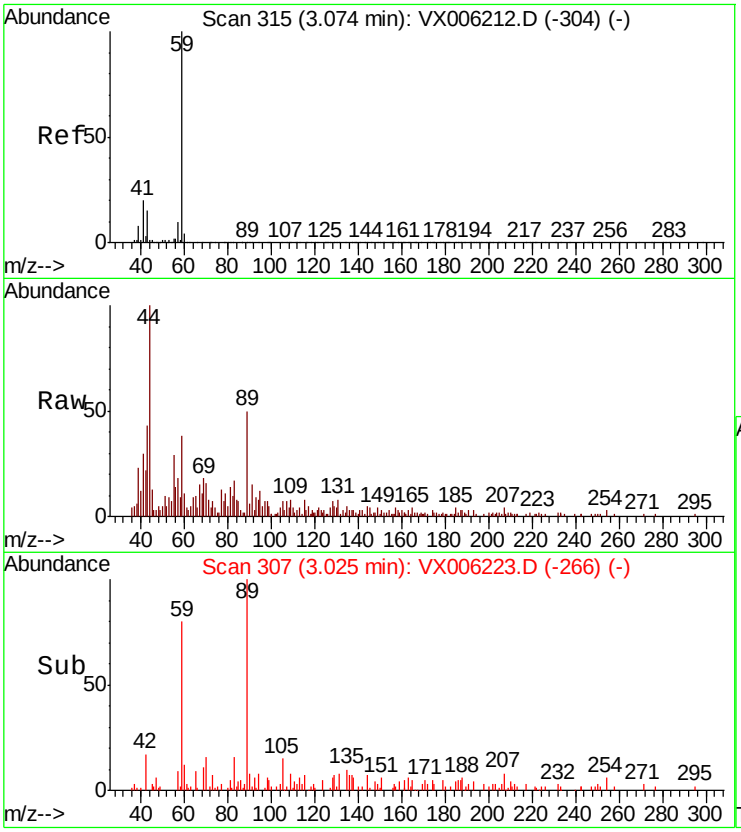


#4
Vinyl Chloride
Concen: 1.204 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX006223.D
Acq: 30 Nov 2018 11:53

Tgt Ion: 62 Resp: 12430

Ion	Ratio	Lower	Upper
62	100		
64	29.5	24.9	37.3



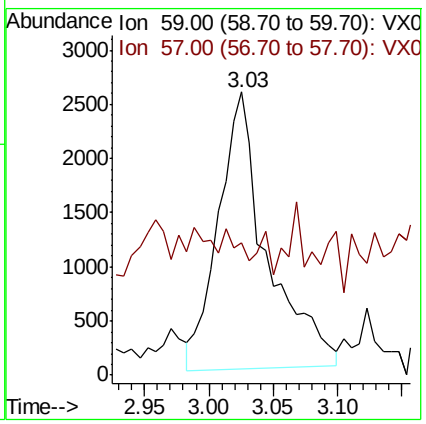


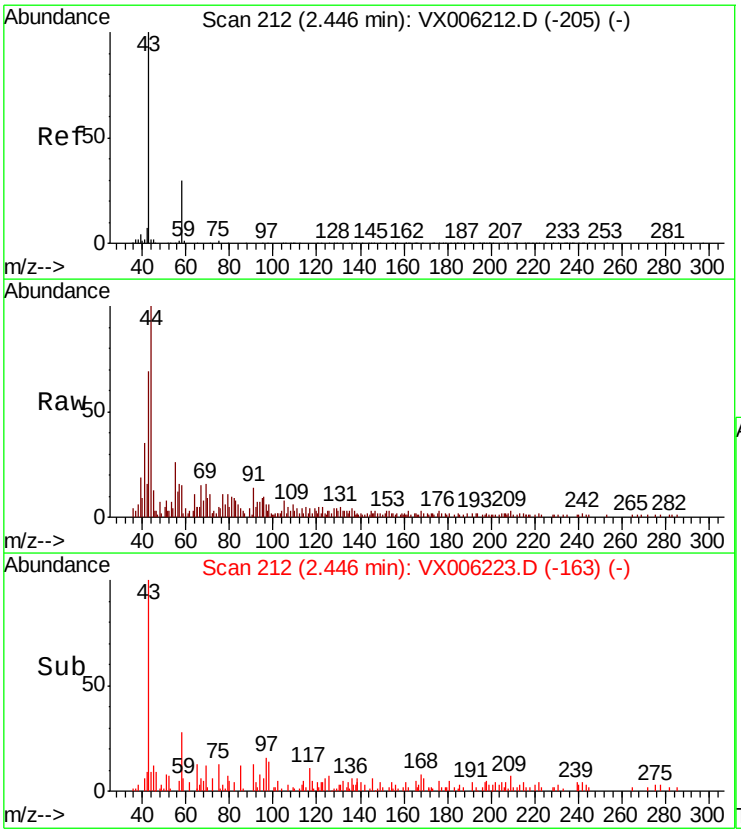
#11
Tert butyl alcohol
Concen: 2.529 ug/l
RT: 3.03 min Scan# 307
Delta R.T. -0.05 min
Lab File: VX006223.D
Acq: 30 Nov 2018 11:53

Instrument : MSVOA_X
ClientSampleId : DUP-1DL

Tgt Ion: 59 Resp: 6729

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.2#

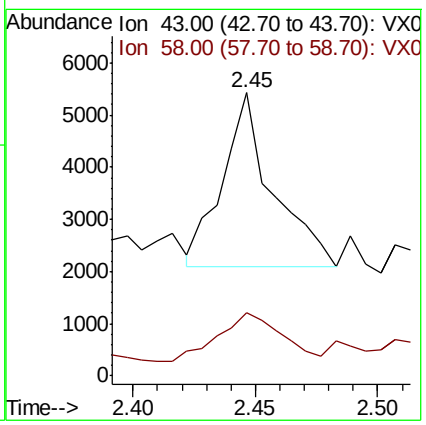


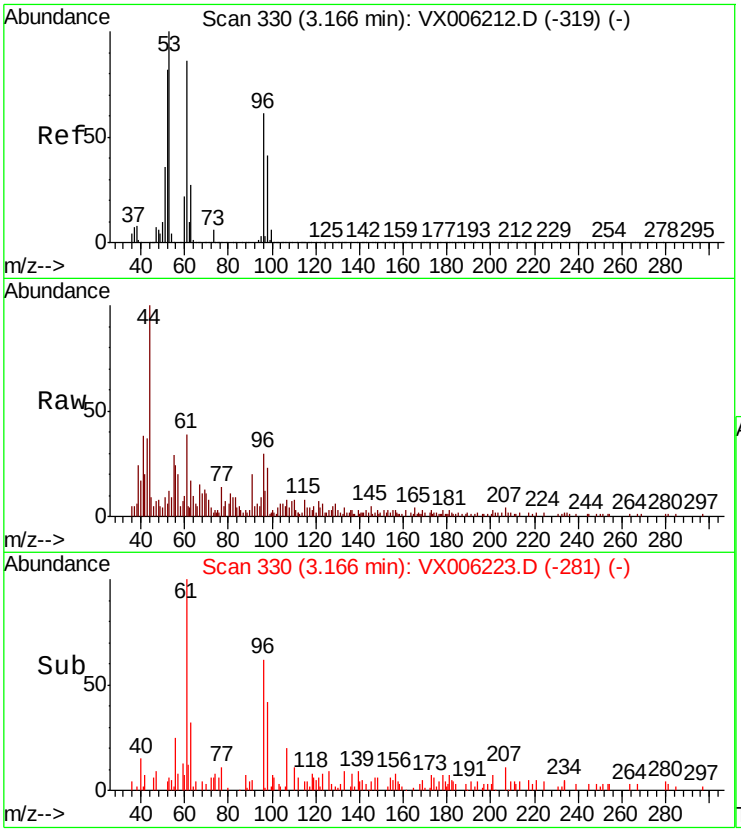


#16
Acetone
Concen: 1.032 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX006223.D
Acq: 30 Nov 2018 11:53

Tgt Ion: 43 Resp: 4712

Ion	Ratio	Lower	Upper
43	100		
58	21.7	24.0	36.0#



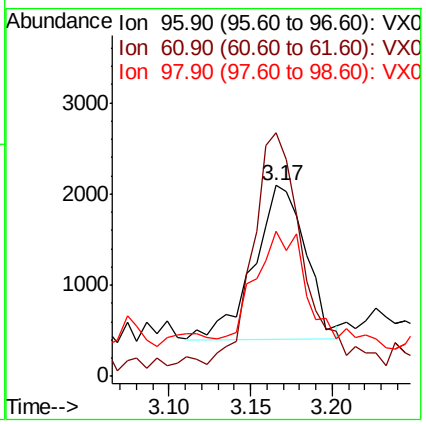


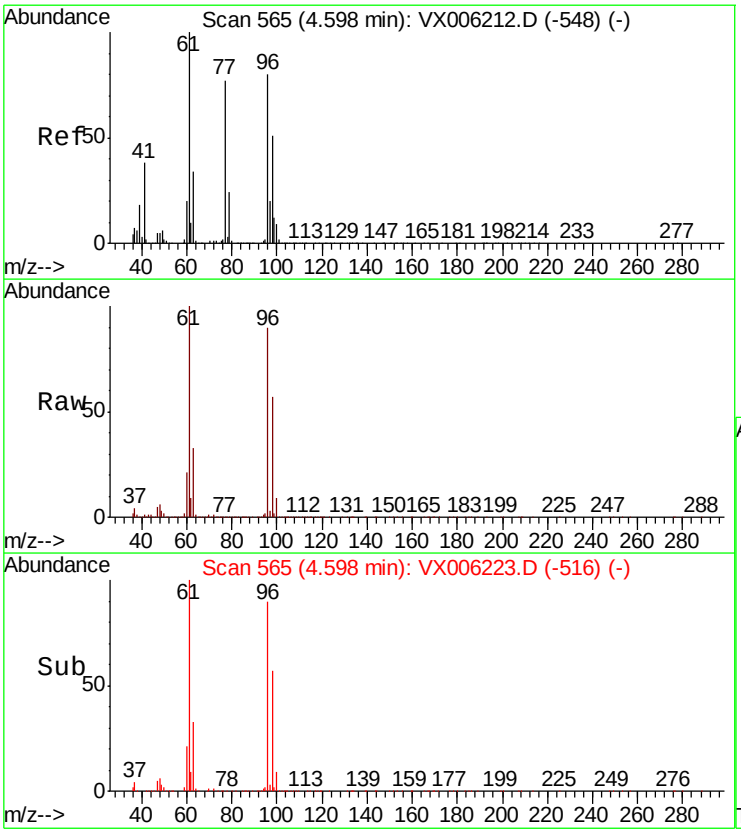
#21
trans-1,2-Dichloroethene
Concen: 0.403 ug/l
RT: 3.17 min Scan# 330
Delta R.T. 0.00 min
Lab File: VX006223.D
Acq: 30 Nov 2018 11:53

