Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071519\
Data File : VX010877.D
Acq On : 15 Jul 2019 12:22
Operator : JC/SP
Sample : K3780-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 390711763.1-VOA

Quant Time: Jul 16 09:54:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	233354	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	362741	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	332864	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	161257	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	122911	56.18	ug/l	0.00
Spiked Amount 50.000			Recovery = 112.36%			
35) Dibromofluoromethane	5.50	113	114587	51.63	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.26%			
50) Toluene-d8	8.71	98	433650	51.07	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.14%			
62) 4-Bromofluorobenzene	11.13	95	156171	50.95	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.90%			
Target Compounds						Qvalue
8) Diethyl Ether	2.19	74	2792	2.374	ug/l	79
11) Tert butyl alcohol	3.04	59	1023092	1787.033	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	9885	1.553	ug/l	97
29) Tetrahydrofuran	5.12	42	236441	237.321	ug/l	97
49) 1,4-Dioxane	7.74	88	2842	43.260	ug/l #	84
68) m/p-Xylenes	10.35	106	7904	1.788	ug/l	99
69) o-Xylene	10.69	106	8108	1.865	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	3547	0.394	ug/l	93
84) 1,2,4-Trimethylbenzene	11.80	105	5912	0.653	ug/l	90
88) 1,4-Dichlorobenzene	12.10	146	13185	2.431	ug/l	85

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

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071519\
Data File : VX010877.D
Acq On : 15 Jul 2019 12:22
Operator : JC/SP
Sample : K3780-01
Misc : 5.0mL/MSVOA_X/WATER
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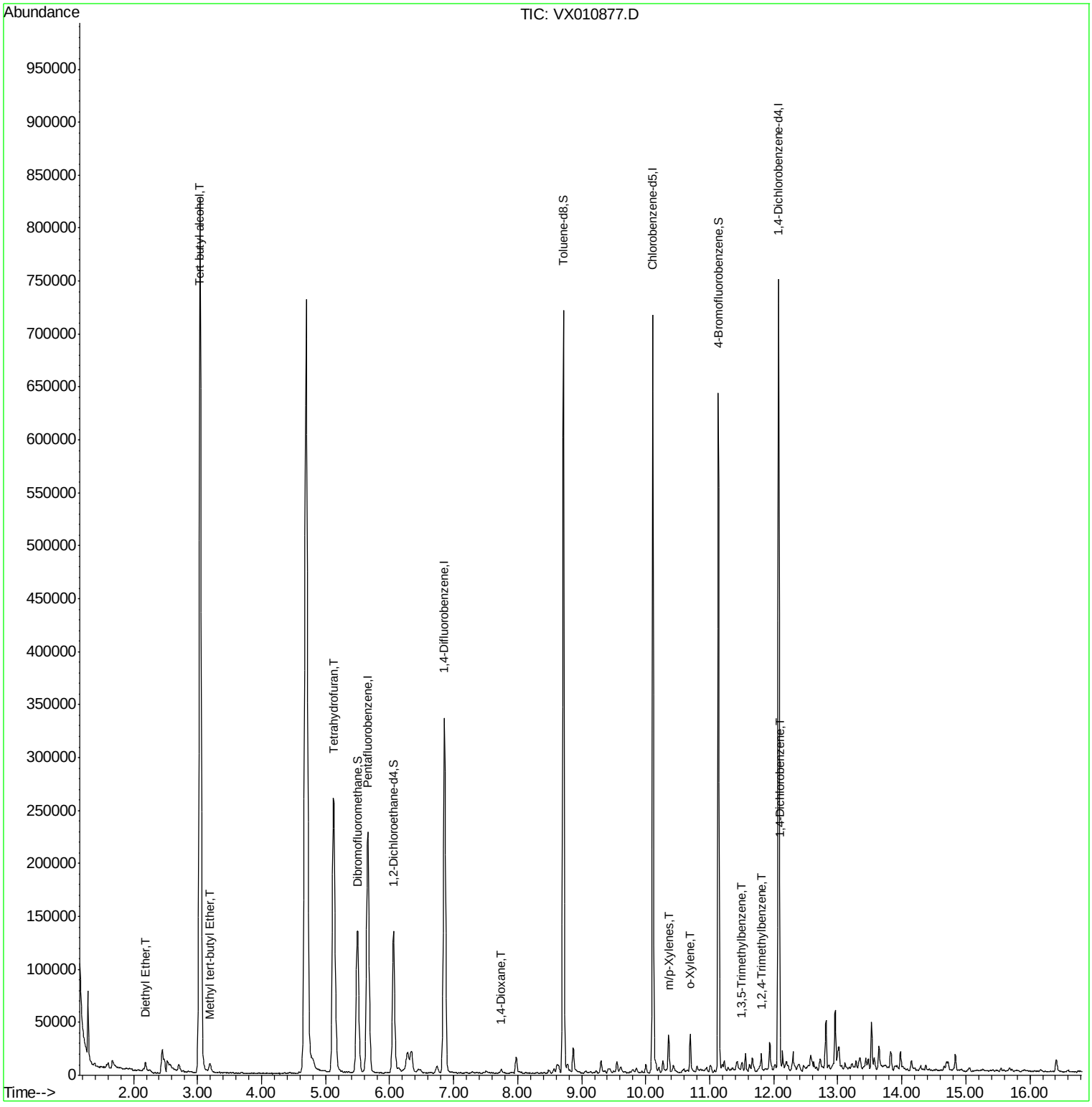
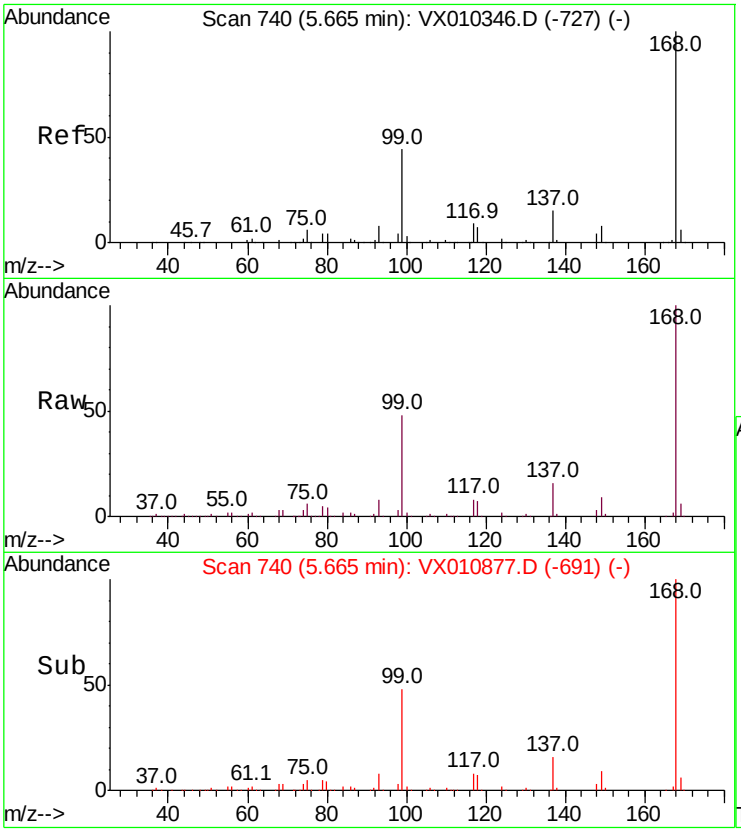
Instrument :
MSVOA_X
ClientSampleId :
390711763.1-VOA

