Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091219\
Data File : VX012372.D
Acq On : 13 Sep 2019 02:48
Operator : SY/SP
Sample : K4658-01
Misc : 6.96g/5.0mL/MSVOA_X/SOIL
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : HR-06-090619

Quant Time: Sep 13 04:22:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091019S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 10 12:55:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	159249	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	268998	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	235985	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	103968	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	105326	46.78	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.56%			
35) Dibromofluoromethane	5.48	113	78340	45.43	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.86%			
50) Toluene-d8	8.71	98	320380	52.97	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.94%			
62) 4-Bromofluorobenzene	11.14	95	119848	42.74	ug/l	0.00
Spiked Amount 50.000			Recovery = 85.48%			
Target Compounds						Qvalue
16) Acetone	2.43	43	5890	11.051	ug/l	95
52) Toluene	8.78	92	6222	1.587	ug/l	97
67) Ethyl Benzene	10.25	91	8210	1.071	ug/l	92
68) m/p-Xylenes	10.35	106	3729	1.321	ug/l	95
69) o-Xylene	10.70	106	10707	3.872	ug/l	100
78) n-propylbenzene	11.35	91	21335	2.581	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	45624	7.412	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	40173	6.314	ug/l	99
85) sec-Butylbenzene	11.94	105	12594	1.766	ug/l	97
86) p-Isopropyltoluene	12.06	119	11066	1.679	ug/l	95
89) n-Butylbenzene	12.38	91	46874	7.258	ug/l #	44
95) Naphthalene	13.83	128	10803	2.455	ug/l #	86

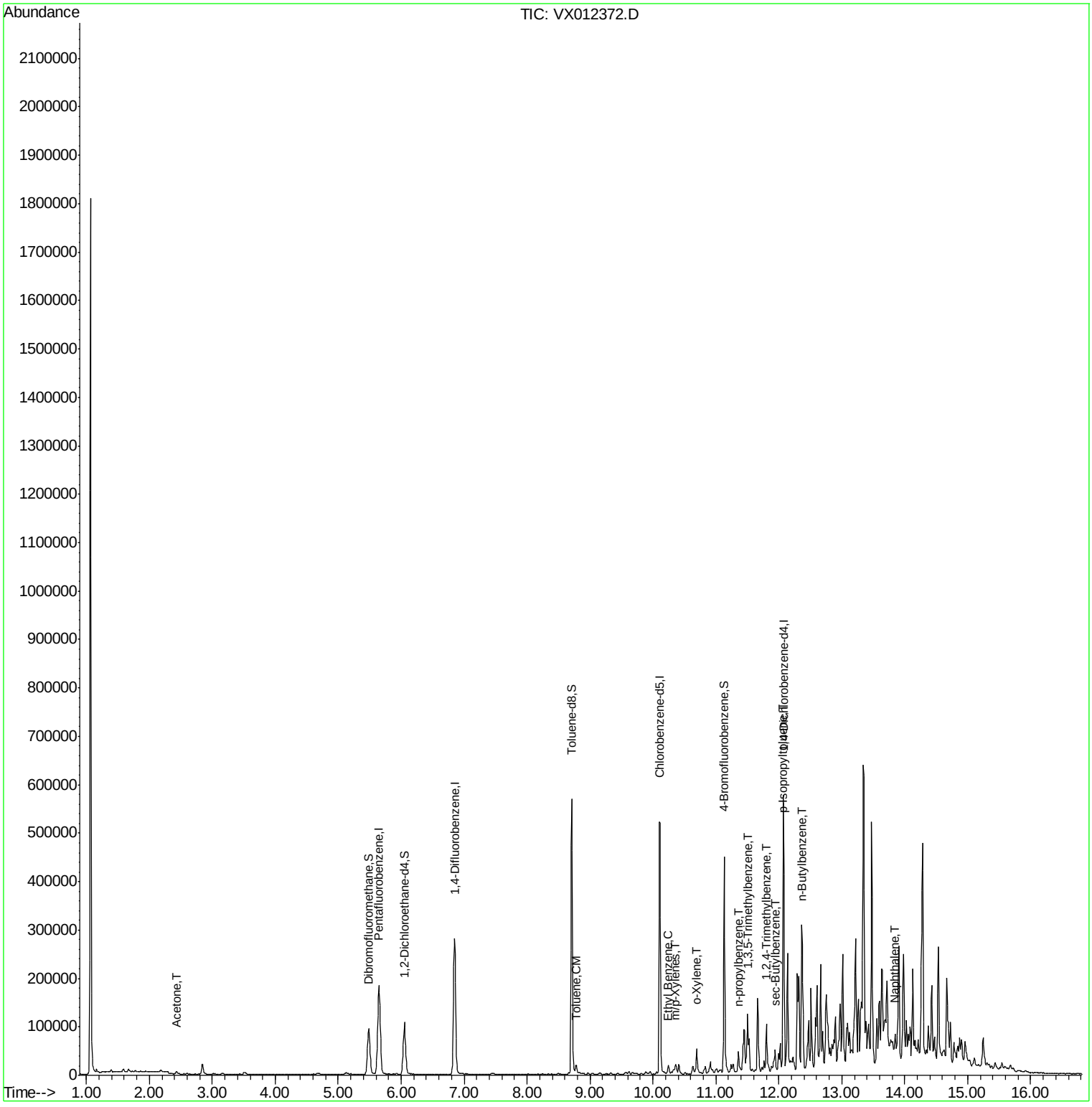
(#) = qualifier out of range (m) = manual integration (+) = signals summed

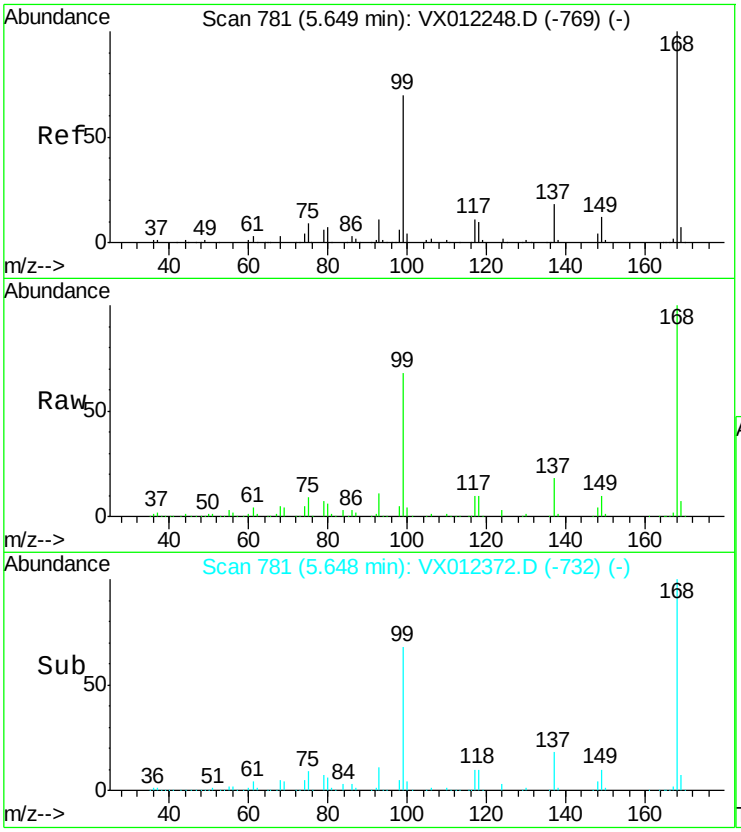
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091219\
Data File : VX012372.D
Acq On : 13 Sep 2019 02:48
Operator : SY/SP
Sample : K4658-01
Misc : 6.96g/5.0mL/MSVOA X/SOIL
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
HR-06-090619

Quant Time: Sep 13 04:22:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091019S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 10 12:55:26 2019
Response via : Initial Calibration



