Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100418\
Data File : VX005000.D
Acq On : 04 Oct 2018 06:01
Operator : JC/MD
Sample : J5161-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FA18-JMW-3202

Quant Time: Oct 04 09:10:39 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	323743	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	439166	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	418797	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	249369	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	199898	43.22	ug/l		0.00
Spiked Amount 50.000			Recovery = 86.44%				
35) Dibromofluoromethane	5.51	113	175921	47.27	ug/l		0.00
Spiked Amount 50.000			Recovery = 94.54%				
50) Toluene-d8	8.71	98	630305	50.94	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.88%				
62) 4-Bromofluorobenzene	11.14	95	239293	53.68	ug/l		0.00
Spiked Amount 50.000			Recovery = 107.36%				
Target Compounds							Qvalue
4) Vinyl Chloride	1.40	62	54536	10.858	ug/l		94
12) 1,1-Dichloroethene	2.38	96	1727	0.492	ug/l		89
27) cis-1,2-Dichloroethene	4.60	96	85103	19.839	ug/l		94
31) Cyclohexane	5.57	56	417506	70.953	ug/l	#	85
39) Methylcyclohexane	7.46	83	243986	47.053	ug/l	#	85
40) Benzene	6.15	78	660816	41.566	ug/l		94
44) Trichloroethene	7.21	130	1359	0.348	ug/l		98
52) Toluene	8.79	92	194508	22.266	ug/l		97
67) Ethyl Benzene	10.26	91	591643	34.701	ug/l		97
68) m/p-Xylenes	10.36	106	718624	107.860	ug/l		96
69) o-Xylene	10.70	106	80406	13.139	ug/l		98
73) Isopropylbenzene	11.02	105	143787	9.148	ug/l		100
78) n-propylbenzene	11.36	91	176844	9.806	ug/l		97
80) 1,3,5-Trimethylbenzene	11.51	105	211986	14.575	ug/l		99
83) tert-Butylbenzene	11.77	119	5535	0.428	ug/l		87
84) 1,2,4-Trimethylbenzene	11.81	105	536344	36.046	ug/l		99
85) sec-Butylbenzene	11.94	105	39959	2.535	ug/l		82
86) p-Isopropyltoluene	12.07	119	25511	1.786	ug/l		96
89) n-Butylbenzene	12.38	91	23413	1.805	ug/l	#	32
95) Naphthalene	13.83	128	91691	5.076	ug/l		98

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

Quantitation Report (QT Reviewed)

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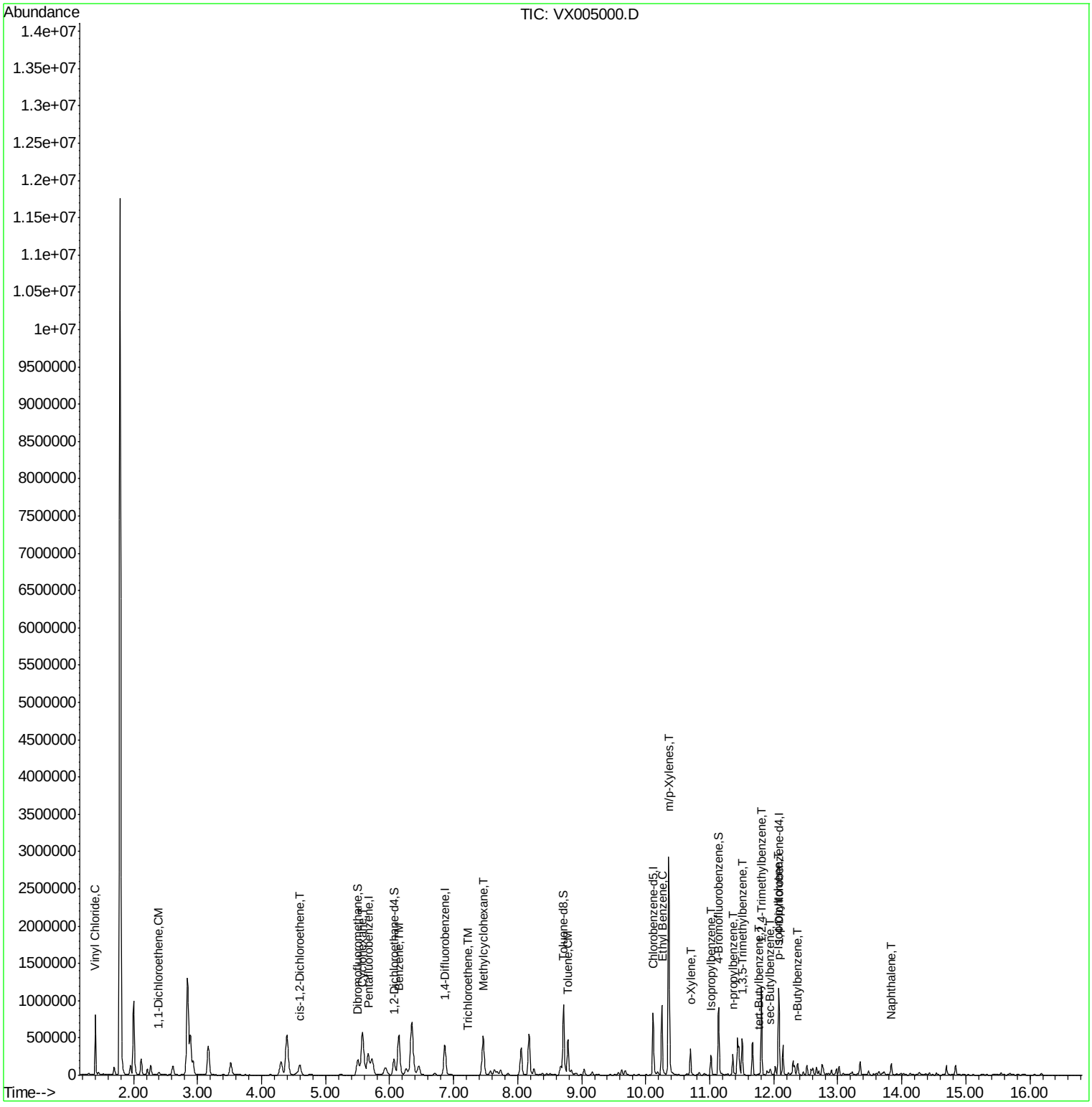
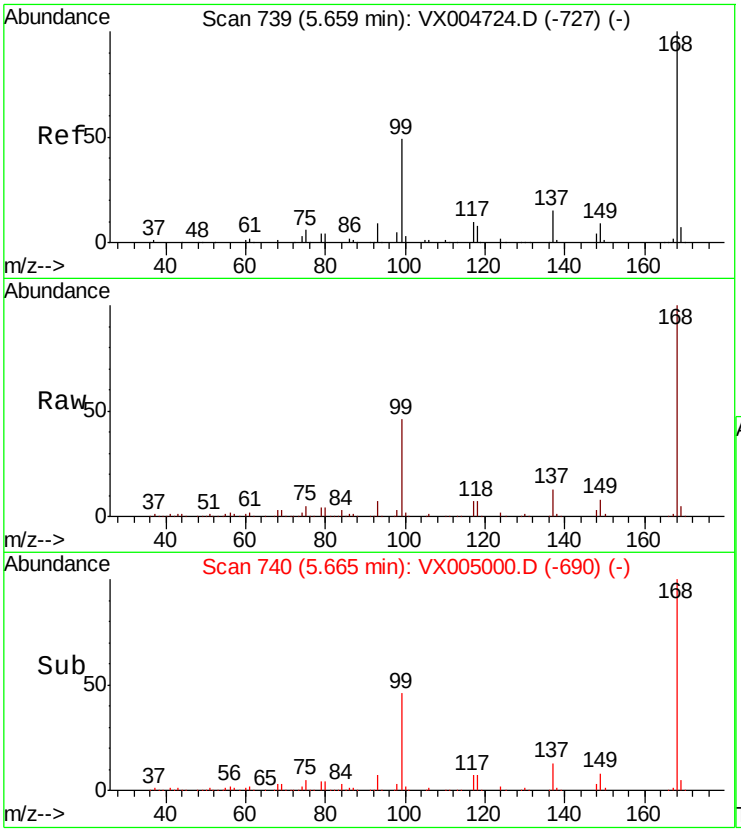
Data File : VX005000.D
Acq On : 04 Oct 2018 06:01
Operator : JC/MD
Sample : J5161-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FA18-JMW-3202

Quant Time: Oct 04 09:10:39 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration



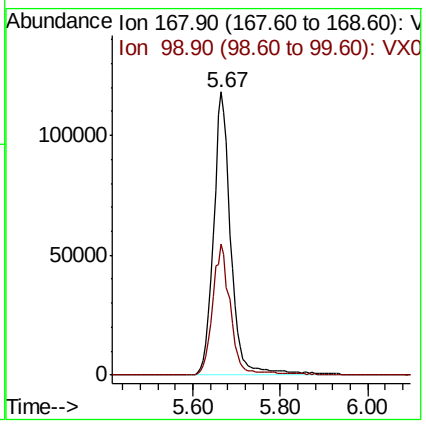


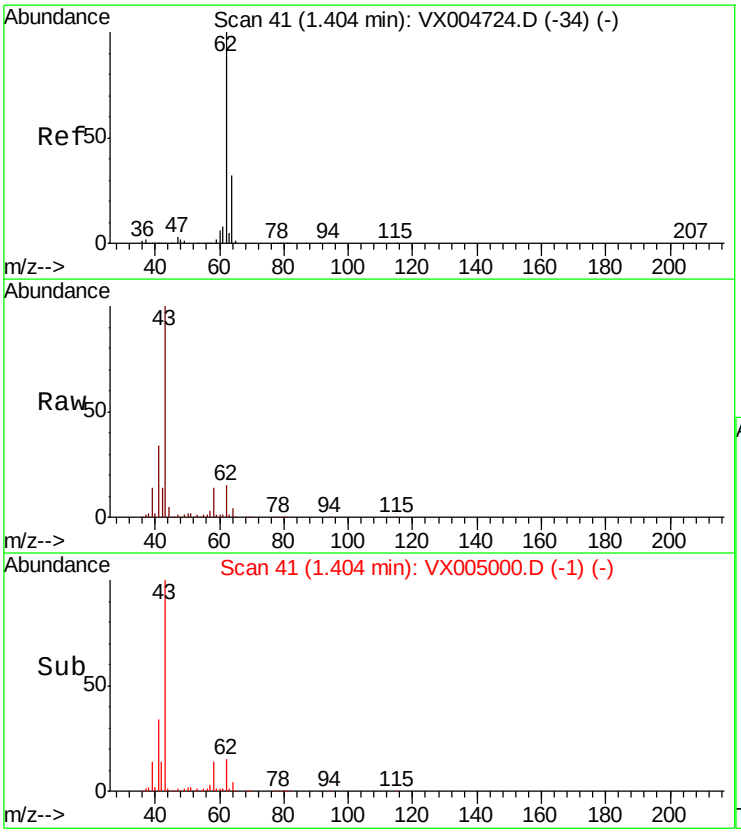
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX005000.D
Acq: 04 Oct 2018 06:01