Instrument :
MSVOA_X
ClientSampleId :
DUP-1DL

Tgt Ion: 96 Resp: 3702

Ion	Ratio	Lower	Upper
96	100		
61	146.4	113.3	169.9
98	70.5	53.2	79.8

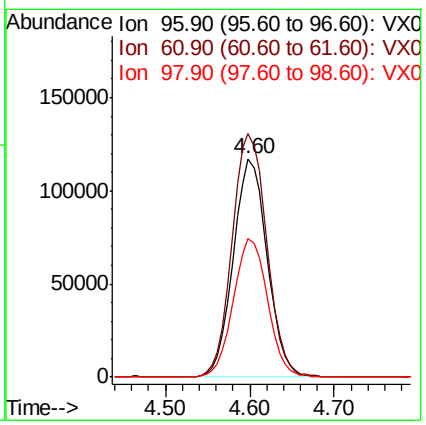


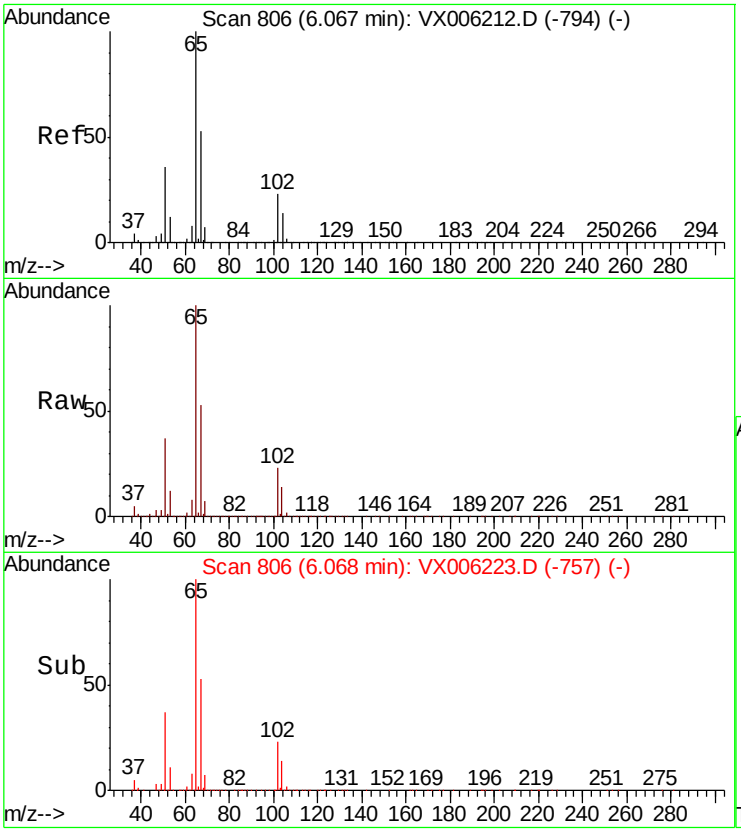


#27
cis-1,2-Dichloroethene
Concen: 31.088 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006223.D
Acq: 30 Nov 2018 11:53

Tgt Ion: 96 Resp: 318691

Ion	Ratio	Lower	Upper
96	100		
61	113.9	0.0	265.0
98	64.0	0.0	130.2



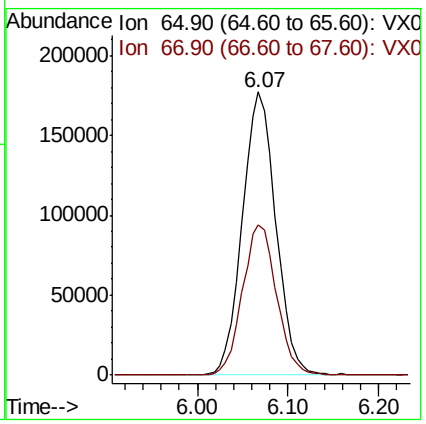


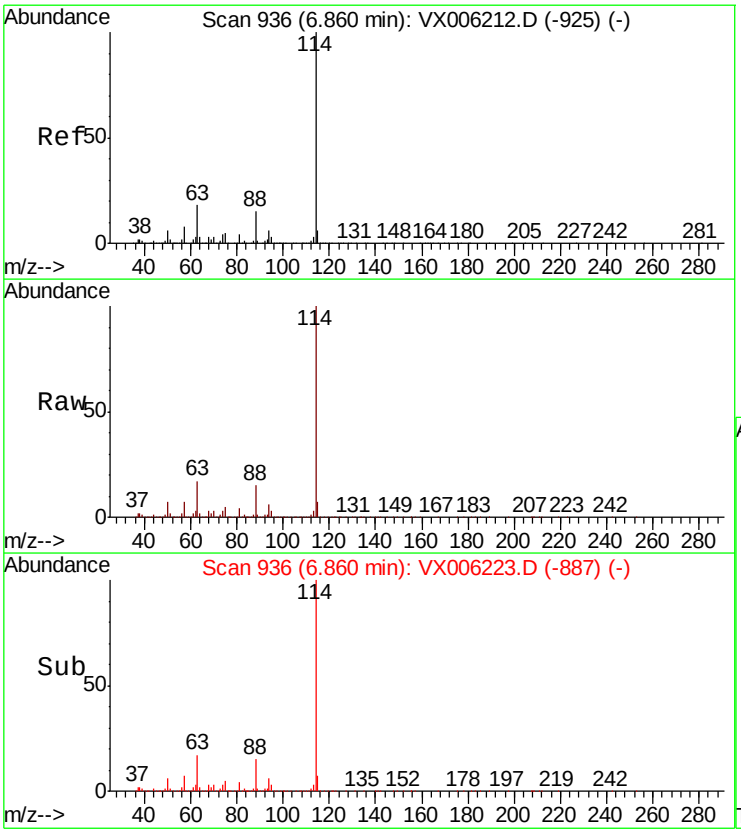
#33
1,2-Dichloroethane-d4
Concen: 46.524 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX006223.D
Acq: 30 Nov 2018 11:53

Instrument :
MSVOA_X
ClientSampleId :
DUP-1DL

Tgt Ion: 65 Resp: 452641

Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	107.2

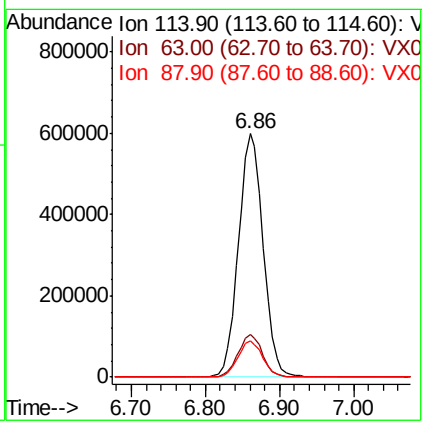


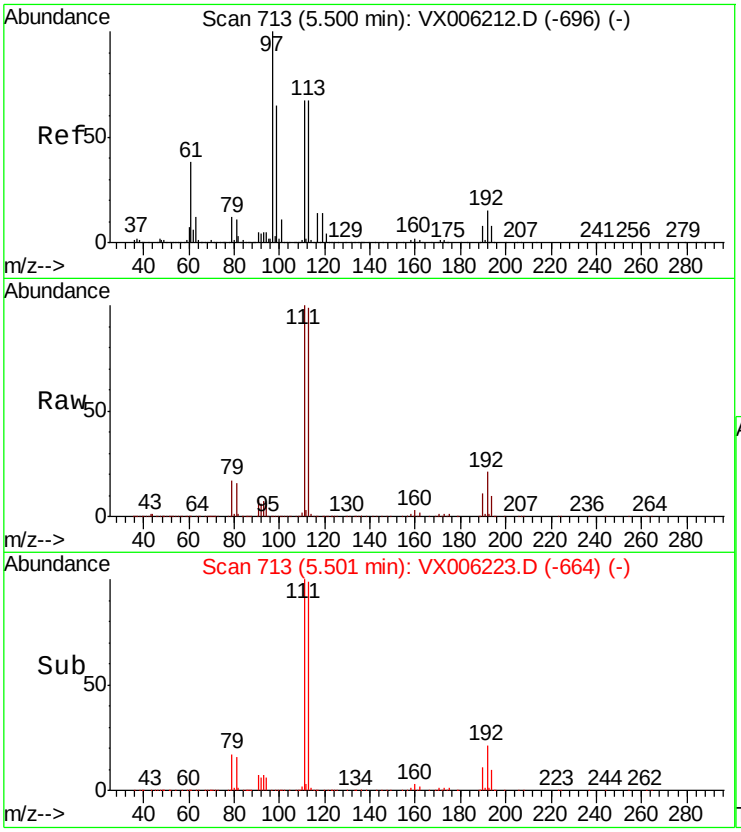


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX006223.D
Acq: 30 Nov 2018 11:53

Tgt Ion:114 Resp: 1391445

Ion	Ratio	Lower	Upper
114	100		
63	17.3	0.0	36.6
88	14.9	0.0	29.0



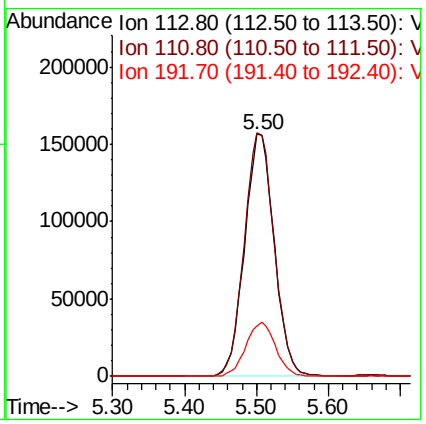


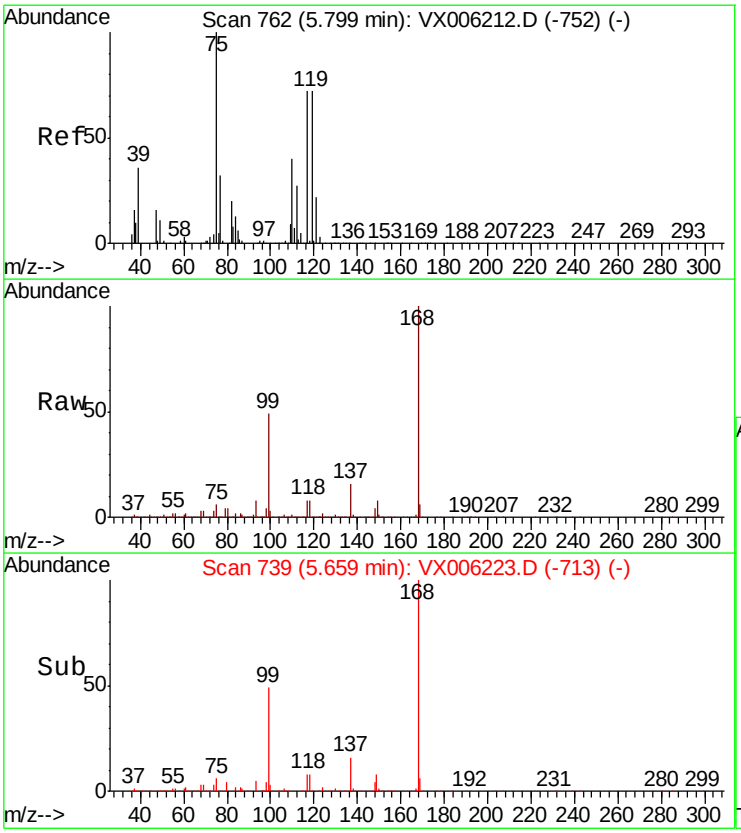
#35
Dibromofluoromethane
Concen: 49.521 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX006223.D
Acq: 30 Nov 2018 11:53

Instrument :
MSVOA_X
ClientSampleId :
DUP-1DL

Tgt Ion:113 Resp: 446134

Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.1	121.7
192	22.4	18.2	27.2

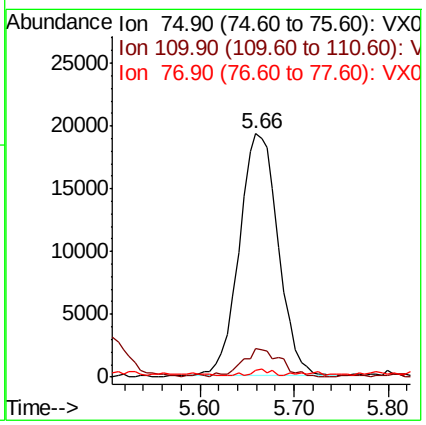


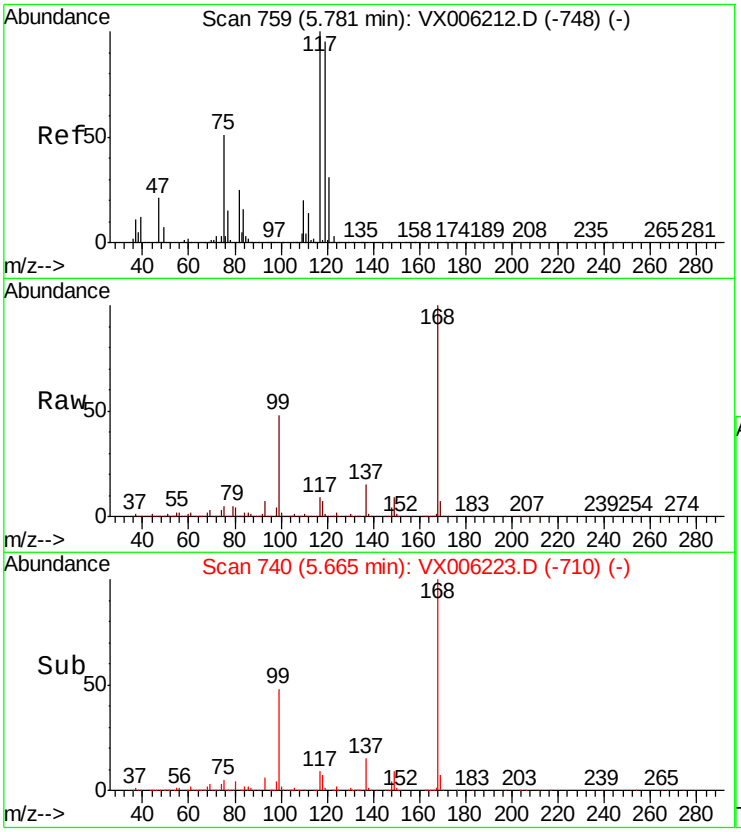


#36
1,1-Dichloropropene
Concen: 4.742 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX006223.D
Acq: 30 Nov 2018 11:53