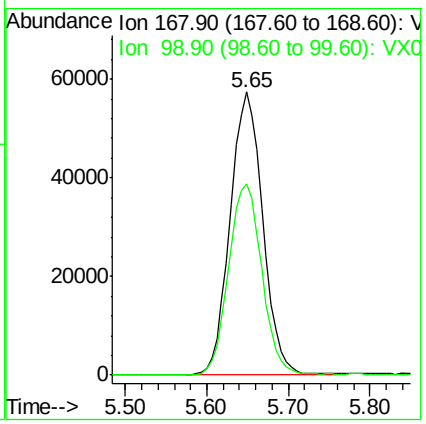


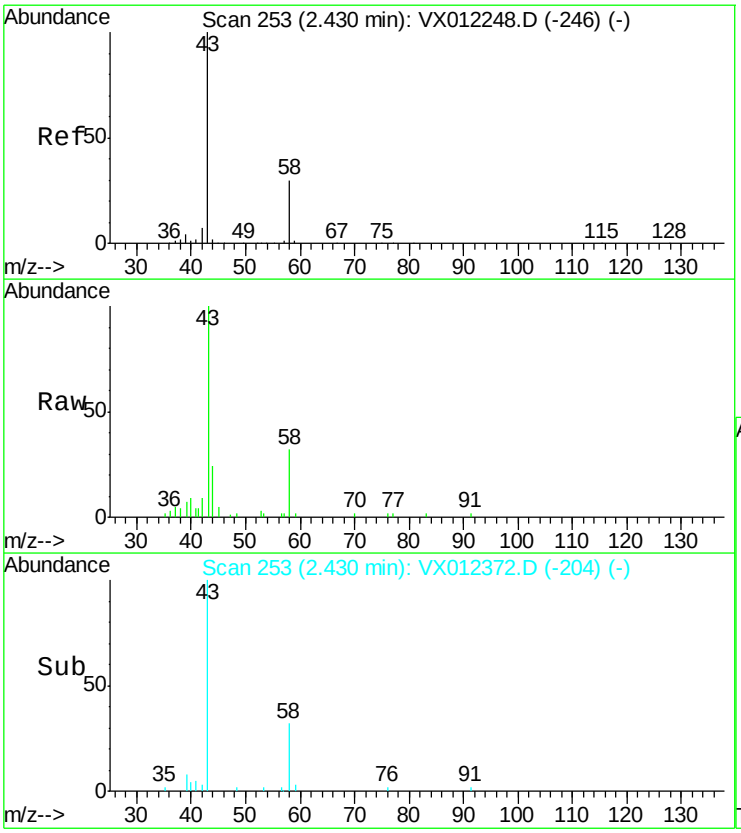
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.00 min
Lab File: VX012372.D
Acq: 13 Sep 2019 02:48

Instrument :
MSVOA_X
ClientSampleId :
HR-06-090619

Tgt Ion:168 Resp: 159249

Ion	Ratio	Lower	Upper
168	100		
99	67.6	55.8	83.6

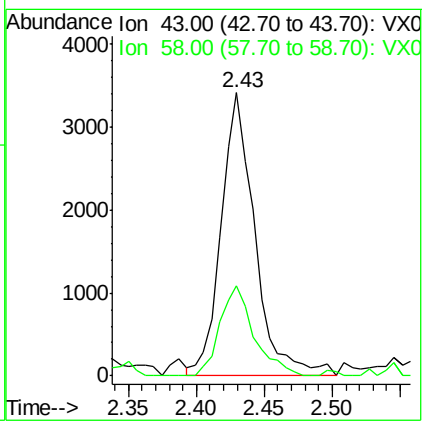


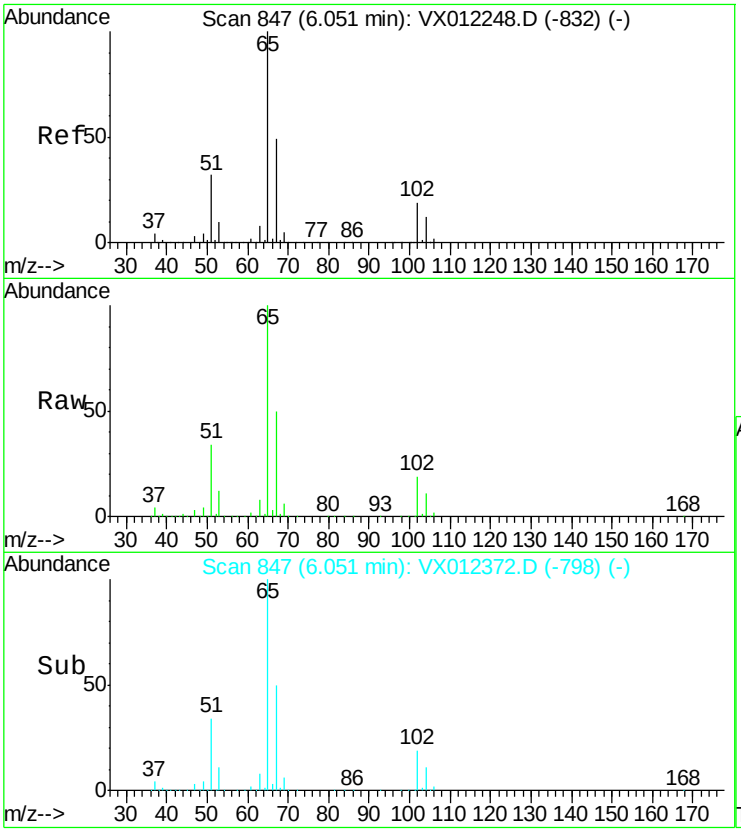


#16
Acetone
Concen: 11.051 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.00 min
Lab File: VX012372.D
Acq: 13 Sep 2019 02:48

Tgt Ion: 43 Resp: 5890

Ion	Ratio	Lower	Upper
43	100		
58	32.0	23.6	35.4



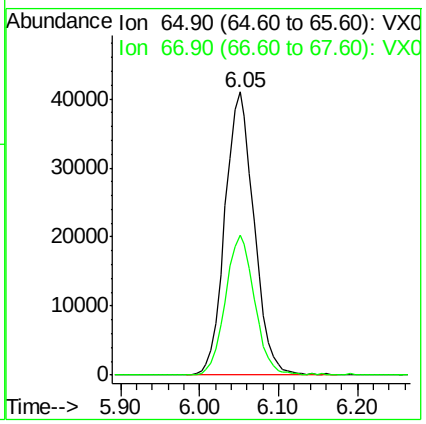


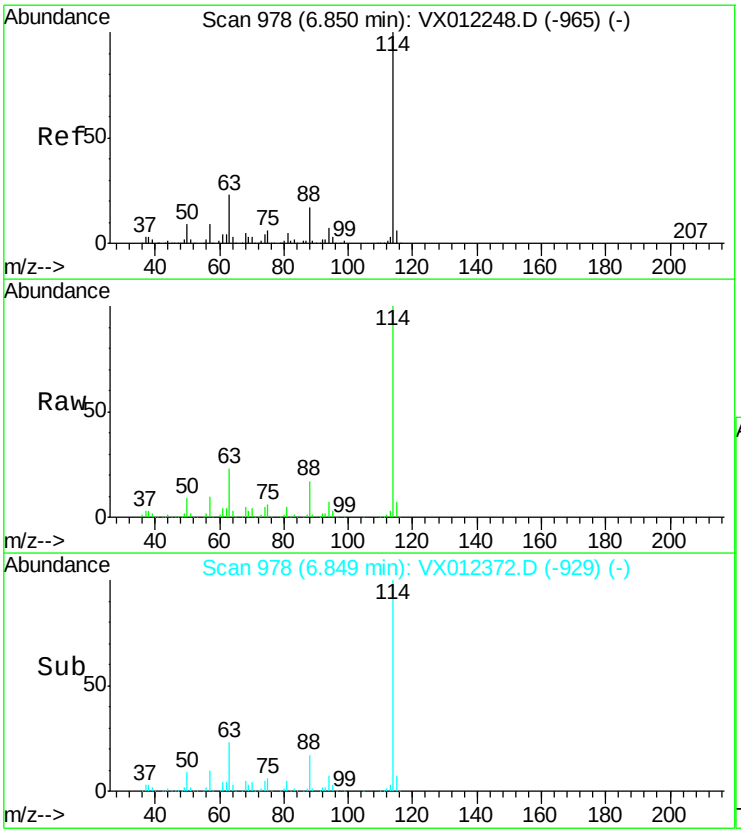
#33
1,2-Dichloroethane-d4
Concen: 46.781 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX012372.D
Acq: 13 Sep 2019 02:48

