Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121919\
Data File : VX014132.D
Acq On : 19 Dec 2019 19:44
Operator : JC/SP
Sample : K6355-01 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 30604

Quant Time: Dec 20 03:38:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	541353	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	840519	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	759482	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	347251	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	307966	50.19	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.38%			
35) Dibromofluoromethane	5.49	113	254078	49.73	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.46%			
50) Toluene-d8	8.71	98	996914	50.12	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.24%			
62) 4-Bromofluorobenzene	11.13	95	343061	47.18	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.36%			
Target Compounds						Qvalue
20) Methylene Chloride	2.85	84	7625	1.216	ug/l	97
40) Benzene	6.14	78	15250	0.643	ug/l #	88
52) Toluene	8.78	92	77425	5.162	ug/l	99
67) Ethyl Benzene	10.25	91	57489	2.071	ug/l	95
68) m/p-Xylenes	10.35	106	71432	6.690	ug/l	99
69) o-Xylene	10.70	106	41779	3.989	ug/l	99
73) Isopropylbenzene	11.01	105	10659	0.436	ug/l	96
78) n-propylbenzene	11.35	91	21839	0.796	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	23844	1.159	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	91653	4.448	ug/l	97
95) Naphthalene	13.83	128	16201	0.715	ug/l #	93

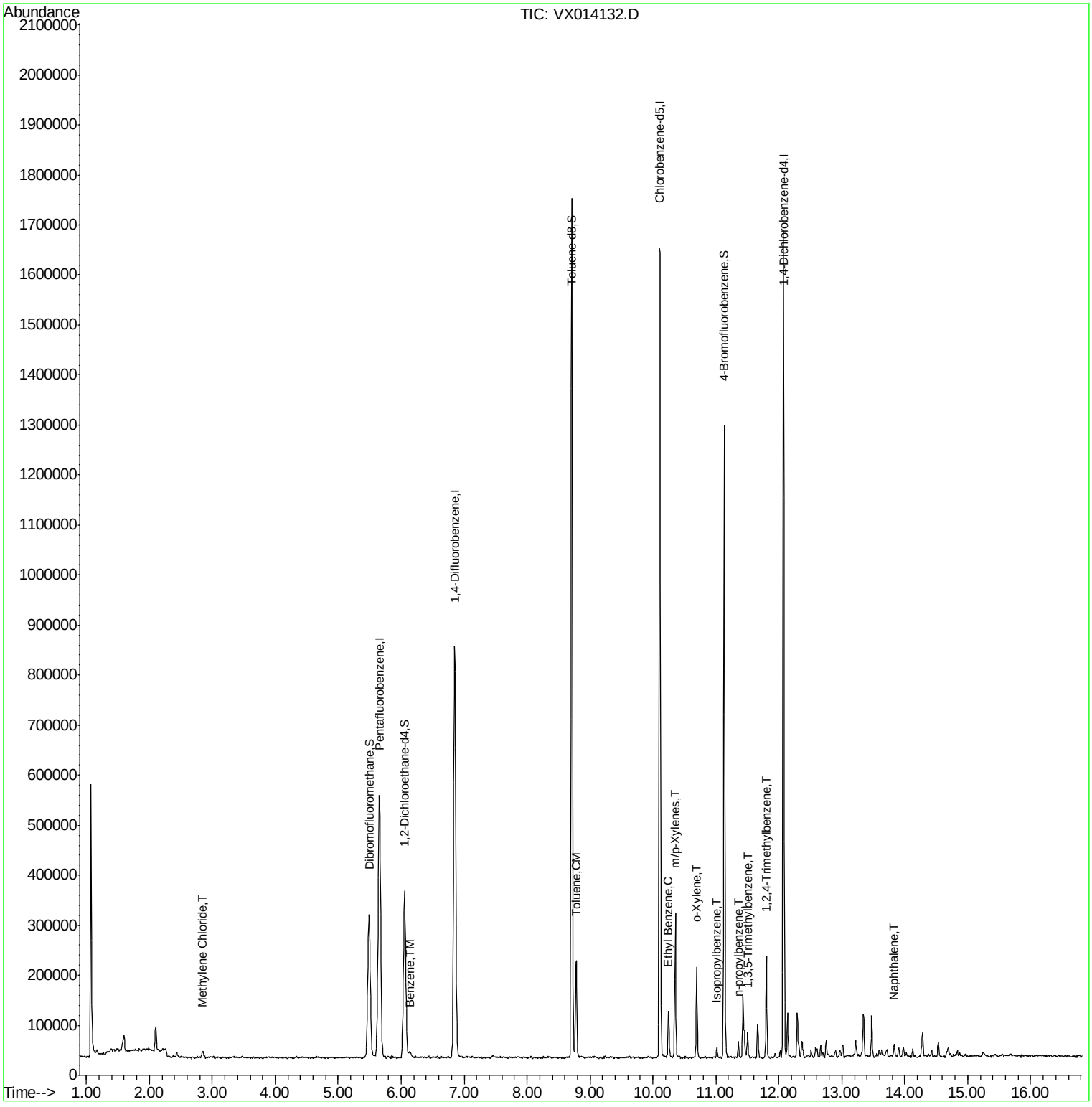
(#) = qualifier out of range (m) = manual integration (+) = signals summed

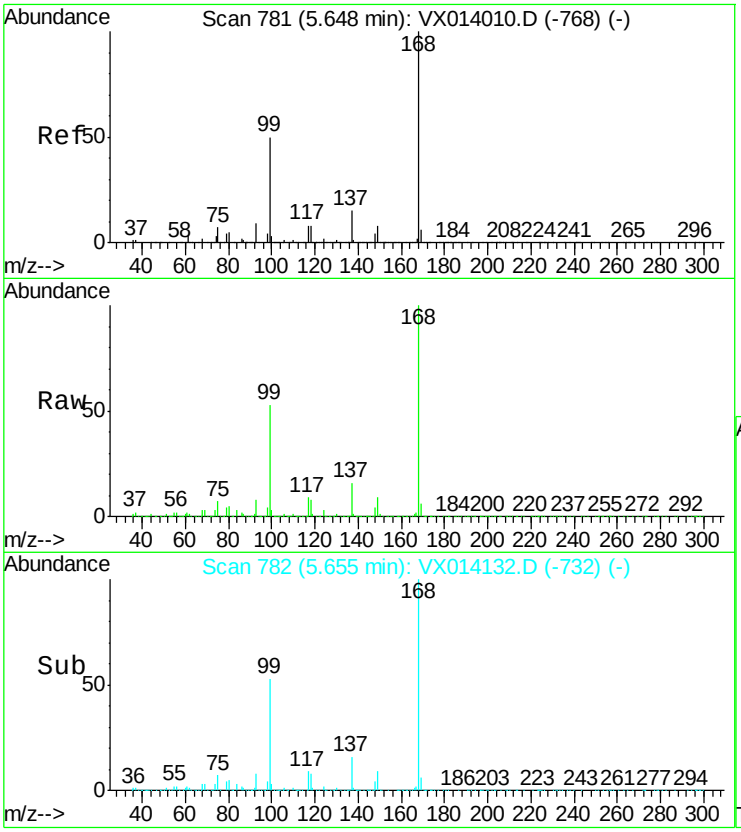
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121919\
Data File : VX014132.D
Acq On : 19 Dec 2019 19:44
Operator : JC/SP
Sample : K6355-01 50X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
30604