Tgt Ion: 75 Resp: 55560

Ion	Ratio	Lower	Upper
75	100		
110	11.6	20.4	61.3#
77	1.3	24.9	37.3#



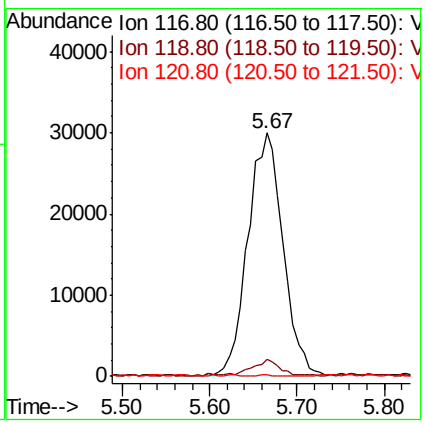


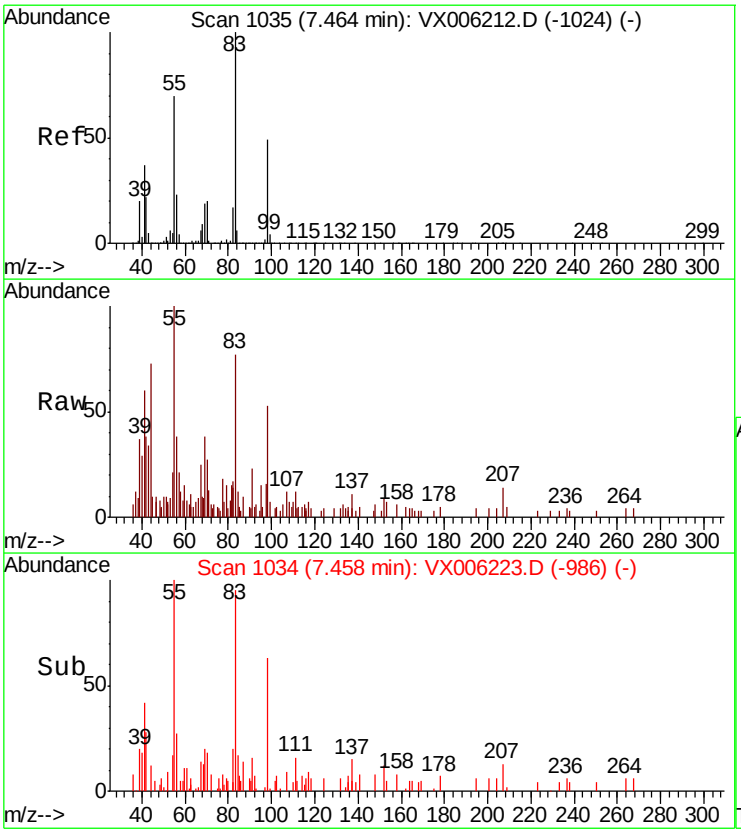
#38
Carbon Tetrachloride
Concen: 6.122 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX006223.D
Acq: 30 Nov 2018 11:53

Instrument :
MSVOA_X
ClientSampleId :
DUP-1DL

Tgt Ion:117 Resp: 84387

Ion	Ratio	Lower	Upper
117	100		
119	6.9	75.8	113.8#
121	0.0	24.6	37.0#

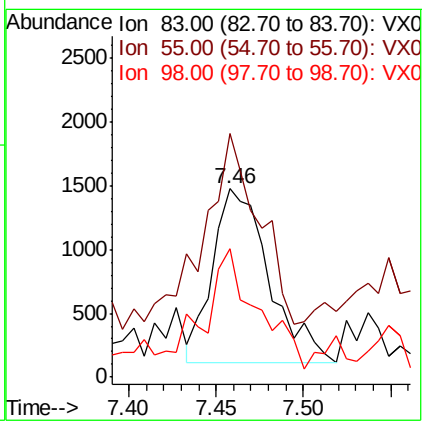


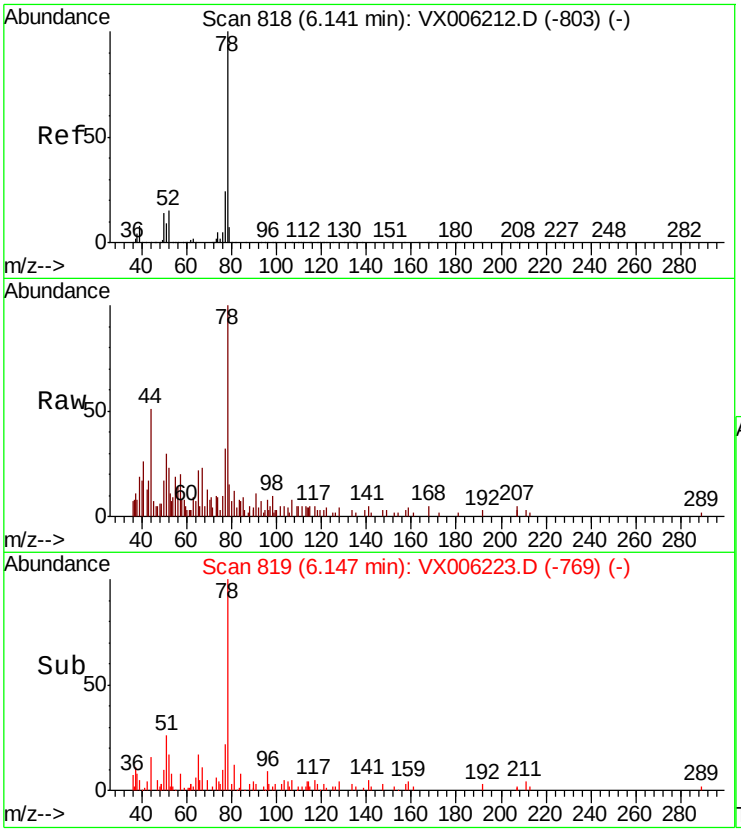


#39
Methylcyclohexane
Concen: 0.202 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX006223.D
Acq: 30 Nov 2018 11:53

Tgt Ion: 83 Resp: 3076

Ion	Ratio	Lower	Upper
83	100		
55	101.7	56.4	84.6#
98	50.0	39.0	58.6



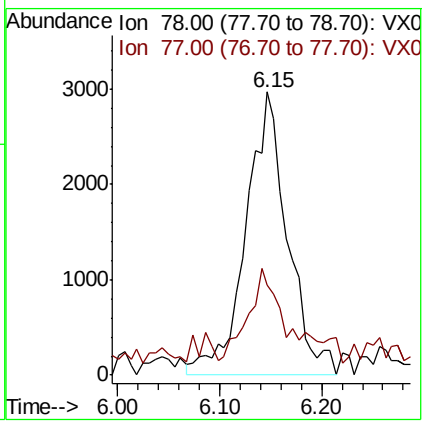


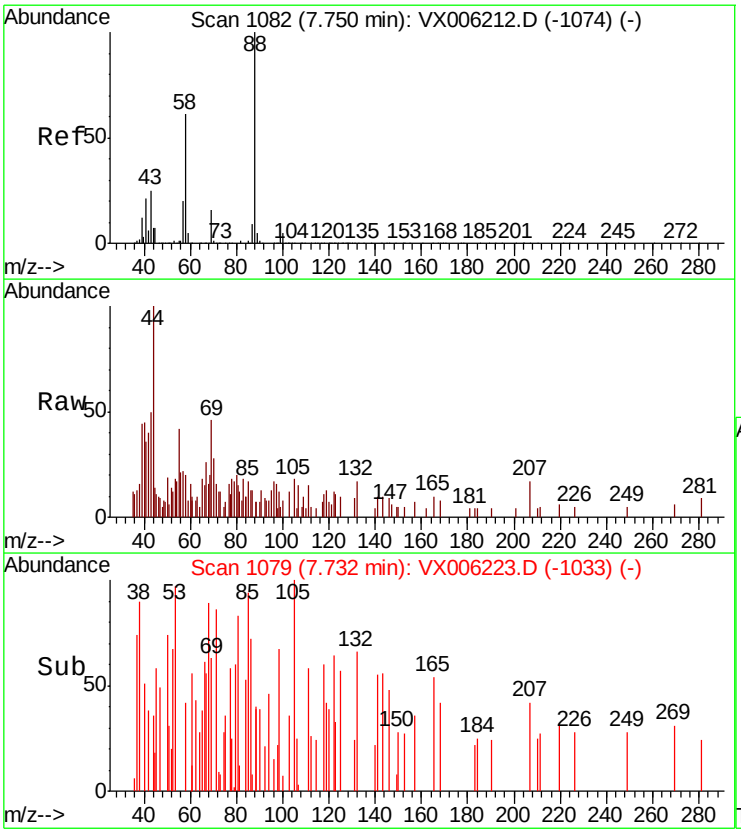
#40
Benzene
Concen: 0.240 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX006223.D
Acq: 30 Nov 2018 11:53

Instrument :
MSVOA_X
ClientSampleId :
DUP-1DL

Tgt Ion: 78 Resp: 8425

Ion	Ratio	Lower	Upper
78	100		
77	26.9	19.2	28.8

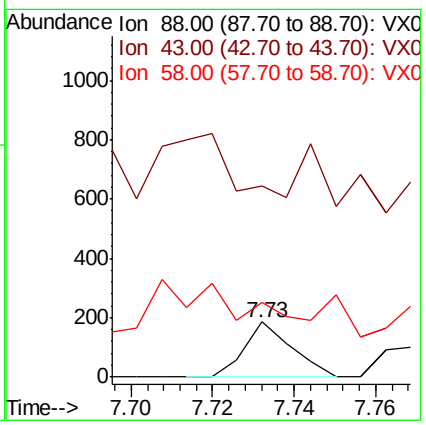


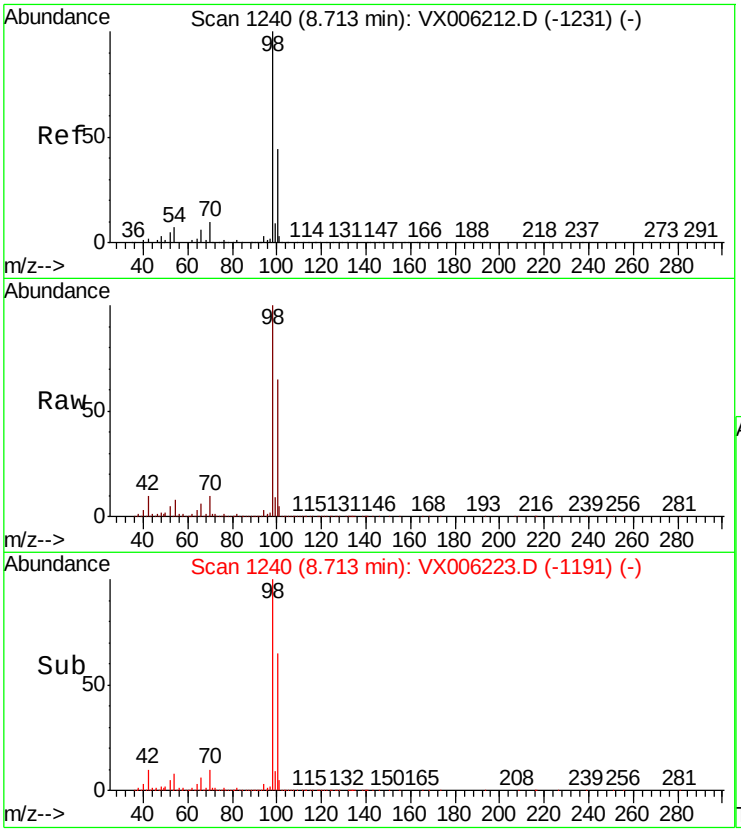


#49
1,4-Dioxane
Concen: 0.564 ug/l
RT: 7.73 min Scan# 1079
Delta R.T. -0.02 min
Lab File: VX006223.D
Acq: 30 Nov 2018 11:53