Instrument :
MSVOA_X
ClientSampleId :
HR-06-090619

Tgt Ion: 65 Resp: 105326

Ion	Ratio	Lower	Upper
65	100		
67	49.5	0.0	99.8

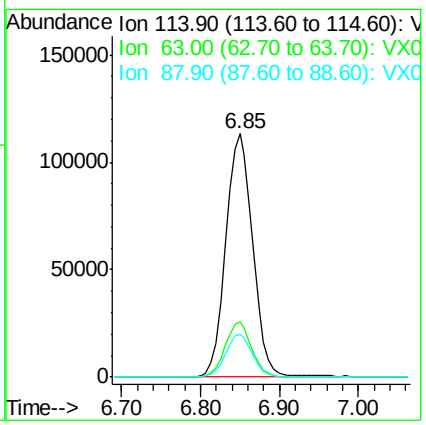


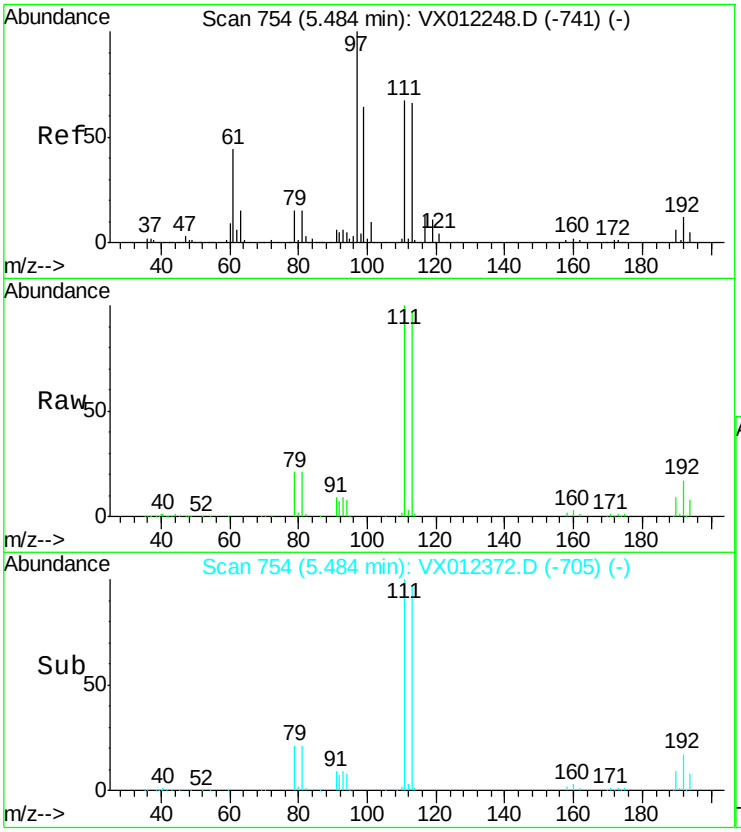


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX012372.D
Acq: 13 Sep 2019 02:48

Tgt Ion:114 Resp: 268998

Ion	Ratio	Lower	Upper
114	100		
63	23.0	0.0	45.2
88	17.4	0.0	34.8



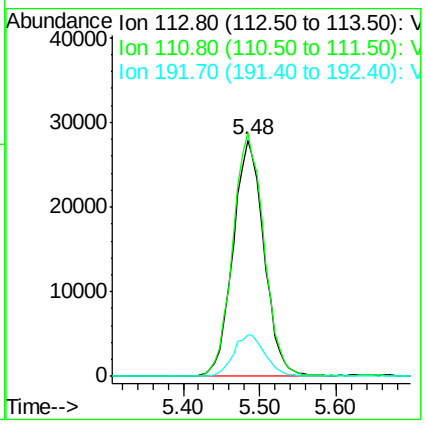


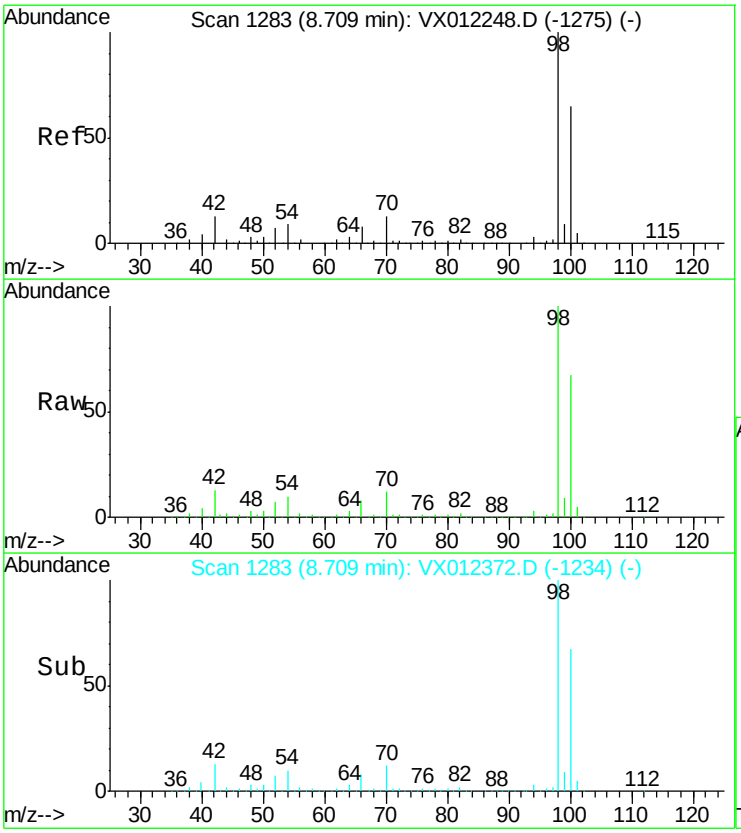
#35
Dibromofluoromethane
Concen: 45.430 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX012372.D
Acq: 13 Sep 2019 02:48