Quant Time: Dec 20 03:38:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration



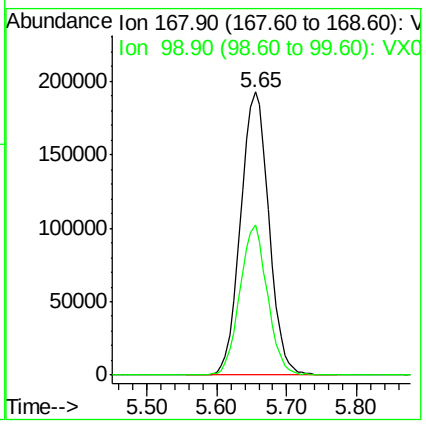


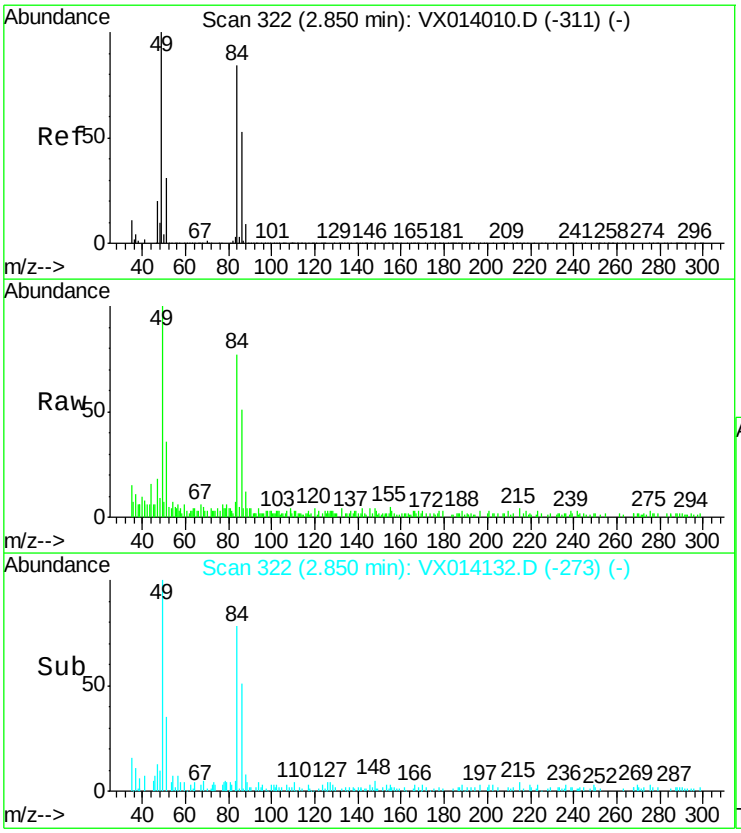
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX014132.D
Acq: 19 Dec 2019 19:44

Instrument : MSVOA_X
ClientSampleId : 30604

Tgt Ion:168 Resp: 541353

Ion	Ratio	Lower	Upper
168	100		
99	52.8	40.3	60.5

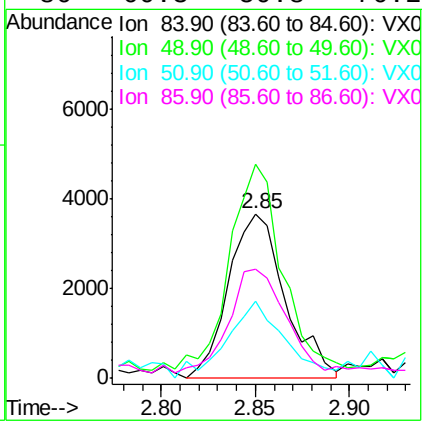


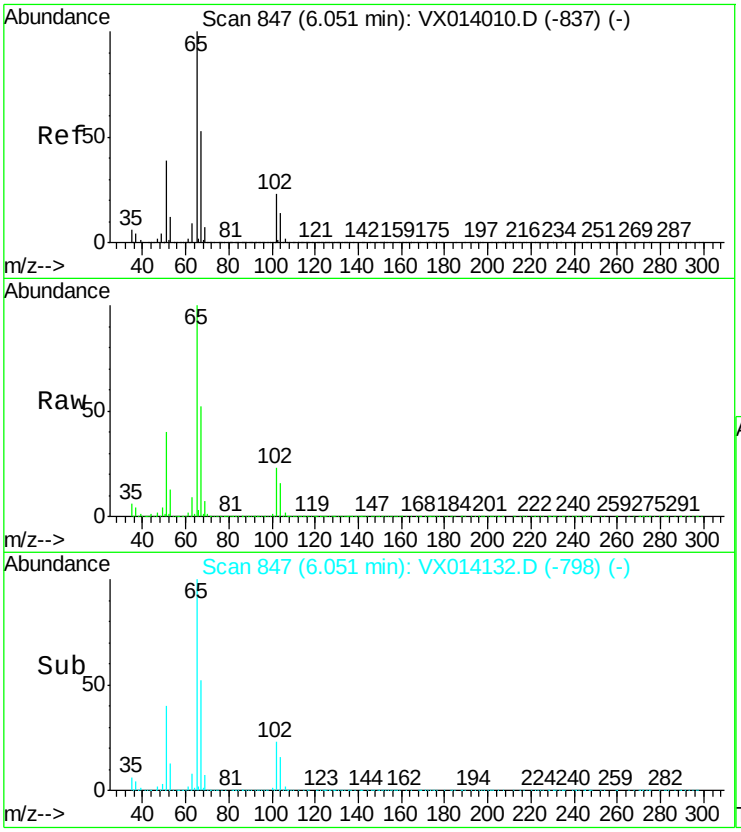


#20
Methylene Chloride
Concen: 1.216 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014132.D
Acq: 19 Dec 2019 19:44

Tgt Ion: 84 Resp: 7625

Ion	Ratio	Lower	Upper
84	100		
49	120.7	95.8	143.6
51	42.6	29.8	44.8
86	60.3	50.8	76.2