Quant Time: Jul 16 09:54:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration



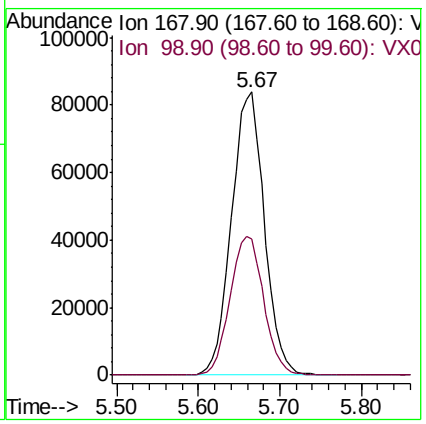


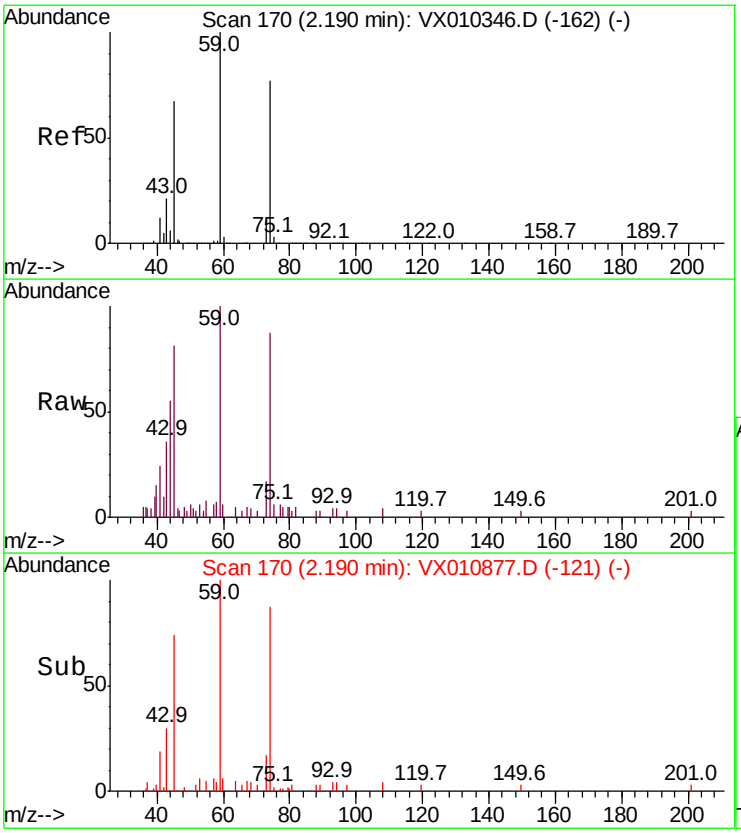
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX010877.D
Acq: 15 Jul 2019 12:22

Instrument :
MSVOA_X
ClientSampleId :
390711763.1-VOA

Tgt Ion:168 Resp: 233354

Ion	Ratio	Lower	Upper
168	100		
99	47.9	35.5	53.3

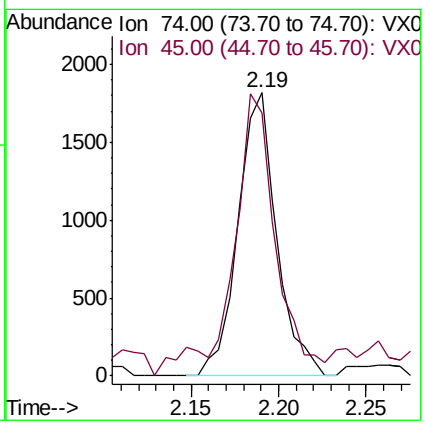


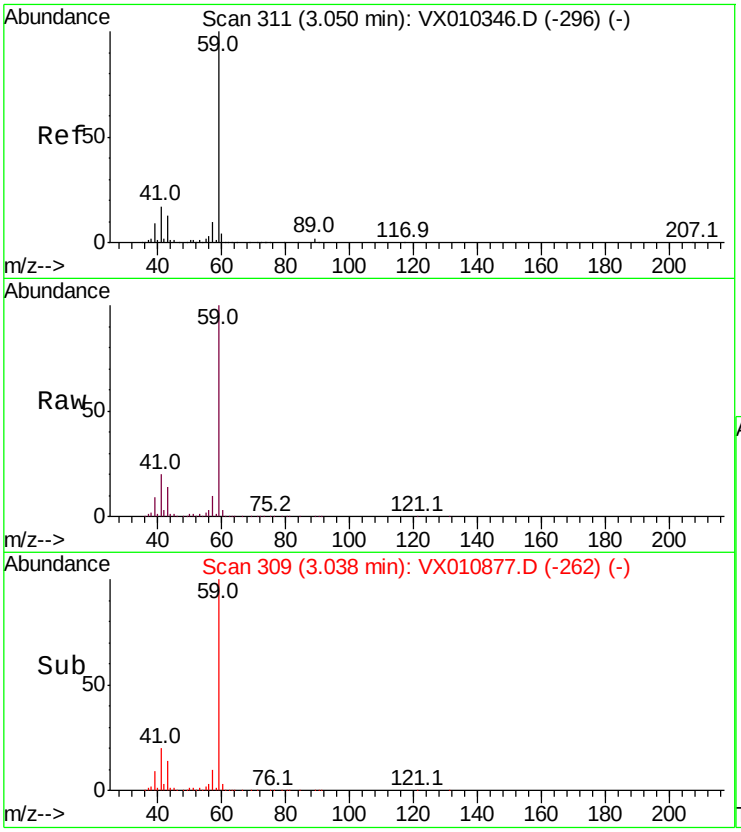


#8
Diethyl Ether
Concen: 2.374 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX010877.D
Acq: 15 Jul 2019 12:22