Instrument :
MSVOA_X
ClientSampleId :
FA18-JMW-3202

Tgt Ion:168 Resp: 323743

Ion	Ratio	Lower	Upper
168	100		
99	46.3	39.3	58.9

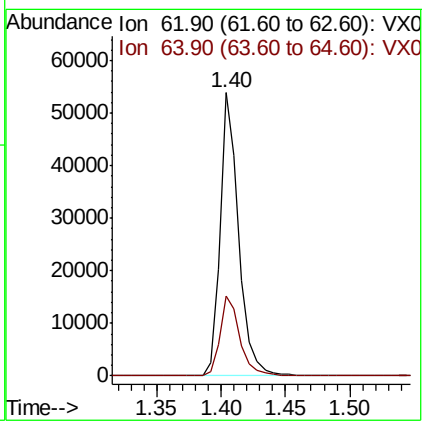


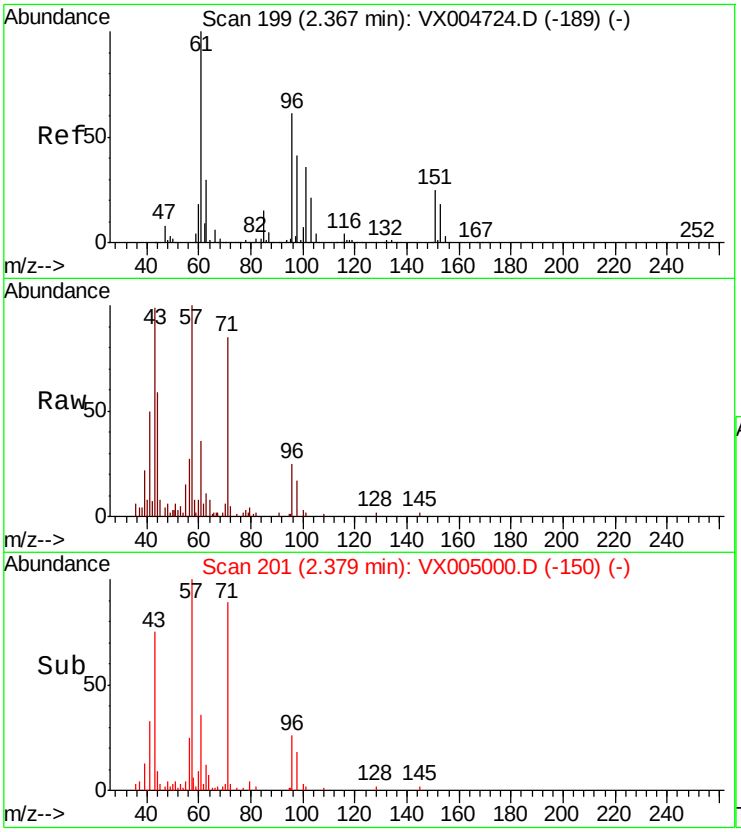


#4
Vinyl Chloride
Concen: 10.858 ug/l
RT: 1.40 min Scan# 41
Delta R.T. 0.00 min
Lab File: VX005000.D
Acq: 04 Oct 2018 06:01

Tgt Ion: 62 Resp: 54536

Ion	Ratio	Lower	Upper
62	100		
64	28.3	25.5	38.3



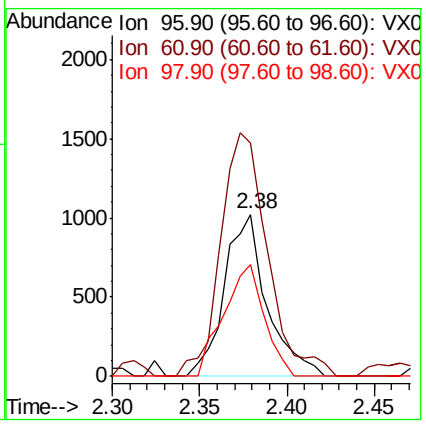


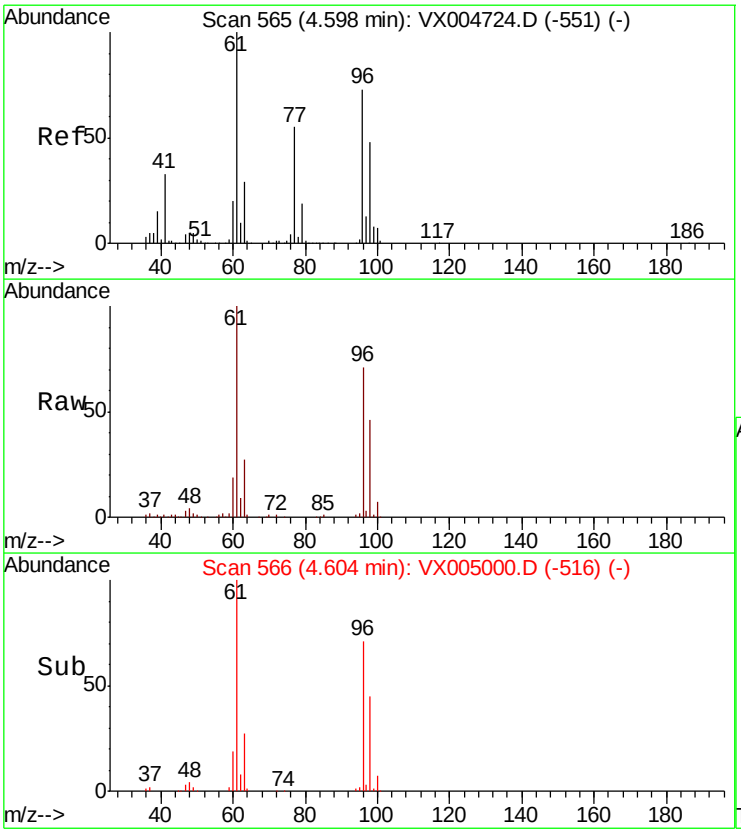
#12
1,1-Dichloroethene
Concen: 0.492 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX005000.D
Acq: 04 Oct 2018 06:01

Instrument : MSVOA_X
ClientSampleId : FA18-JMW-3202

Tgt Ion: 96 Resp: 1727

Ion	Ratio	Lower	Upper
96	100		
61	144.4	130.2	195.4
98	68.8	53.4	80.0

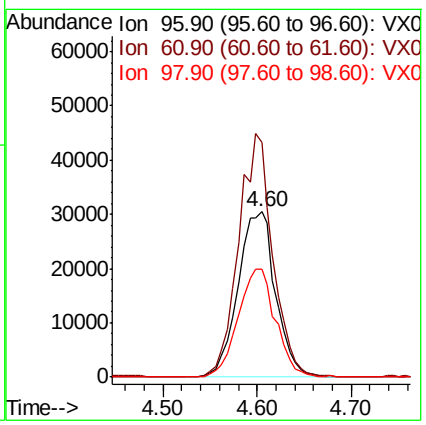


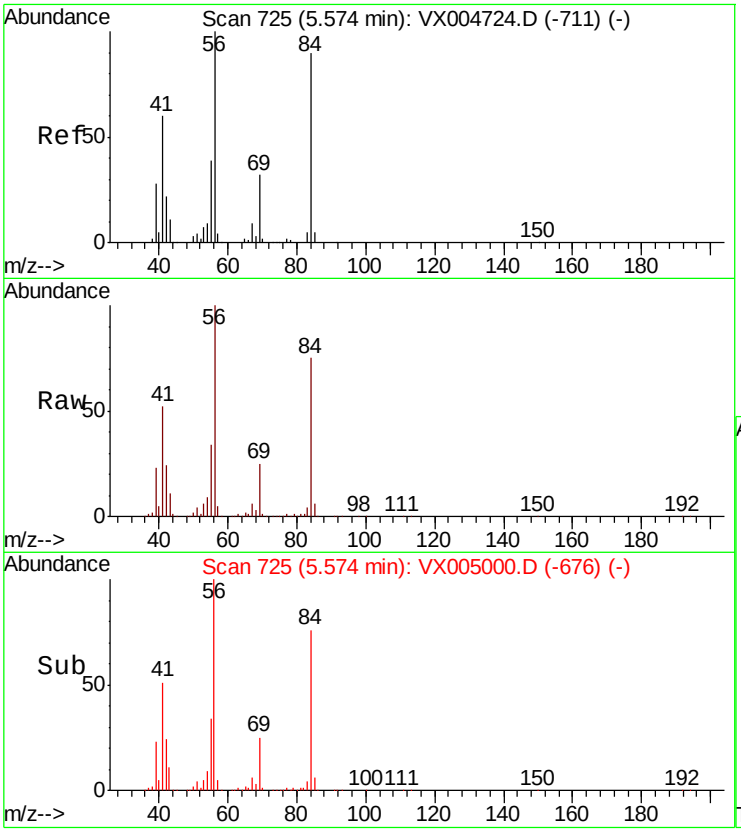


#27
cis-1,2-Dichloroethene
Concen: 19.839 ug/l
RT: 4.60 min Scan# 566
Delta R.T. 0.01 min
Lab File: VX005000.D
Acq: 04 Oct 2018 06:01

Tgt Ion: 96 Resp: 85103

Ion	Ratio	Lower	Upper
96	100		
61	134.0	0.0	285.8
98	65.3	0.0	136.2



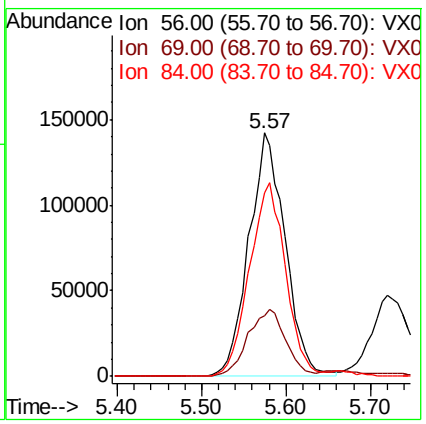


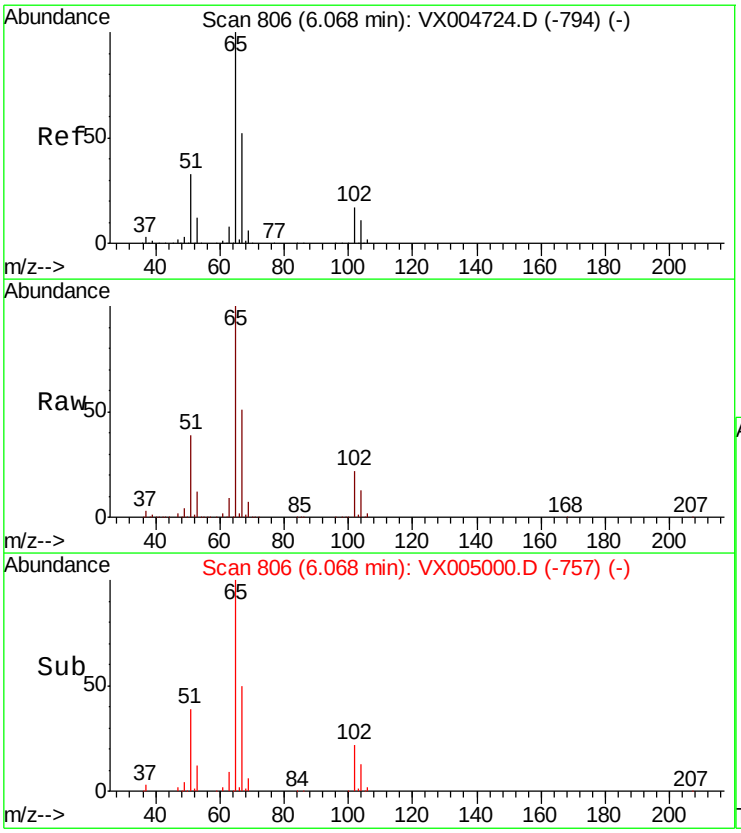
#31
Cyclohexane
Concen: 70.953 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX005000.D
Acq: 04 Oct 2018 06:01

