Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100419\
Data File : VX012814.D
Acq On : 04 Oct 2019 16:11
Operator : JC/SP
Sample : K5176-02MEDL 4X
Misc : 5.02g/10mL/100uL/10mL/MSVOA_X/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 30440-30377

Quant Time: Oct 07 09:35:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.65	168	165546	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.85	114	280720	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	246791	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	104446	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.05	65	110517	45.84	ug/l		0.00
Spiked Amount 50.000			Recovery = 91.68%				
35) Dibromofluoromethane	5.48	113	85063	50.88	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.76%				
50) Toluene-d8	8.71	98	338404	52.56	ug/l		0.00
Spiked Amount 50.000			Recovery = 105.12%				
62) 4-Bromofluorobenzene	11.14	95	123081	48.62	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.24%				
Target Compounds							Qvalue
11) Tert butyl alcohol	3.09	59	26631m	44.223	ug/l		
16) Acetone	2.45	43	56197	44.011	ug/l		93
39) Methylcyclohexane	7.46	83	2068	0.635	ug/l		94
48) Methyl methacrylate	7.77	41	6797	2.680	ug/l		91
51) 4-Methyl-2-Pentanone	8.64	43	13023	3.988	ug/l		96
52) Toluene	8.78	92	252787	50.519	ug/l		99
67) Ethyl Benzene	10.25	91	12651	1.342	ug/l		99
68) m/p-Xylenes	10.36	106	16300	4.616	ug/l		98
69) o-Xylene	10.70	106	6846	2.004	ug/l		99
73) Isopropylbenzene	11.02	105	4504	0.529	ug/l		97
78) n-propylbenzene	11.35	91	17481	1.825	ug/l		98
80) 1,3,5-Trimethylbenzene	11.50	105	20966	2.939	ug/l		99
84) 1,2,4-Trimethylbenzene	11.80	105	71588	9.948	ug/l		99
85) sec-Butylbenzene	11.94	105	9235	1.154	ug/l		91
89) n-Butylbenzene	12.38	91	18081	2.841	ug/l	#	55
95) Naphthalene	13.83	128	28844	3.769	ug/l	#	96

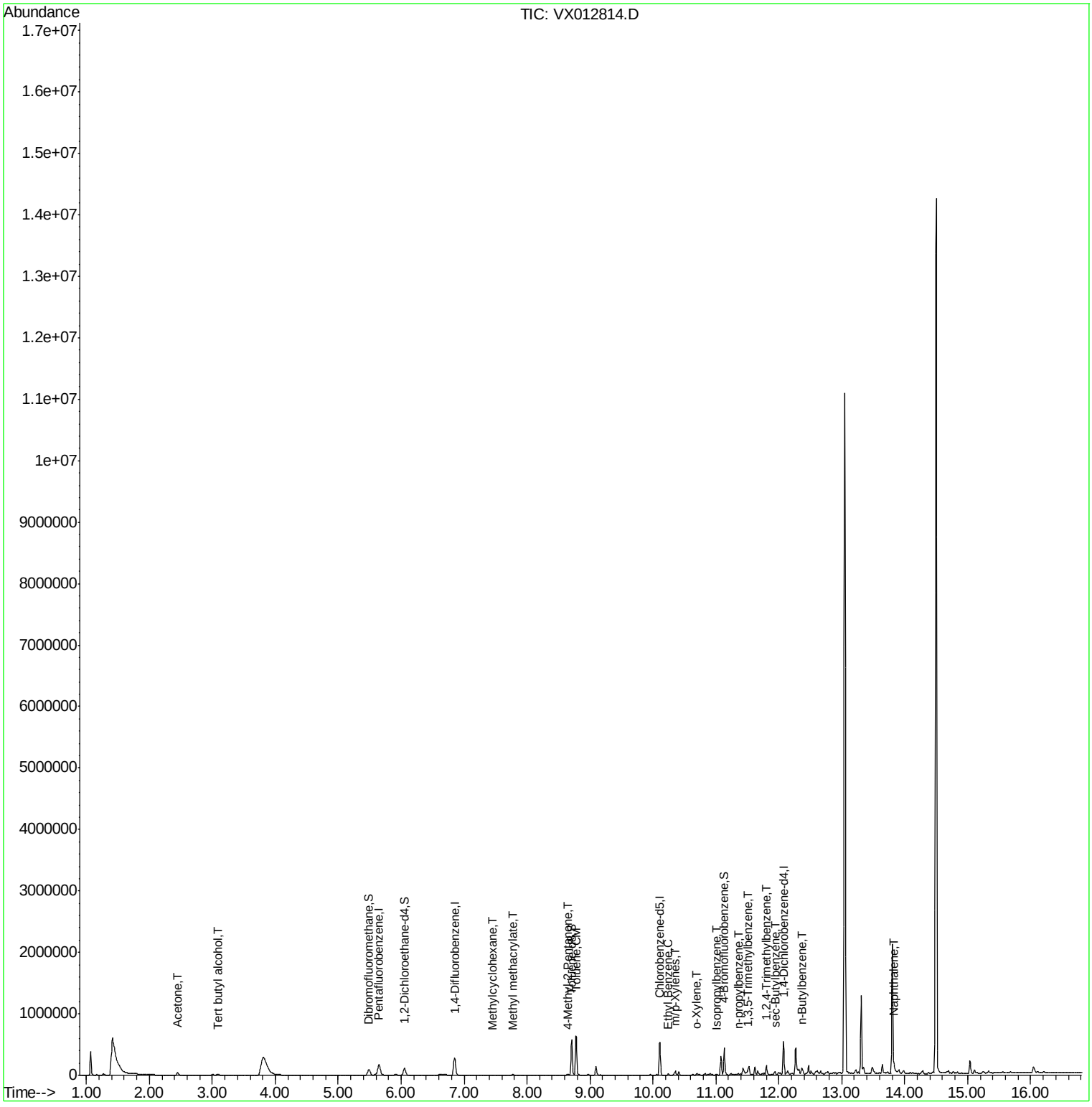
(#) = qualifier out of range (m) = manual integration (+) = signals summed

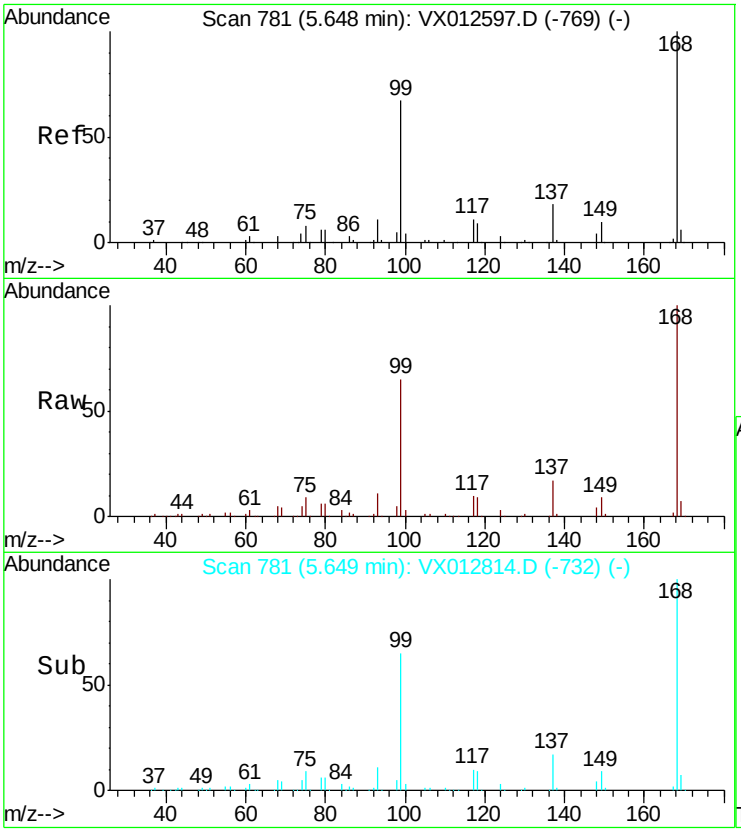
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100419\
Data File : VX012814.D
Acq On : 04 Oct 2019 16:11
Operator : JC/SP
Sample : K5176-02MEDL 4X
Misc : 5.02g/10mL/100uL/10mL/MSVOA_X/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
30440-30377

Quant Time: Oct 07 09:35:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration