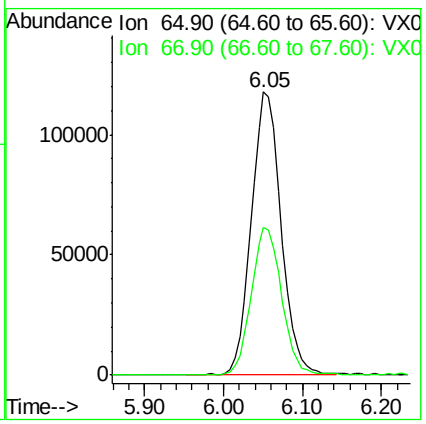


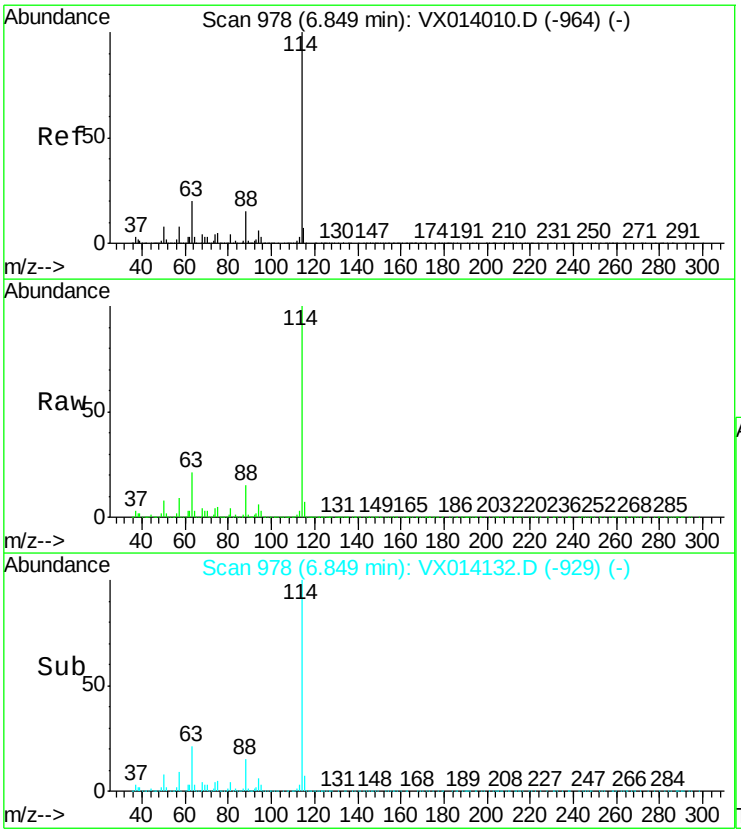
#33
1,2-Dichloroethane-d4
Concen: 50.194 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX014132.D
Acq: 19 Dec 2019 19:44

Instrument : MSVOA_X
ClientSampleId : 30604

Tgt Ion: 65 Resp: 307966

Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	106.4

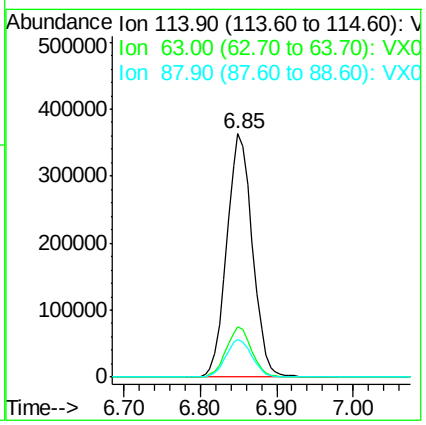


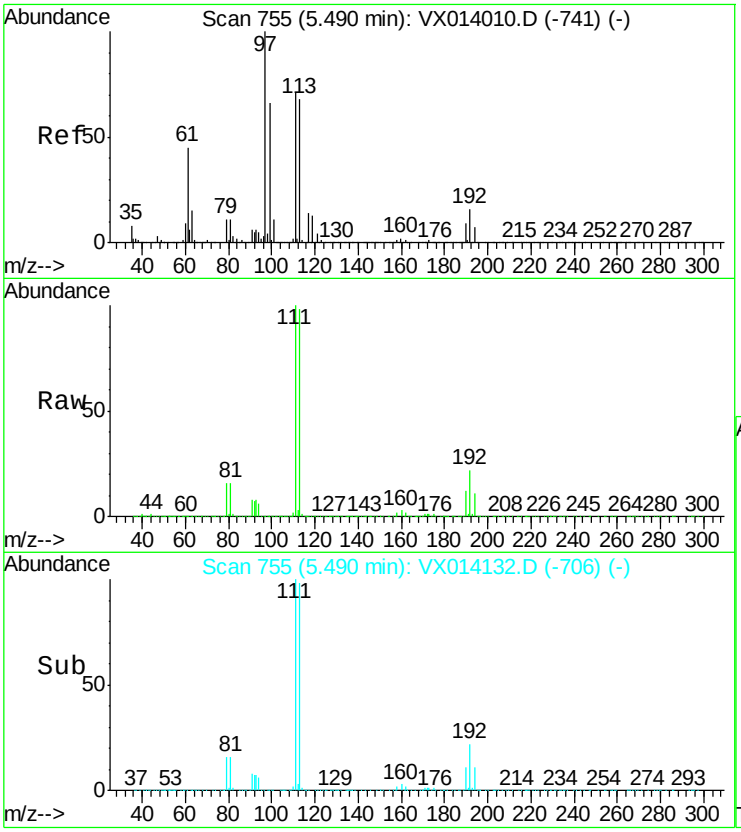


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX014132.D
Acq: 19 Dec 2019 19:44

Tgt Ion:114 Resp: 840519

Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	40.8
88	15.2	0.0	30.4



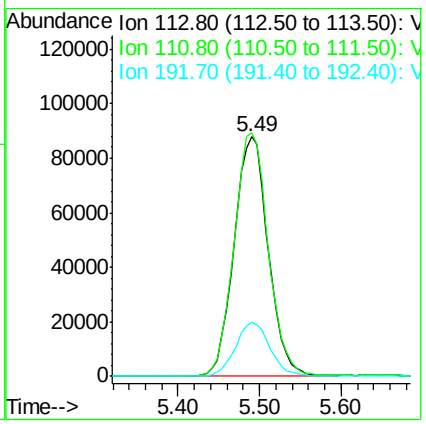


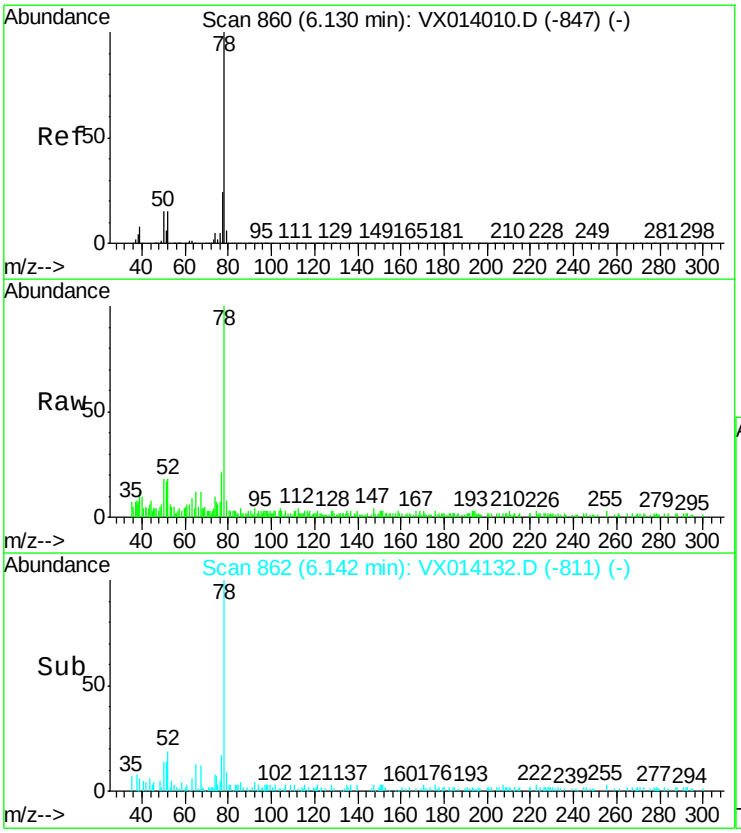
#35
Dibromofluoromethane
Concen: 49.727 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX014132.D
Acq: 19 Dec 2019 19:44