Instrument : MSVOA_X
ClientSampleId : FA18-JMW-3202

Tgt Ion: 56 Resp: 417506

Ion	Ratio	Lower	Upper
56	100		
69	24.8	25.9	38.9#
84	75.5	71.9	107.9

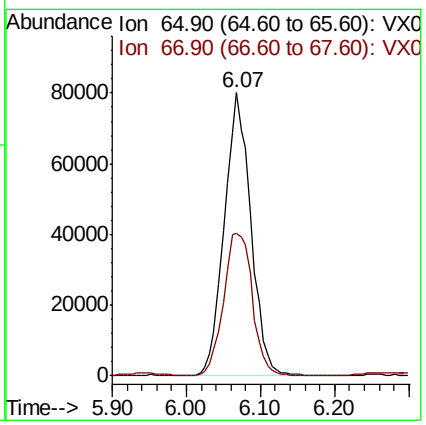


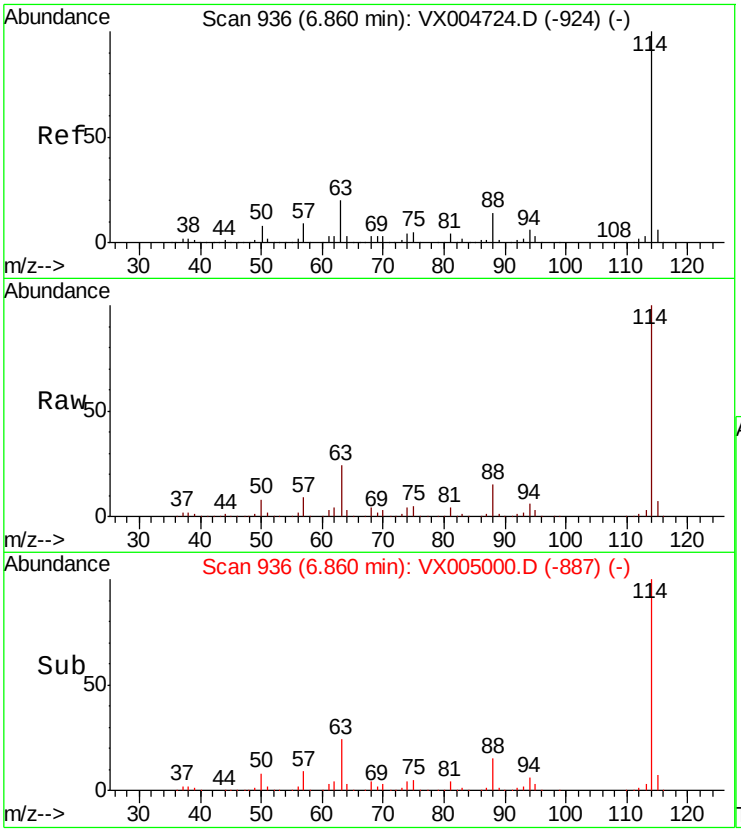


#33
1,2-Dichloroethane-d4
Concen: 43.224 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX005000.D
Acq: 04 Oct 2018 06:01

Tgt Ion: 65 Resp: 199898

Ion	Ratio	Lower	Upper
65	100		
67	54.6	0.0	107.4



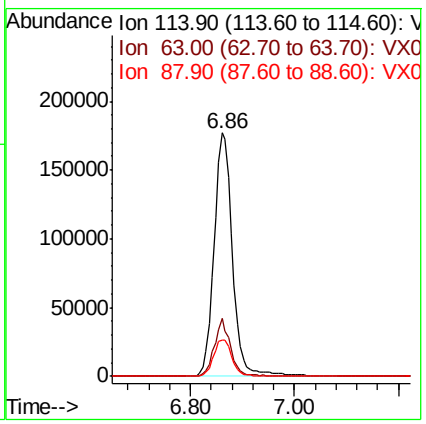


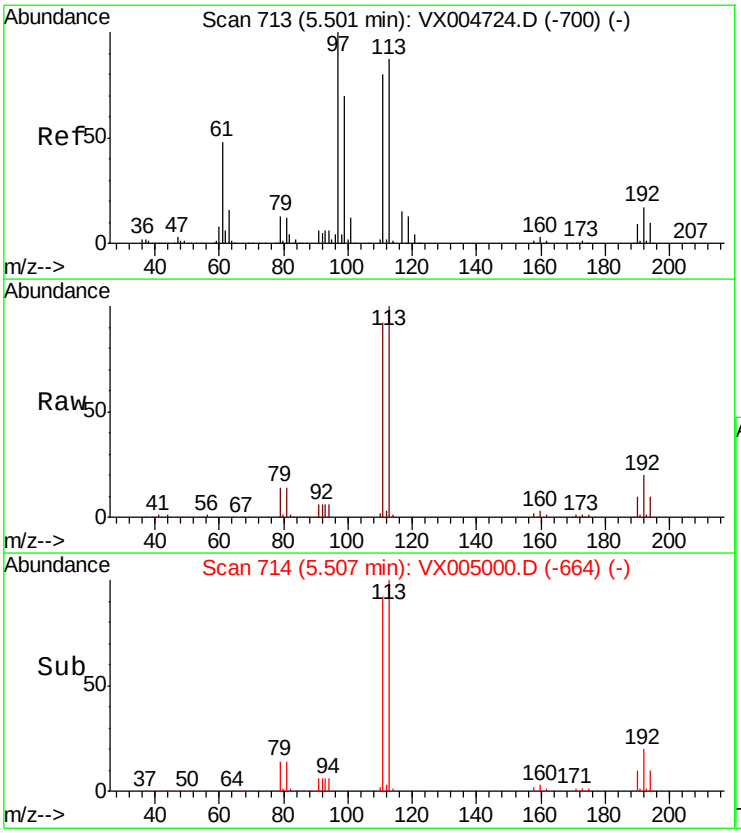
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX005000.D
Acq: 04 Oct 2018 06:01

Instrument : MSVOA_X
ClientSampleId : FA18-JMW-3202

Tgt Ion:114 Resp: 439166

Ion	Ratio	Lower	Upper
114	100		
63	23.7	0.0	39.8
88	14.9	0.0	27.0

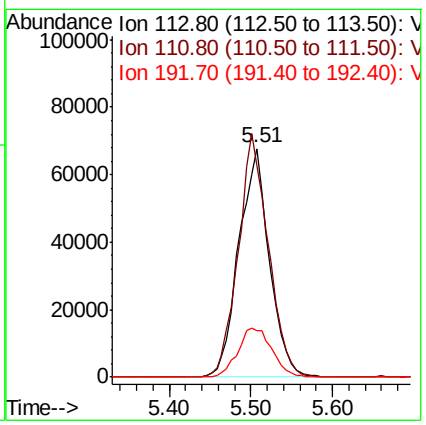


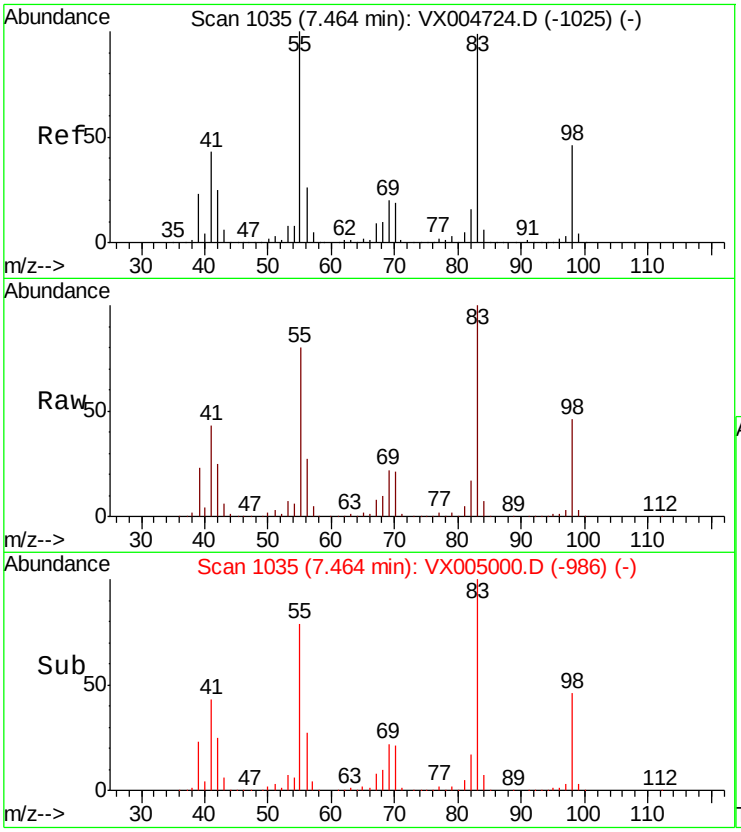


#35
Dibromofluoromethane
Concen: 47.265 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX005000.D
Acq: 04 Oct 2018 06:01