Instrument :
MSVOA_X
ClientSampleId :
HR-06-090619

Tgt Ion:113 Resp: 78340

Ion	Ratio	Lower	Upper
113	100		
111	103.7	83.0	124.6
192	18.0	14.3	21.5

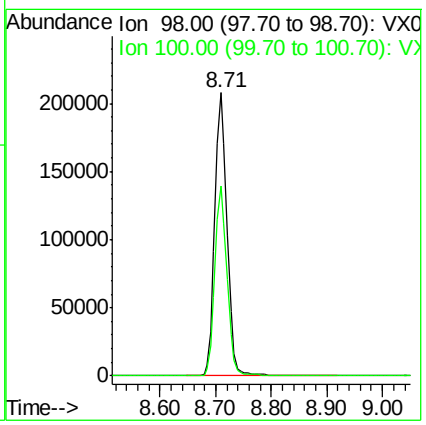


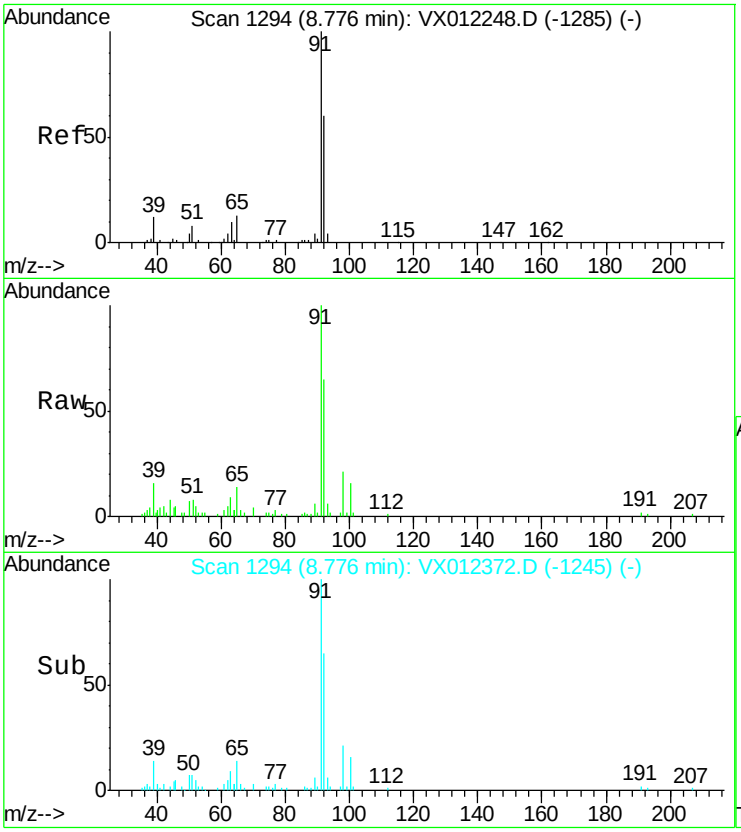


#50
Toluene-d8
Concen: 52.972 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012372.D
Acq: 13 Sep 2019 02:48

Tgt Ion: 98 Resp: 320380

Ion	Ratio	Lower	Upper
98	100		
100	66.5	54.1	81.1



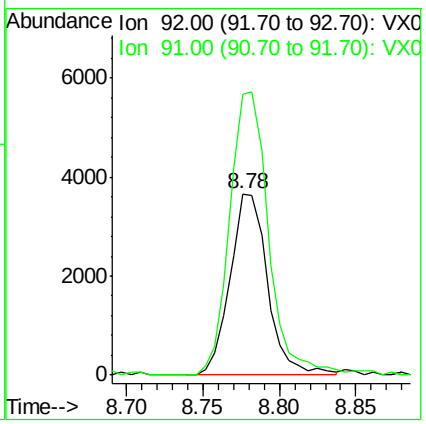


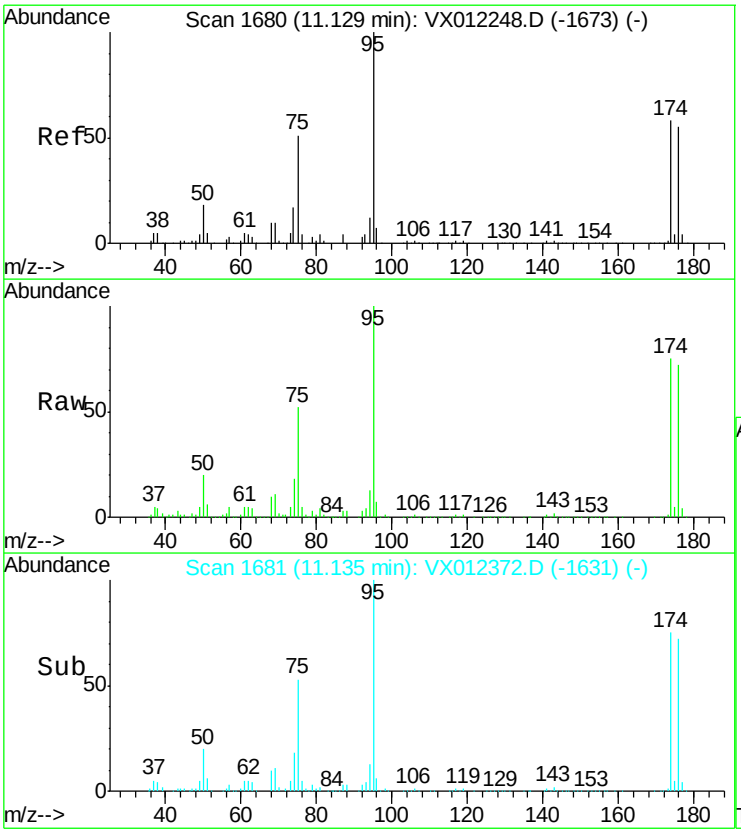
#52
Toluene
Concen: 1.587 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX012372.D
Acq: 13 Sep 2019 02:48

Instrument :
MSVOA_X
ClientSampleId :
HR-06-090619

Tgt Ion: 92 Resp: 6222

Ion	Ratio	Lower	Upper
92	100		
91	163.3	133.6	200.4

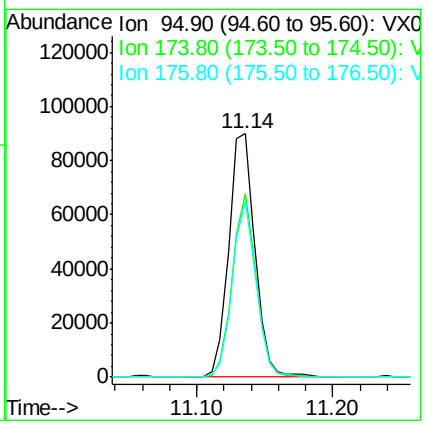


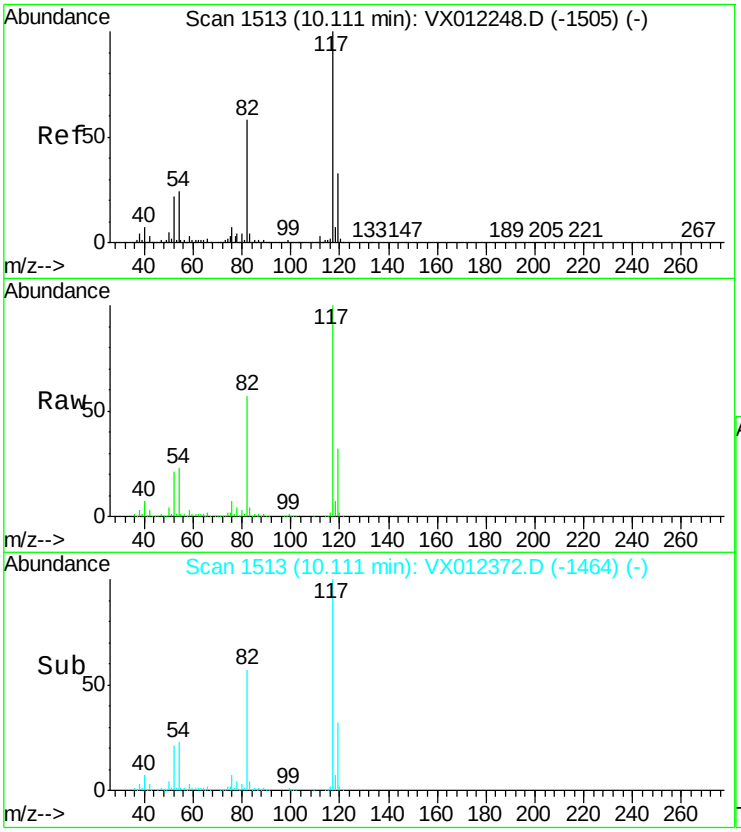


#62
4-Bromofluorobenzene
Concen: 42.743 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX012372.D
Acq: 13 Sep 2019 02:48