Tgt Ion: 88 Resp: 148

Ion	Ratio	Lower	Upper
88	100		
43	218.2	23.2	34.8#
58	0.0	51.4	77.0#



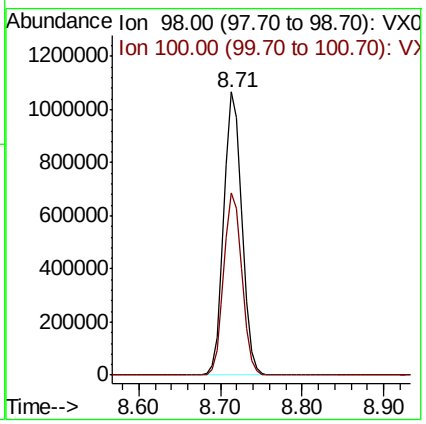


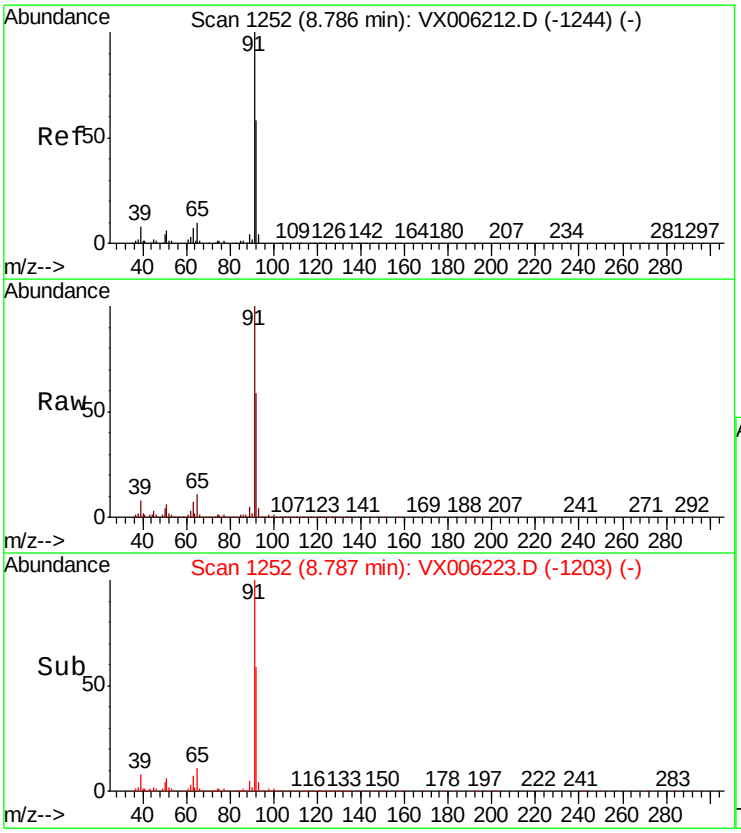
#50
Toluene-d8
Concen: 49.634 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006223.D
Acq: 30 Nov 2018 11:53

Instrument :
MSVOA_X
ClientSampleId :
DUP-1DL

Tgt Ion: 98 Resp: 1626488

Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.2	78.2

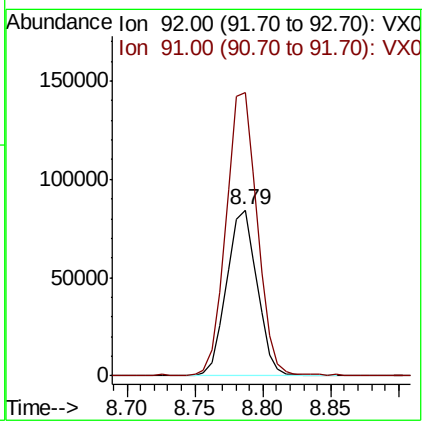


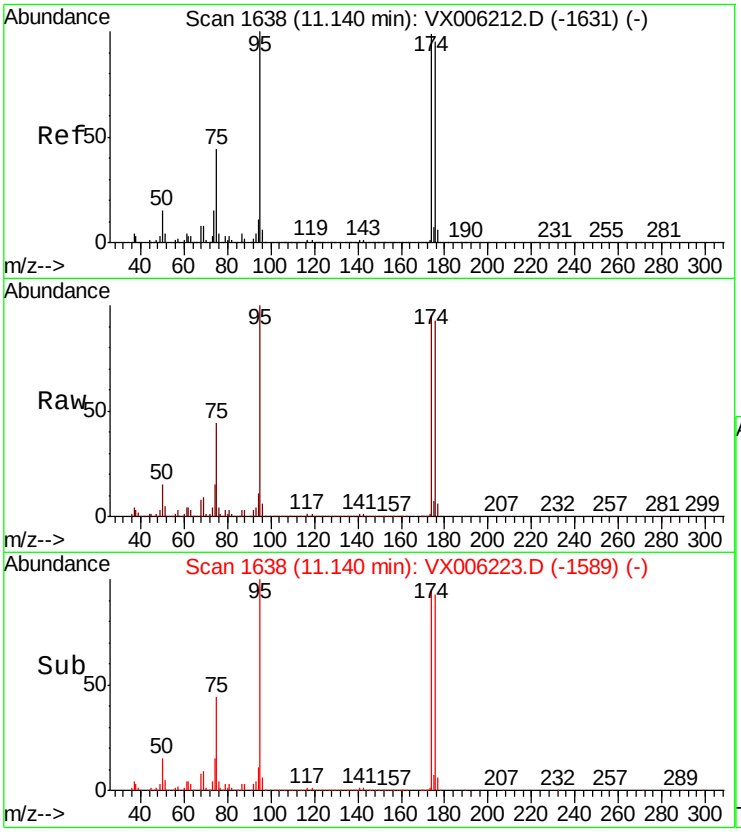


#52
Toluene
Concen: 5.711 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX006223.D
Acq: 30 Nov 2018 11:53

Tgt Ion: 92 Resp: 131848

Ion	Ratio	Lower	Upper
92	100		
91	172.7	139.2	208.8



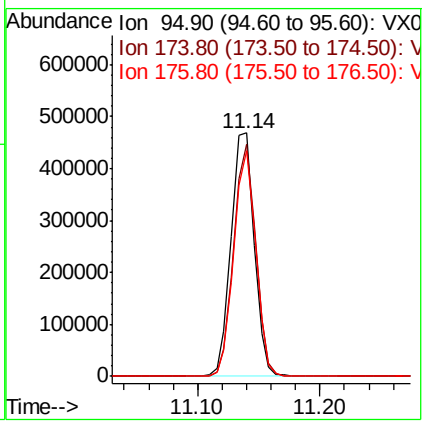


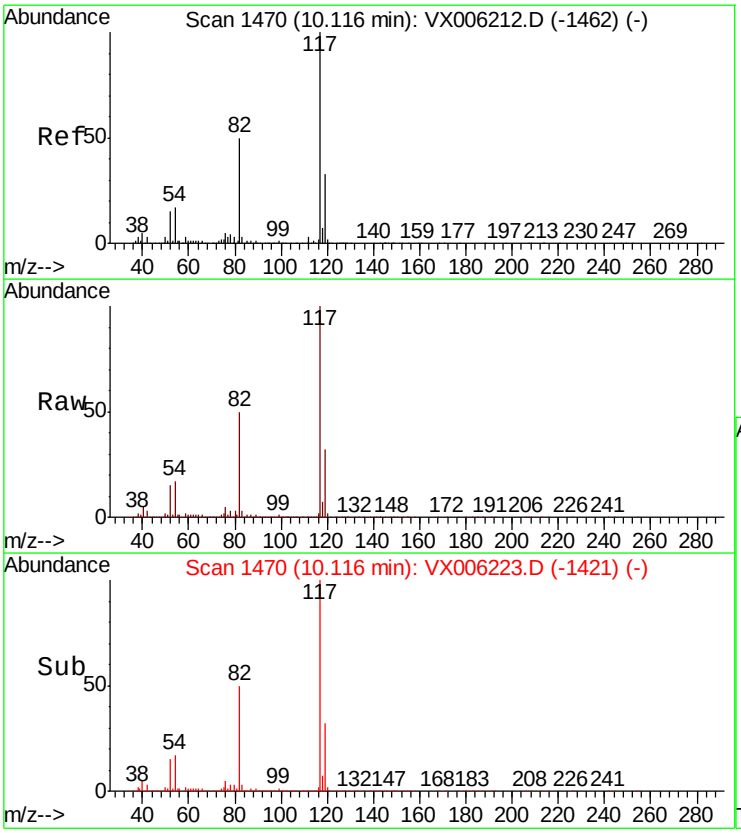
#62
4-Bromofluorobenzene
Concen: 49.461 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX006223.D
Acq: 30 Nov 2018 11:53

Instrument :
MSVOA_X
ClientSampleId :
DUP-1DL

Tgt Ion: 95 Resp: 610771

Ion	Ratio	Lower	Upper
95	100		
174	91.0	0.0	187.0
176	88.2	0.0	181.8

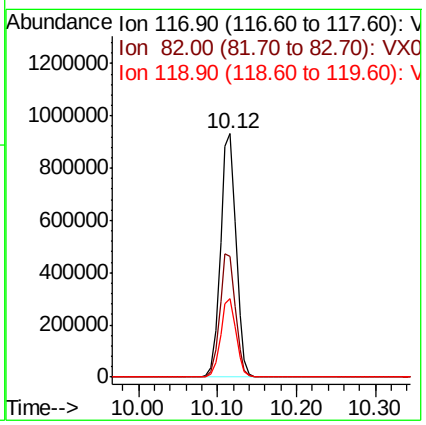


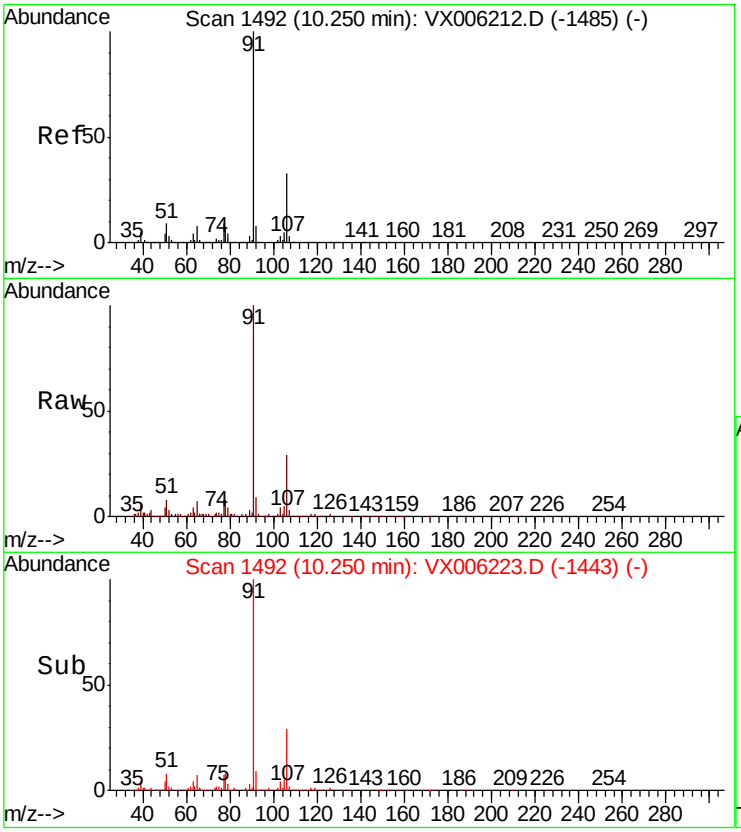


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006223.D
Acq: 30 Nov 2018 11:53