Tgt Ion:113 Resp: 175921

Ion	Ratio	Lower	Upper
113	100		
111	105.0	77.0	115.4
192	24.0	17.0	25.6



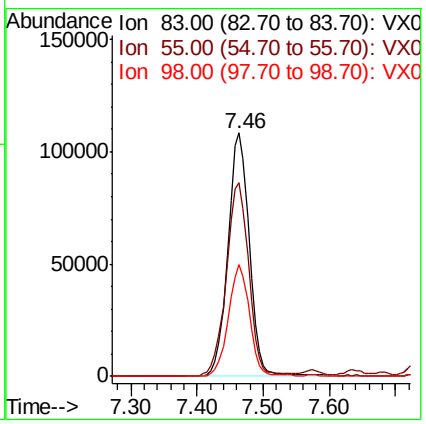


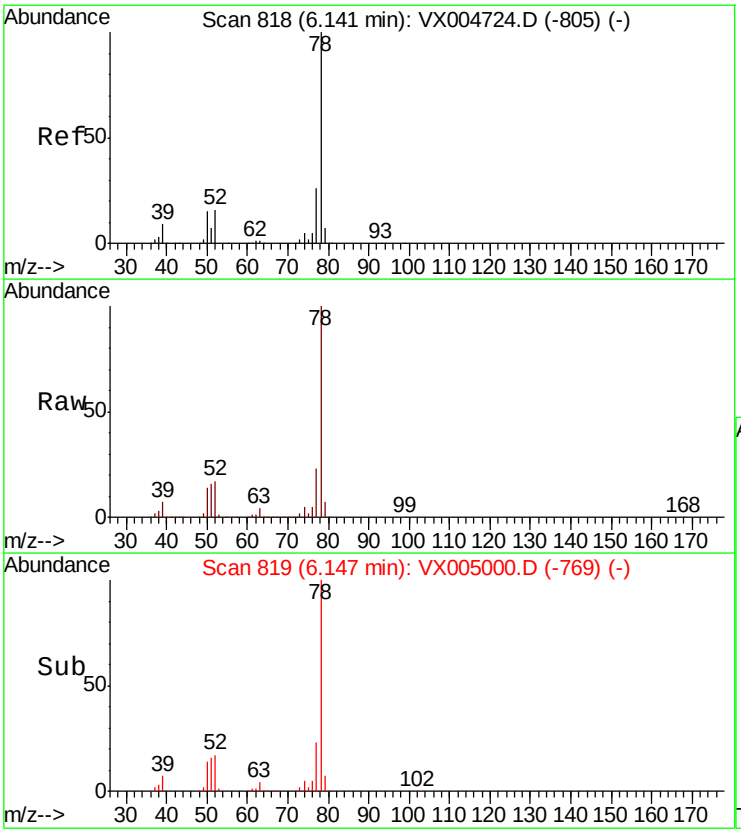
#39
Methylcyclohexane
Concen: 47.053 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX005000.D
Acq: 04 Oct 2018 06:01

Instrument :
MSVOA_X
ClientSampleId :
FA18-JMW-3202

Tgt Ion: 83 Resp: 243986

Ion	Ratio	Lower	Upper
83	100		
55	79.6	81.1	121.7#
98	45.7	37.3	55.9

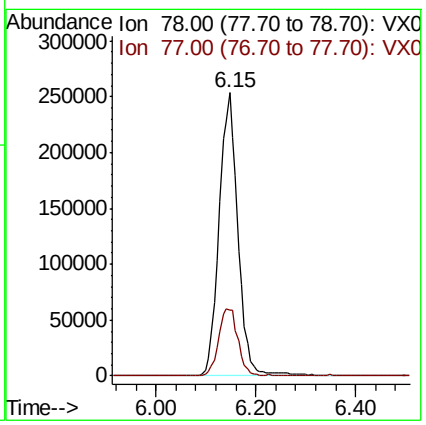


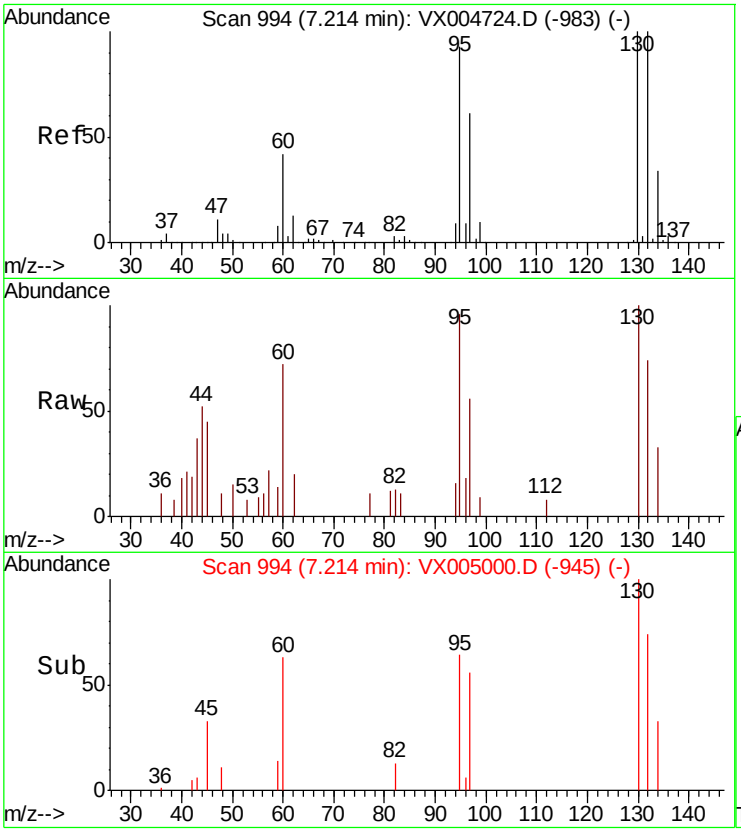


#40
Benzene
Concen: 41.566 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX005000.D
Acq: 04 Oct 2018 06:01

Tgt Ion: 78 Resp: 660816

Ion	Ratio	Lower	Upper
78	100		
77	23.3	21.0	31.4



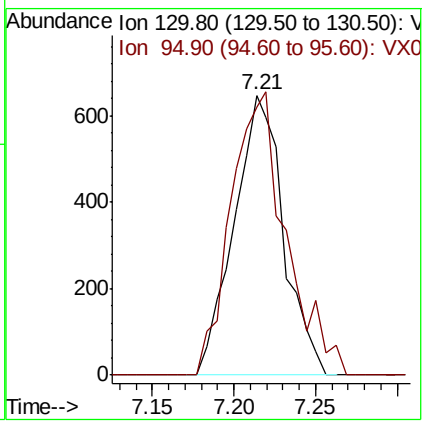


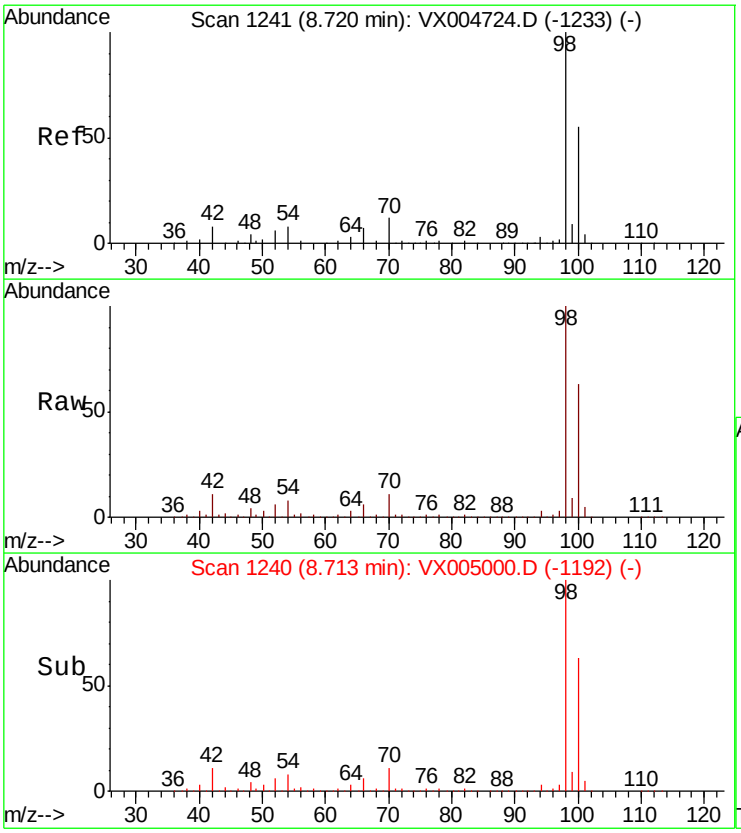
#44
Trichloroethene
Concen: 0.348 ug/l
RT: 7.21 min Scan# 994
Delta R.T. 0.00 min
Lab File: VX005000.D
Acq: 04 Oct 2018 06:01

Instrument :
MSVOA_X
ClientSampleId :
FA18-JMW-3202

Tgt Ion:130 Resp: 1359

Ion	Ratio	Lower	Upper
130	100		
95	95.7	0.0	186.8

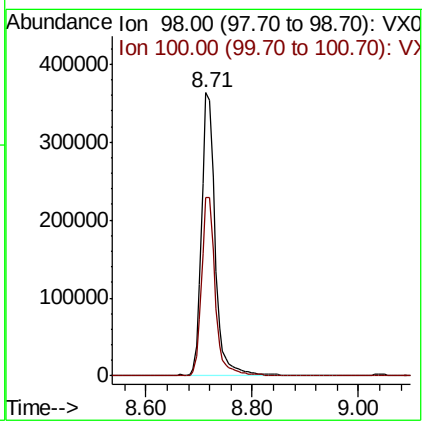


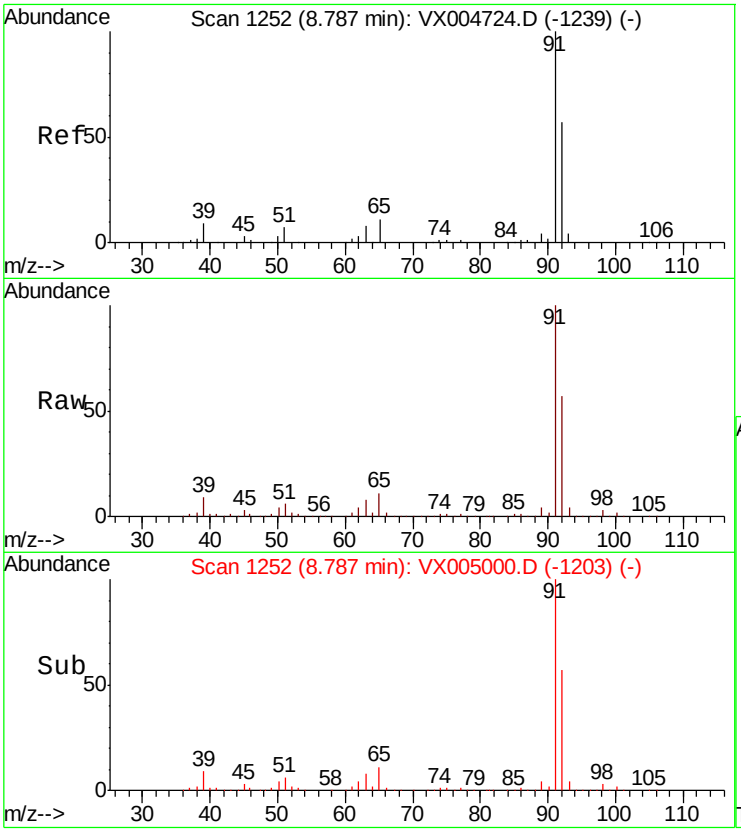


#50
Toluene-d8
Concen: 50.939 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VX005000.D
Acq: 04 Oct 2018 06:01