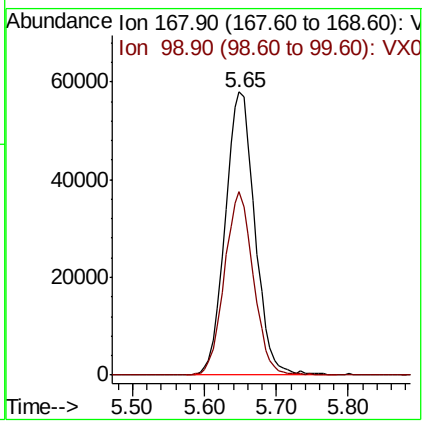


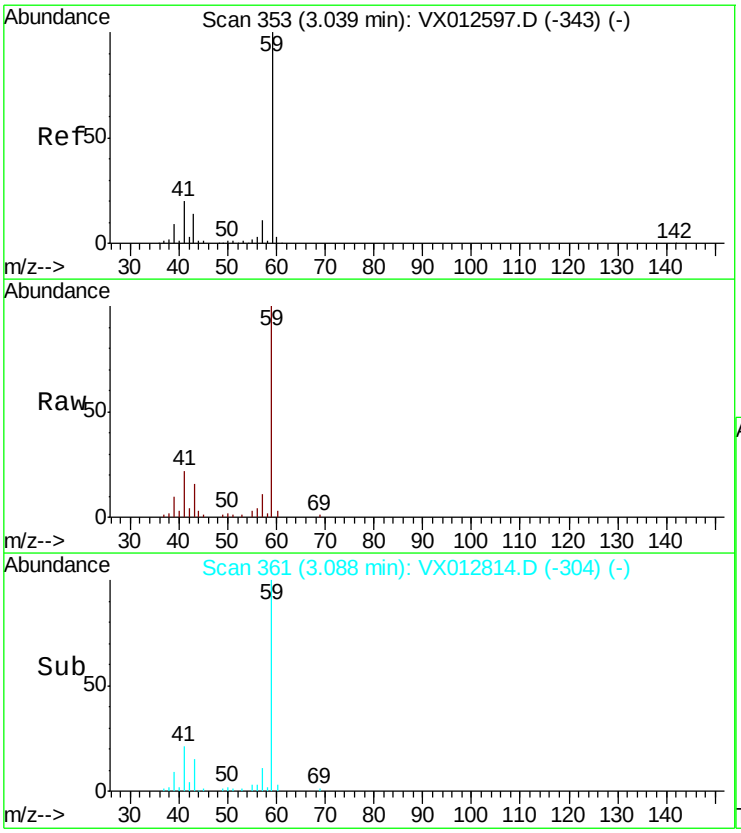
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.00 min
Lab File: VX012814.D
Acq: 04 Oct 2019 16:11

Instrument :
MSVOA_X
ClientSampleId :
30440-30377

Tgt Ion:168 Resp: 165546

Ion	Ratio	Lower	Upper
168	100		
99	64.9	51.4	77.2

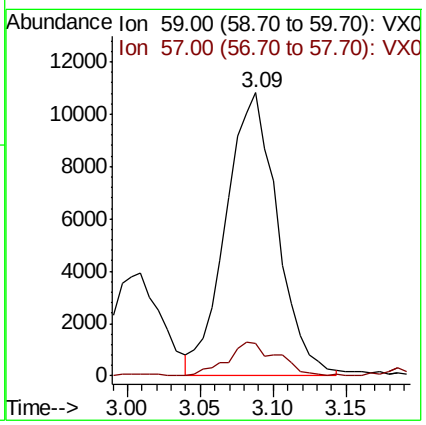


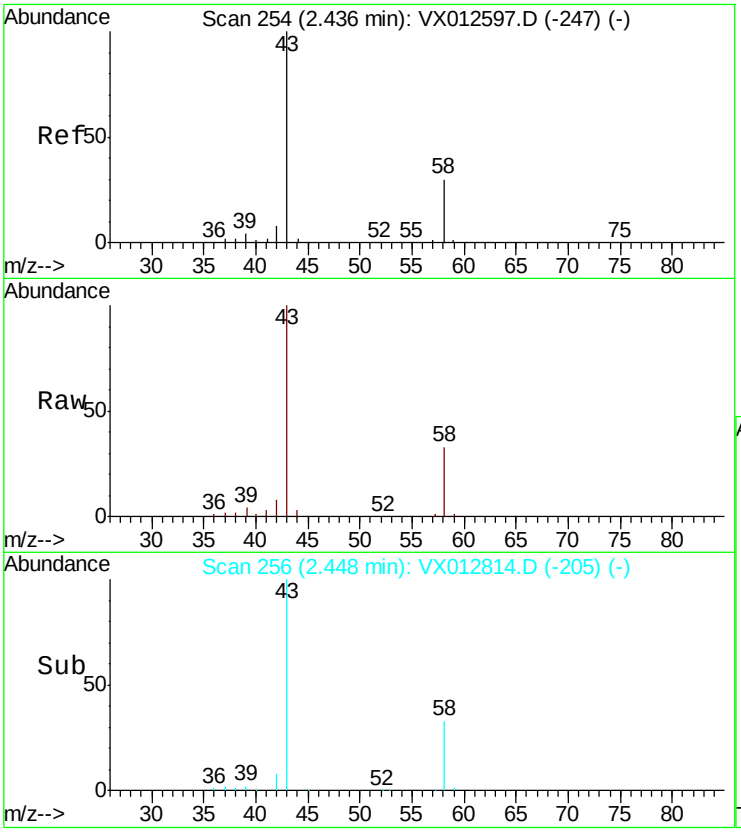


#11
Tert butyl alcohol
Concen: 44.223 ug/l m
RT: 3.09 min Scan# 361
Delta R.T. 0.05 min
Lab File: VX012814.D
Acq: 04 Oct 2019 16:11

Tgt Ion: 59 Resp: 26631

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.3	12.5#



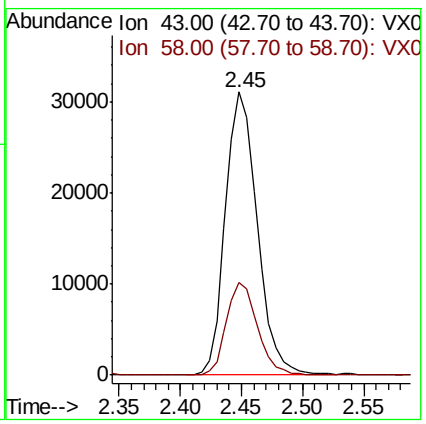


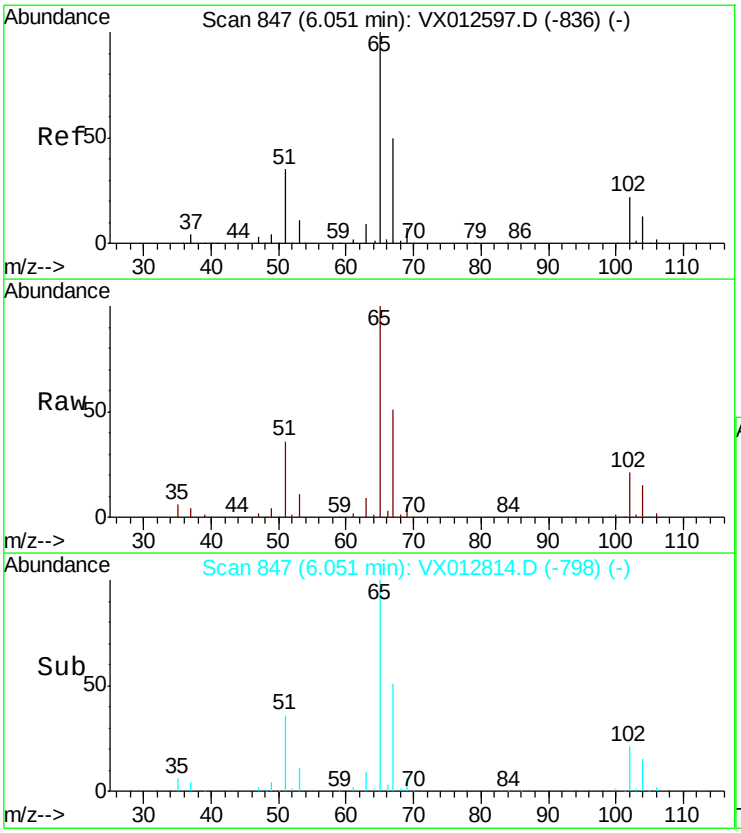
#16
Acetone
Concen: 44.011 ug/l
RT: 2.45 min Scan# 256
Delta R.T. 0.01 min
Lab File: VX012814.D
Acq: 04 Oct 2019 16:11

Instrument :
MSVOA_X
ClientSampleId :
30440-30377

Tgt Ion: 43 Resp: 56197

Ion	Ratio	Lower	Upper
43	100		
58	32.9	23.3	34.9

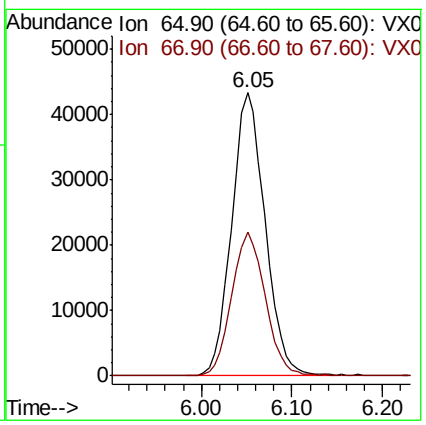


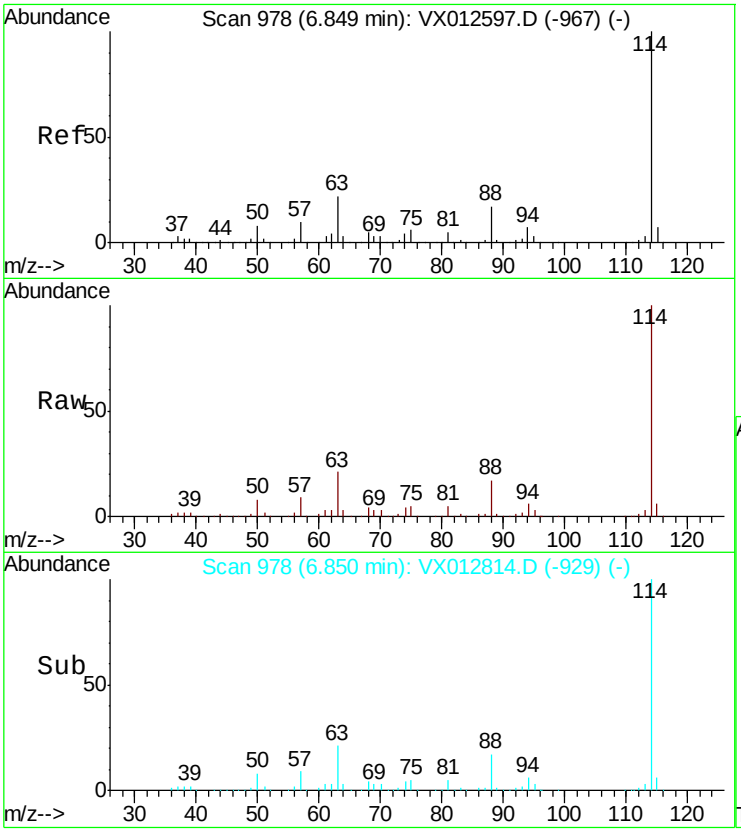


#33
1,2-Dichloroethane-d4
Concen: 45.845 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX012814.D
Acq: 04 Oct 2019 16:11