Instrument :
MSVOA_X
ClientSampleId :
30604

Tgt Ion:113 Resp: 254078

Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.0	123.0
192	22.5	19.3	28.9

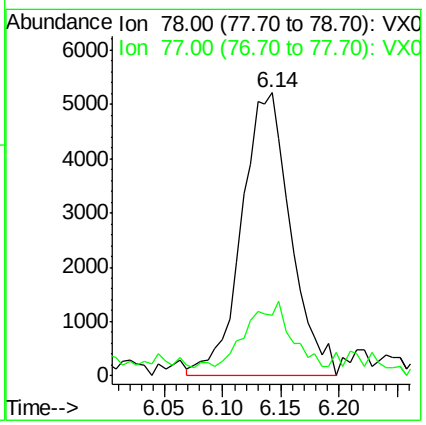


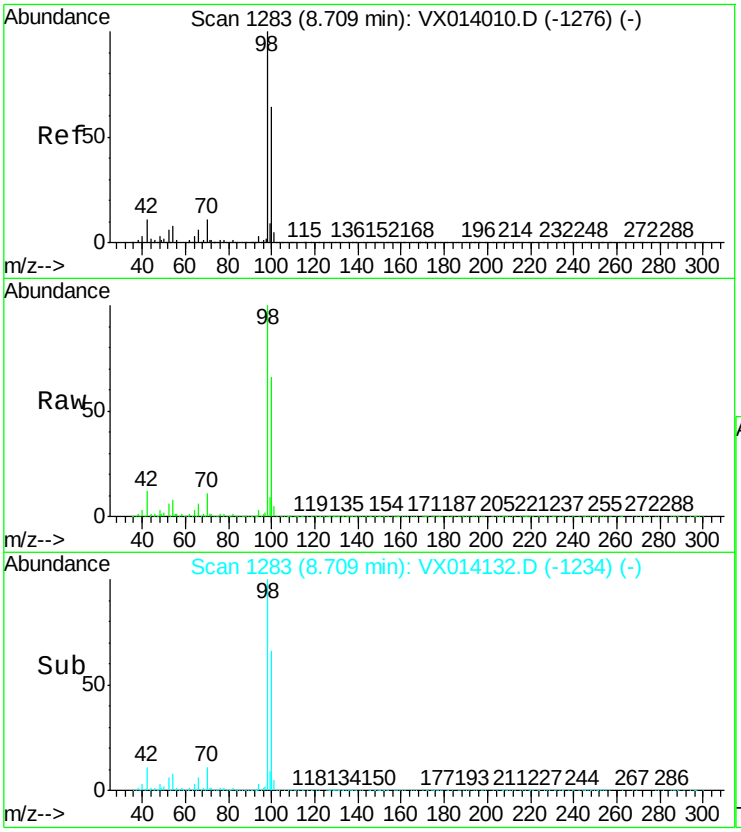


#40
Benzene
Concen: 0.643 ug/l
RT: 6.14 min Scan# 862
Delta R.T. 0.01 min
Lab File: VX014132.D
Acq: 19 Dec 2019 19:44

Tgt Ion: 78 Resp: 15250

Ion	Ratio	Lower	Upper
78	100		
77	17.8	18.8	28.2#



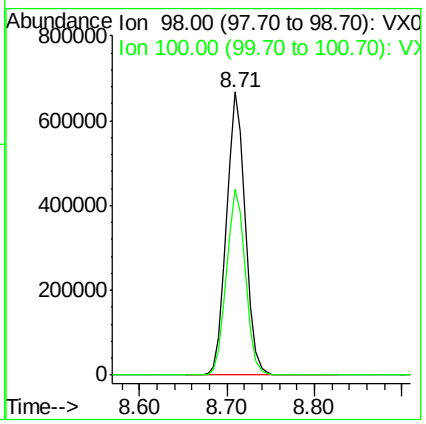


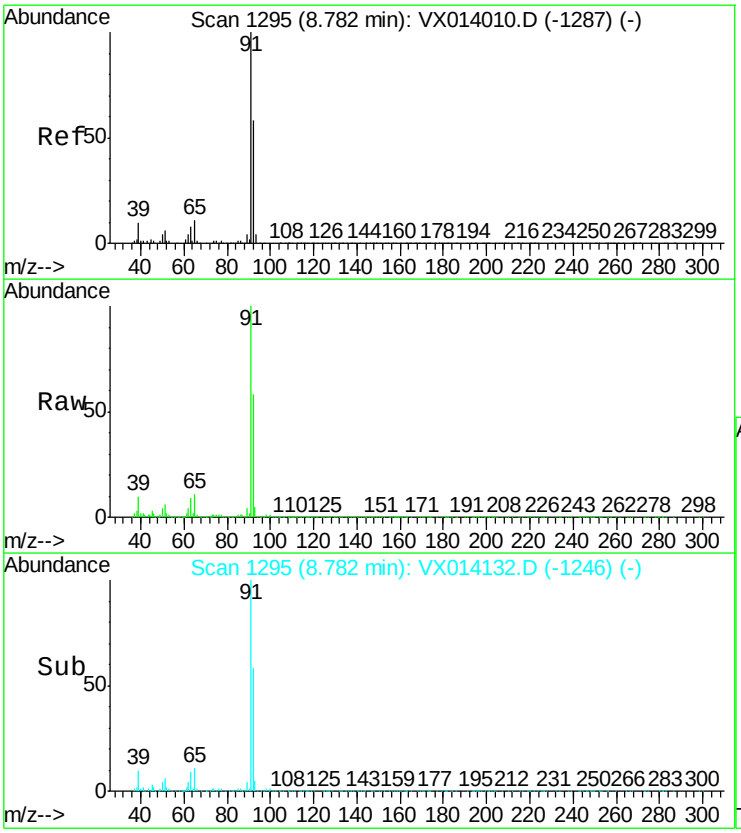
#50
Toluene-d8
Concen: 50.116 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014132.D
Acq: 19 Dec 2019 19:44