Tgt Ion:117 Resp: 1269914

Ion	Ratio	Lower	Upper
117	100		
82	49.7	39.6	59.4
119	32.3	26.3	39.5



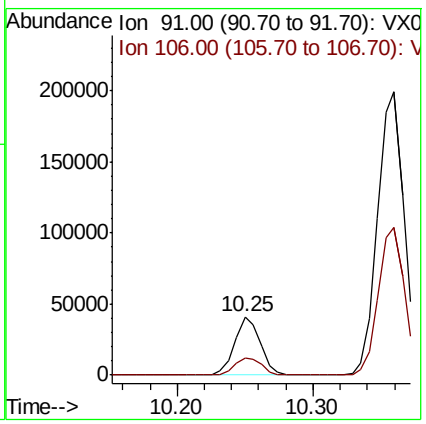


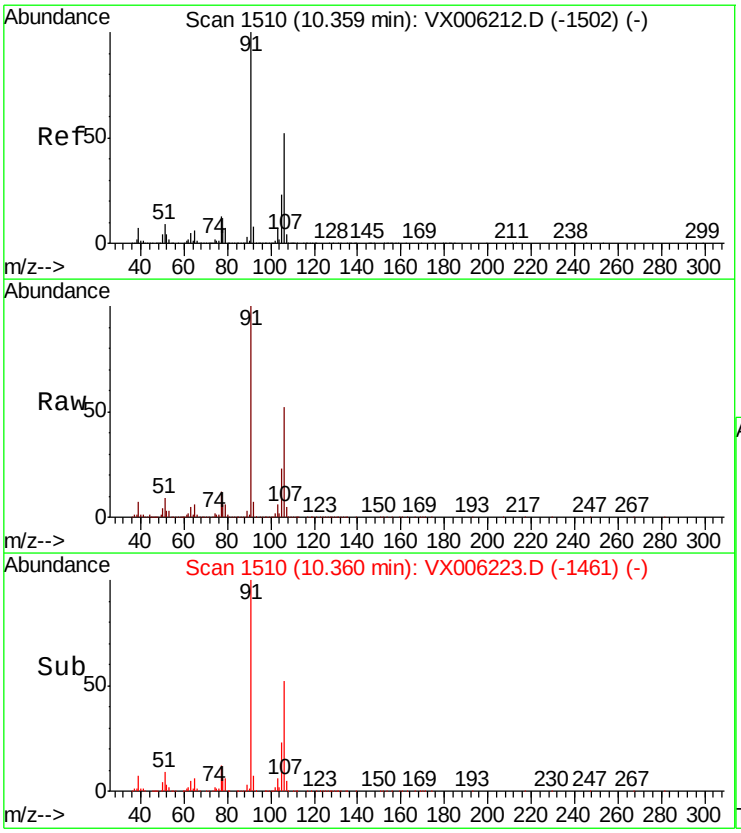
#67
Ethyl Benzene
Concen: 1.184 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX006223.D
Acq: 30 Nov 2018 11:53

Instrument : MSVOA_X
ClientSampleId : DUP-1DL

Tgt Ion: 91 Resp: 53075

Ion	Ratio	Lower	Upper
91	100		
106	28.7	26.5	39.7

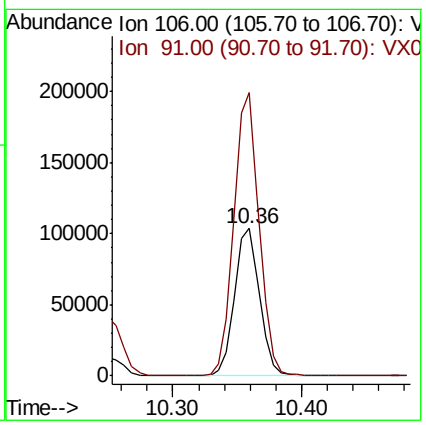


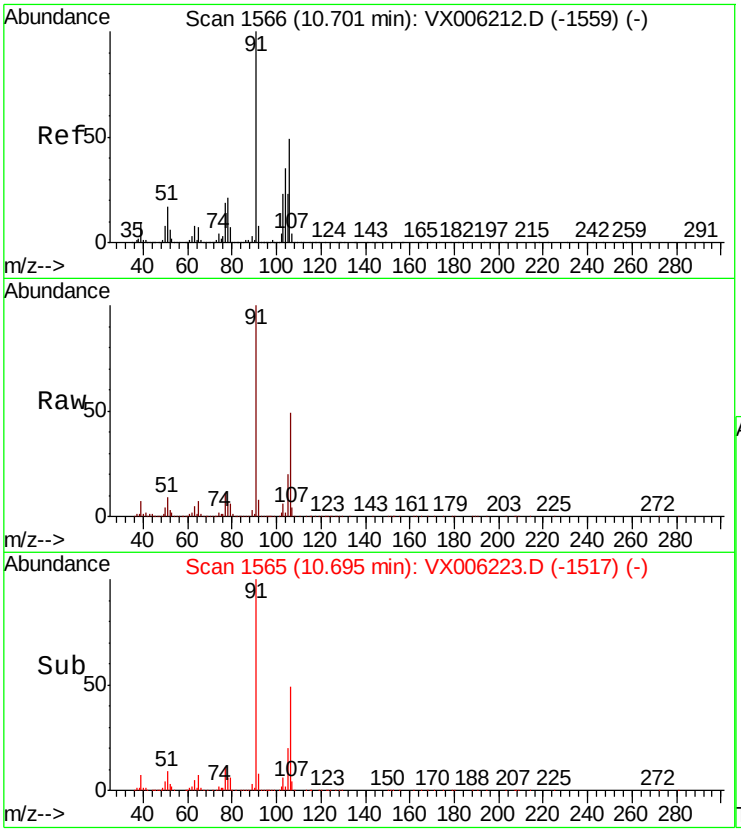


#68
m/p-Xylenes
Concen: 7.786 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX006223.D
Acq: 30 Nov 2018 11:53

Tgt Ion:106 Resp: 139836

Ion	Ratio	Lower	Upper
106	100		
91	193.4	155.2	232.8



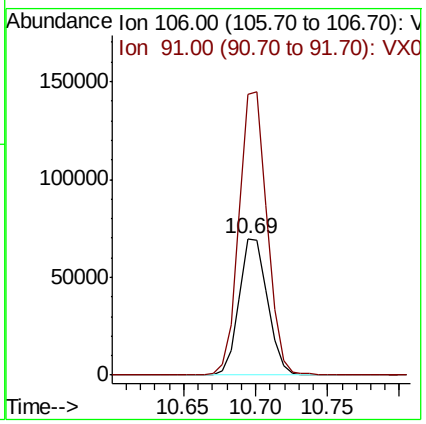


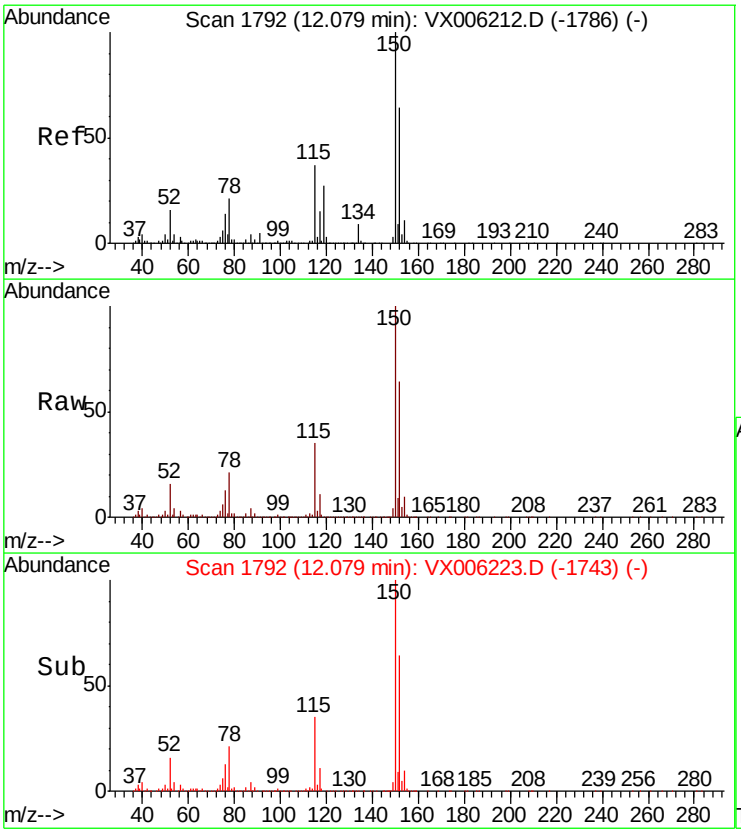
#69
o-Xylene
Concen: 5.385 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX006223.D
Acq: 30 Nov 2018 11:53

Instrument :
MSVOA_X
ClientSampleId :
DUP-1DL

Tgt Ion:106 Resp: 95536

Ion	Ratio	Lower	Upper
106	100		
91	203.8	101.8	305.6

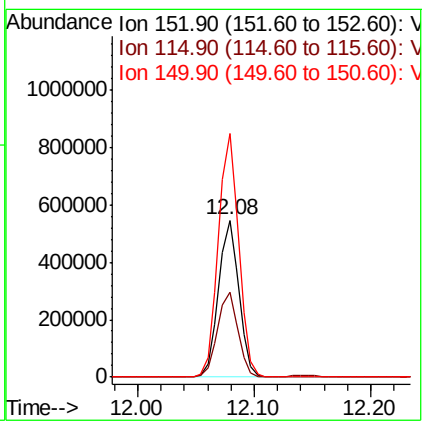


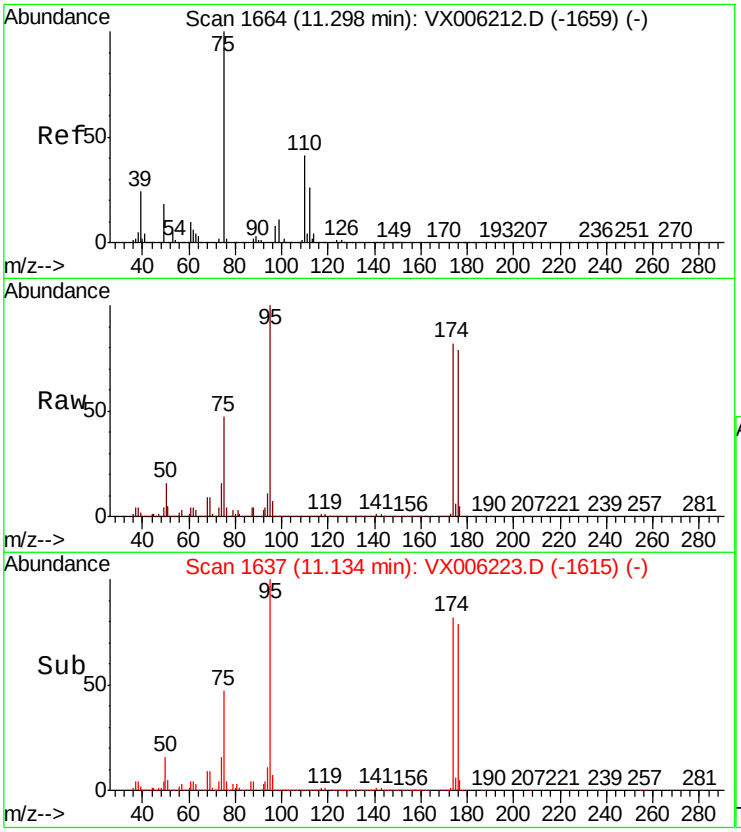


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006223.D
Acq: 30 Nov 2018 11:53