Tgt Ion: 65 Resp: 110517

Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	101.2



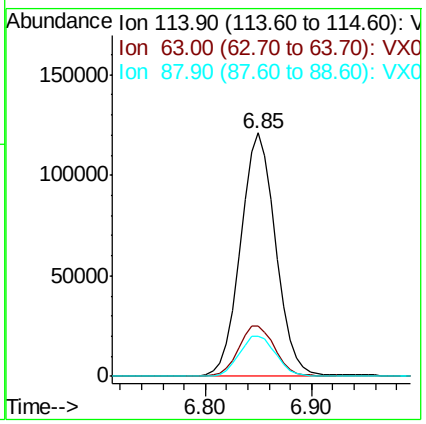


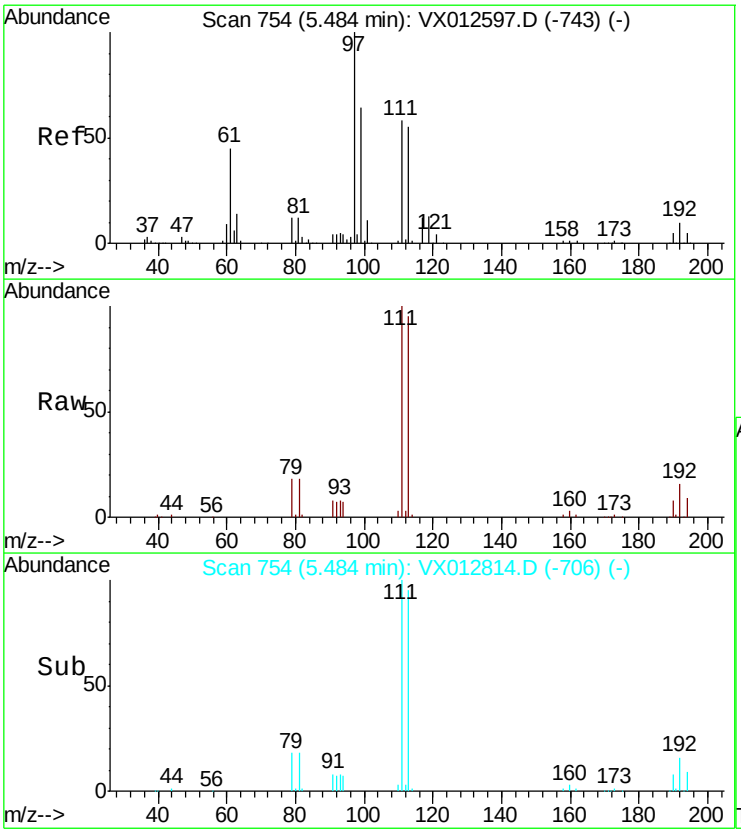
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX012814.D
Acq: 04 Oct 2019 16:11

Instrument :
MSVOA_X
ClientSampleId :
30440-30377

Tgt Ion:114 Resp: 280720

Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	43.2
88	16.7	0.0	33.2

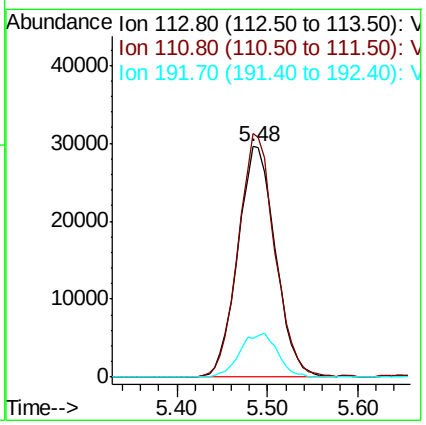


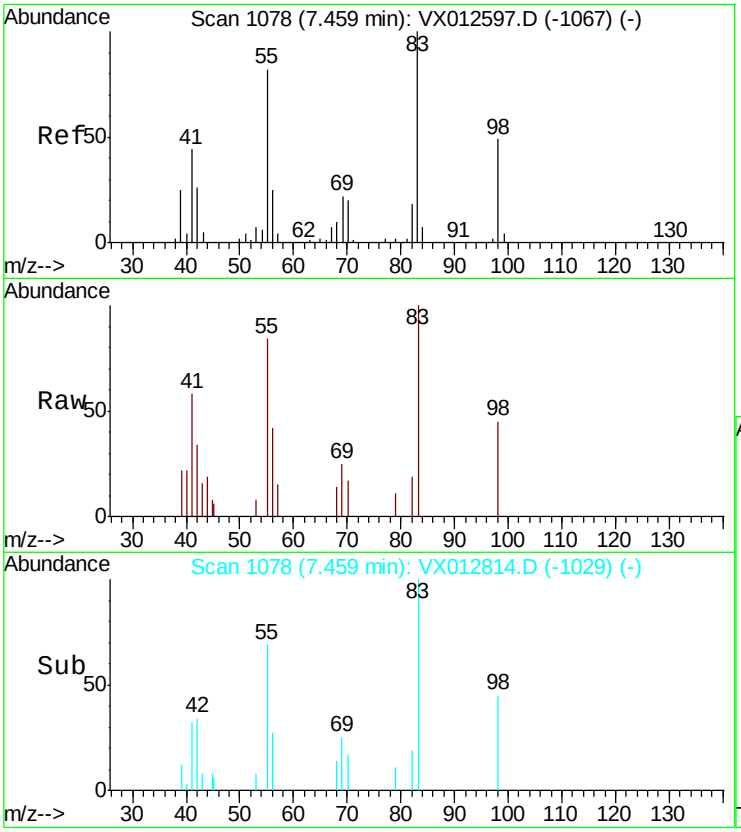


#35
Dibromofluoromethane
Concen: 50.881 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX012814.D
Acq: 04 Oct 2019 16:11

Tgt Ion:113 Resp: 85063

Ion	Ratio	Lower	Upper
113	100		
111	102.5	83.4	125.2
192	19.2	14.4	21.6



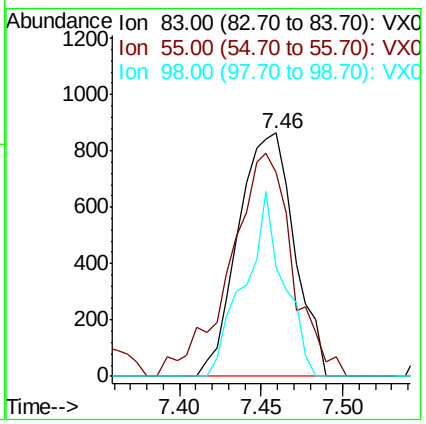


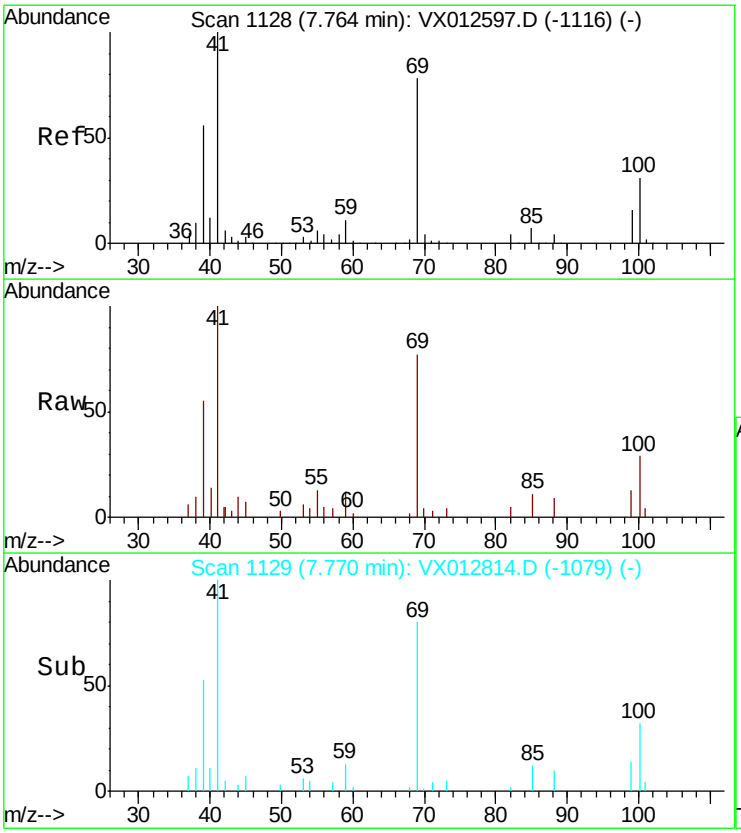
#39
Methylcyclohexane
Concen: 0.635 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX012814.D
Acq: 04 Oct 2019 16:11