Instrument : MSVOA_X
ClientSampleId : 30604

Tgt Ion: 98 Resp: 996914

Ion	Ratio	Lower	Upper
98	100		
100	66.4	52.9	79.3

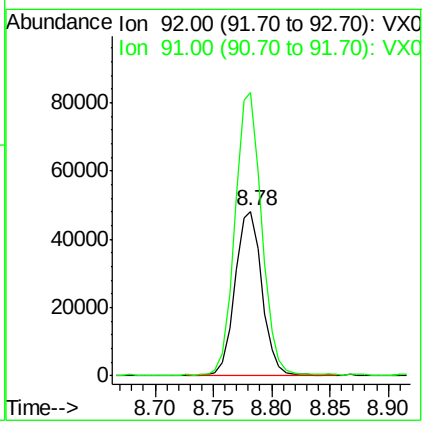


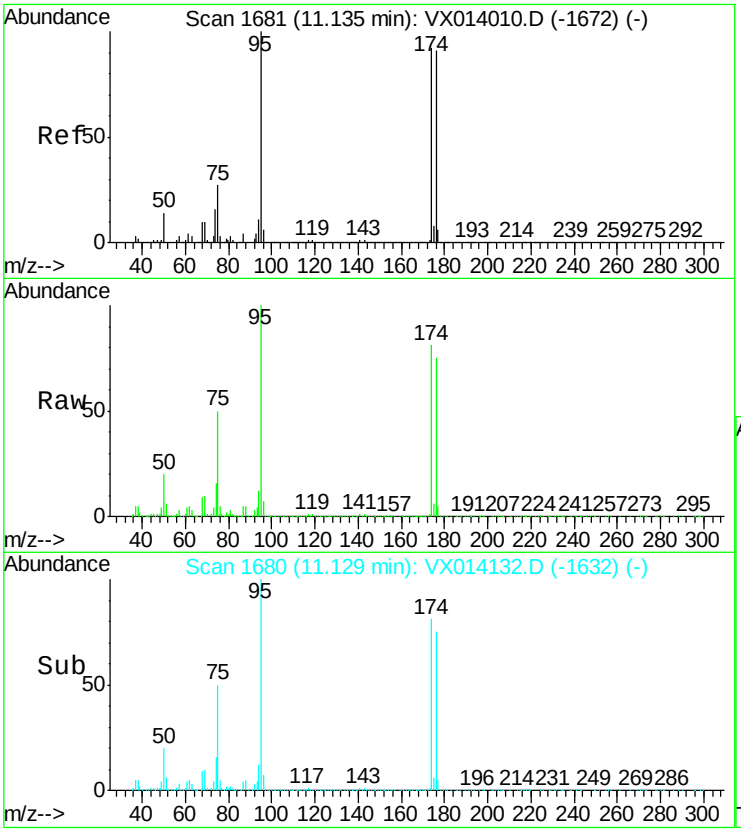


#52
Toluene
Concen: 5.162 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VX014132.D
Acq: 19 Dec 2019 19:44

Tgt Ion: 92 Resp: 77425

Ion	Ratio	Lower	Upper
92	100		
91	171.4	136.2	204.4



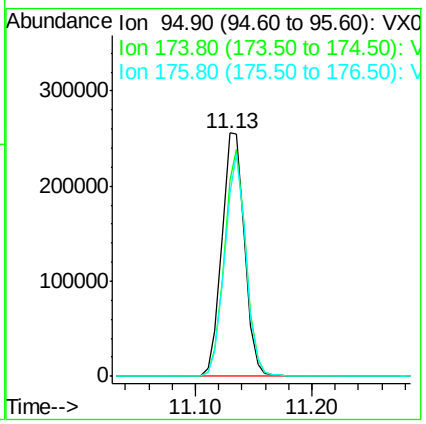


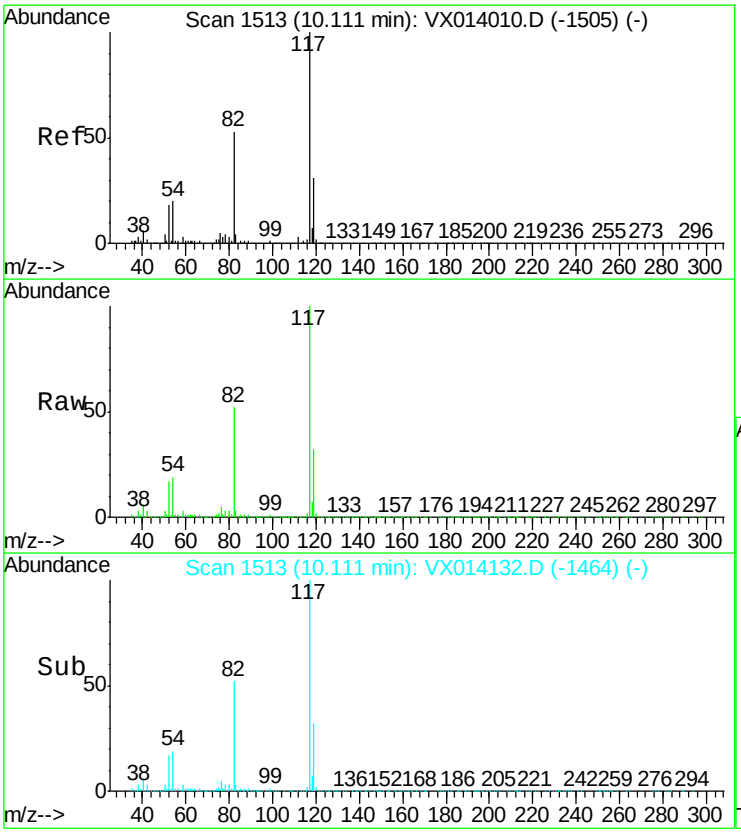
#62
4-Bromofluorobenzene
Concen: 47.179 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX014132.D
Acq: 19 Dec 2019 19:44

Instrument : MSVOA_X
ClientSampleId : 30604

Tgt Ion: 95 Resp: 343061

Ion	Ratio	Lower	Upper
95	100		
174	89.0	0.0	175.8
176	85.9	0.0	173.0

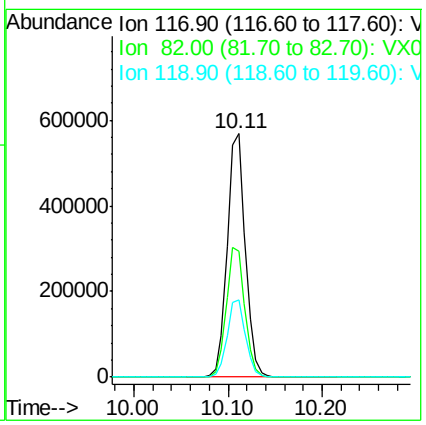


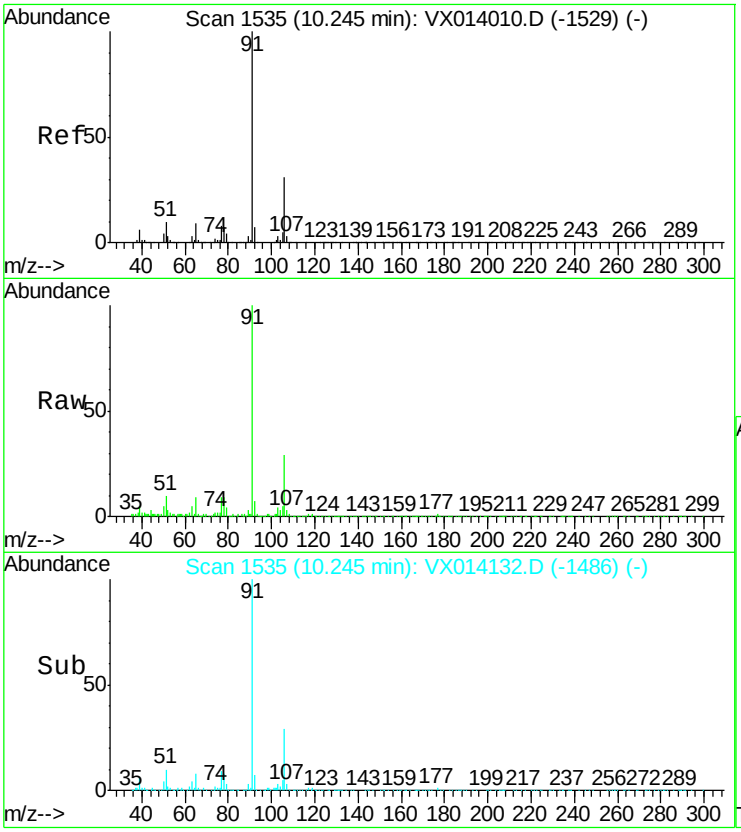


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014132.D
Acq: 19 Dec 2019 19:44