Tgt Ion: 98 Resp: 630305

Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.9	77.9



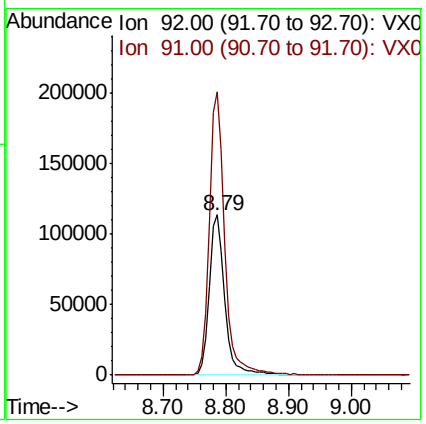


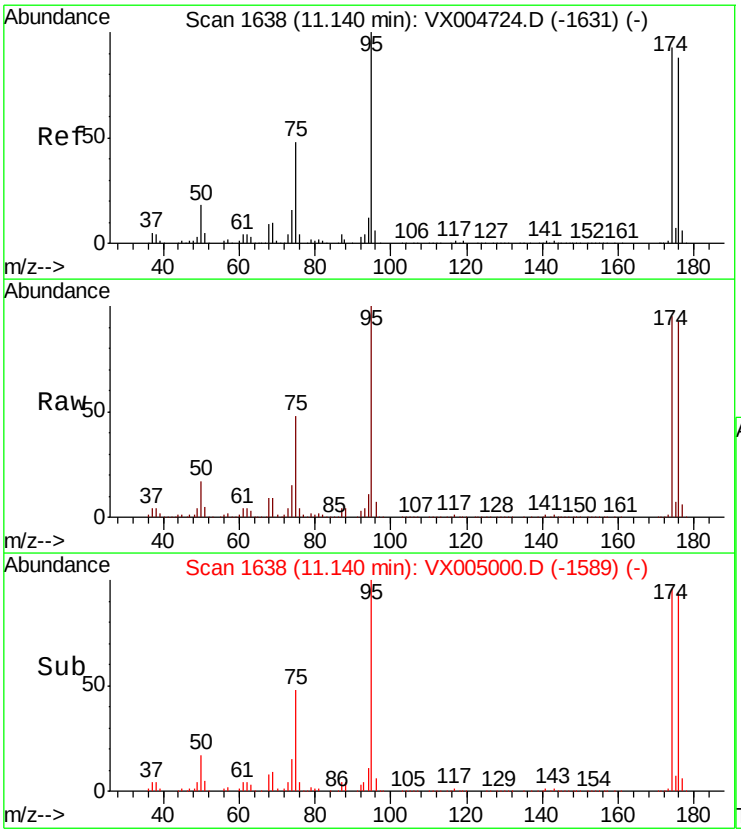
#52
Toluene
Concen: 22.266 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX005000.D
Acq: 04 Oct 2018 06:01

Instrument :
MSVOA_X
ClientSampleId :
FA18-JMW-3202

Tgt Ion: 92 Resp: 194508

Ion	Ratio	Lower	Upper
92	100		
91	175.7	136.7	205.1

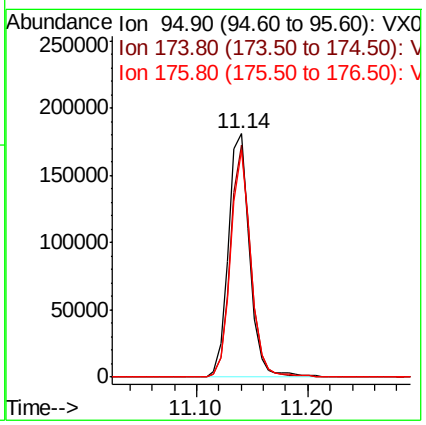


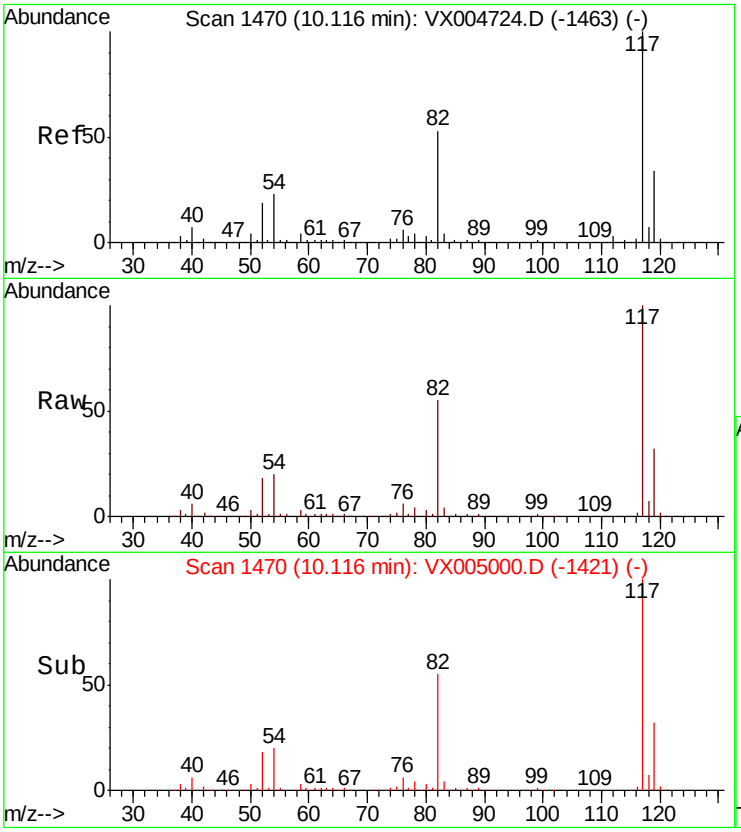


#62
4-Bromofluorobenzene
Concen: 53.681 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX005000.D
Acq: 04 Oct 2018 06:01

Tgt Ion: 95 Resp: 239293

Ion	Ratio	Lower	Upper
95	100		
174	90.3	0.0	185.0
176	88.1	0.0	180.2



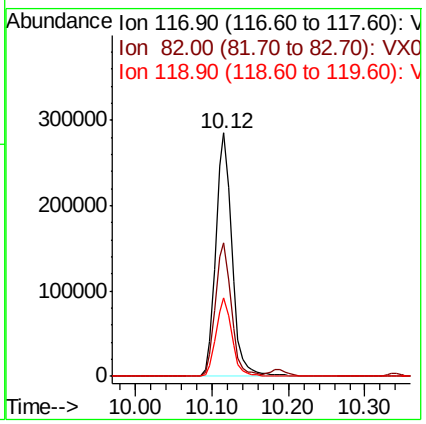


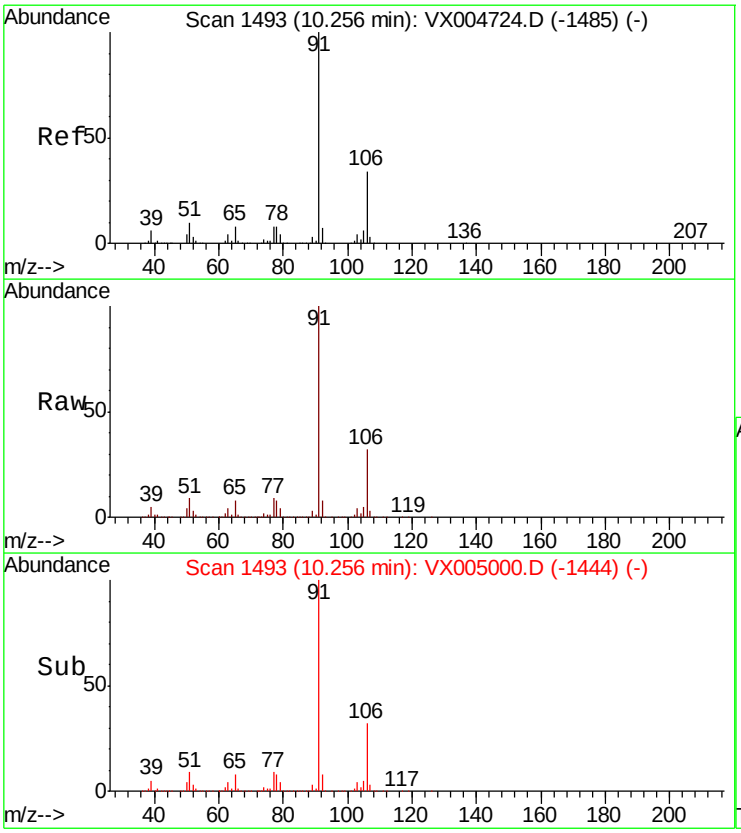
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005000.D
Acq: 04 Oct 2018 06:01

Instrument : MSVOA_X
ClientSampleId : FA18-JMW-3202

Tgt Ion:117 Resp: 418797

Ion	Ratio	Lower	Upper
117	100		
82	54.9	42.2	63.4
119	32.5	27.4	41.0

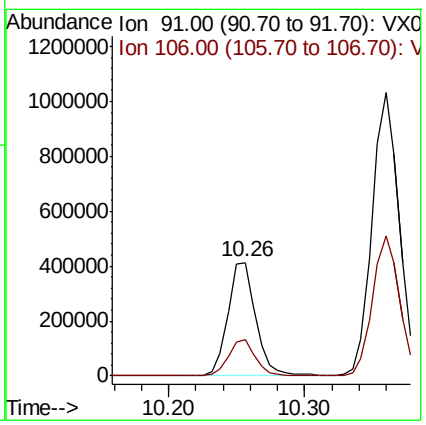


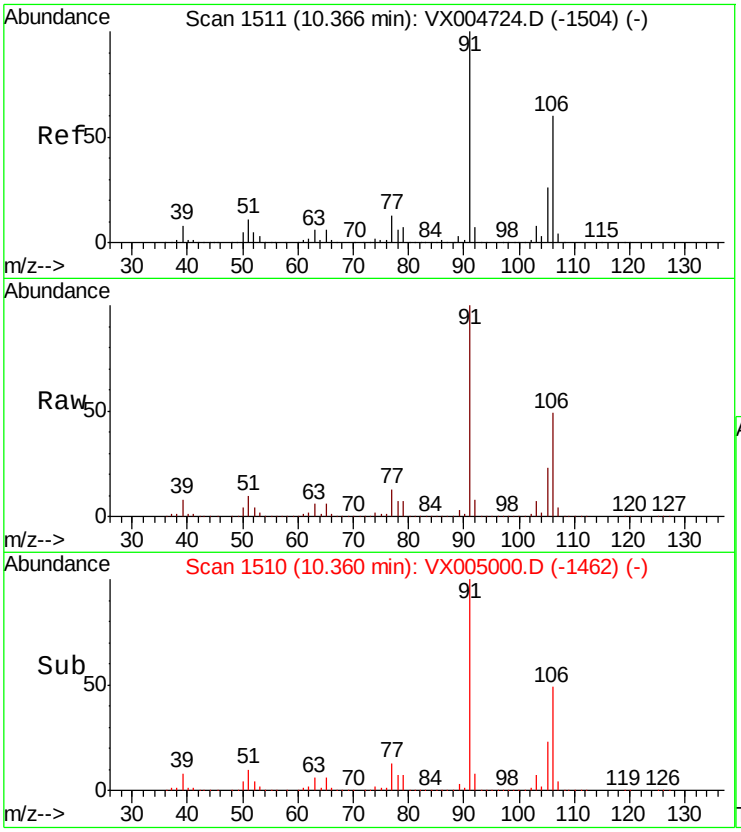


#67
Ethyl Benzene
Concen: 34.701 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VX005000.D
Acq: 04 Oct 2018 06:01