Instrument :
MSVOA_X
ClientSampleId :
30440-30377

Tgt Ion: 83 Resp: 2068

Ion	Ratio	Lower	Upper
83	100		
55	75.8	64.4	96.6
98	44.8	40.1	60.1

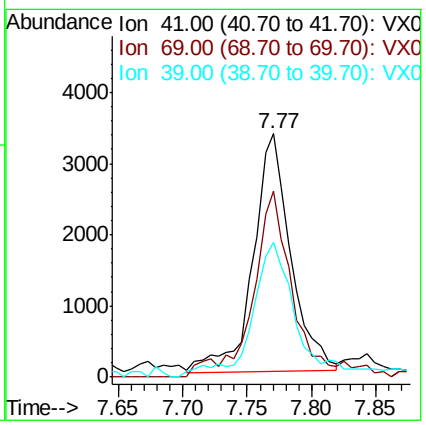


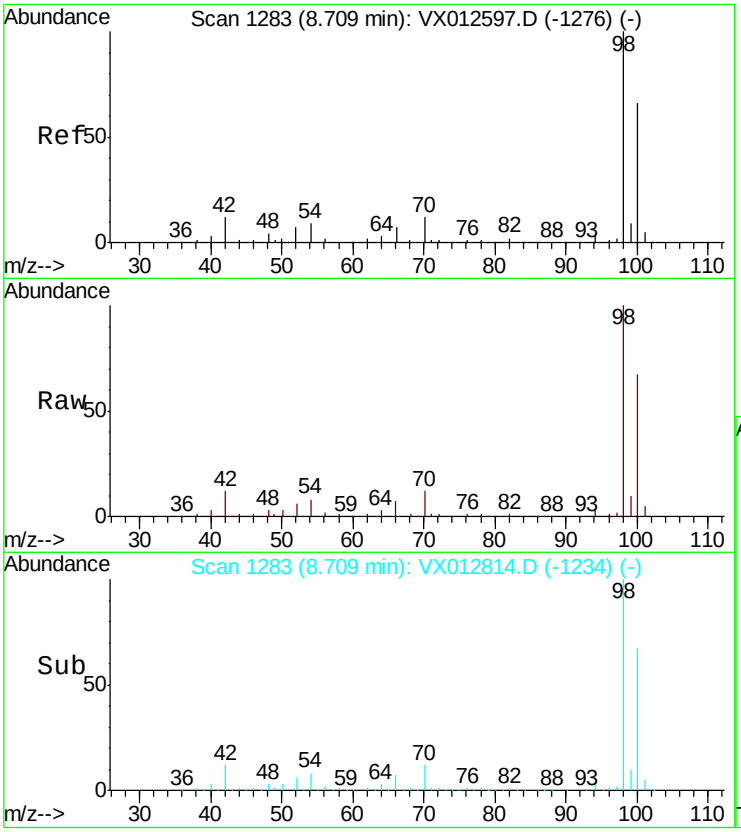


#48
Methyl methacrylate
Concen: 2.680 ug/l
RT: 7.77 min Scan# 1129
Delta R.T. 0.01 min
Lab File: VX012814.D
Acq: 04 Oct 2019 16:11

Tgt Ion: 41 Resp: 6797

Ion	Ratio	Lower	Upper
41	100		
69	68.0	59.9	89.9
39	66.5	47.8	71.6



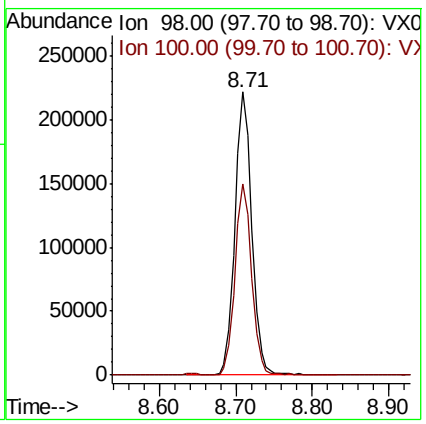


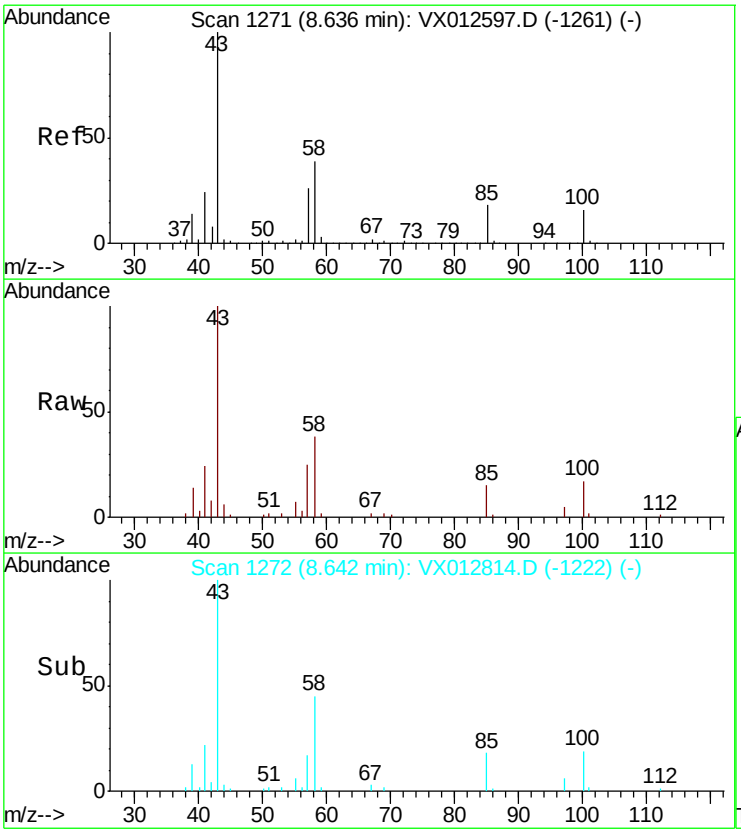
#50
Toluene-d8
Concen: 52.562 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012814.D
Acq: 04 Oct 2019 16:11

Instrument : MSVOA_X
ClientSampleId : 30440-30377

Tgt Ion: 98 Resp: 338404

Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.4	80.2

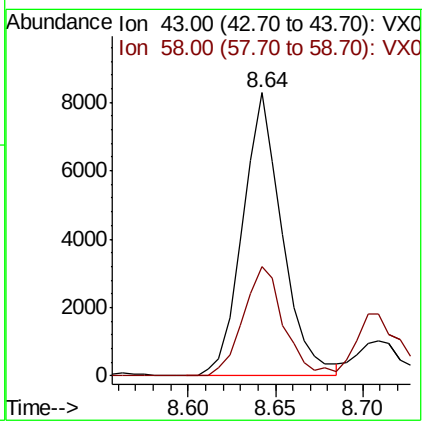


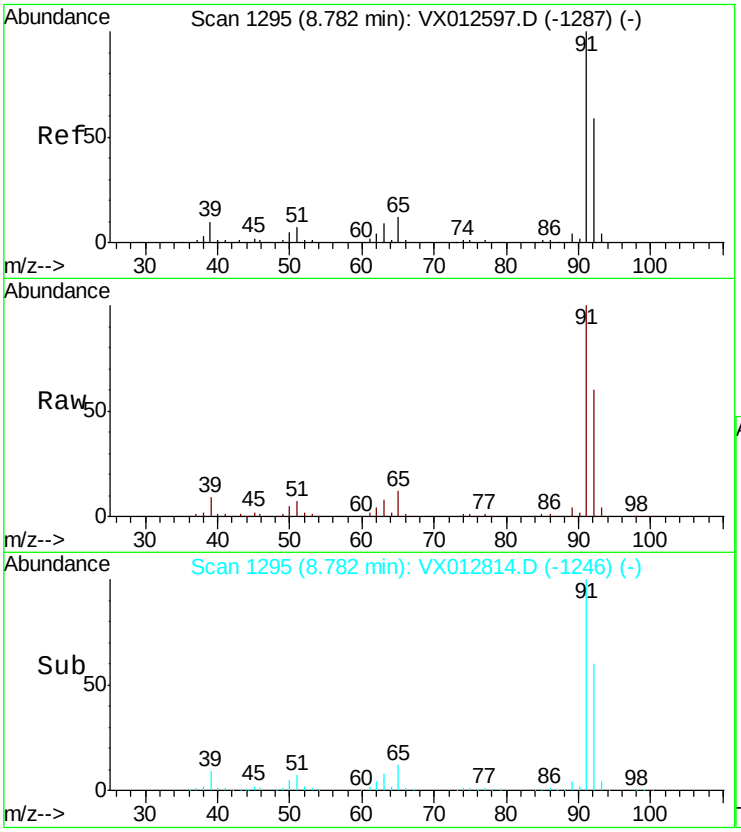


#51
4-Methyl-2-Pentanone
Concen: 3.988 ug/l
RT: 8.64 min Scan# 1272
Delta R.T. 0.01 min
Lab File: VX012814.D
Acq: 04 Oct 2019 16:11