Tgt Ion: 74 Resp: 2792

Ion	Ratio	Lower	Upper
74	100		
45	109.2	44.8	134.4



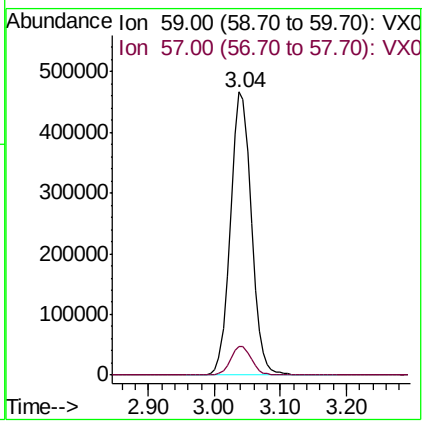


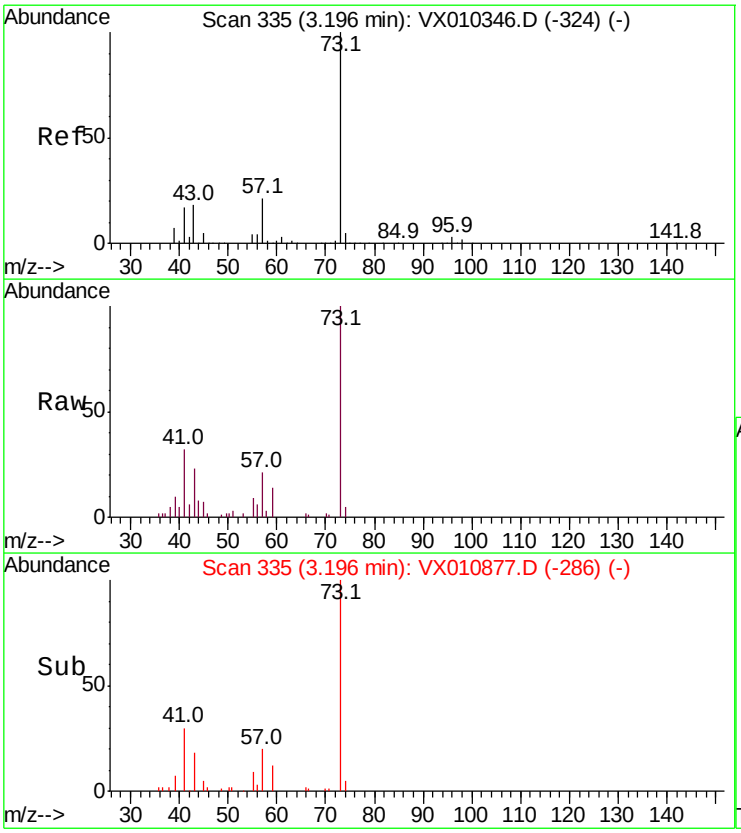
#11
Tert butyl alcohol
Concen: 1787.033 ug/l
RT: 3.04 min Scan# 309
Delta R.T. -0.01 min
Lab File: VX010877.D
Acq: 15 Jul 2019 12:22

Instrument :
MSVOA_X
ClientSampleId :
390711763.1-VOA

Tgt Ion: 59 Resp: 1023092

Ion	Ratio	Lower	Upper
59	100		
57	10.3	7.7	11.5

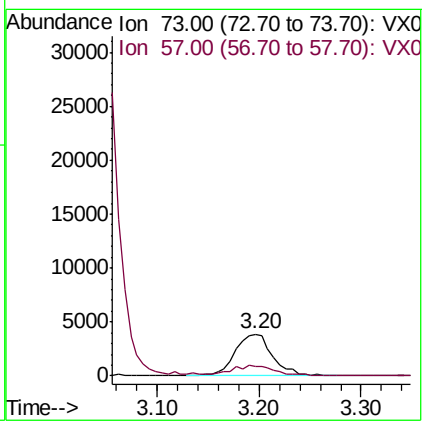


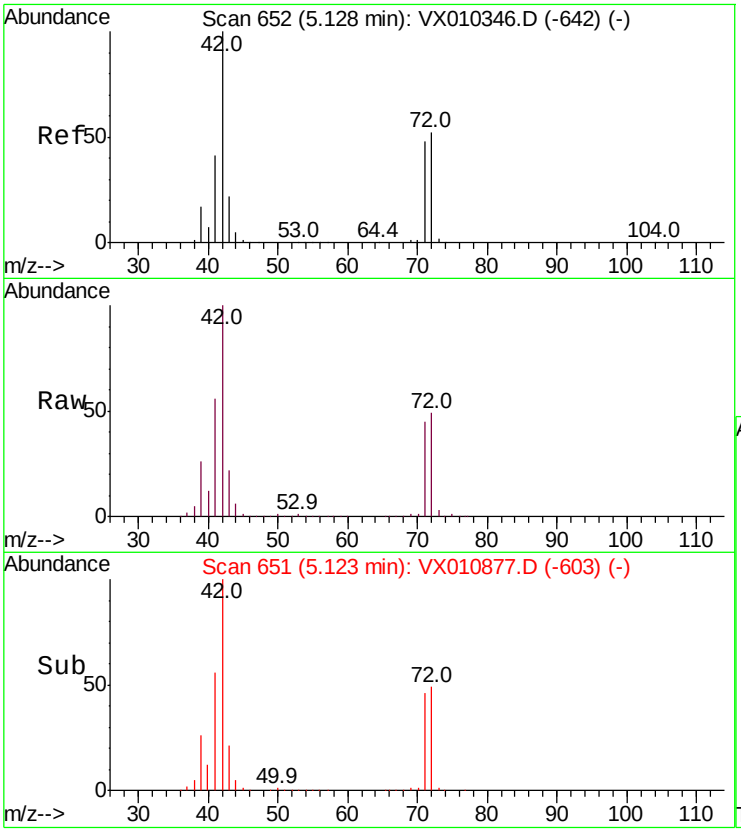


#19
Methyl tert-butyl Ether
Concen: 1.553 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX010877.D
Acq: 15 Jul 2019 12:22

Tgt Ion: 73 Resp: 9885

Ion	Ratio	Lower	Upper
73	100		
57	19.2	16.4	24.6



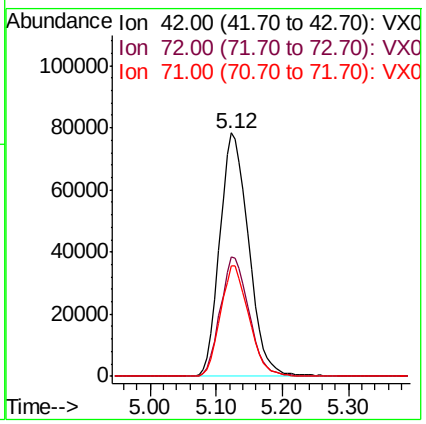


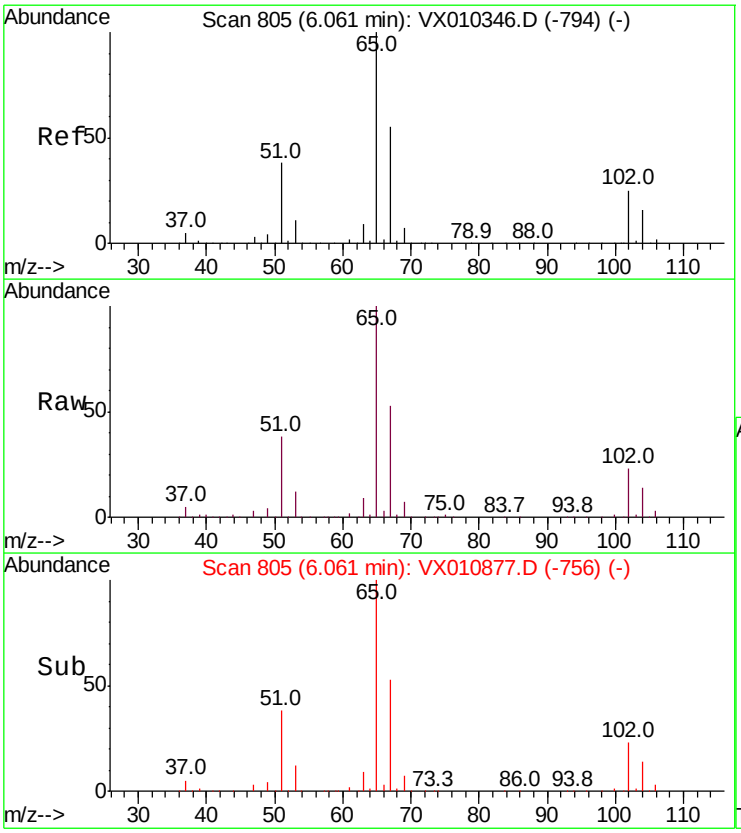
#29
Tetrahydrofuran
Concen: 237.321 ug/l
RT: 5.12 min Scan# 651
Delta R.T. -0.01 min
Lab File: VX010877.D
Acq: 15 Jul 2019 12:22