Tgt Ion: 95 Resp: 119848

Ion	Ratio	Lower	Upper
95	100		
174	69.1	0.0	127.0
176	66.0	0.0	125.8



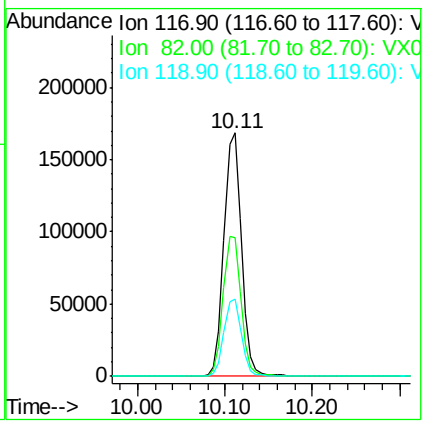


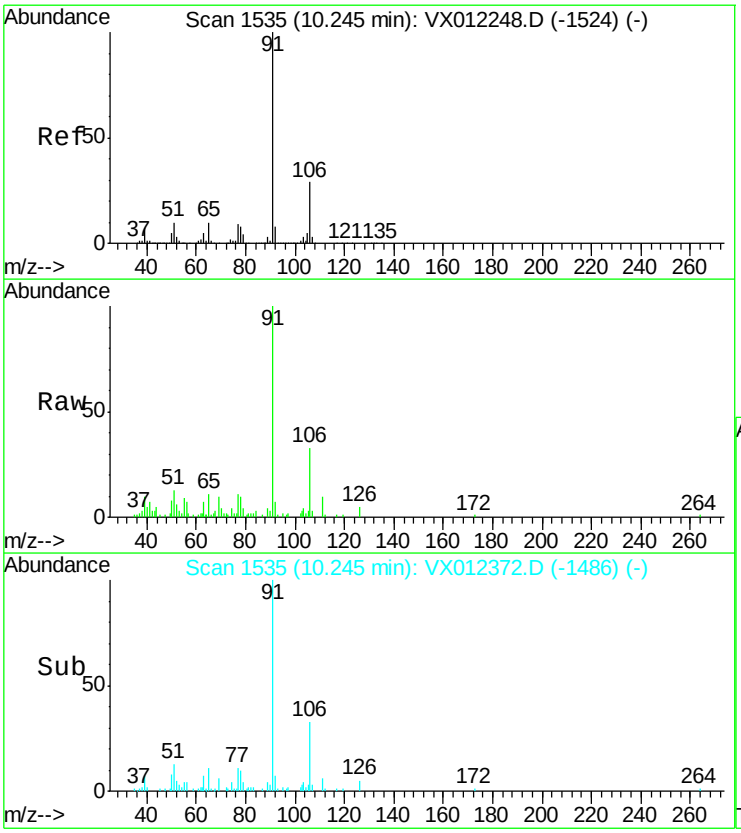
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012372.D
Acq: 13 Sep 2019 02:48

Instrument : MSVOA_X
ClientSampleId : HR-06-090619

Tgt Ion:117 Resp: 235985

Ion	Ratio	Lower	Upper
117	100		
82	56.7	46.4	69.6
119	31.5	26.6	39.8

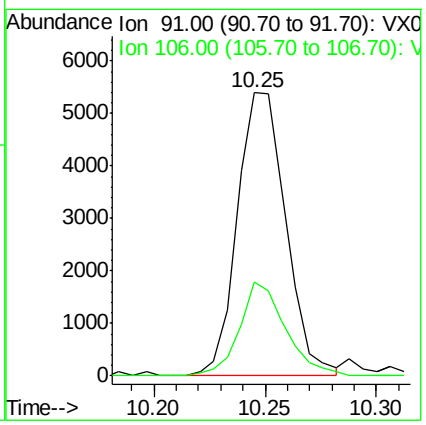


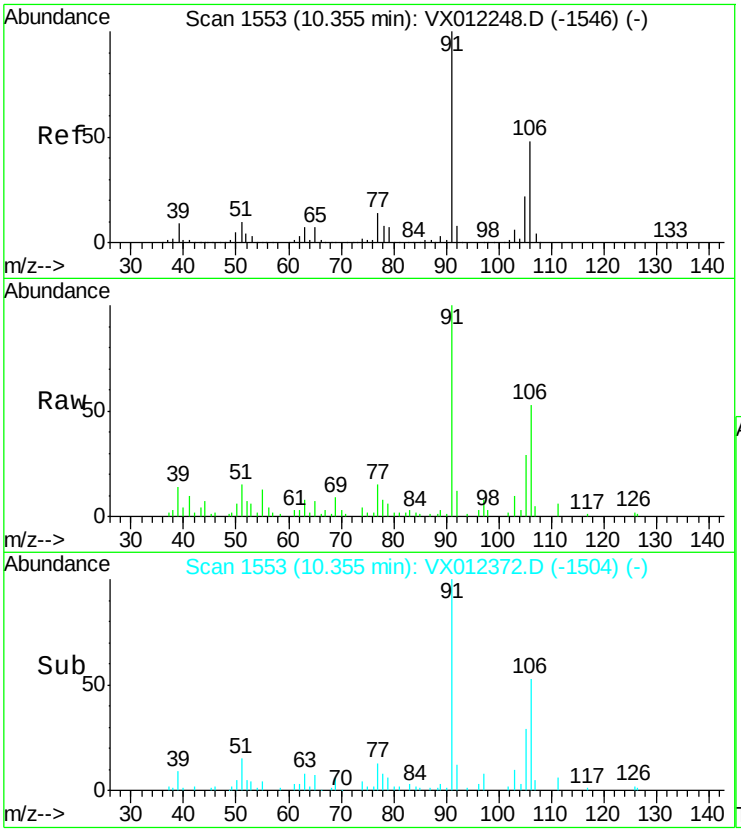


#67
Ethyl Benzene
Concen: 1.071 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX012372.D
Acq: 13 Sep 2019 02:48

Tgt Ion: 91 Resp: 8210

Ion	Ratio	Lower	Upper
91	100		
106	33.3	23.1	34.7



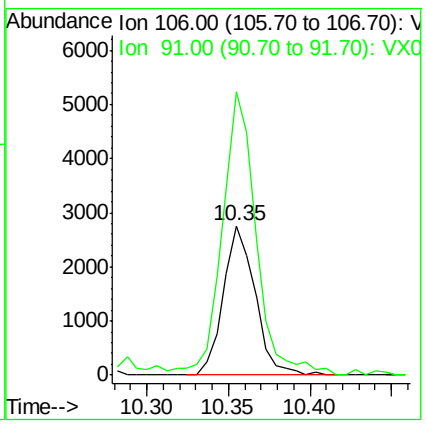


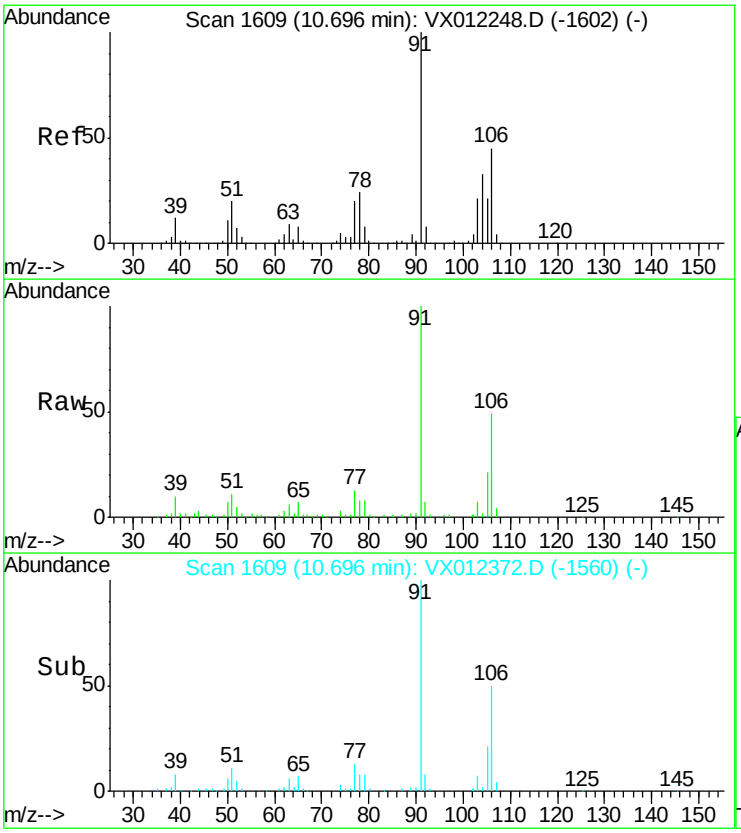
#68
m/p-Xylenes
Concen: 1.321 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012372.D
Acq: 13 Sep 2019 02:48