Tgt Ion: 43 Resp: 13023

Ion	Ratio	Lower	Upper
43	100		
58	39.7	29.8	44.6



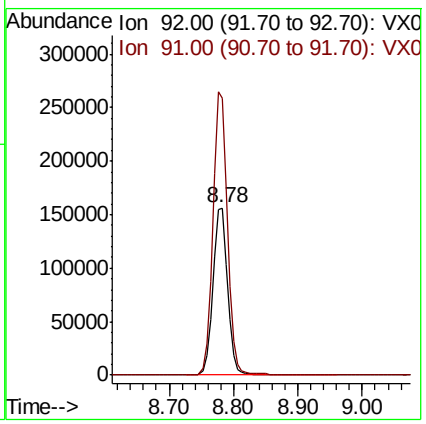


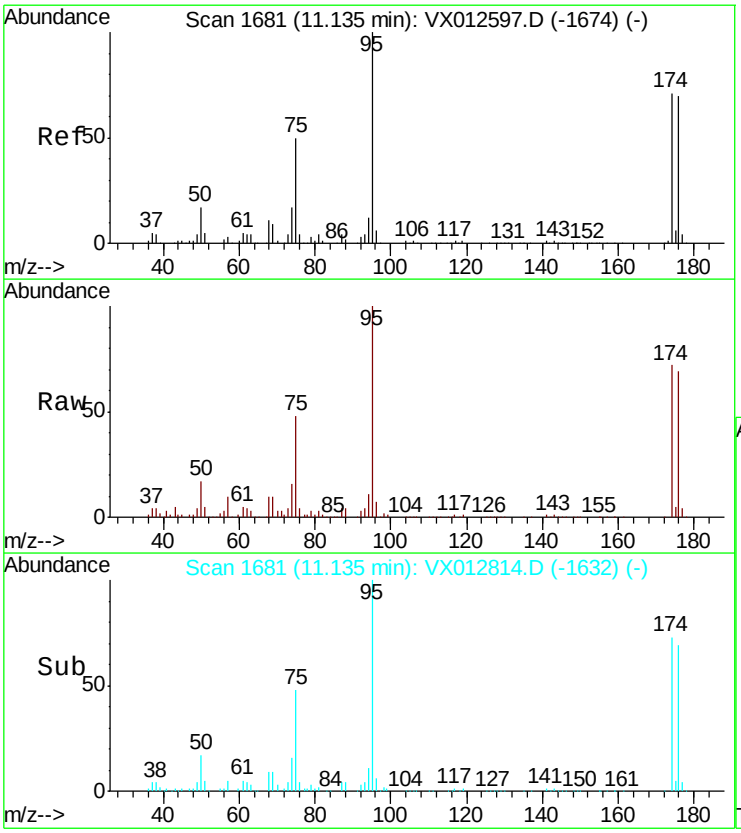
#52
Toluene
Concen: 50.519 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VX012814.D
Acq: 04 Oct 2019 16:11

Instrument :
MSVOA_X
ClientSampleId :
30440-30377

Tgt Ion: 92 Resp: 252787

Ion	Ratio	Lower	Upper
92	100		
91	167.7	135.4	203.0

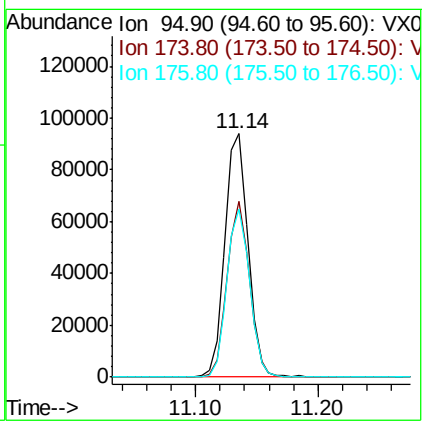


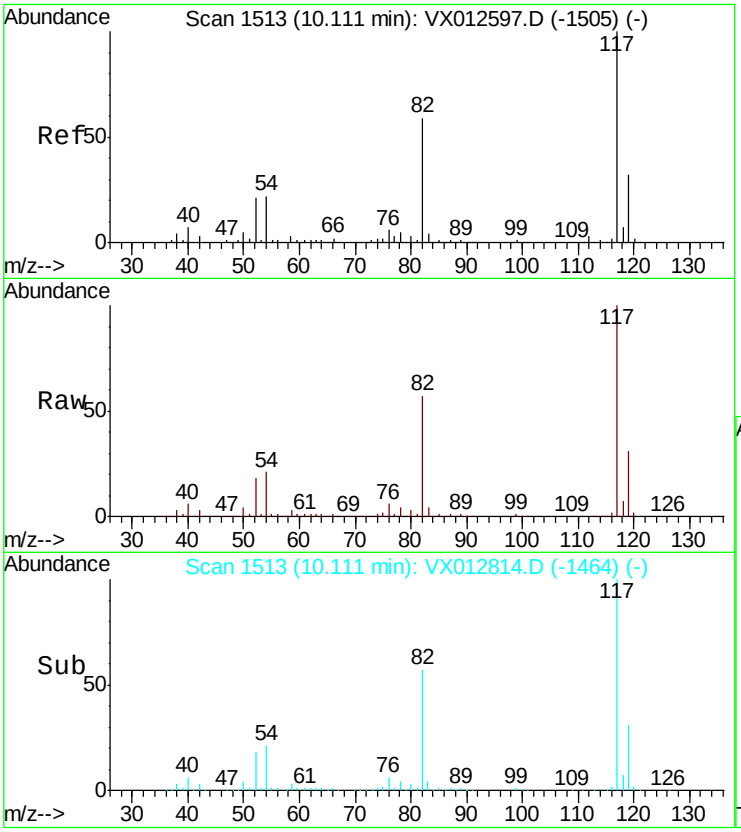


#62
4-Bromofluorobenzene
Concen: 48.619 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX012814.D
Acq: 04 Oct 2019 16:11

Tgt Ion: 95 Resp: 123081

Ion	Ratio	Lower	Upper
95	100		
174	69.6	0.0	140.0
176	67.8	0.0	135.4



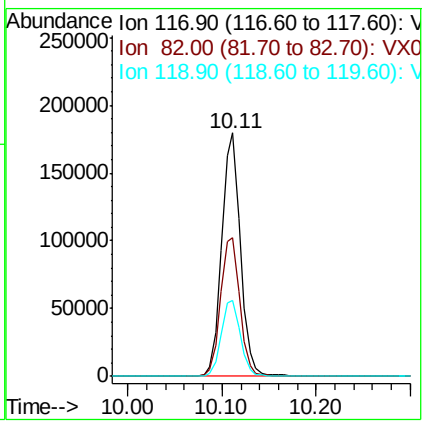


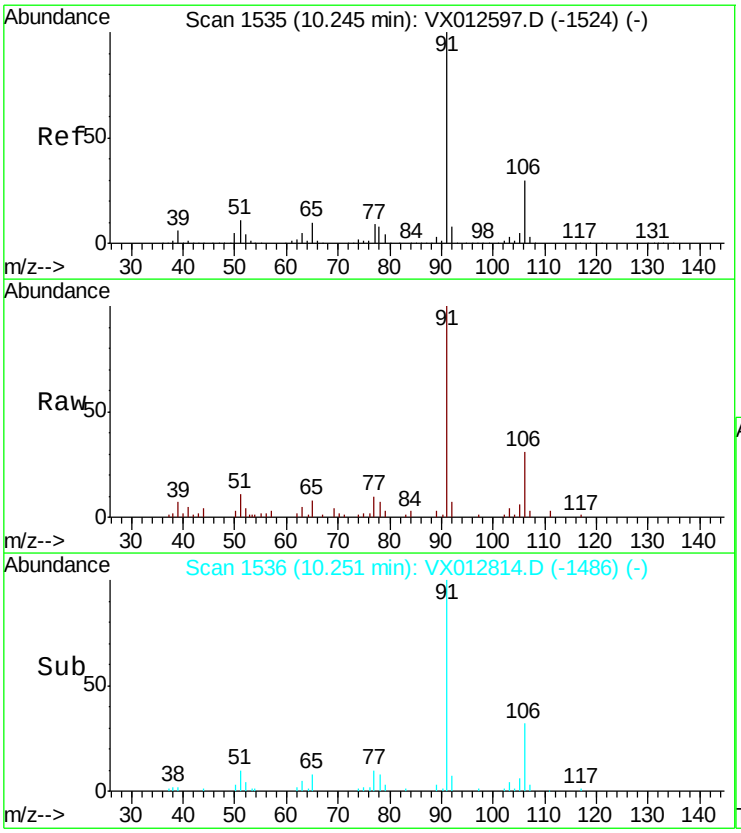
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012814.D
Acq: 04 Oct 2019 16:11