Tgt Ion: 91 Resp: 591643

Ion	Ratio	Lower	Upper
91	100		
106	31.7	26.9	40.3



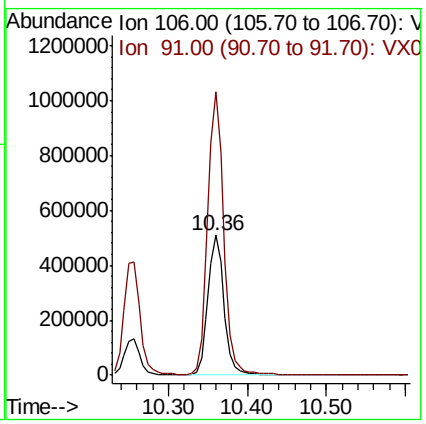


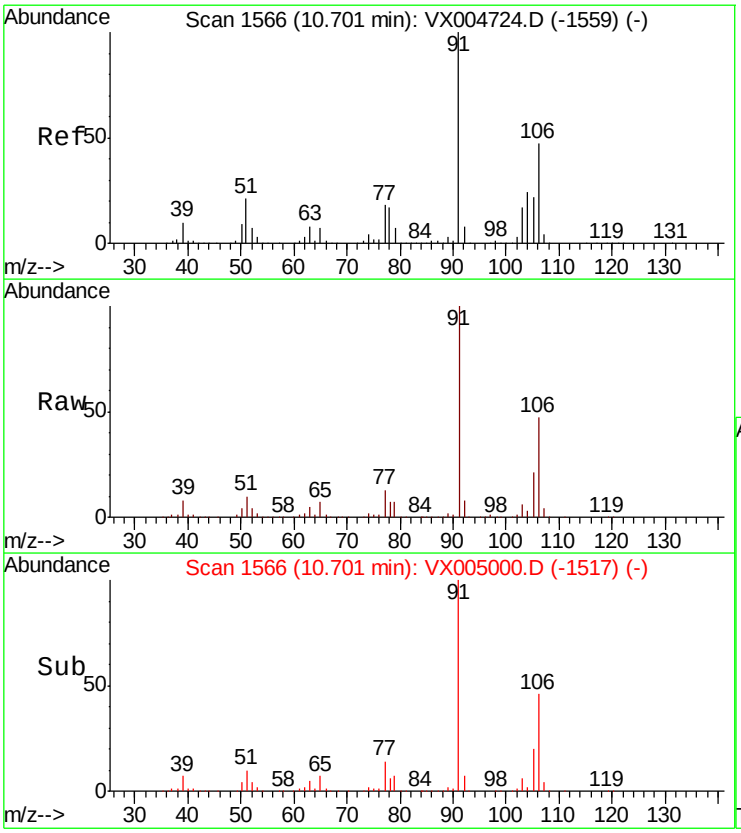
#68
m/p-Xylenes
Concen: 107.860 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX005000.D
Acq: 04 Oct 2018 06:01

Instrument :
MSVOA_X
ClientSampleId :
FA18-JMW-3202

Tgt Ion:106 Resp: 718624

Ion	Ratio	Lower	Upper
106	100		
91	203.2	157.5	236.3

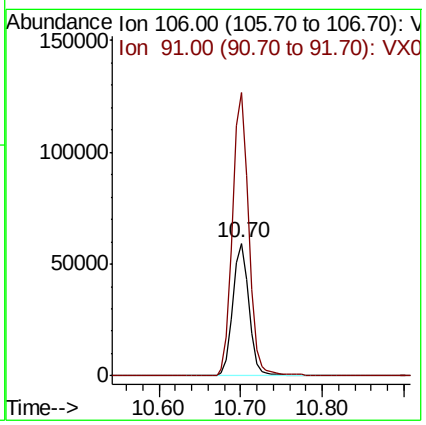


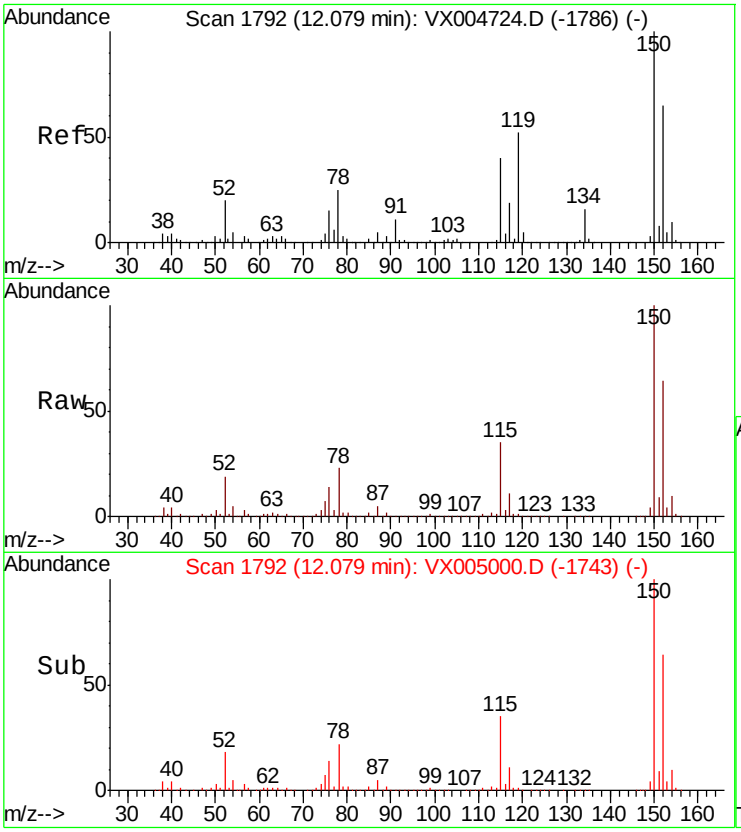


#69
o-Xylene
Concen: 13.139 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX005000.D
Acq: 04 Oct 2018 06:01

Tgt Ion:106 Resp: 80406

Ion	Ratio	Lower	Upper
106	100		
91	213.7	108.3	324.8



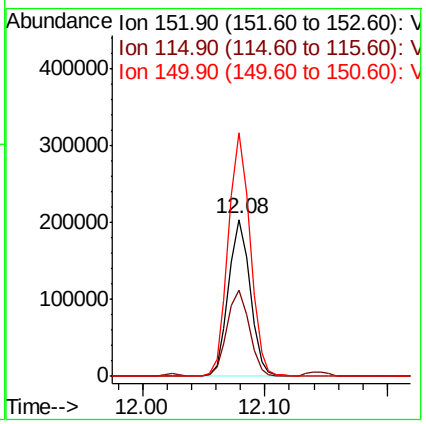


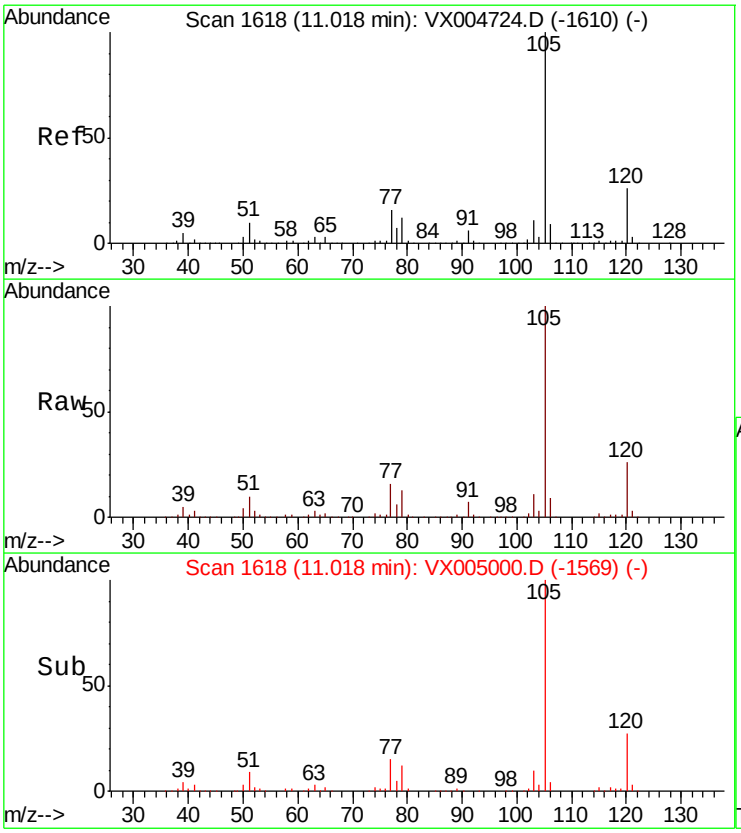
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX005000.D
Acq: 04 Oct 2018 06:01

Instrument :
MSVOA_X
ClientSampleId :
FA18-JMW-3202

Tgt Ion:152 Resp: 249369

Ion	Ratio	Lower	Upper
152	100		
115	56.6	40.2	120.6
150	156.0	0.0	351.0

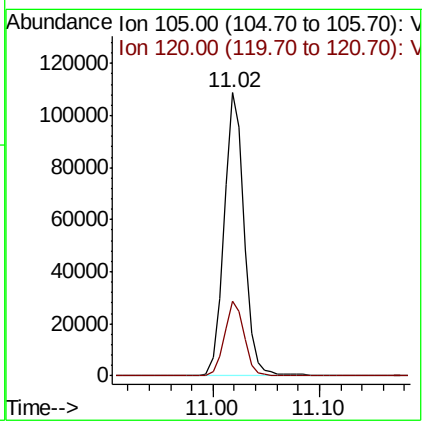


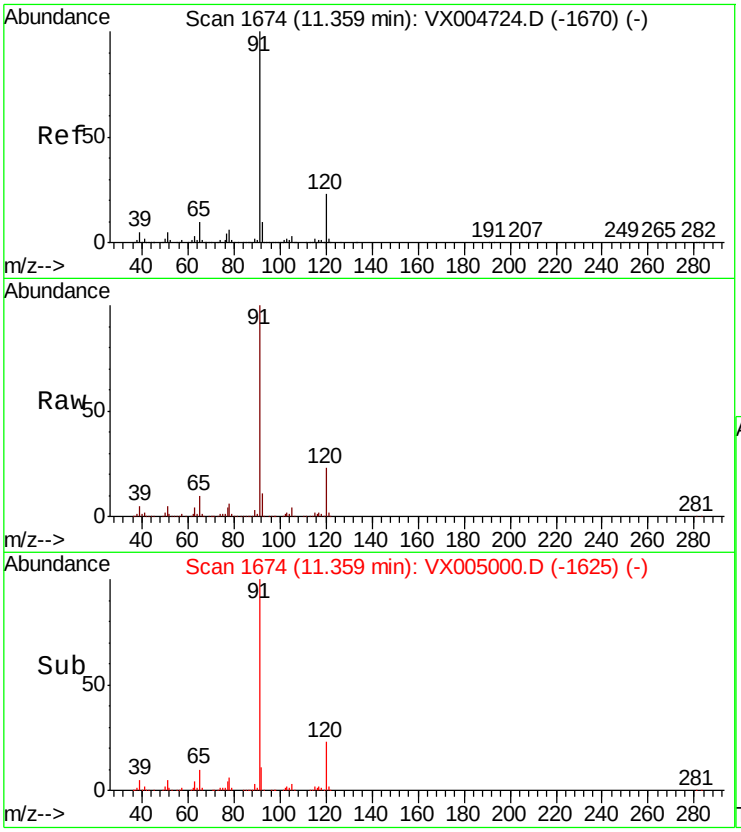


#73
Isopropylbenzene
Concen: 9.148 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX005000.D
Acq: 04 Oct 2018 06:01