Instrument :
MSVOA_X
ClientSampleId :
HR-06-090619

Tgt Ion:106 Resp: 3729

Ion	Ratio	Lower	Upper
106	100		
91	200.5	167.0	250.6

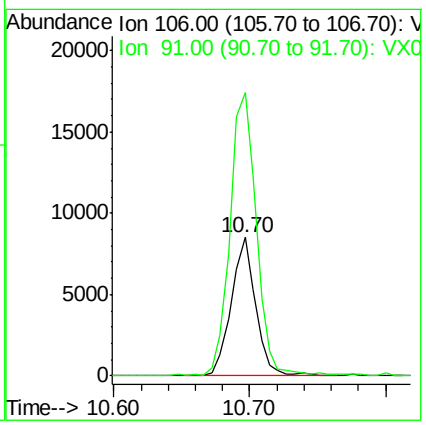


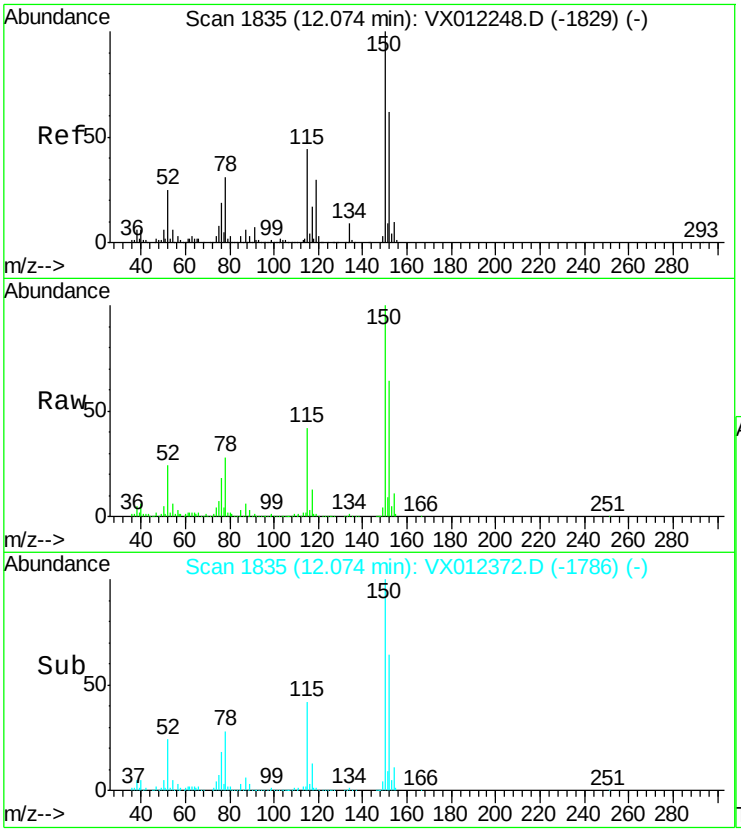


#69
o-Xylene
Concen: 3.872 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012372.D
Acq: 13 Sep 2019 02:48

Tgt Ion:106 Resp: 10707

Ion	Ratio	Lower	Upper
106	100		
91	221.1	110.5	331.4



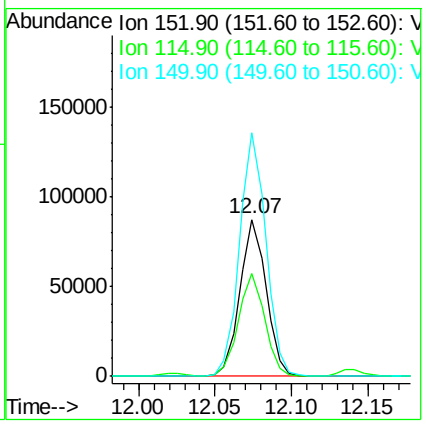


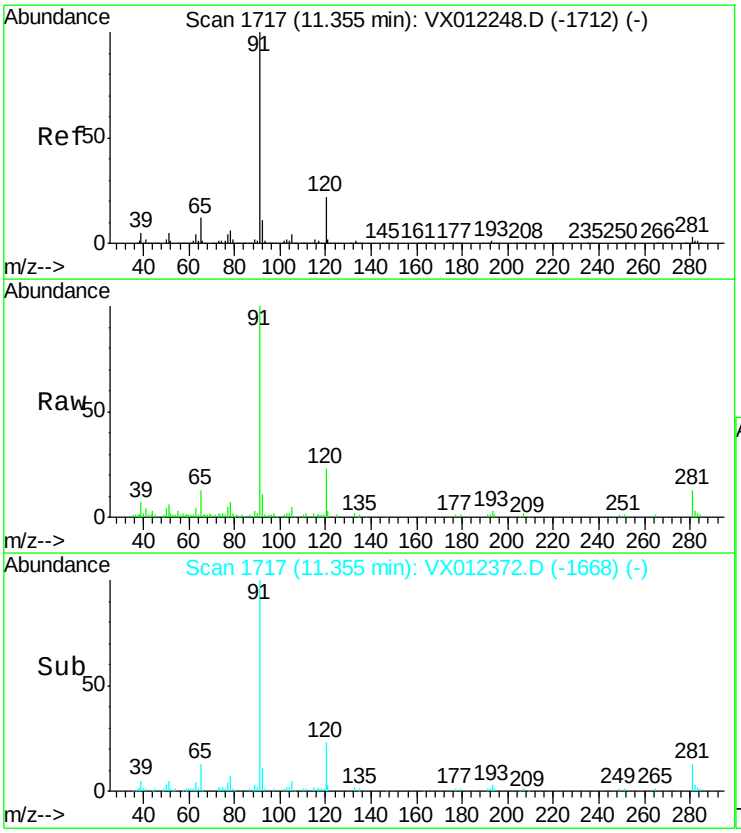
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012372.D
Acq: 13 Sep 2019 02:48

Instrument : MSVOA_X
ClientSampleId : HR-06-090619

Tgt Ion:152 Resp: 103968

Ion	Ratio	Lower	Upper
152	100		
115	65.7	45.5	136.4
150	156.0	0.0	346.4

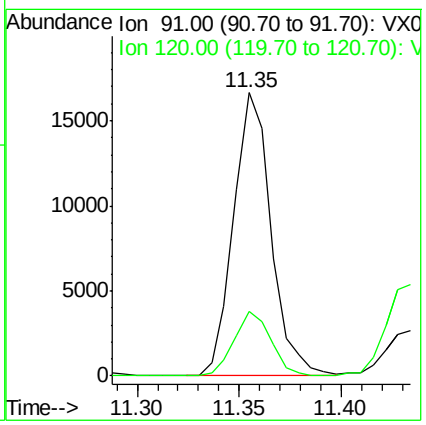


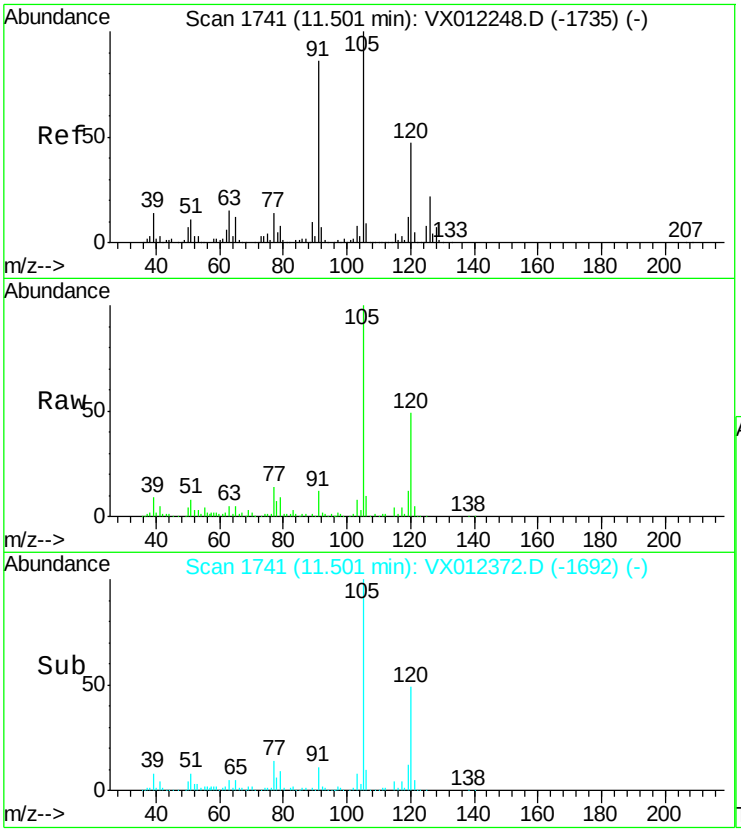


#78
n-propylbenzene
Concen: 2.581 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. -0.00 min
Lab File: VX012372.D
Acq: 13 Sep 2019 02:48