Tgt Ion:152 Resp: 655548

Ion	Ratio	Lower	Upper
152	100		
115	54.5	39.0	116.9
150	155.6	0.0	345.8



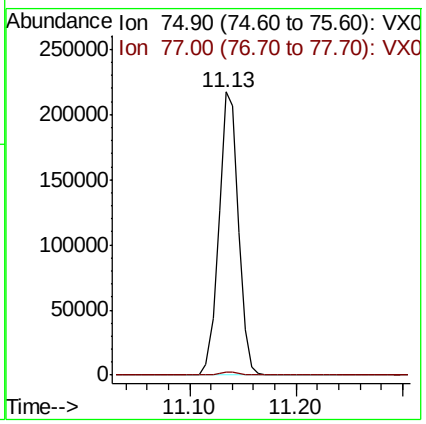


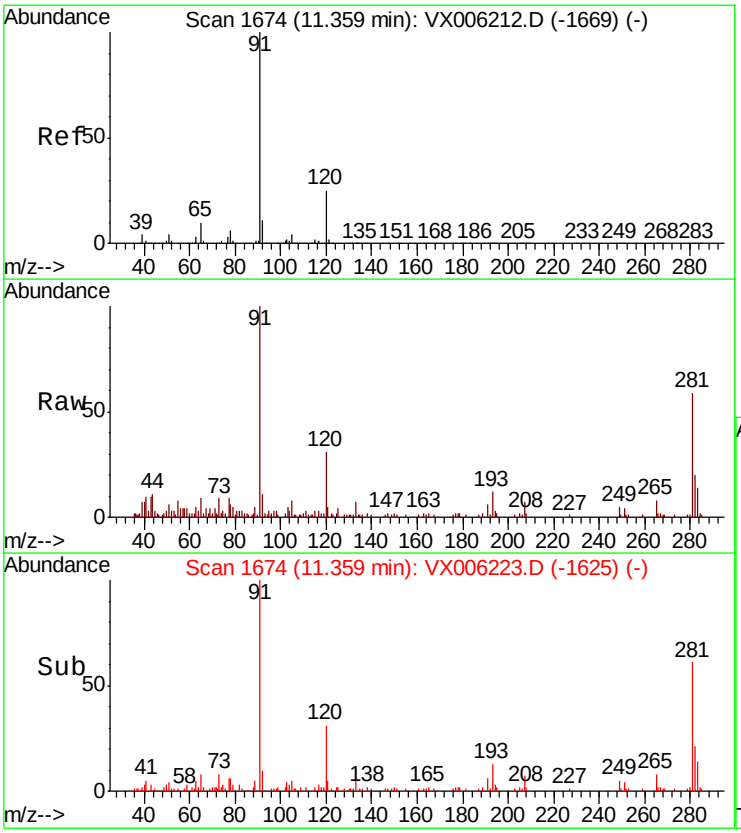
#76
1,2,3-Trichloropropane
Concen: 21.928 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX006223.D
Acq: 30 Nov 2018 11:53

Instrument :
MSVOA_X
ClientSampleId :
DUP-1DL

Tgt Ion: 75 Resp: 277458

Ion	Ratio	Lower	Upper
75	100		
77	1.1	19.9	59.7#

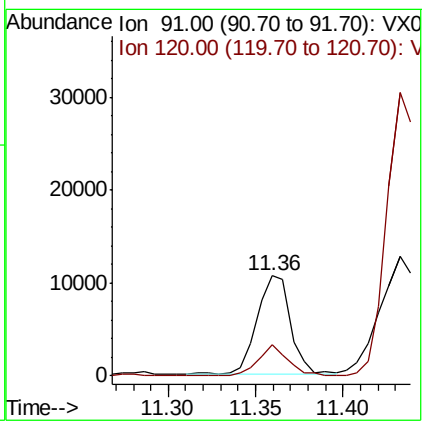


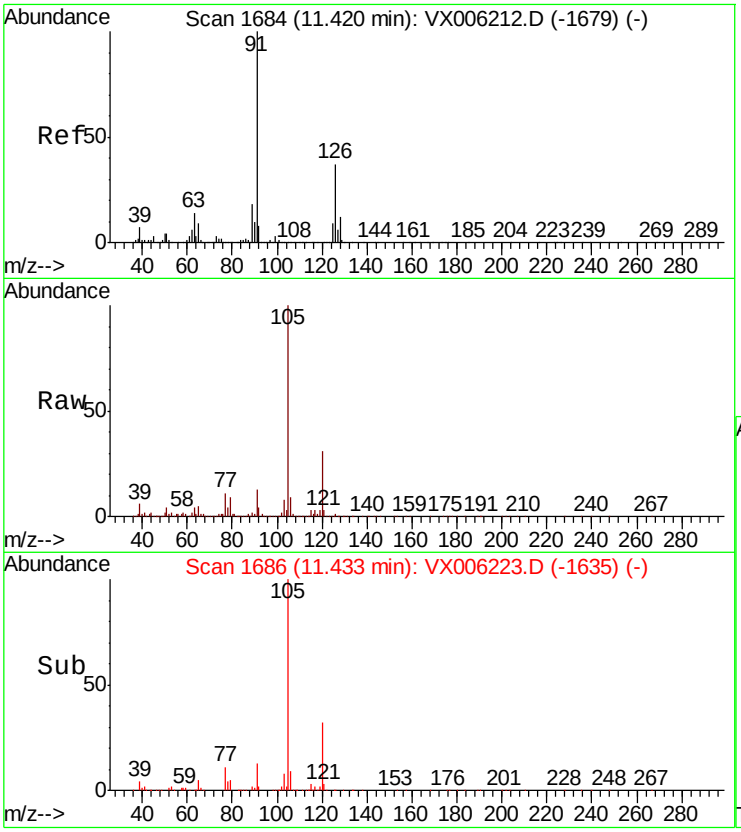


#78
n-propylbenzene
Concen: 0.281 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX006223.D
Acq: 30 Nov 2018 11:53

Tgt Ion: 91 Resp: 14144

Ion	Ratio	Lower	Upper
91	100		
120	28.4	12.7	38.0



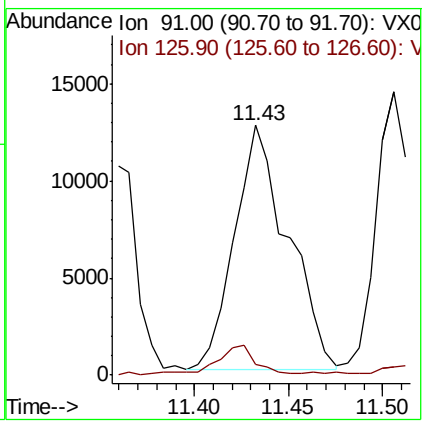


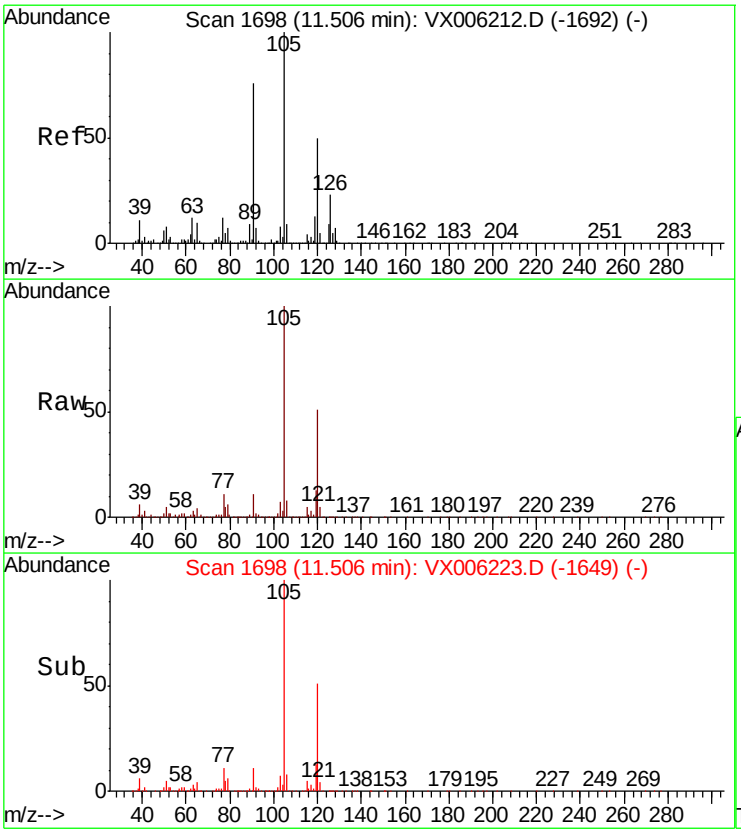
#79
2-Chlorotoluene
Concen: 0.827 ug/l
RT: 11.43 min Scan# 1686
Delta R.T. 0.01 min
Lab File: VX006223.D
Acq: 30 Nov 2018 11:53

Instrument :
MSVOA_X
ClientSampleId :
DUP-1DL

Tgt Ion: 91 Resp: 24744

Ion	Ratio	Lower	Upper
91	100		
126	9.1	18.6	56.0#

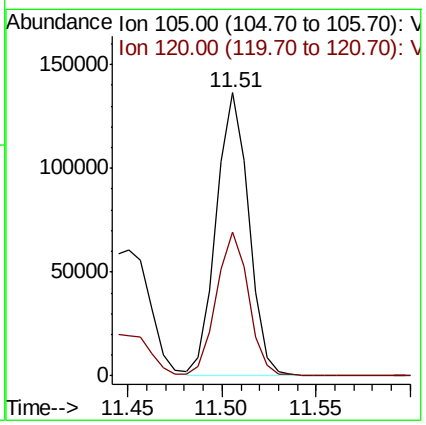


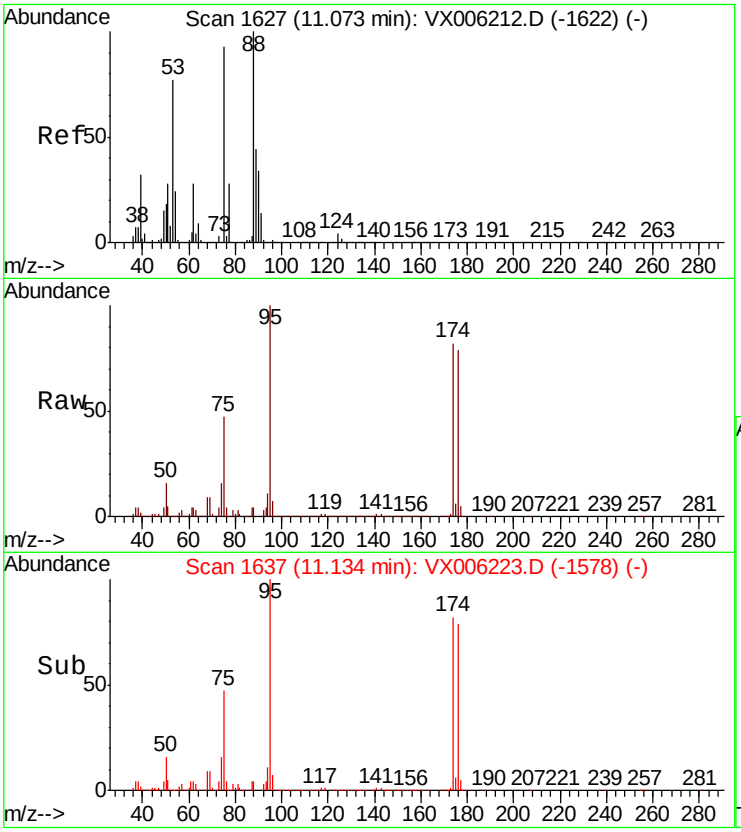


#80
1,3,5-Trimethylbenzene
Concen: 4.300 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX006223.D
Acq: 30 Nov 2018 11:53