Instrument : MSVOA_X
ClientSampleId : 30440-30377

Tgt Ion:117 Resp: 246791

Ion	Ratio	Lower	Upper
117	100		
82	57.2	45.9	68.9
119	31.3	25.3	37.9

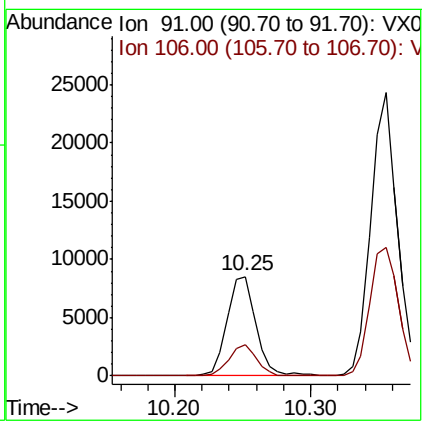


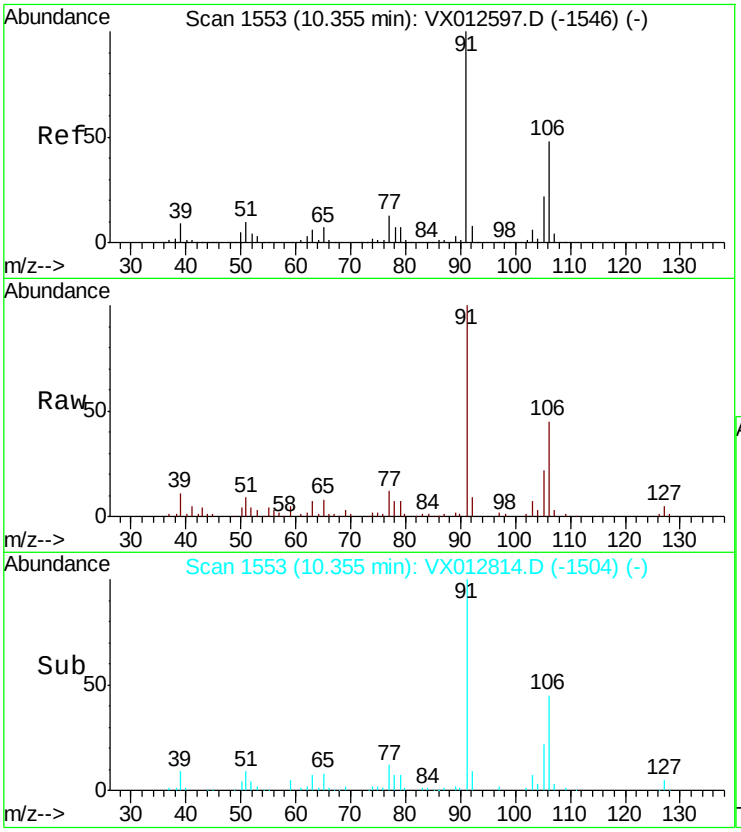


#67
Ethyl Benzene
Concen: 1.342 ug/l
RT: 10.25 min Scan# 1536
Delta R.T. 0.01 min
Lab File: VX012814.D
Acq: 04 Oct 2019 16:11

Tgt Ion: 91 Resp: 12651

Ion	Ratio	Lower	Upper
91	100		
106	31.1	24.6	37.0



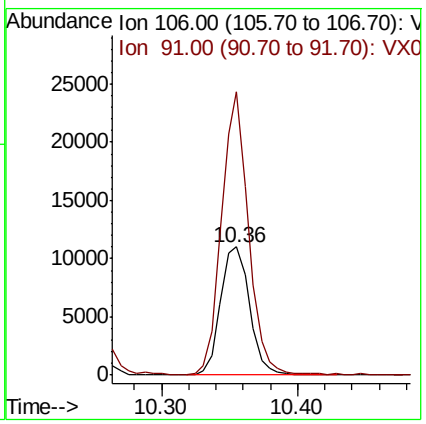


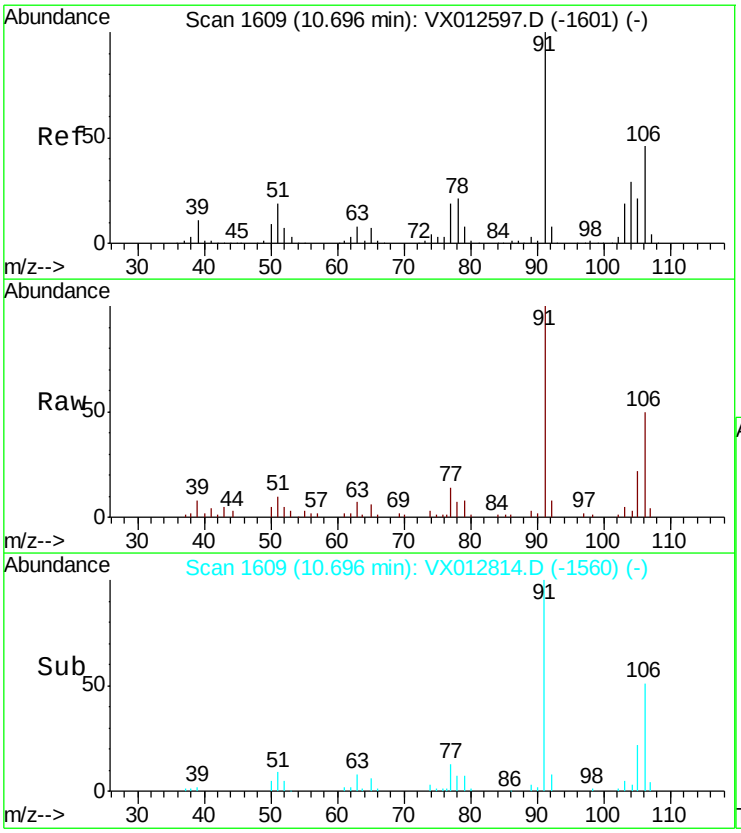
#68
m/p-Xylenes
Concen: 4.616 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012814.D
Acq: 04 Oct 2019 16:11

Instrument :
MSVOA_X
ClientSampleId :
30440-30377

Tgt Ion:106 Resp: 16300

Ion	Ratio	Lower	Upper
106	100		
91	205.5	166.6	250.0

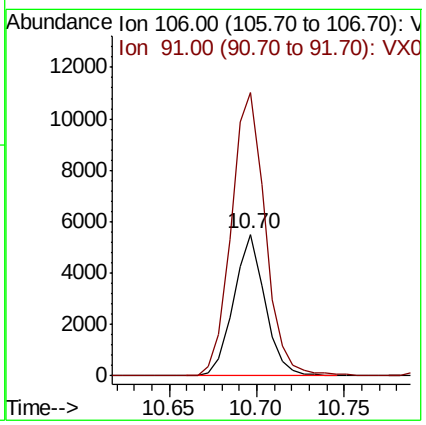


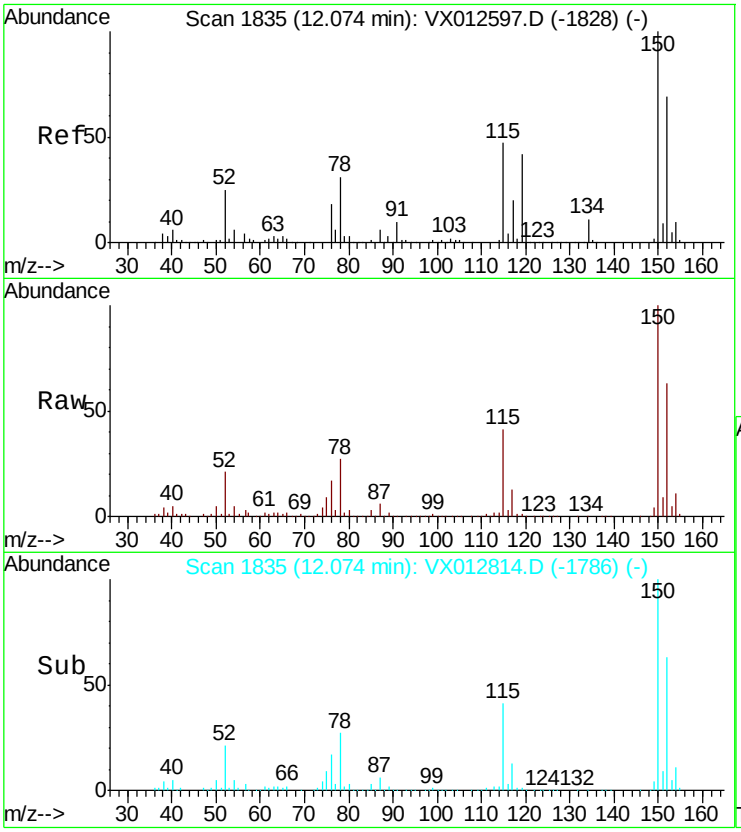


#69
o-Xylene
Concen: 2.004 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012814.D
Acq: 04 Oct 2019 16:11

Tgt Ion:106 Resp: 6846

Ion	Ratio	Lower	Upper
106	100		
91	217.9	109.4	328.2



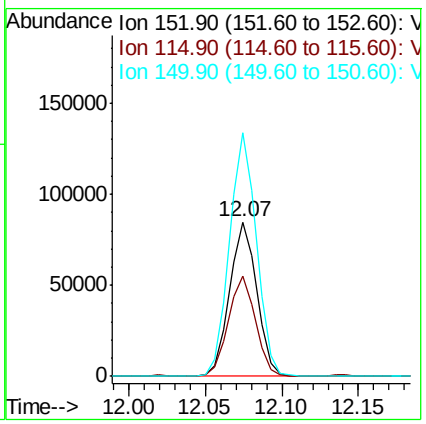


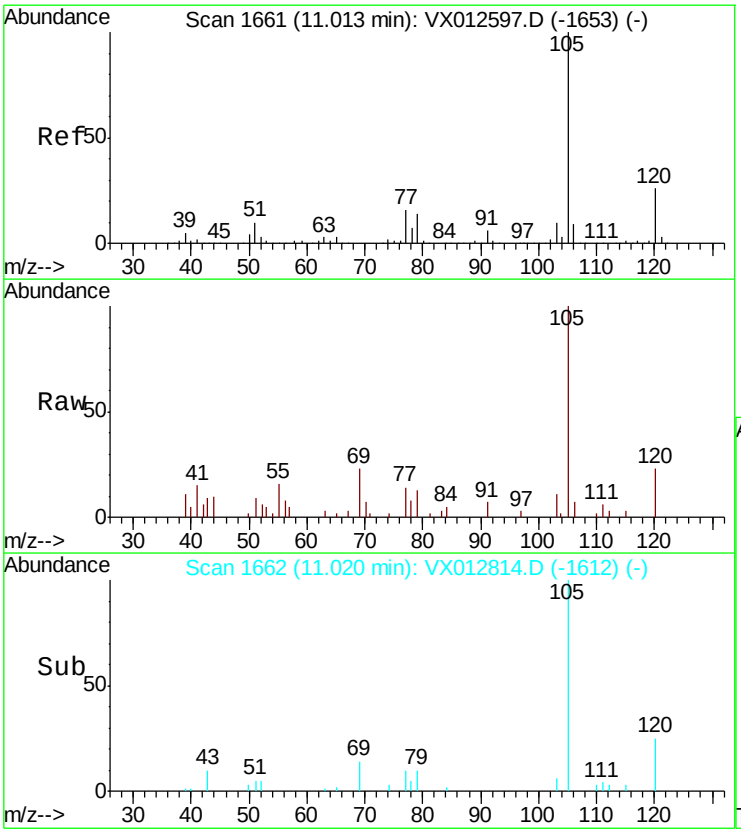
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012814.D
Acq: 04 Oct 2019 16:11