Instrument :
MSVOA_X
ClientSampleId :
390711763.1-VOA

Tgt Ion: 42 Resp: 236441

Ion	Ratio	Lower	Upper
42	100		
72	48.6	40.6	60.8
71	45.0	37.8	56.8

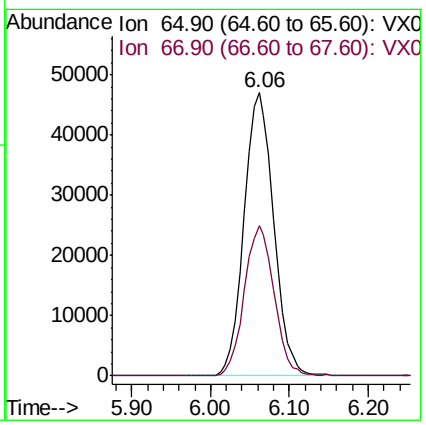


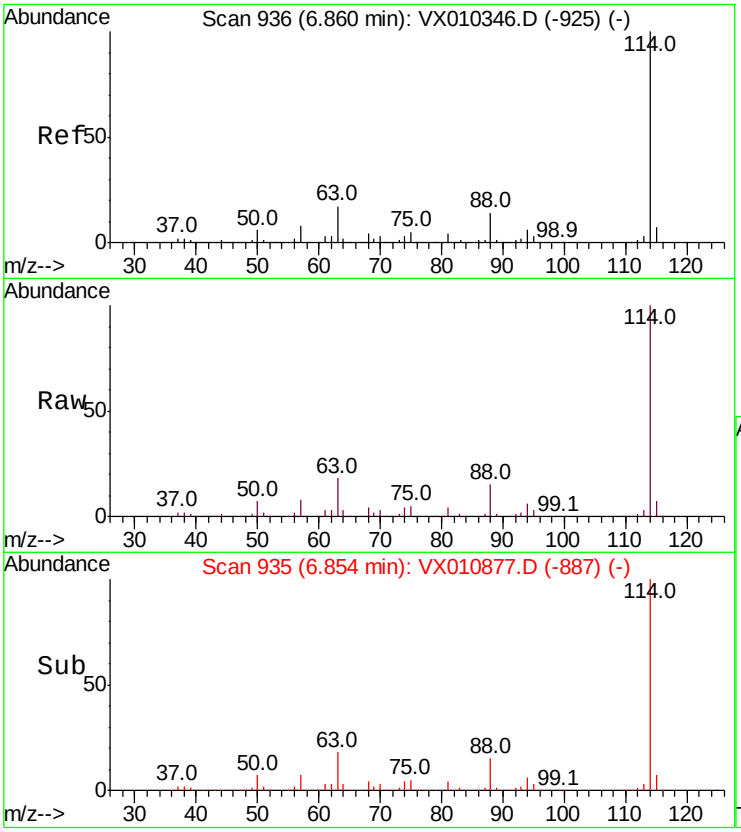


#33
1,2-Dichloroethane-d4
Concen: 56.177 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX010877.D
Acq: 15 Jul 2019 12:22

Tgt Ion: 65 Resp: 122911

Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	110.2



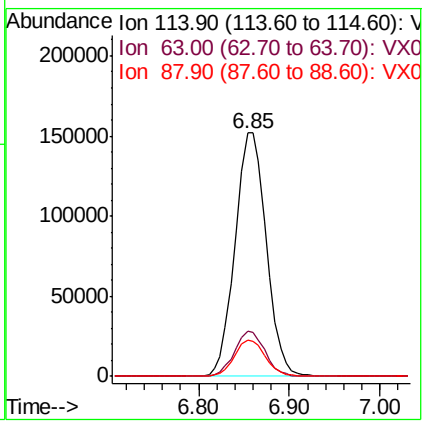


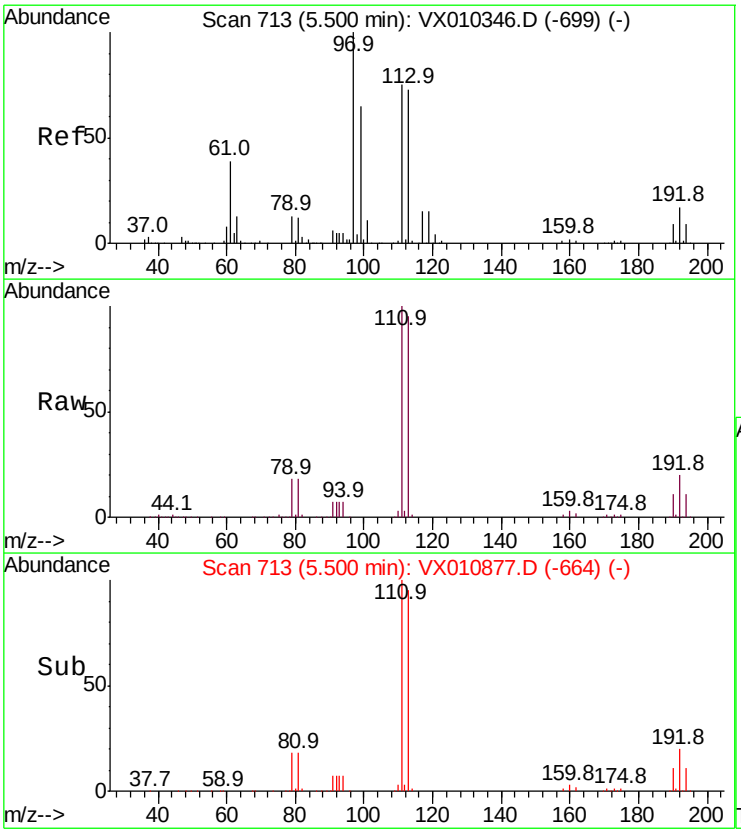
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 935
Delta R.T. -0.01 min
Lab File: VX010877.D
Acq: 15 Jul 2019 12:22