Tgt Ion:105 Resp: 161959

Ion	Ratio	Lower	Upper
105	100		
120	50.6	25.4	76.0



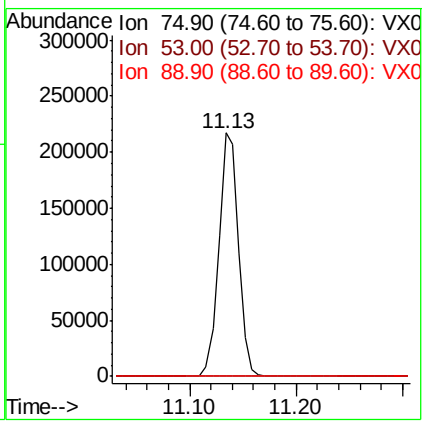


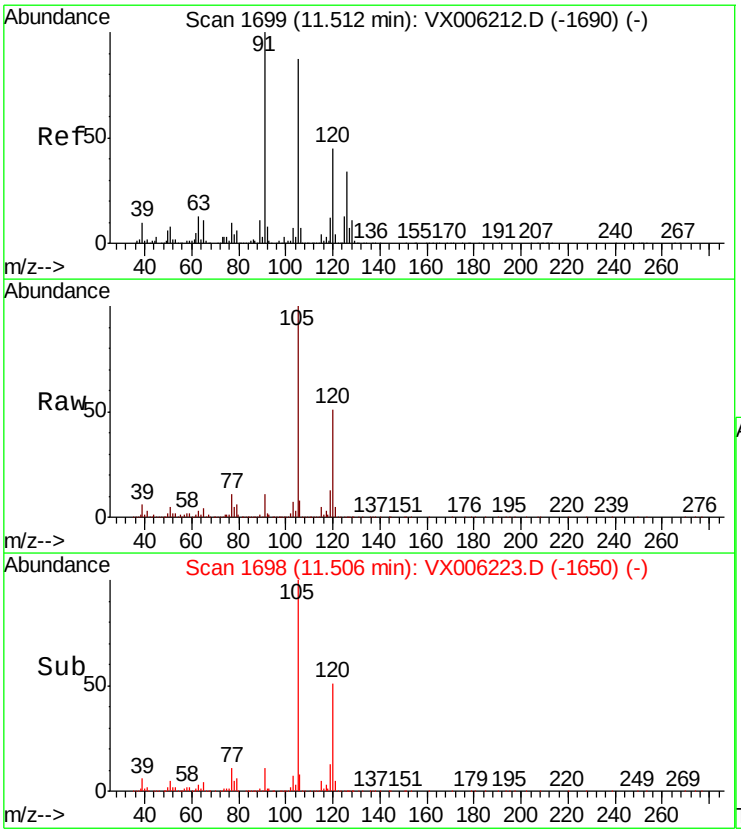
#81
trans-1,4-Dichloro-2-butene
Concen: 51.459 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX006223.D
Acq: 30 Nov 2018 11:53

Instrument :
MSVOA_X
ClientSampleId :
DUP-1DL

Tgt Ion: 75 Resp: 277458

Ion	Ratio	Lower	Upper
75	100		
53	0.1	64.4	96.6#
89	0.0	44.2	66.4#

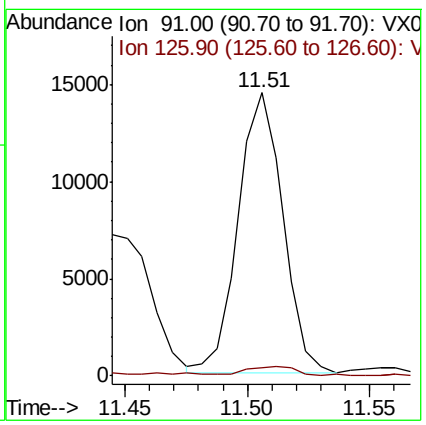


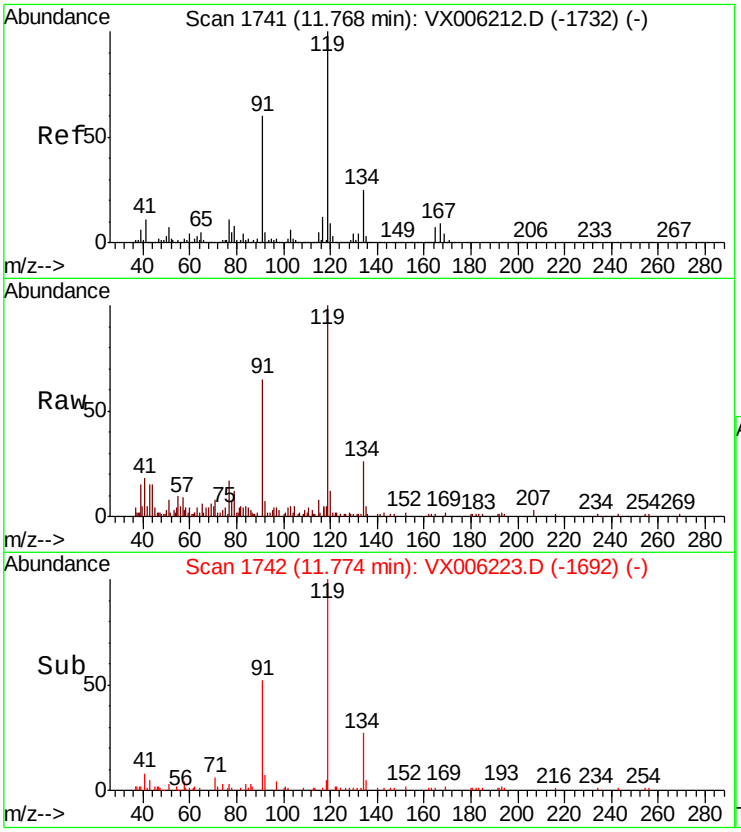


#82
4-Chlorotoluene
Concen: 0.525 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX006223.D
Acq: 30 Nov 2018 11:53

Tgt Ion: 91 Resp: 18270

Ion	Ratio	Lower	Upper
91	100		
126	3.6	16.4	49.4#



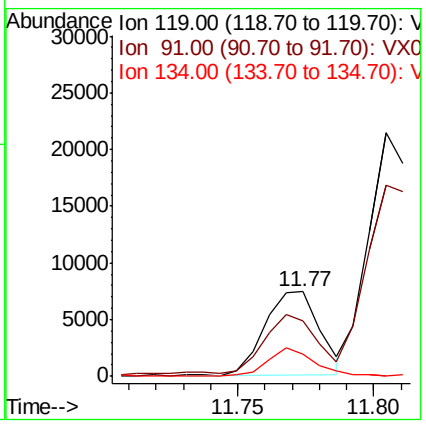


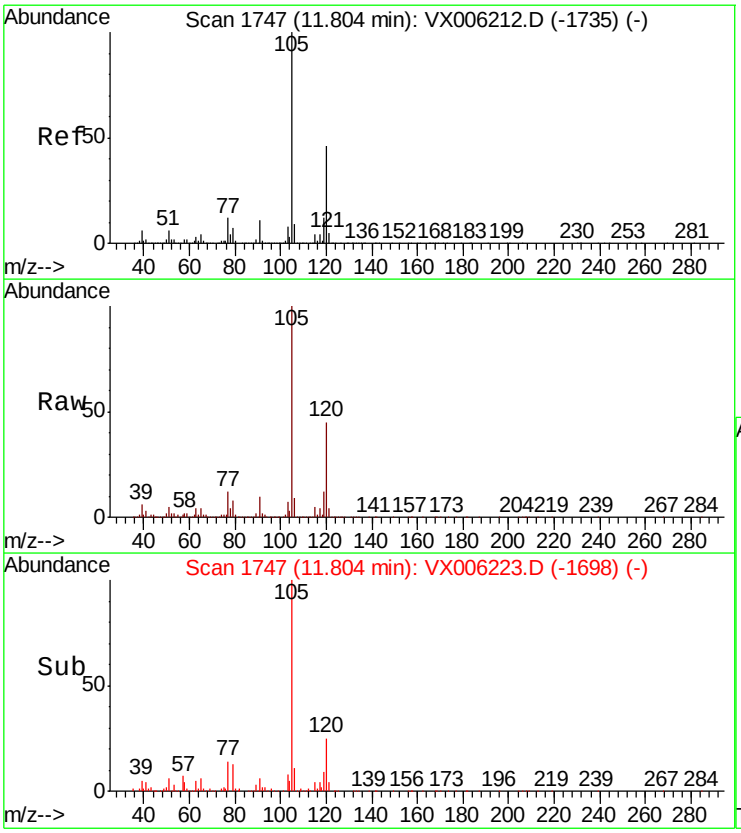
#83
tert-Butylbenzene
Concen: 0.255 ug/l
RT: 11.77 min Scan# 1742
Delta R.T. 0.01 min
Lab File: VX006223.D
Acq: 30 Nov 2018 11:53

Instrument :
MSVOA_X
ClientSampleId :
DUP-1DL

Tgt Ion:119 Resp: 10235

Ion	Ratio	Lower	Upper
119	100		
91	70.5	26.4	79.2
134	30.8	11.6	34.7

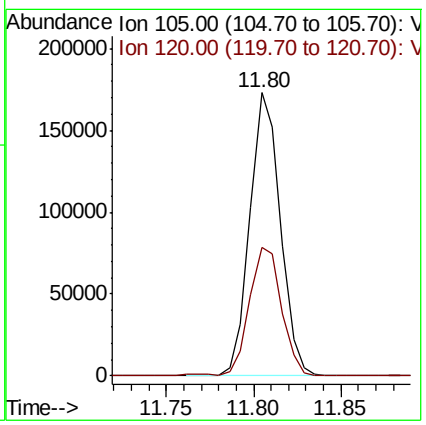


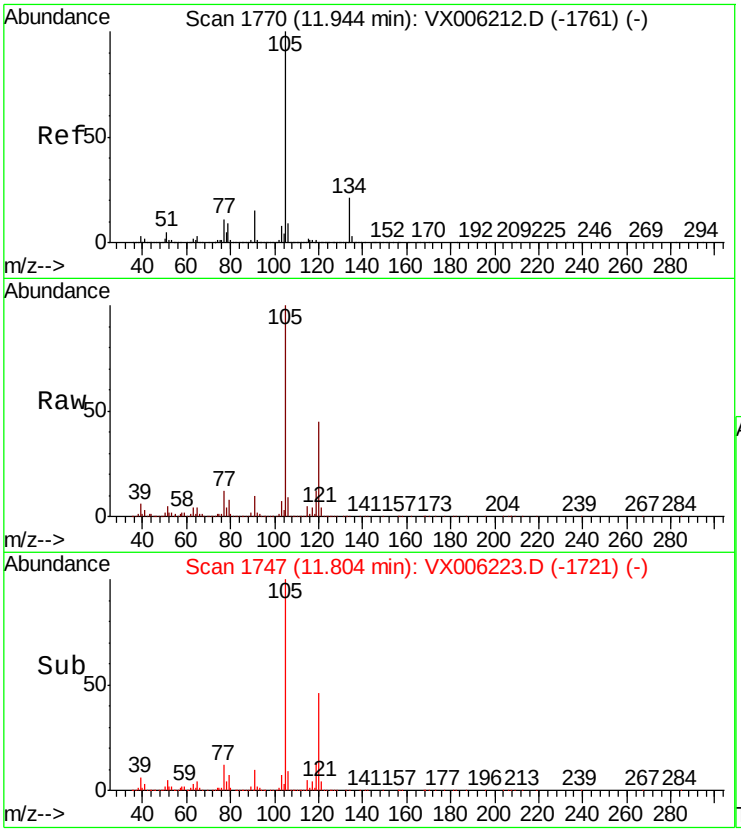


#84
1,2,4-Trimethylbenzene
Concen: 5.380 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX006223.D
Acq: 30 Nov 2018 11:53