Tgt Ion:117 Resp: 759482

Ion	Ratio	Lower	Upper
117	100		
82	51.6	42.2	63.4
119	31.6	25.1	37.7



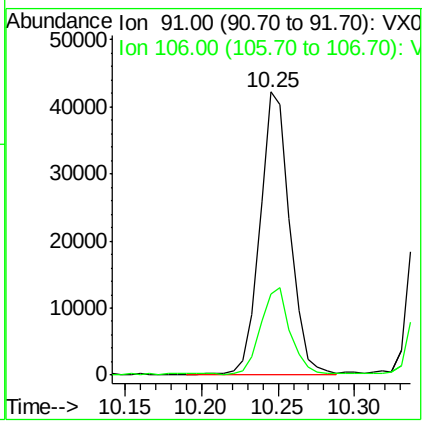


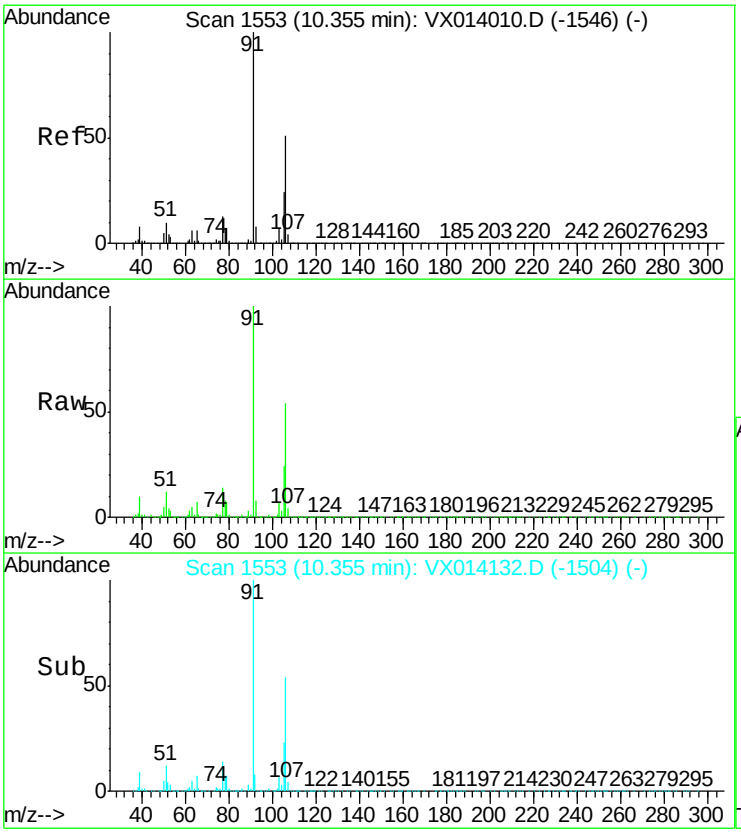
#67
Ethyl Benzene
Concen: 2.071 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014132.D
Acq: 19 Dec 2019 19:44

Instrument : MSVOA_X
ClientSampleId : 30604

Tgt Ion: 91 Resp: 57489

Ion	Ratio	Lower	Upper
91	100		
106	28.3	25.0	37.6

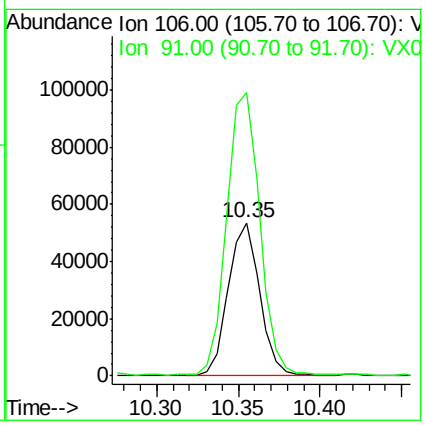


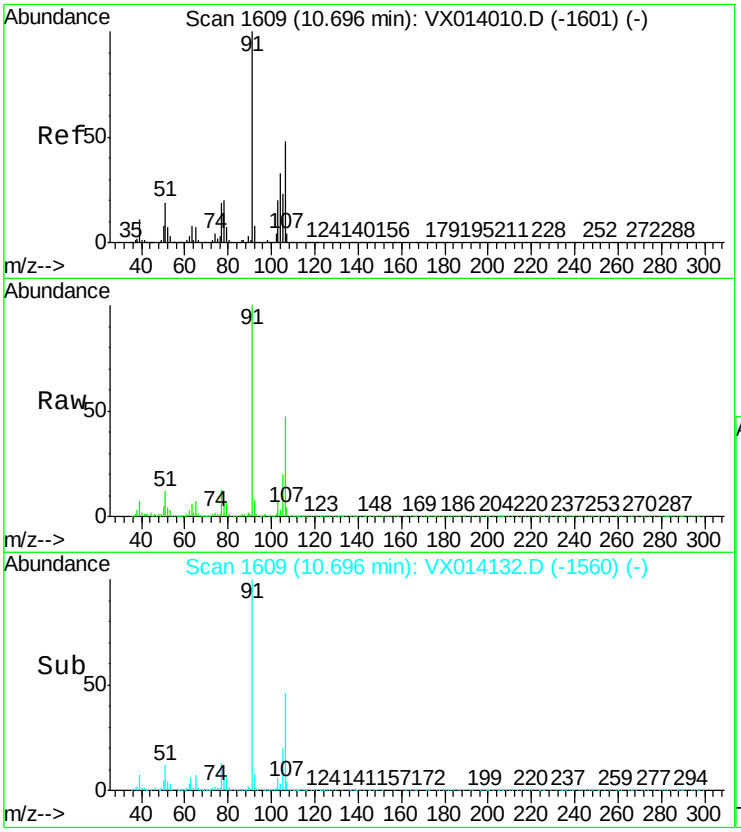


#68
m/p-Xylenes
Concen: 6.690 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014132.D
Acq: 19 Dec 2019 19:44