Instrument :
MSVOA_X
ClientSampleId :
390711763.1-VOA

Tgt Ion:114 Resp: 362741

Ion	Ratio	Lower	Upper
114	100		
63	18.4	0.0	33.8
88	14.6	0.0	27.6

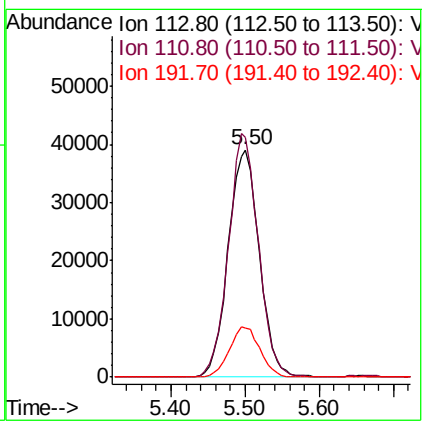


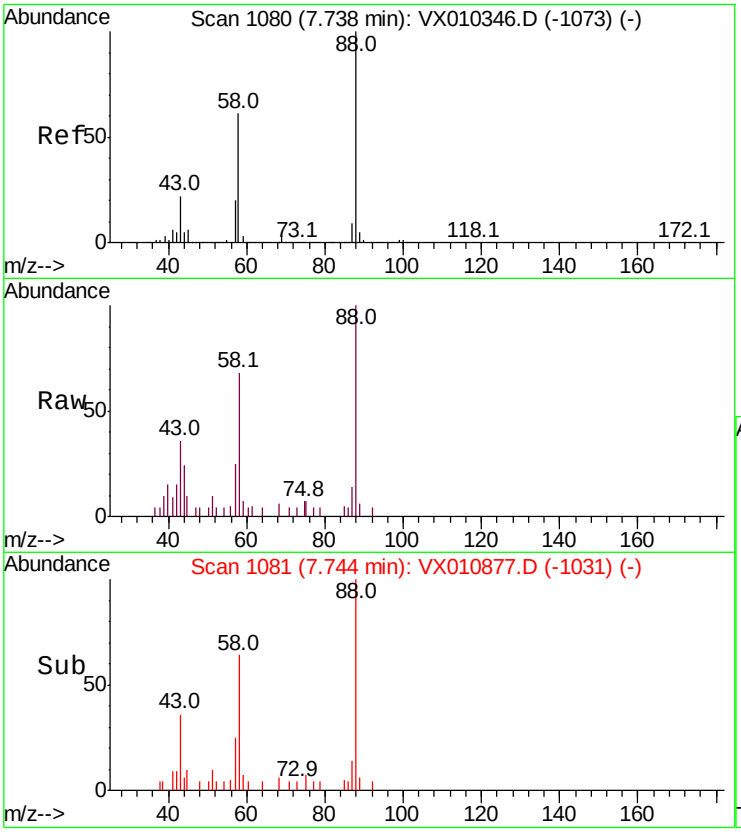


#35
Dibromofluoromethane
Concen: 51.630 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX010877.D
Acq: 15 Jul 2019 12:22

Tgt Ion:113 Resp: 114587

Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.2	121.8
192	21.7	18.6	27.8



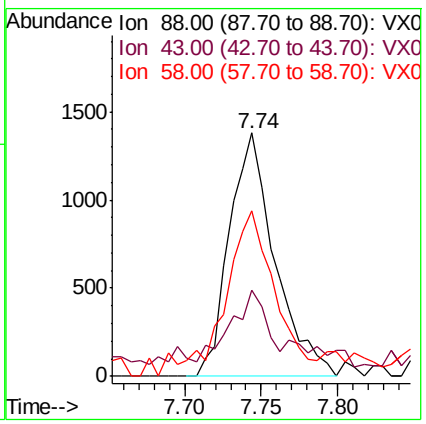


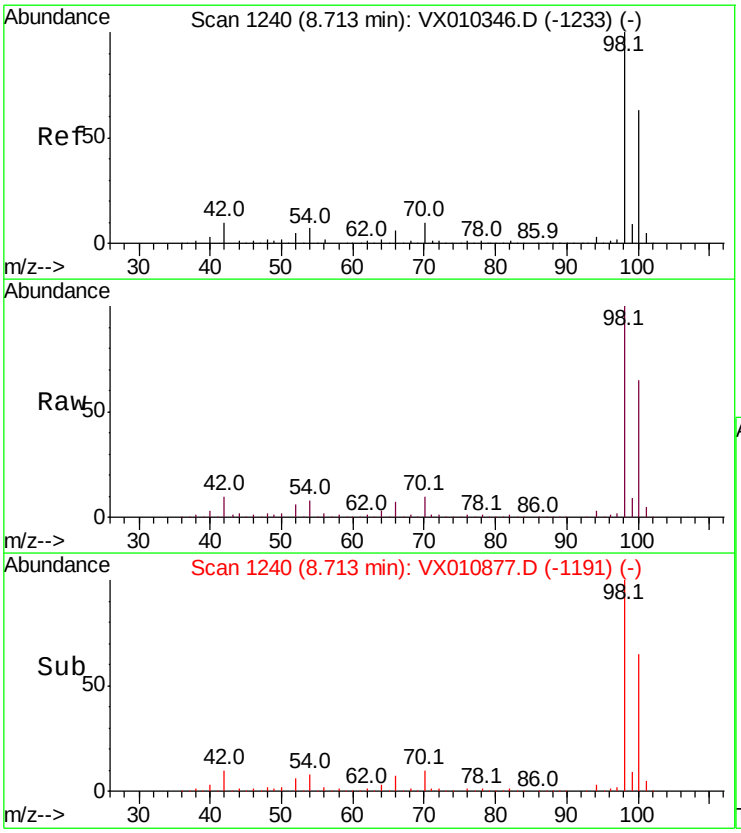
#49
1,4-Dioxane
Concen: 43.260 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. 0.01 min
Lab File: VX010877.D
Acq: 15 Jul 2019 12:22

Instrument :
MSVOA_X
ClientSampleId :
390711763.1-VOA

Tgt Ion: 88 Resp: 2842

Ion	Ratio	Lower	Upper
88	100		
43	21.9	20.2	30.2
58	76.8	49.5	74.3#

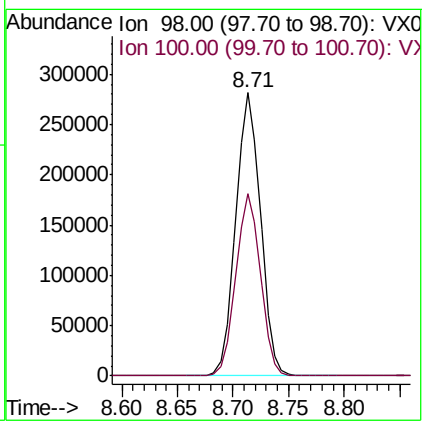


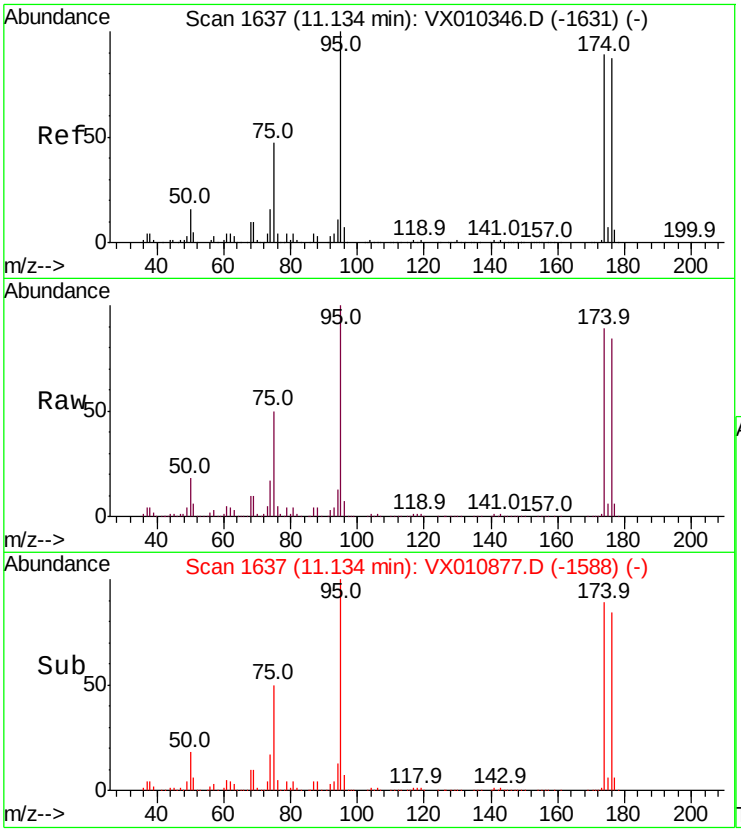


#50
Toluene-d8
Concen: 51.072 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010877.D
Acq: 15 Jul 2019 12:22