Tgt Ion:105 Resp: 209248

Ion	Ratio	Lower	Upper
105	100		
120	48.4	23.4	70.0



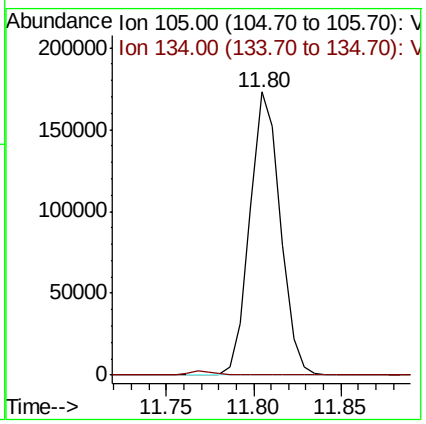


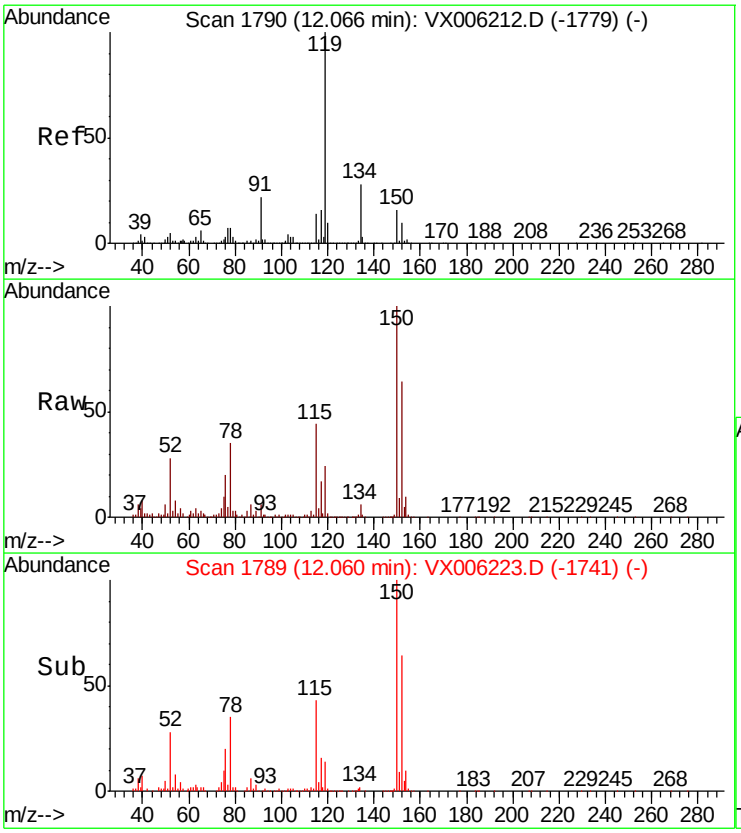
#85
sec-Butylbenzene
Concen: 4.577 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.14 min
Lab File: VX006223.D
Acq: 30 Nov 2018 11:53

Instrument :
MSVOA_X
ClientSampleId :
DUP-1DL

Tgt Ion:105 Resp: 209248

Ion	Ratio	Lower	Upper
105	100		
134	0.0	10.8	32.4#

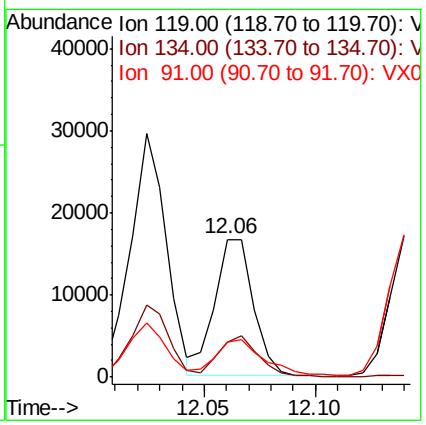


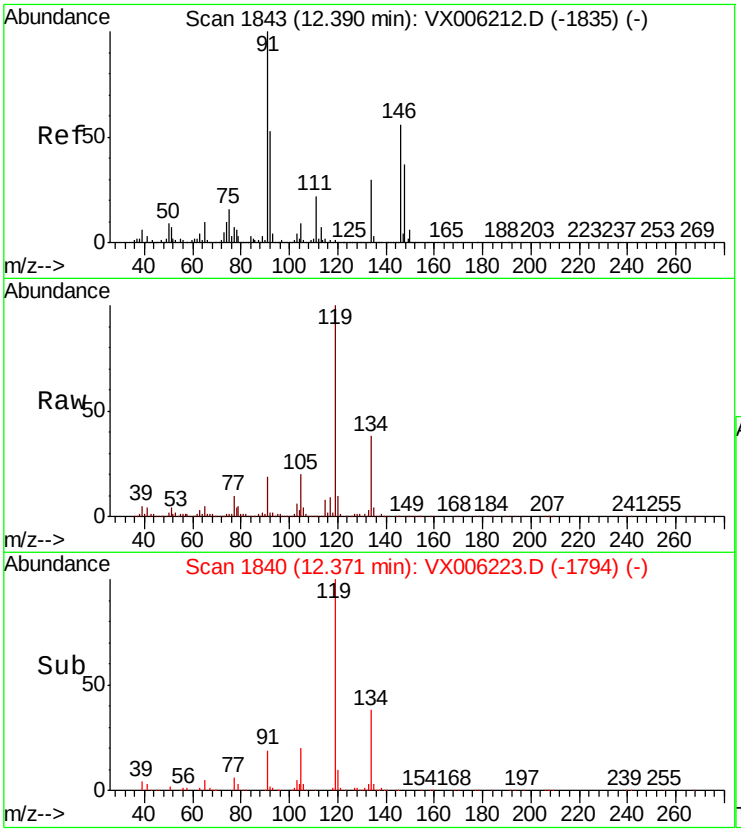


#86
p-Isopropyltoluene
Concen: 0.491 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.01 min
Lab File: VX006223.D
Acq: 30 Nov 2018 11:53

Tgt Ion:119 Resp: 20196

Ion	Ratio	Lower	Upper
119	100		
134	30.9	13.9	41.6
91	31.1	11.3	33.8



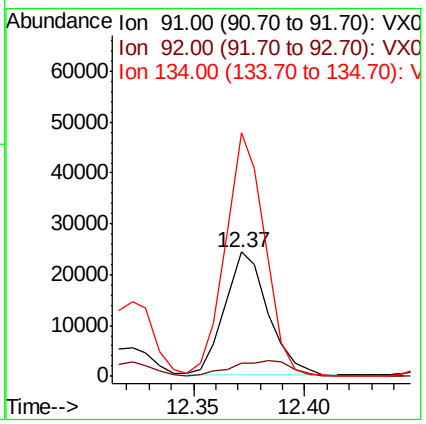


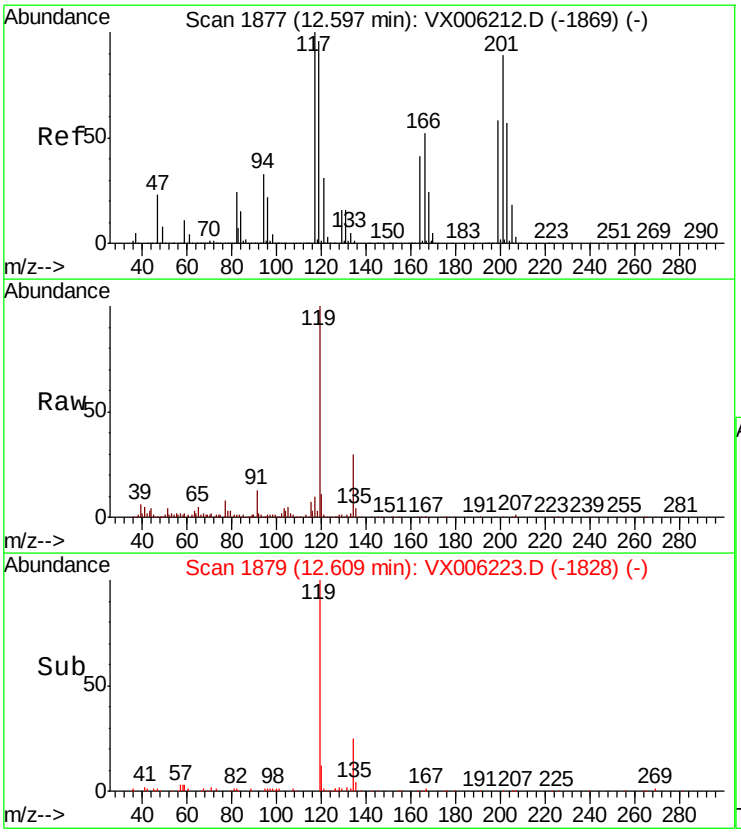
#89
n-Butylbenzene
Concen: 0.938 ug/l
RT: 12.37 min Scan# 1840
Delta R.T. -0.02 min
Lab File: VX006223.D
Acq: 30 Nov 2018 11:53

Instrument :
MSVOA_X
ClientSampleId :
DUP-1DL

Tgt Ion: 91 Resp: 32951

Ion	Ratio	Lower	Upper
91	100		
92	17.1	26.6	79.8#
134	178.2	14.8	44.3#

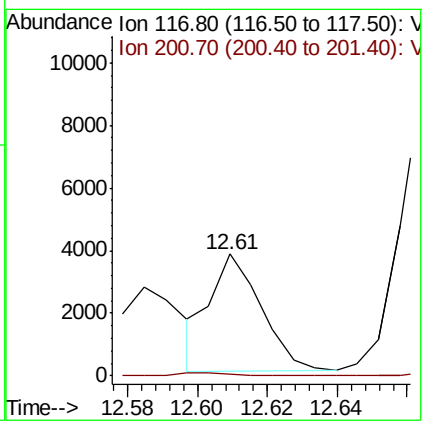


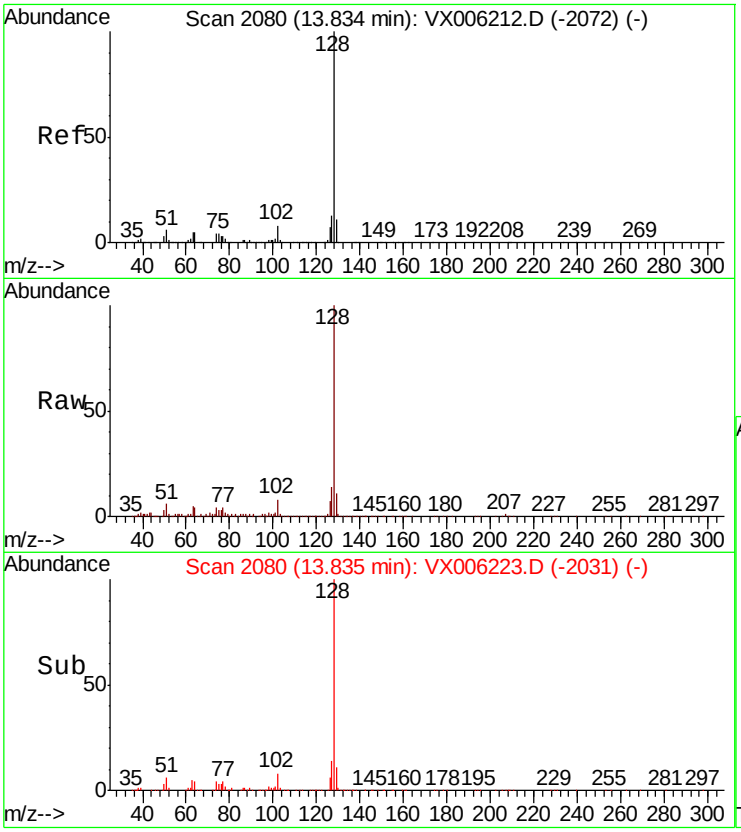


#90
Hexachloroethane
Concen: 0.455 ug/l
RT: 12.61 min Scan# 1879
Delta R.T. 0.01 min
Lab File: VX006223.D
Acq: 30 Nov 2018 11:53

Tgt Ion:117 Resp: 3819

Ion	Ratio	Lower	Upper
117	100		
201	2.4	44.7	134.1#





#95
Naphthalene
Concen: 1.933 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006223.D
Acq: 30 Nov 2018 11:53

Instrument :
MSVOA_X
ClientSampleId :
DUP-1DL

Tgt Ion:128 Resp: 97306

Ion	Ratio	Lower	Upper
128	100		
127	14.4	10.2	15.4
129	11.8	8.9	13.3