Tgt Ion:106 Resp: 71432

Ion	Ratio	Lower	Upper
106	100		
91	196.1	158.6	238.0



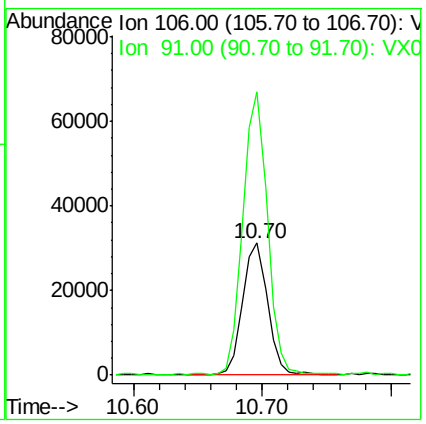


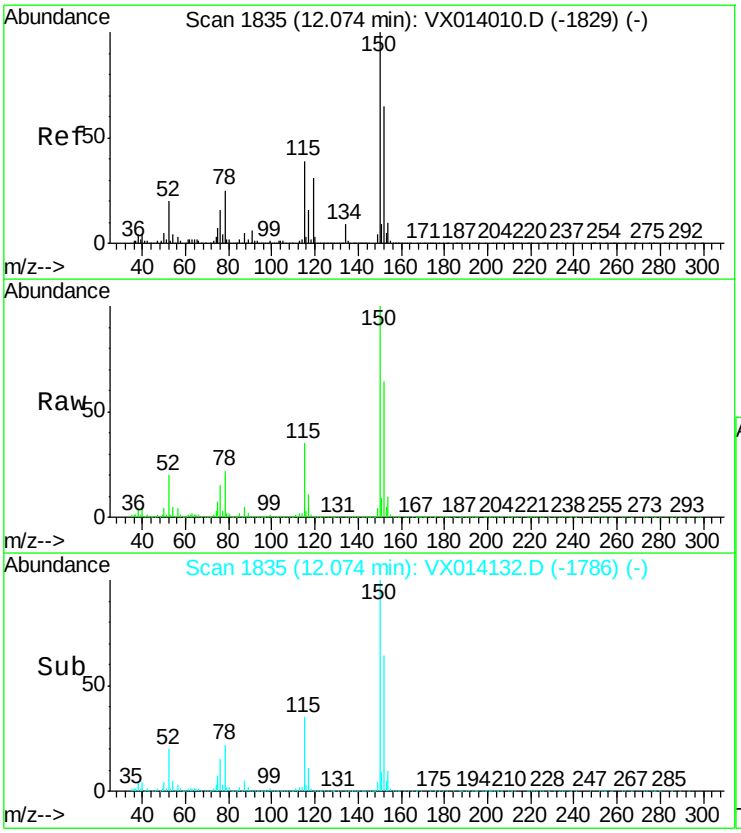
#69
o-Xylene
Concen: 3.989 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014132.D
Acq: 19 Dec 2019 19:44

Instrument :
MSVOA_X
ClientSampleId :
30604

Tgt Ion:106 Resp: 41779

Ion	Ratio	Lower	Upper
106	100		
91	209.8	104.2	312.6

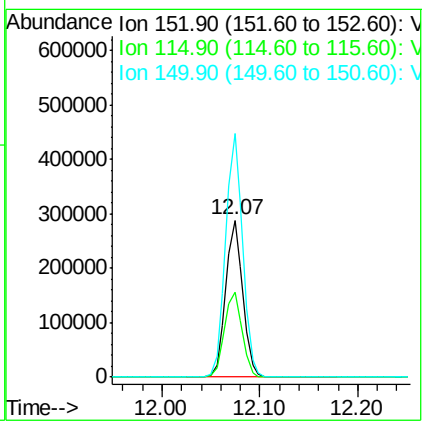


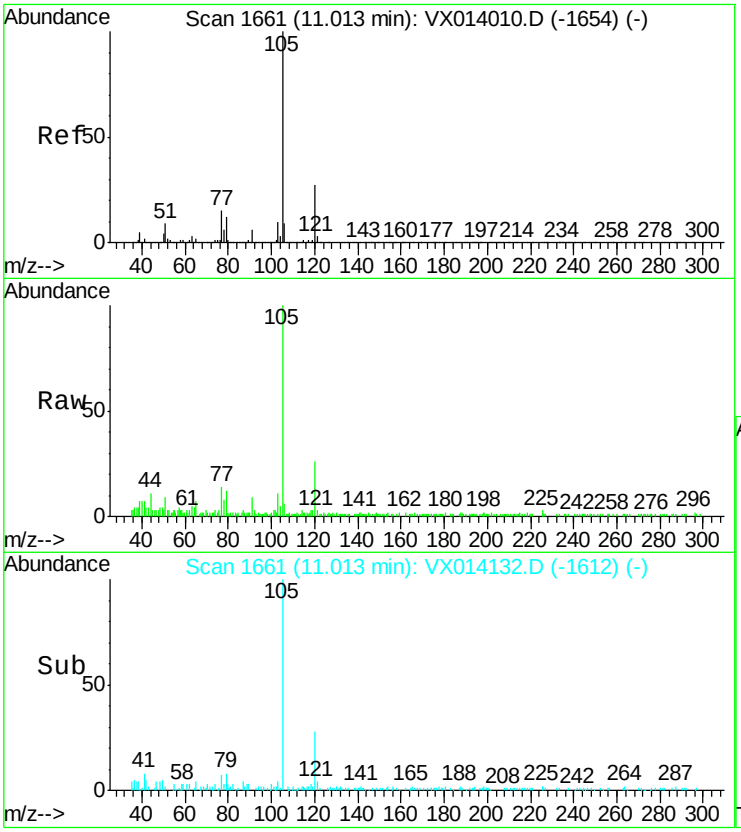


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014132.D
Acq: 19 Dec 2019 19:44

Tgt Ion:152 Resp: 347251

Ion	Ratio	Lower	Upper
152	100		
115	55.6	38.3	114.9
150	156.9	0.0	345.4



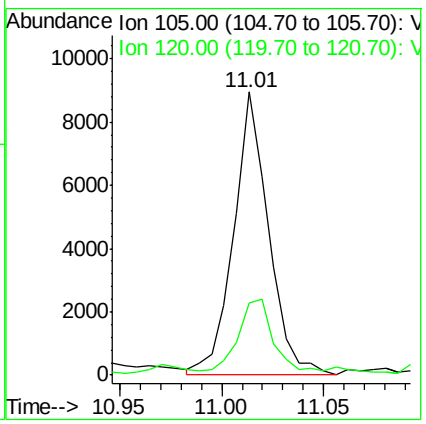


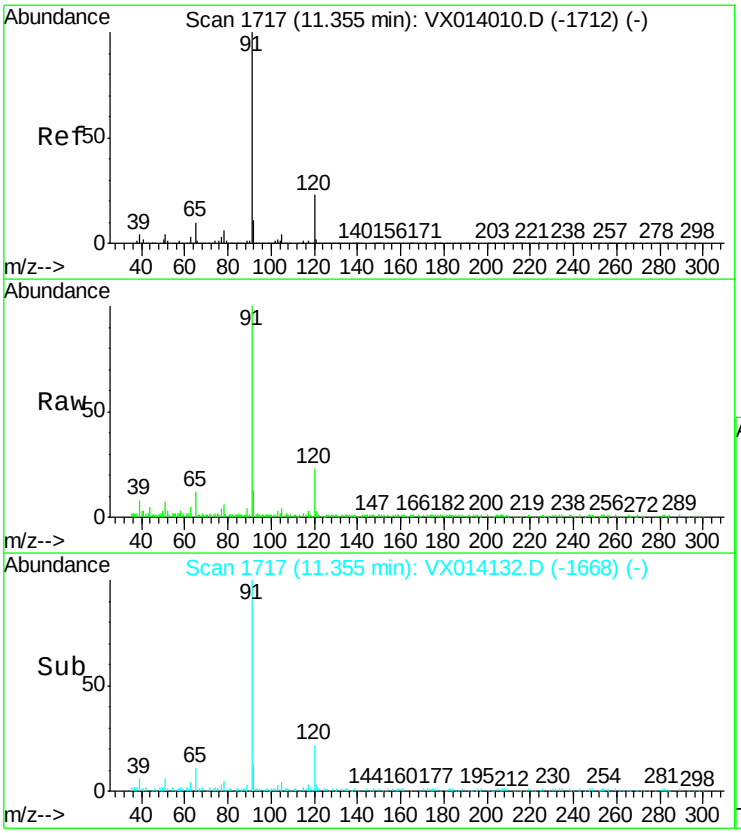
#73
Isopropylbenzene
Concen: 0.436 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX014132.D
Acq: 19 Dec 2019 19:44