Tgt Ion:105 Resp: 143787

Ion	Ratio	Lower	Upper
105	100		
120	26.1	13.2	39.5



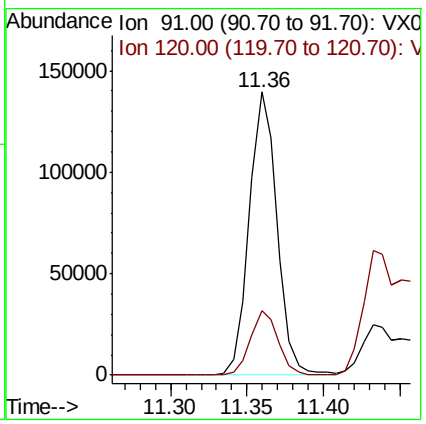


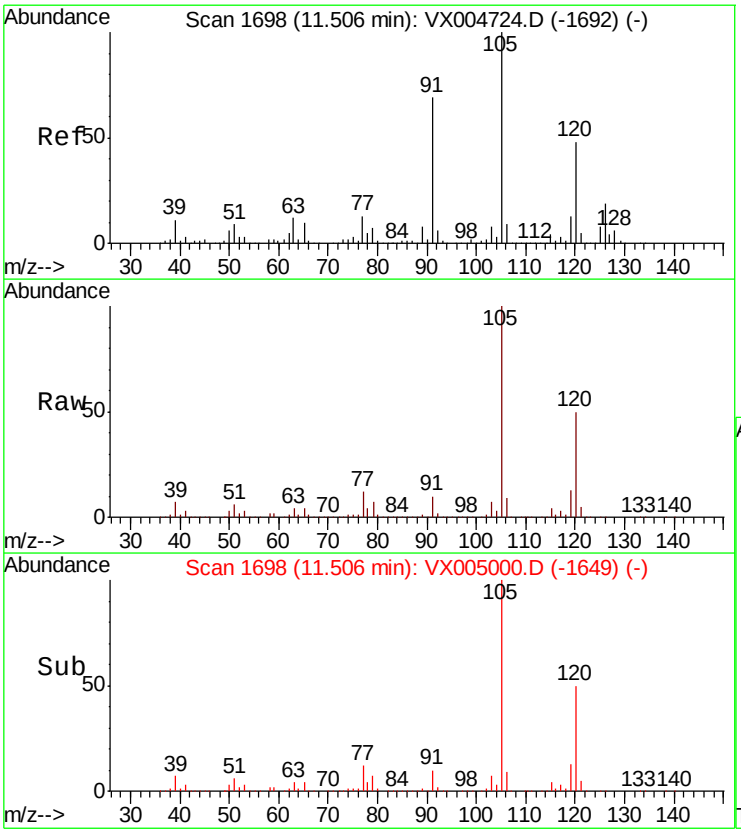
#78
n-propylbenzene
Concen: 9.806 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX005000.D
Acq: 04 Oct 2018 06:01

Instrument :
MSVOA_X
ClientSampleId :
FA18-JMW-3202

Tgt Ion: 91 Resp: 176844

Ion	Ratio	Lower	Upper
91	100		
120	22.7	12.0	36.0

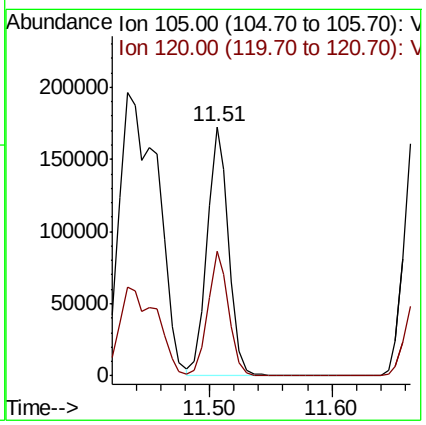


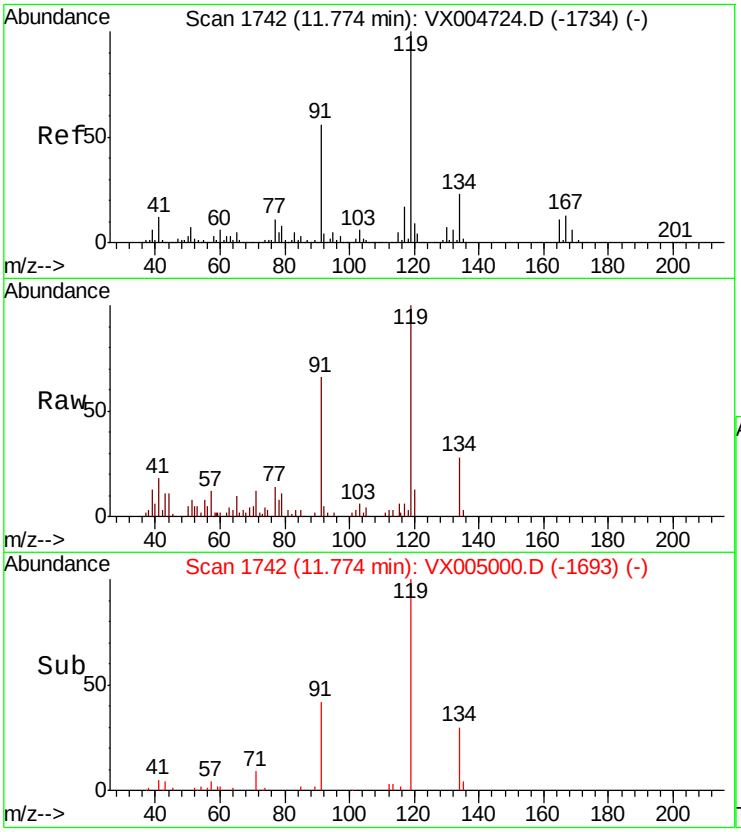


#80
1,3,5-Trimethylbenzene
Concen: 14.575 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX005000.D
Acq: 04 Oct 2018 06:01

Tgt Ion:105 Resp: 211986

Ion	Ratio	Lower	Upper
105	100		
120	48.9	24.3	72.8



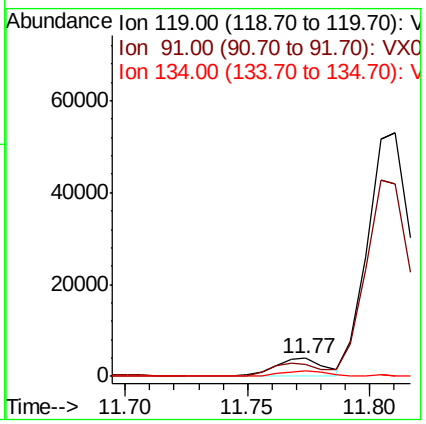


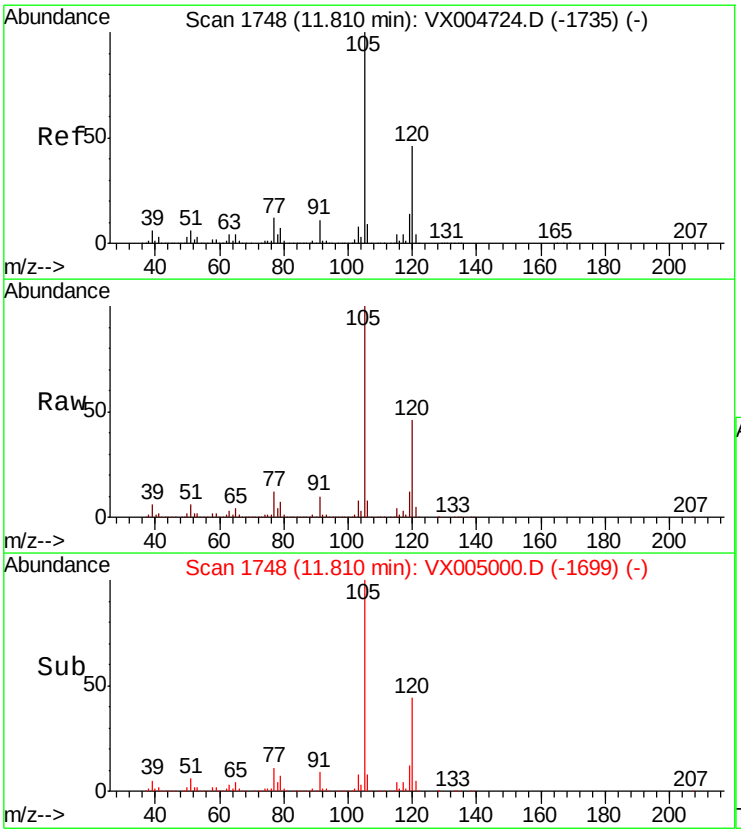
#83
tert-Butylbenzene
Concen: 0.428 ug/l
RT: 11.77 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX005000.D
Acq: 04 Oct 2018 06:01