Tgt Ion: 98 Resp: 433650

Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.6	77.4



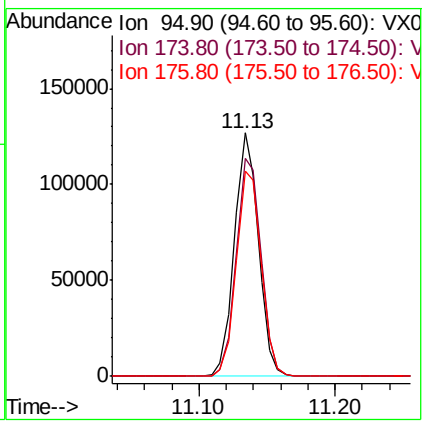


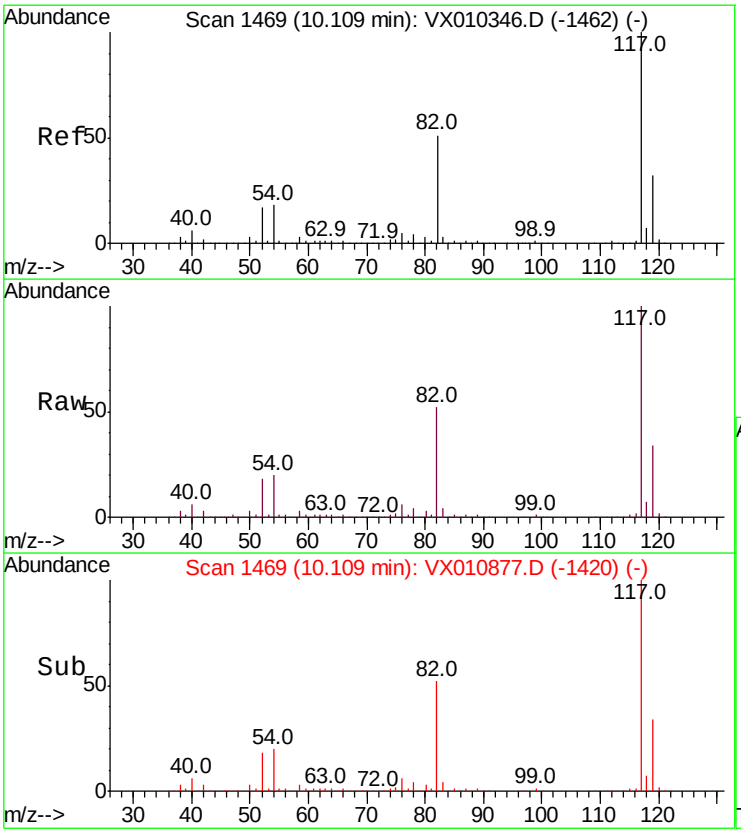
#62
4-Bromofluorobenzene
Concen: 50.945 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010877.D
Acq: 15 Jul 2019 12:22

Instrument :
MSVOA_X
ClientSampleId :
390711763.1-VOA

Tgt Ion: 95 Resp: 156171

Ion	Ratio	Lower	Upper
95	100		
174	92.3	0.0	187.6
176	87.4	0.0	184.0

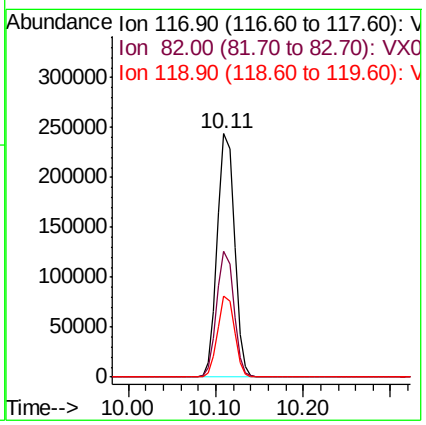


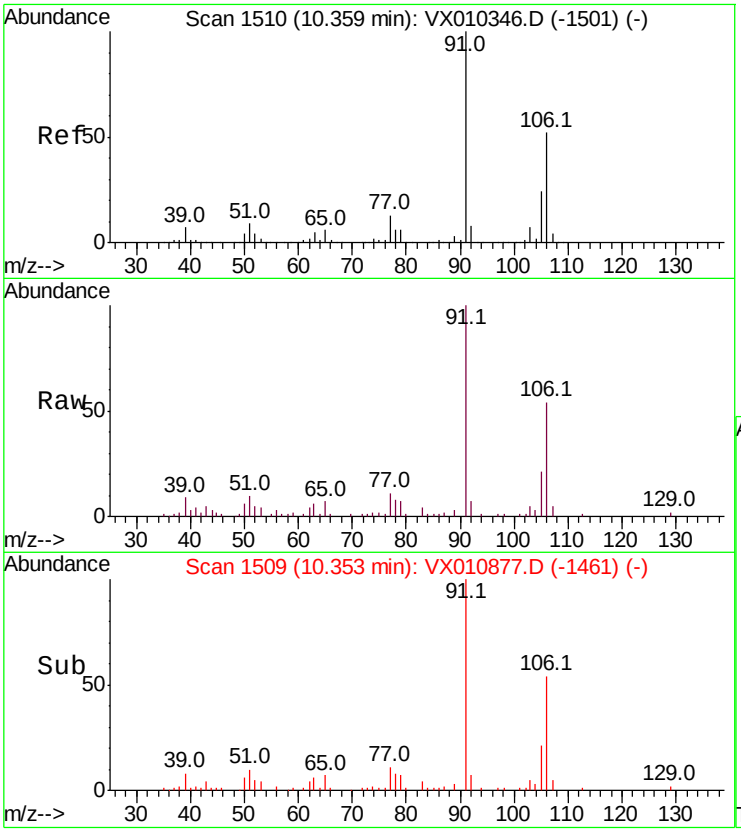


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010877.D
Acq: 15 Jul 2019 12:22