Tgt Ion: 91 Resp: 21335

Ion	Ratio	Lower	Upper
91	100		
120	22.4	11.2	33.6



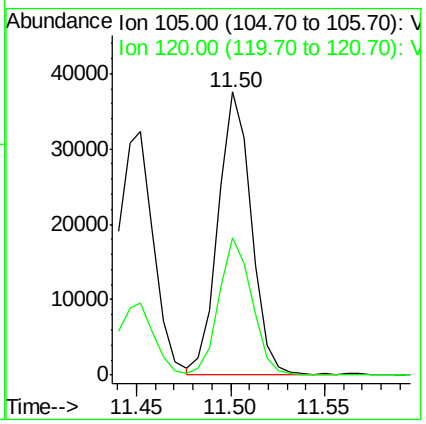


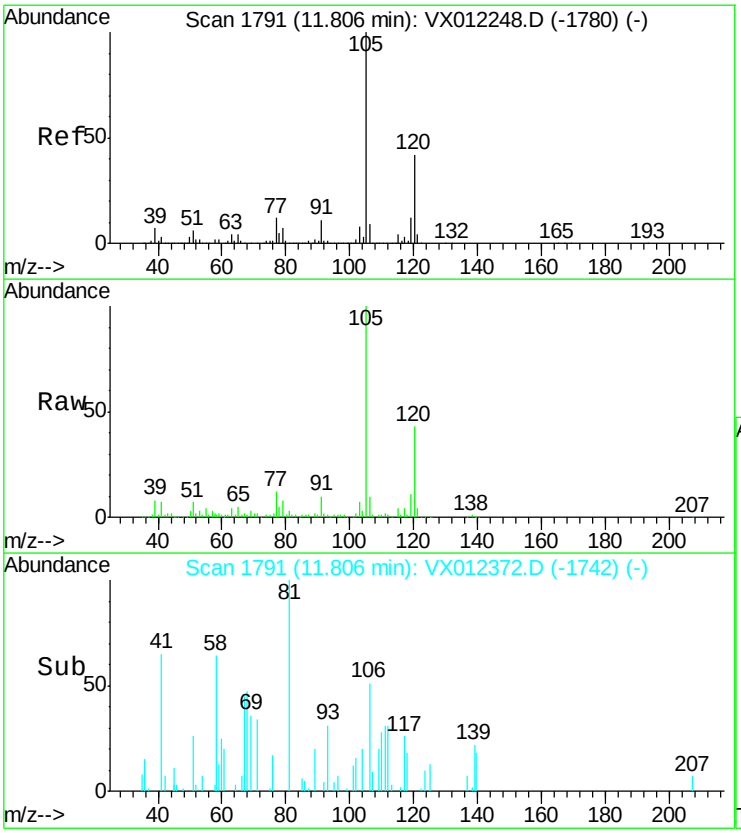
#80
1,3,5-Trimethylbenzene
Concen: 7.412 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX012372.D
Acq: 13 Sep 2019 02:48

Instrument :
MSVOA_X
ClientSampleId :
HR-06-090619

Tgt Ion:105 Resp: 45624

Ion	Ratio	Lower	Upper
105	100		
120	48.7	23.7	71.1

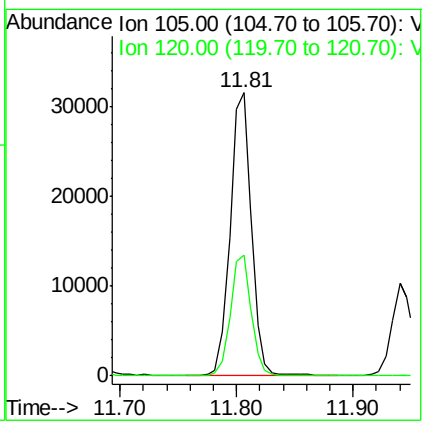


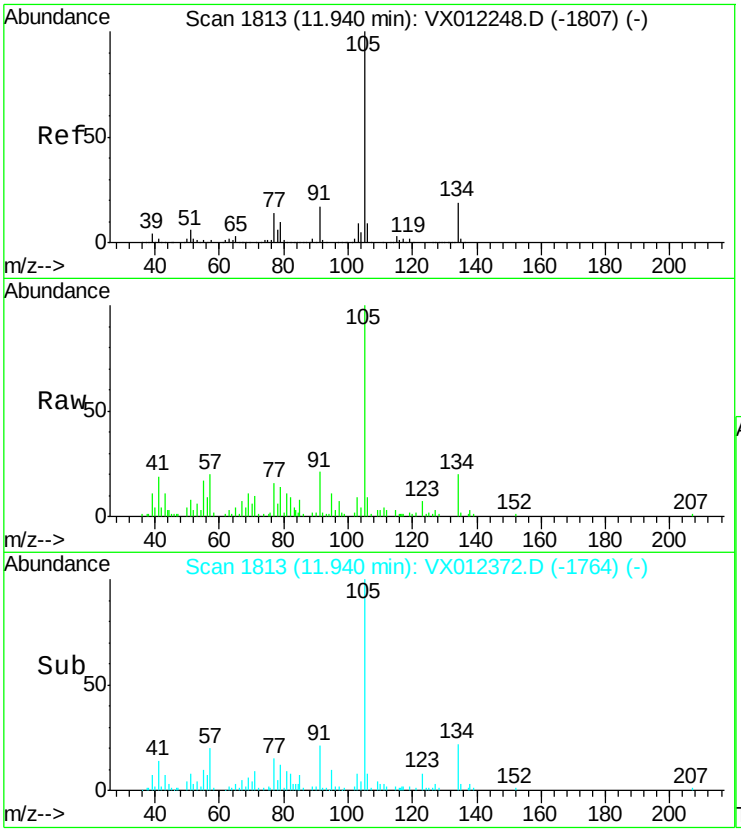


#84
1,2,4-Trimethylbenzene
Concen: 6.314 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. -0.00 min
Lab File: VX012372.D
Acq: 13 Sep 2019 02:48