Instrument : MSVOA_X
ClientSampleId : 30440-30377

Tgt Ion:152 Resp: 104446

Ion	Ratio	Lower	Upper
152	100		
115	64.6	44.1	132.3
150	156.2	0.0	343.8

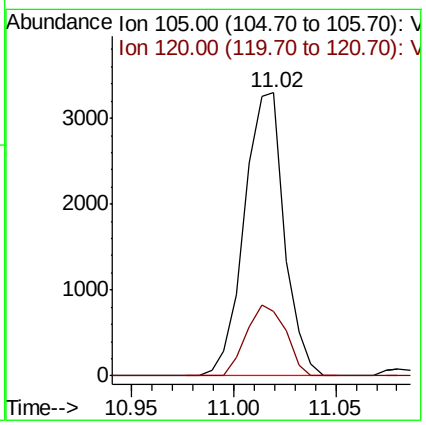


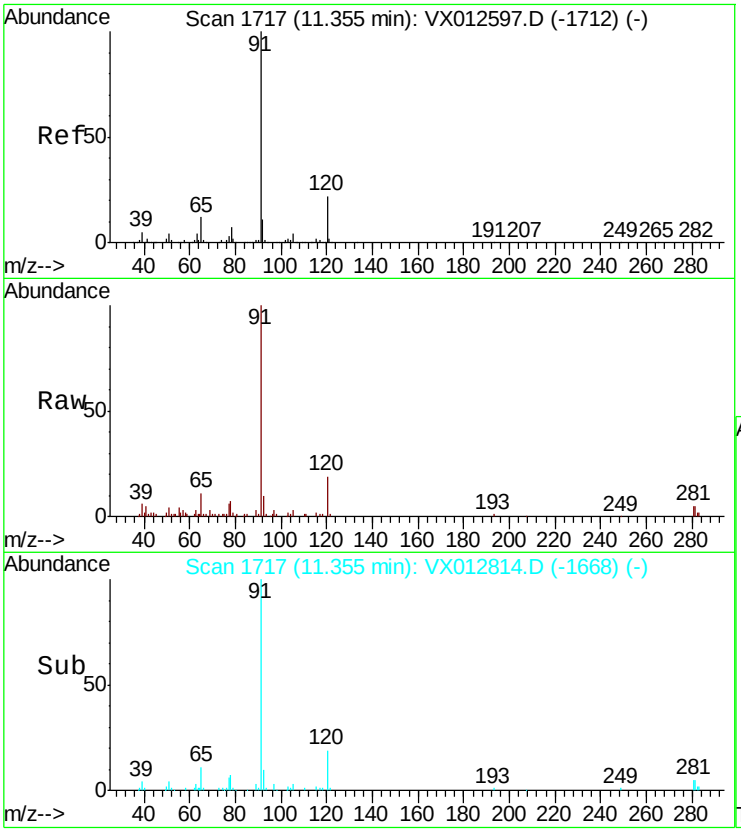


#73
Isopropylbenzene
Concen: 0.529 ug/l
RT: 11.02 min Scan# 1662
Delta R.T. 0.01 min
Lab File: VX012814.D
Acq: 04 Oct 2019 16:11

Tgt Ion:105 Resp: 4504

Ion	Ratio	Lower	Upper
105	100		
120	24.5	12.9	38.7



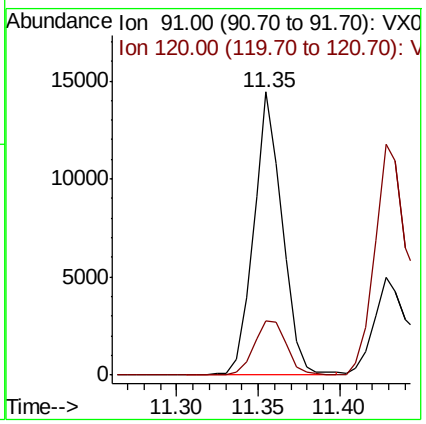


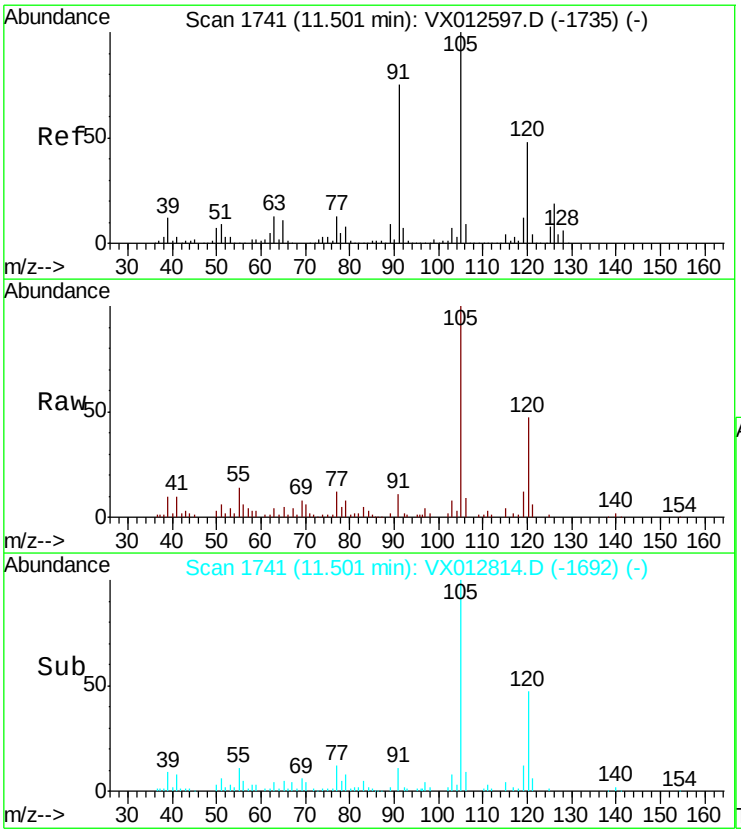
#78
n-propylbenzene
Concen: 1.825 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VX012814.D
Acq: 04 Oct 2019 16:11

Instrument :
MSVOA_X
ClientSampleId :
30440-30377

Tgt Ion: 91 Resp: 17481

Ion	Ratio	Lower	Upper
91	100		
120	21.5	11.3	33.8

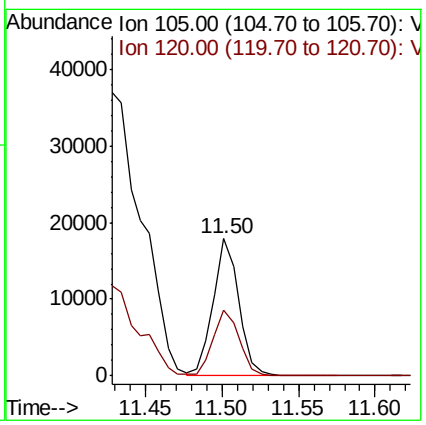


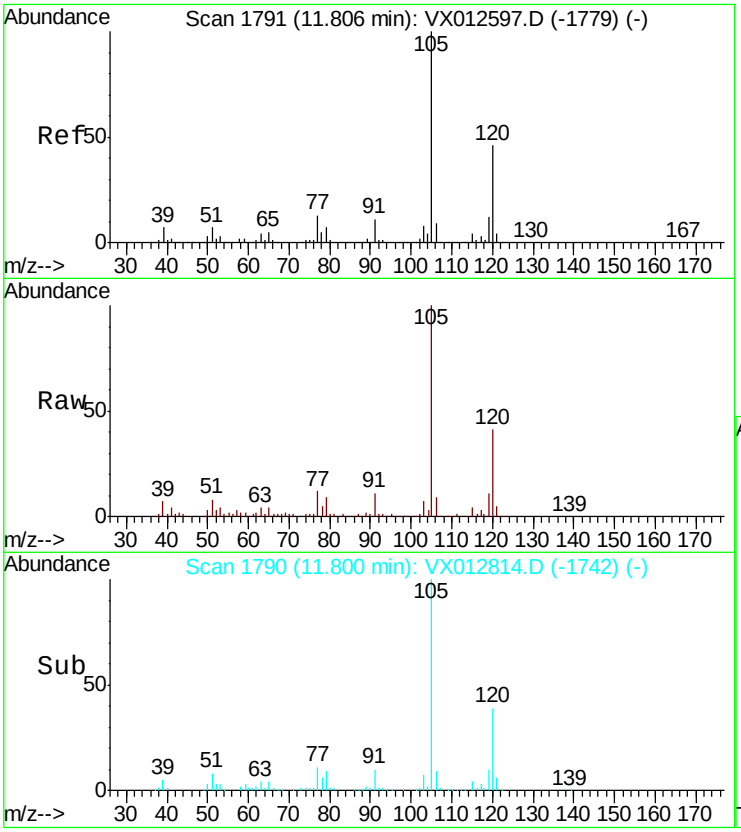


#80
1,3,5-Trimethylbenzene
Concen: 2.939 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX012814.D
Acq: 04 Oct 2019 16:11