Tgt Ion:117 Resp: 332864

Ion	Ratio	Lower	Upper
117	100		
82	51.9	41.2	61.8
119	33.5	25.5	38.3



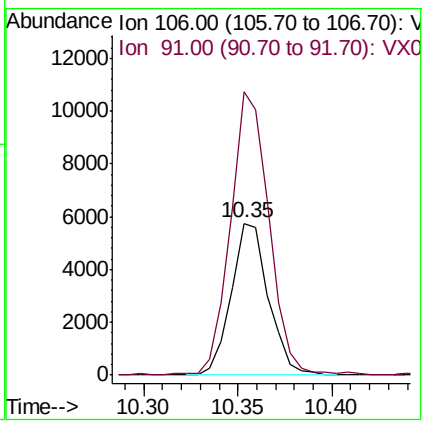


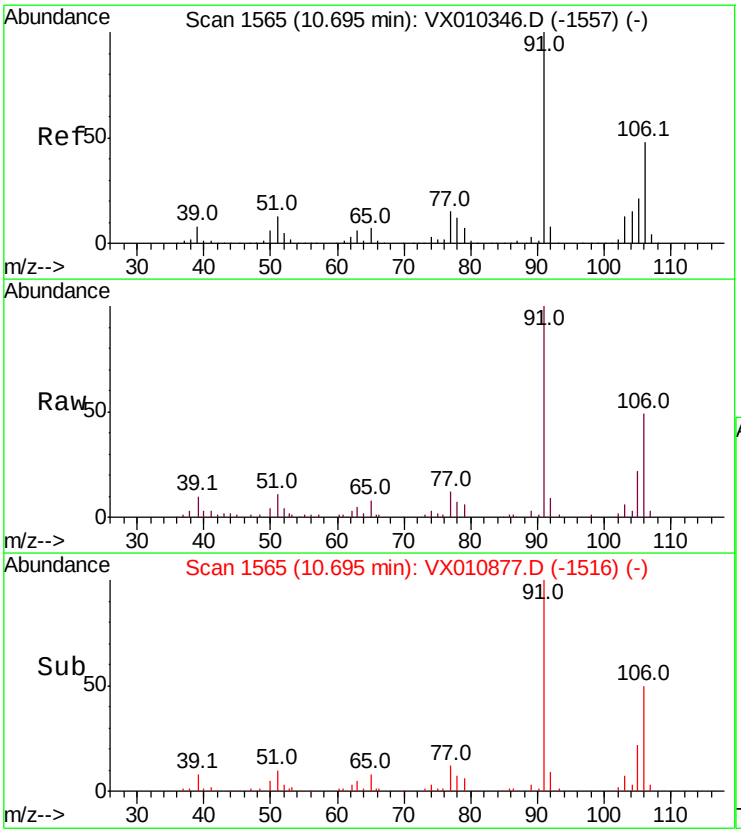
#68
m/p-Xylenes
Concen: 1.788 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX010877.D
Acq: 15 Jul 2019 12:22

Instrument :
MSVOA_X
ClientSampleId :
390711763.1-VOA

Tgt Ion:106 Resp: 7904

Ion	Ratio	Lower	Upper
106	100		
91	193.0	155.3	232.9

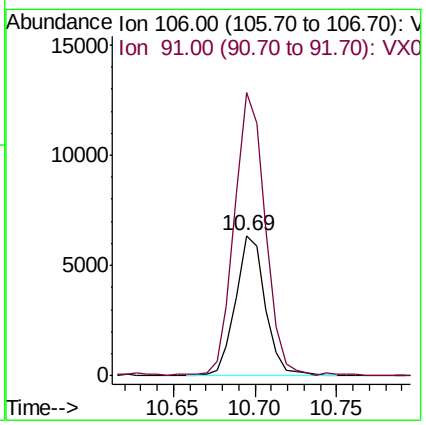


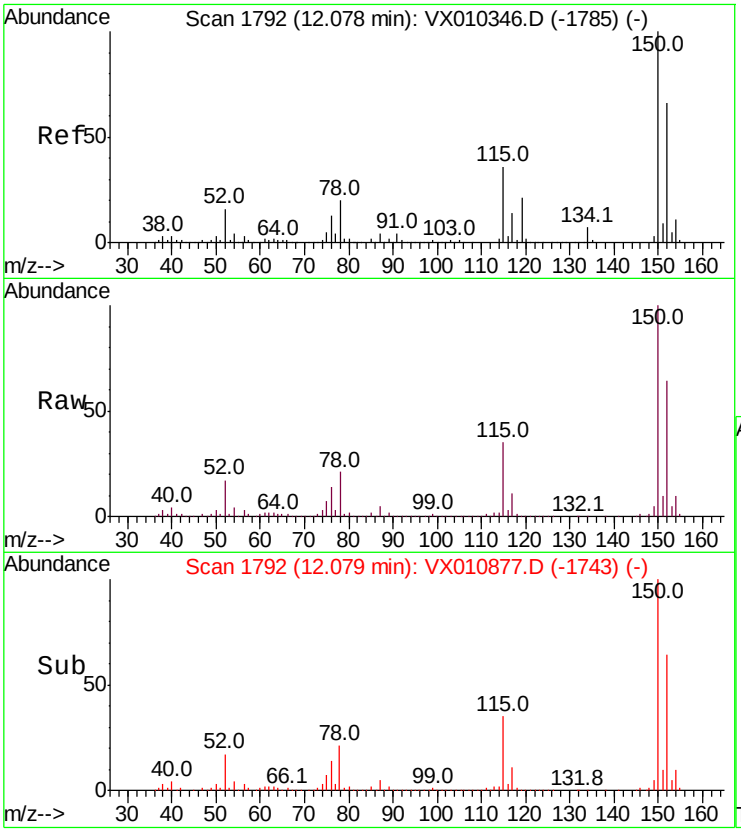


#69
o-Xylene
Concen: 1.865 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010877.D
Acq: 15 Jul 2019 12:22

Tgt Ion:106 Resp: 8108

Ion	Ratio	Lower	Upper
106	100		
91	210.1	102.7	308.1



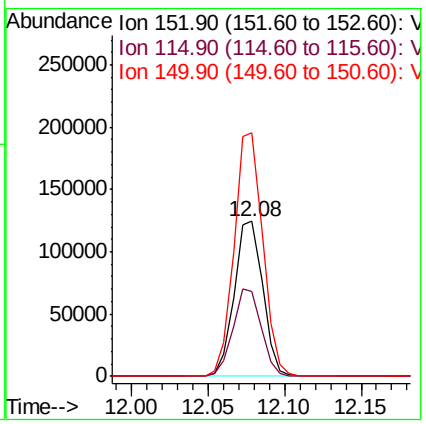


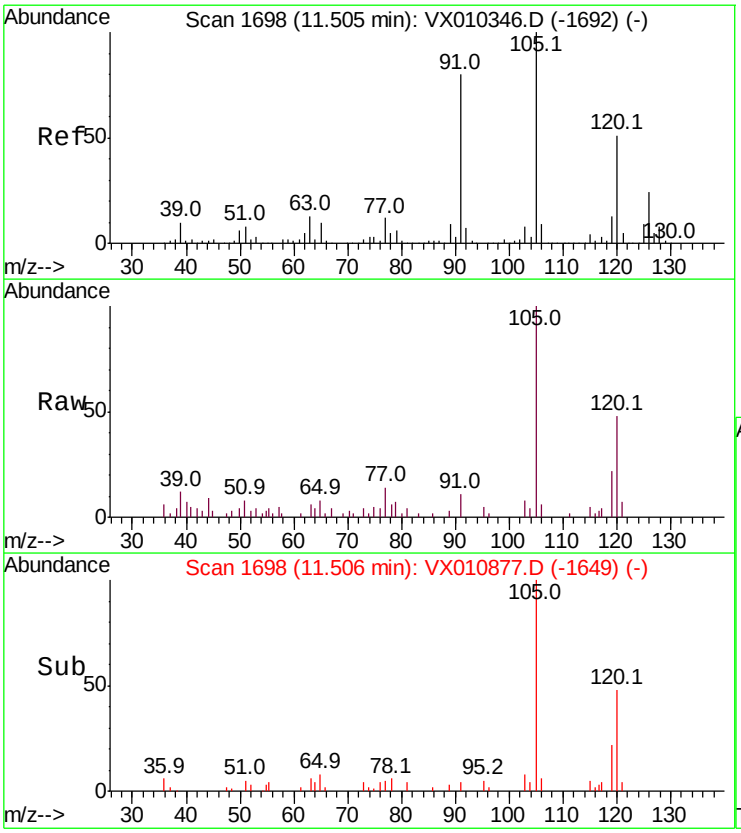
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010877.D
Acq: 15 Jul 2019 12:22