Tgt Ion:105 Resp: 40173

Ion	Ratio	Lower	Upper
105	100		
120	42.1	21.3	63.9



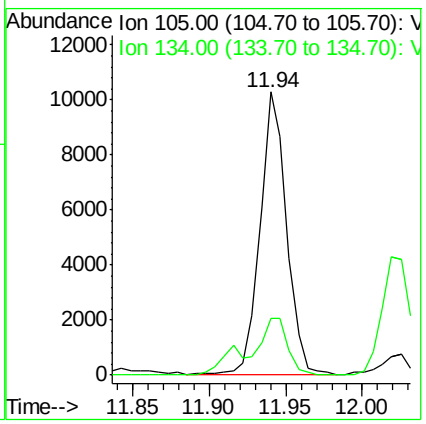


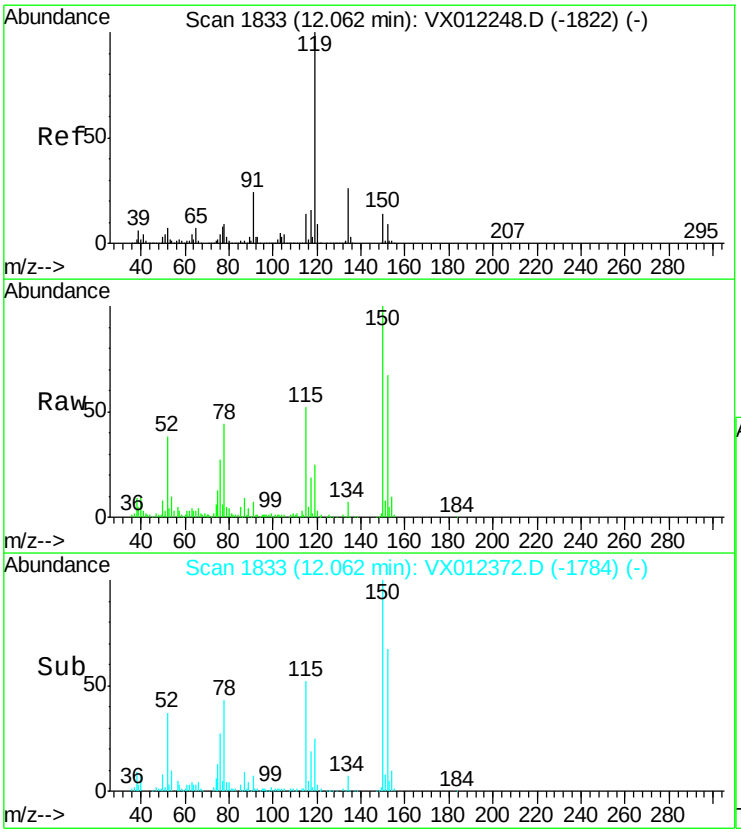
#85
sec-Butylbenzene
Concen: 1.766 ug/l
RT: 11.94 min Scan# 1813
Delta R.T. -0.00 min
Lab File: VX012372.D
Acq: 13 Sep 2019 02:48

Instrument :
MSVOA_X
ClientSampleId :
HR-06-090619

Tgt Ion:105 Resp: 12594

Ion	Ratio	Lower	Upper
105	100		
134	21.0	9.9	29.7

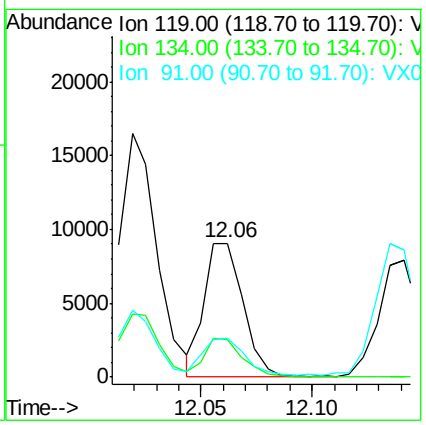


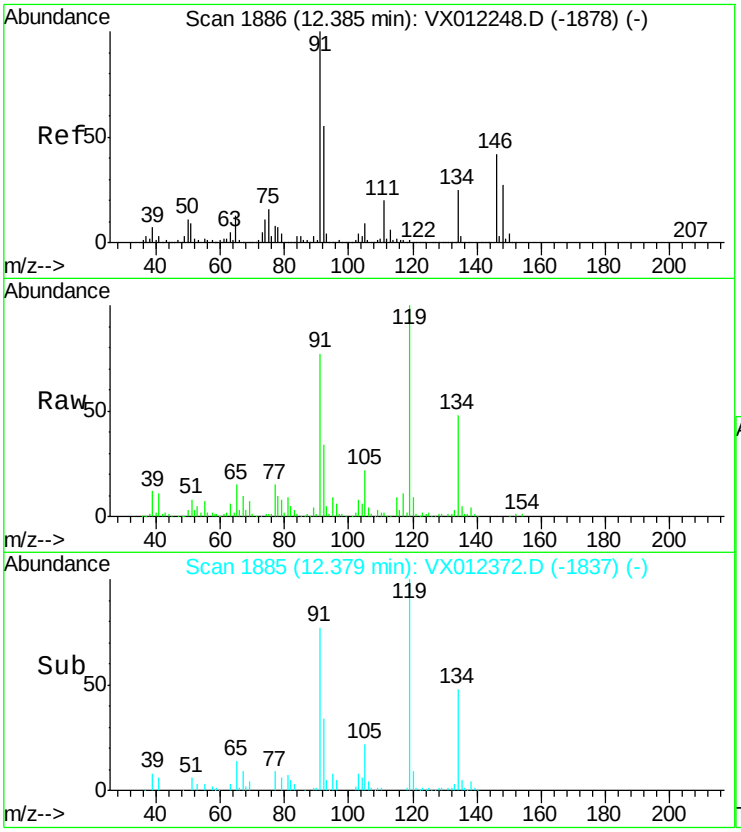


#86
p-Isopropyltoluene
Concen: 1.679 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VX012372.D
Acq: 13 Sep 2019 02:48

Tgt Ion:119 Resp: 11066

Ion	Ratio	Lower	Upper
119	100		
134	28.1	12.9	38.7
91	29.0	13.1	39.1



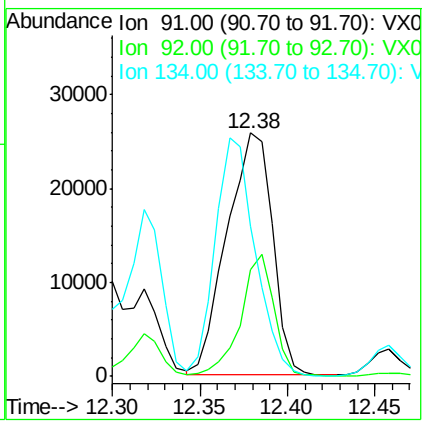


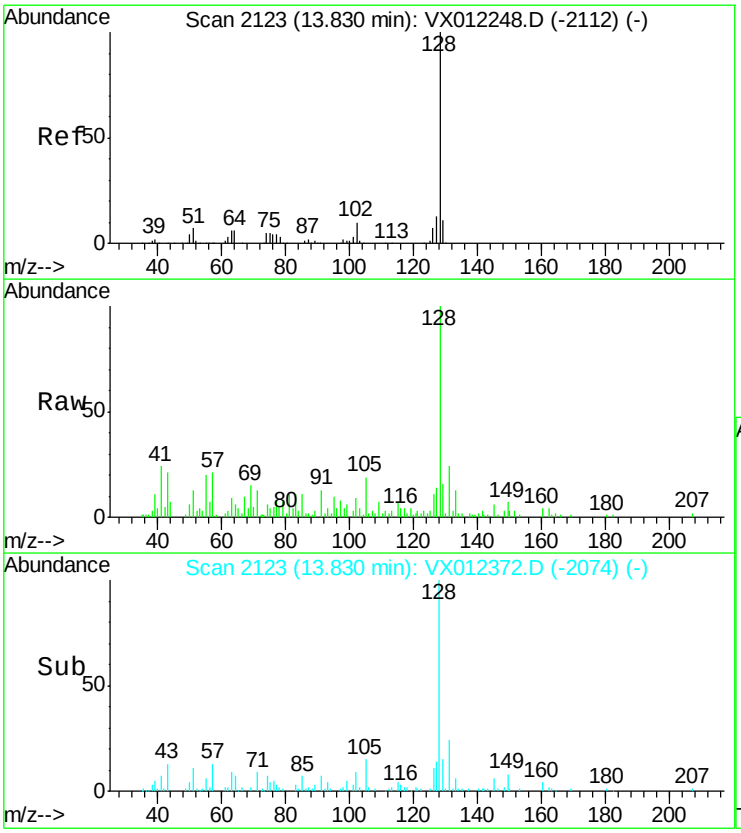
#89
n-Butylbenzene
Concen: 7.258 ug/l
RT: 12.38 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX012372.D
Acq: 13 Sep 2019 02:48

Instrument :
MSVOA_X
ClientSampleId :
HR-06-090619

Tgt Ion: 91 Resp: 46874

Ion	Ratio	Lower	Upper
91	100		
92	36.7	27.6	82.7
134	86.3	12.5	37.5#





#95
Naphthalene
Concen: 2.455 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX012372.D
Acq: 13 Sep 2019 02:48

Tgt Ion:128 Resp: 10803

Ion	Ratio	Lower	Upper
128	100		
127	15.6	10.2	15.2#
129	19.3	8.9	13.3#