Tgt Ion:105 Resp: 20966

Ion	Ratio	Lower	Upper
105	100		
120	49.3	24.3	72.8



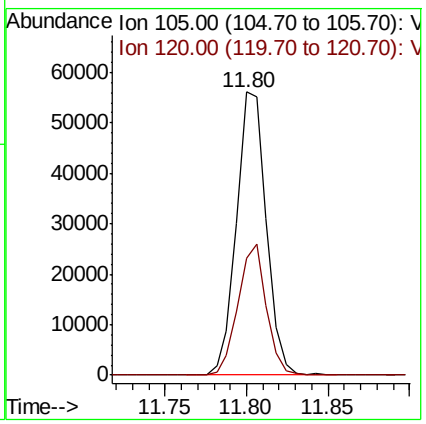


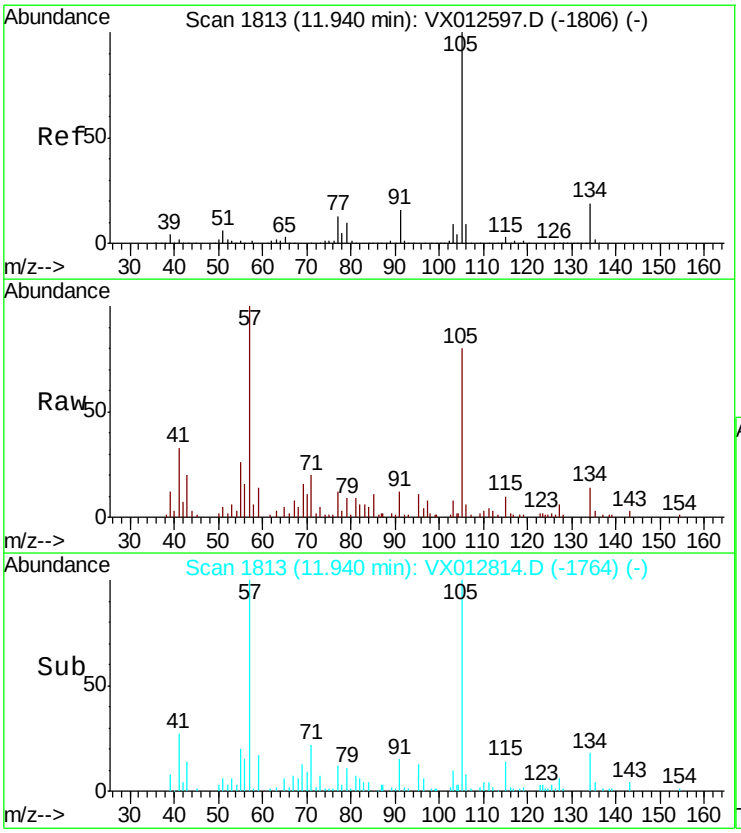
#84
1,2,4-Trimethylbenzene
Concen: 9.948 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX012814.D
Acq: 04 Oct 2019 16:11

Instrument :
MSVOA_X
ClientSampleId :
30440-30377

Tgt Ion:105 Resp: 71588

Ion	Ratio	Lower	Upper
105	100		
120	43.7	22.2	66.6

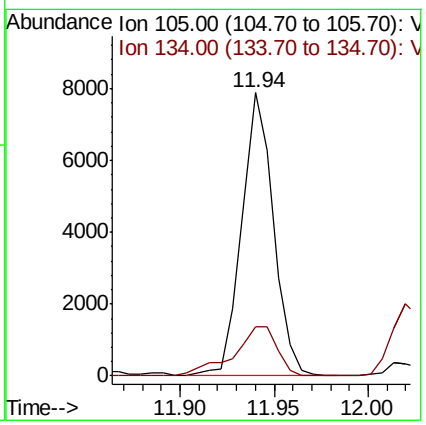


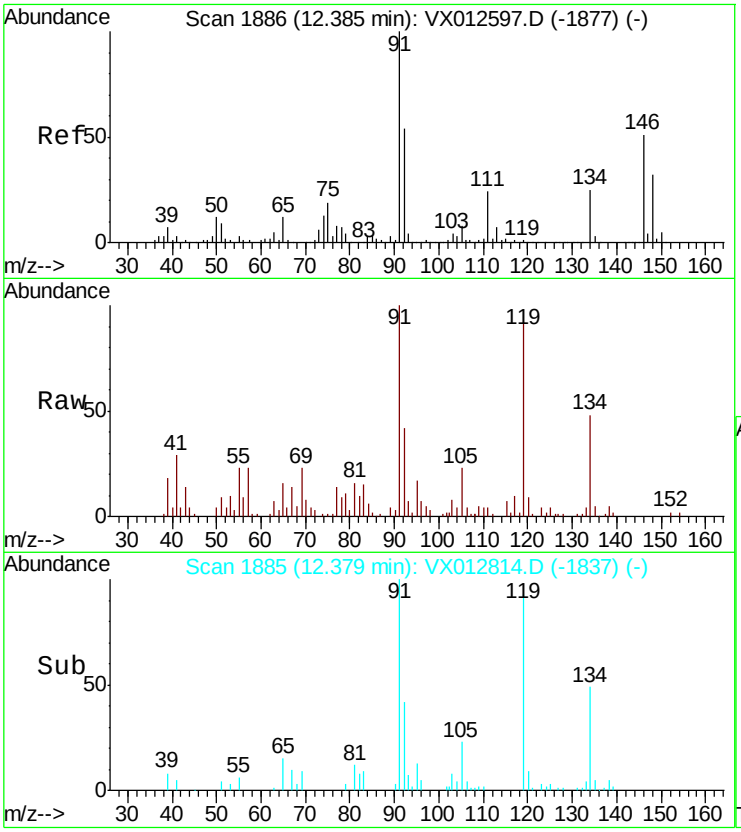


#85
sec-Butylbenzene
Concen: 1.154 ug/l
RT: 11.94 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VX012814.D
Acq: 04 Oct 2019 16:11

Tgt Ion:105 Resp: 9235

Ion	Ratio	Lower	Upper
105	100		
134	23.8	9.8	29.4



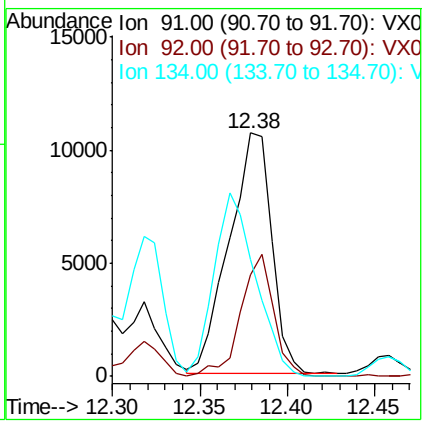


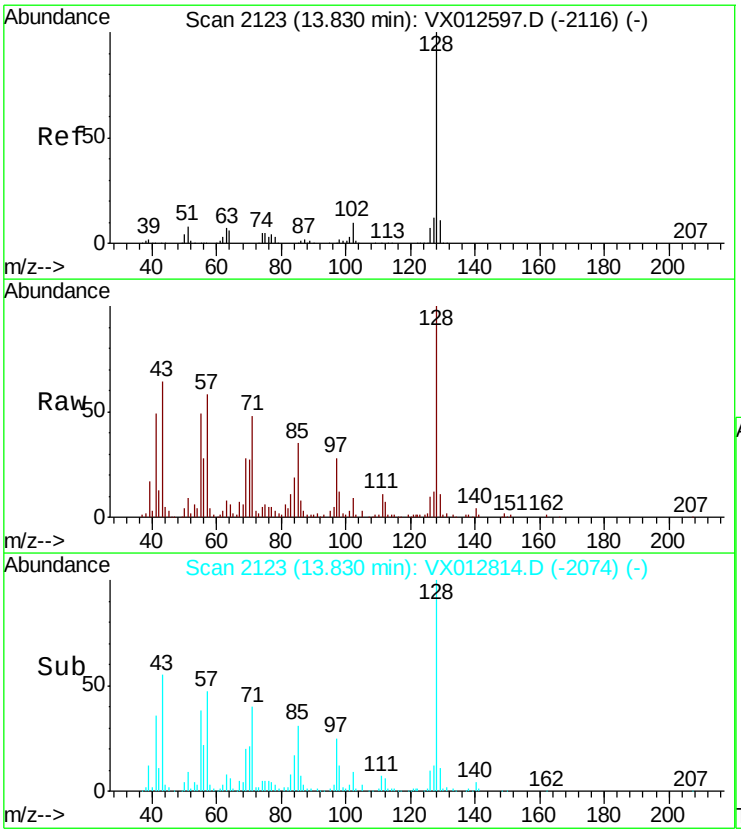
#89
n-Butylbenzene
Concen: 2.841 ug/l
RT: 12.38 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX012814.D
Acq: 04 Oct 2019 16:11

Instrument :
MSVOA_X
ClientSampleId :
30440-30377

Tgt Ion: 91 Resp: 18081

Ion	Ratio	Lower	Upper
91	100		
92	39.2	27.7	83.0
134	74.0	12.9	38.6#





#95
Naphthalene
Concen: 3.769 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012814.D
Acq: 04 Oct 2019 16:11

Tgt Ion:128 Resp: 28844

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	13.9	8.8	13.2#