Instrument :
MSVOA_X
ClientSampleId :
390711763.1-VOA

Tgt Ion:152 Resp: 161257

Ion	Ratio	Lower	Upper
152	100		
115	55.5	38.6	115.7
150	157.1	0.0	347.4

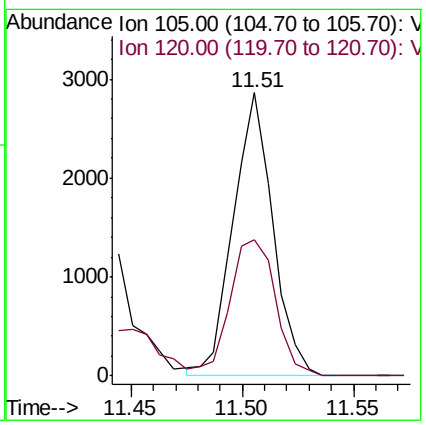


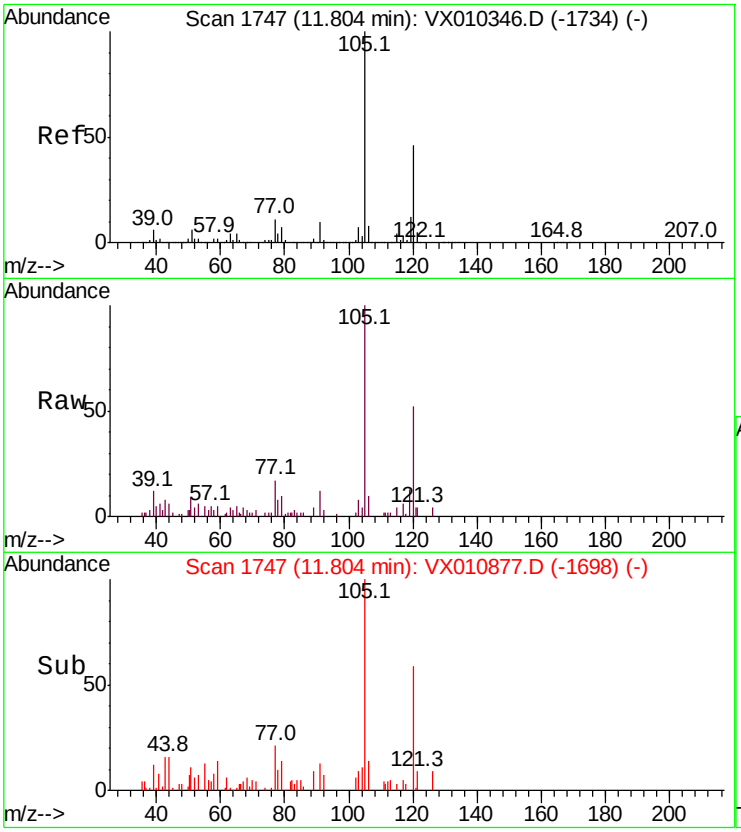


#80
1,3,5-Trimethylbenzene
Concen: 0.394 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX010877.D
Acq: 15 Jul 2019 12:22

Tgt Ion:105 Resp: 3547

Ion	Ratio	Lower	Upper
105	100		
120	55.6	25.2	75.6



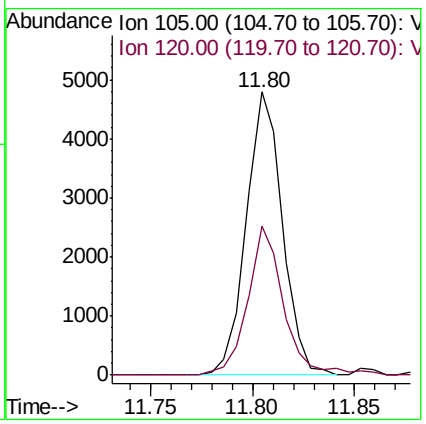


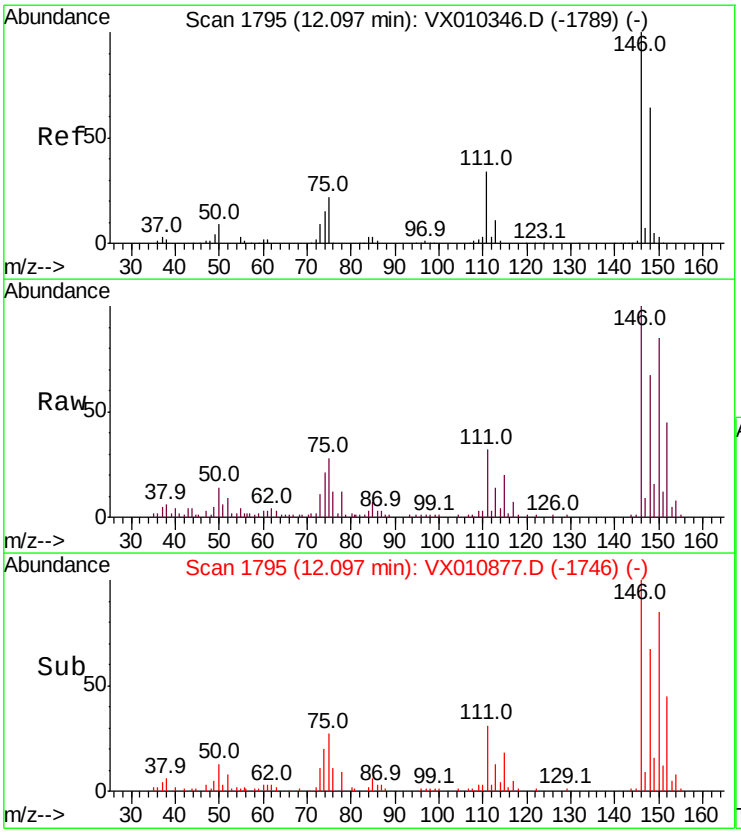
#84
1,2,4-Trimethylbenzene
Concen: 0.653 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX010877.D
Acq: 15 Jul 2019 12:22

Instrument :
MSVOA_X
ClientSampleId :
390711763.1-VOA

Tgt Ion:105 Resp: 5912

Ion	Ratio	Lower	Upper
105	100		
120	52.8	23.1	69.2





#88
1,4-Dichlorobenzene
Concen: 2.431 ug/l
RT: 12.10 min Scan# 1795
Delta R.T. 0.00 min
Lab File: VX010877.D
Acq: 15 Jul 2019 12:22

Tgt Ion:146 Resp: 13185

Ion	Ratio	Lower	Upper
146	100		
111	53.6	18.1	54.3
148	69.8	32.1	96.3