Instrument : MSVOA_X
ClientSampleId : FA18-JMW-3202

Tgt Ion:119 Resp: 5535

Ion	Ratio	Lower	Upper
119	100		
91	65.8	27.5	82.5
134	27.6	11.5	34.4

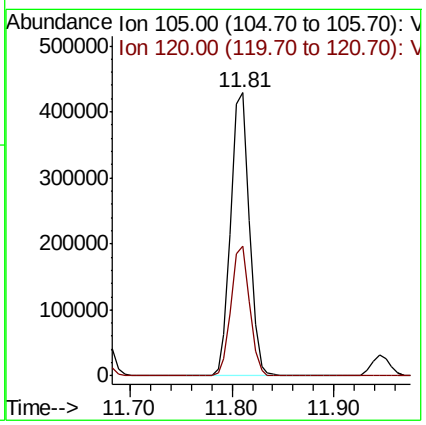


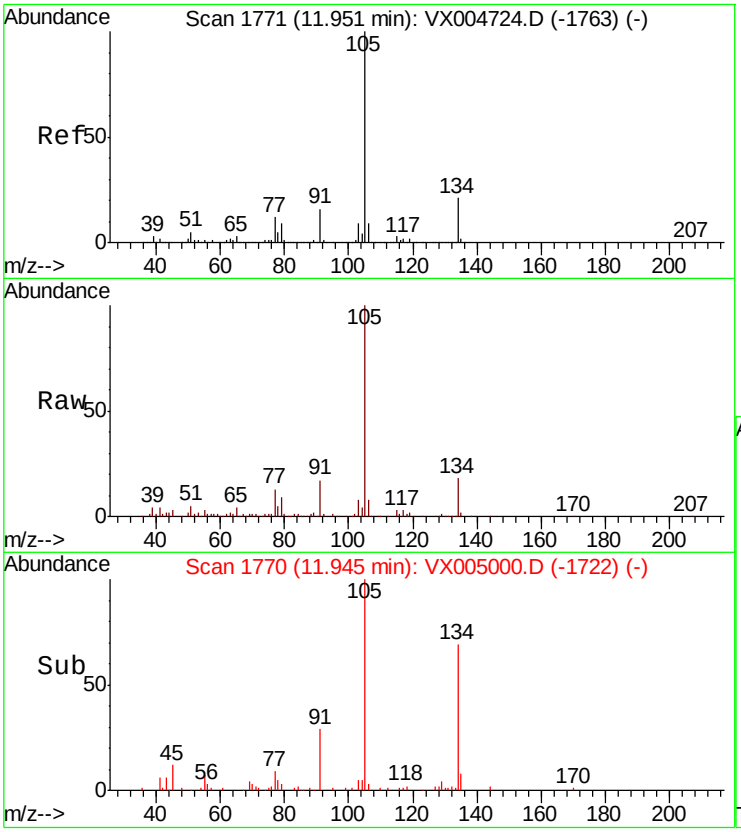


#84
1,2,4-Trimethylbenzene
Concen: 36.046 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VX005000.D
Acq: 04 Oct 2018 06:01

Tgt Ion:105 Resp: 536344

Ion	Ratio	Lower	Upper
105	100		
120	45.9	22.8	68.3



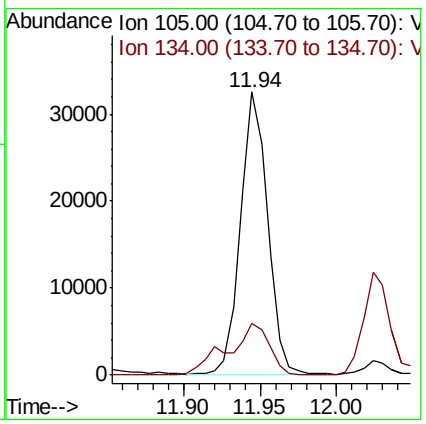


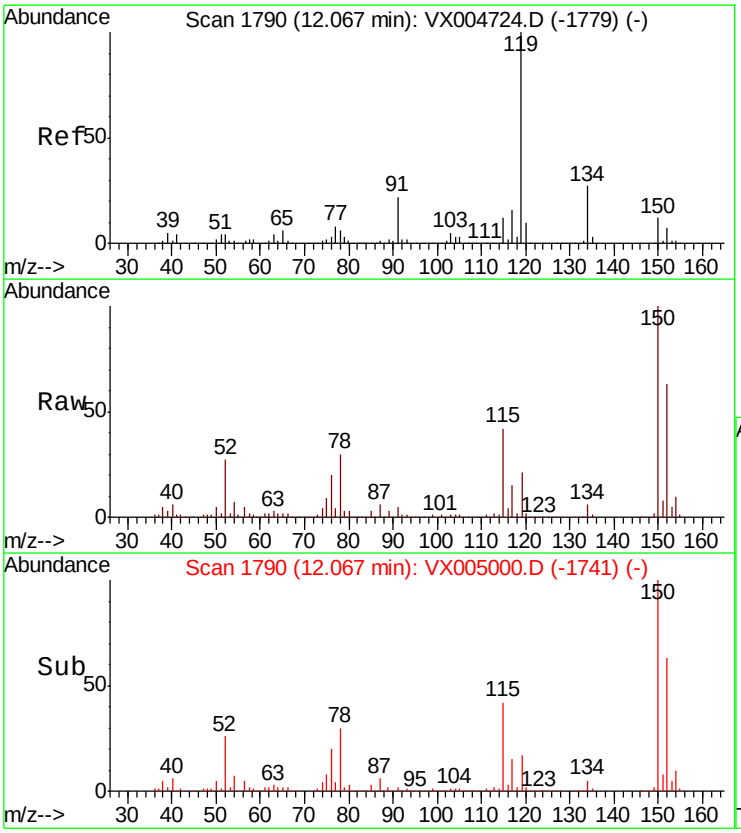
#85
sec-Butylbenzene
Concen: 2.535 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. -0.01 min
Lab File: VX005000.D
Acq: 04 Oct 2018 06:01

Instrument :
MSVOA_X
ClientSampleId :
FA18-JMW-3202

Tgt Ion:105 Resp: 39959

Ion	Ratio	Lower	Upper
105	100		
134	28.4	10.2	30.4

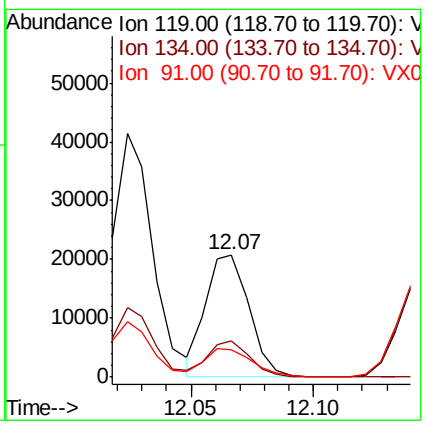


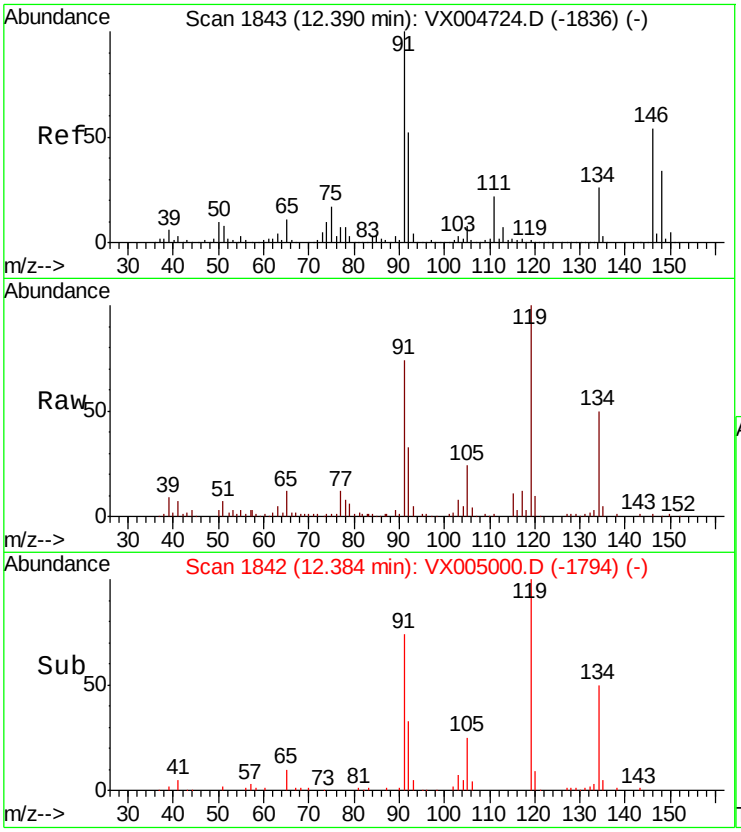


#86
p-Isopropyltoluene
Concen: 1.786 ug/l
RT: 12.07 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX005000.D
Acq: 04 Oct 2018 06:01

Tgt Ion:119 Resp: 25511

Ion	Ratio	Lower	Upper
119	100		
134	28.5	13.4	40.1
91	24.6	11.5	34.4



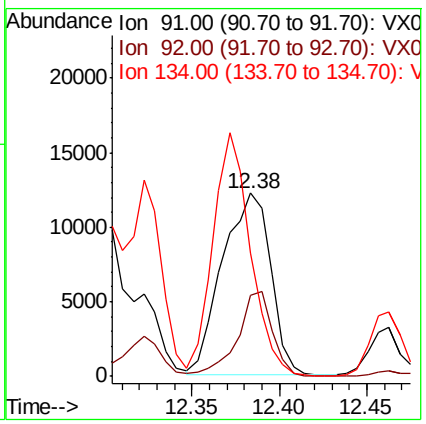


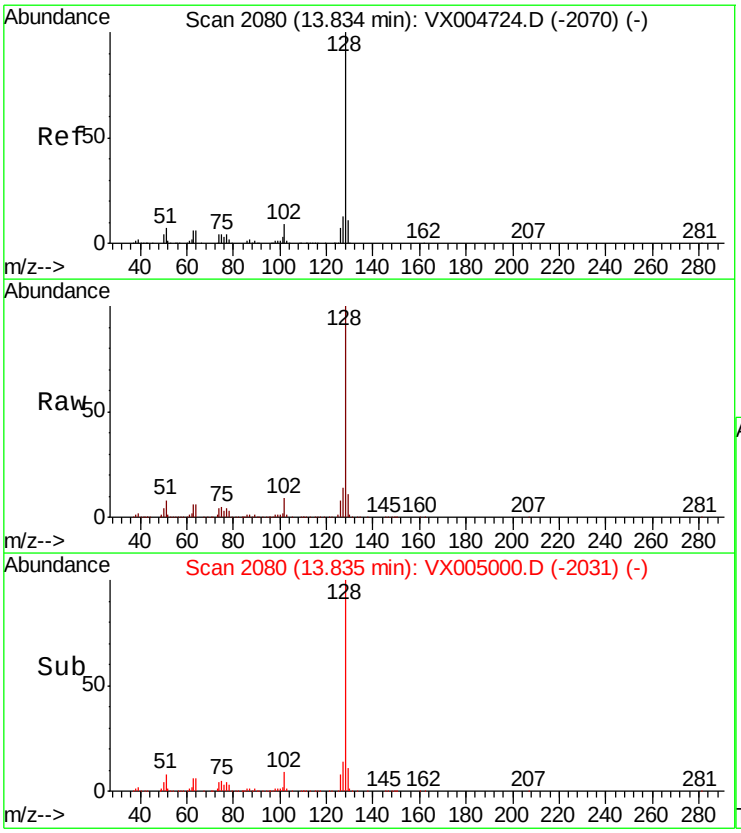
#89
n-Butylbenzene
Concen: 1.805 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.01 min
Lab File: VX005000.D
Acq: 04 Oct 2018 06:01

Instrument : MSVOA_X
ClientSampleId : FA18-JMW-3202

Tgt Ion: 91 Resp: 23413

Ion	Ratio	Lower	Upper
91	100		
92	33.9	26.0	78.0
134	104.3	13.2	39.6#





#95
Naphthalene
Concen: 5.076 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX005000.D
Acq: 04 Oct 2018 06:01

Tgt Ion:128 Resp: 91691

Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.4	15.6
129	12.0	8.7	13.1