Instrument : MSVOA_X
ClientSampleId : 30604

Tgt Ion:105 Resp: 10659

Ion	Ratio	Lower	Upper
105	100		
120	24.9	13.5	40.4

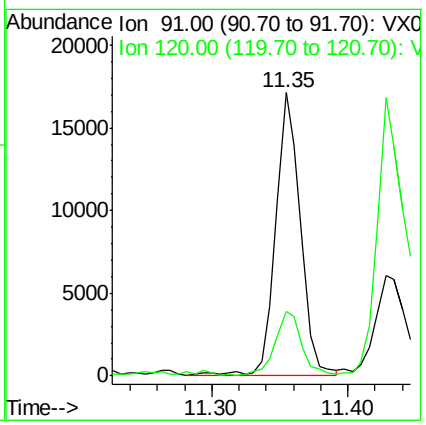


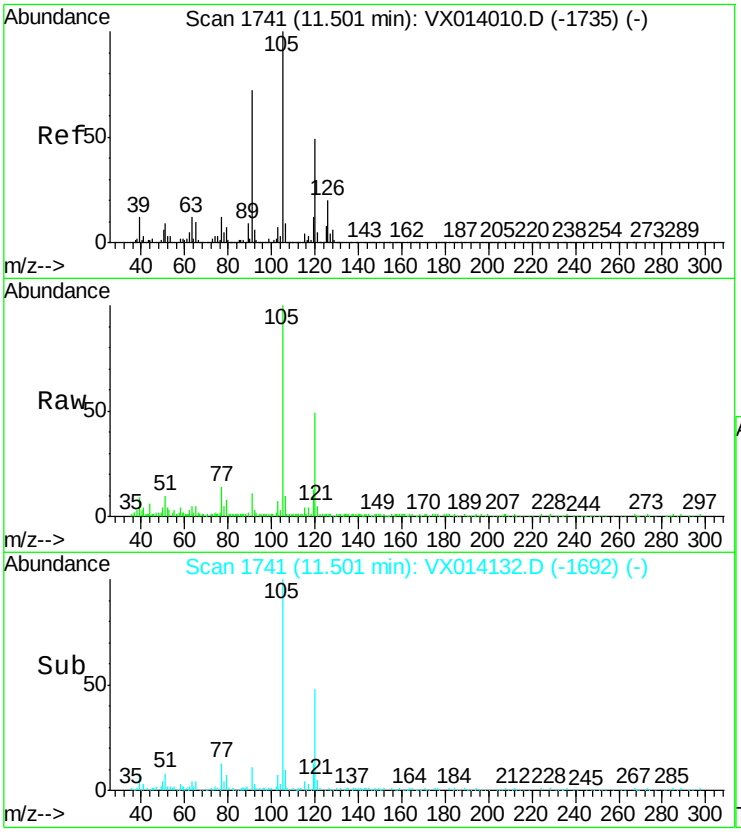


#78
n-propylbenzene
Concen: 0.796 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VX014132.D
Acq: 19 Dec 2019 19:44

Tgt Ion: 91 Resp: 21839

Ion	Ratio	Lower	Upper
91	100		
120	24.5	11.7	35.0



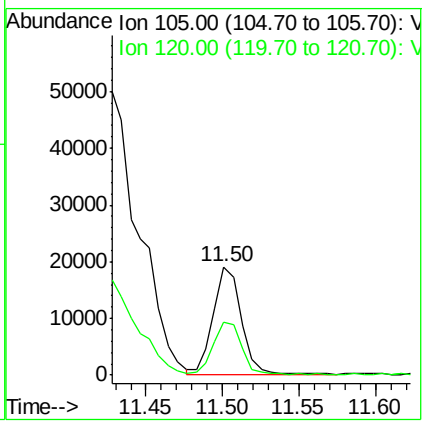


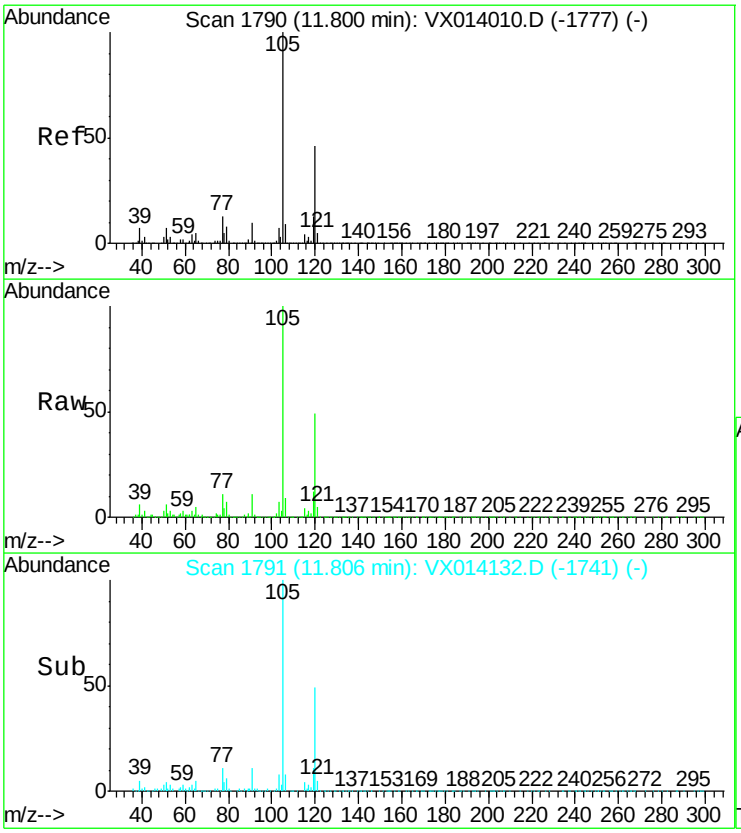
#80
1,3,5-Trimethylbenzene
Concen: 1.159 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX014132.D
Acq: 19 Dec 2019 19:44

Instrument :
MSVOA_X
ClientSampleId :
30604

Tgt Ion:105 Resp: 23844

Ion	Ratio	Lower	Upper
105	100		
120	49.0	25.3	75.8

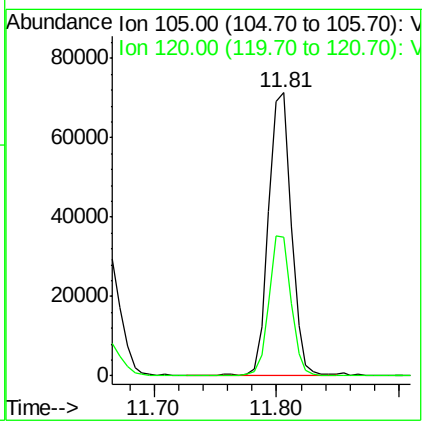


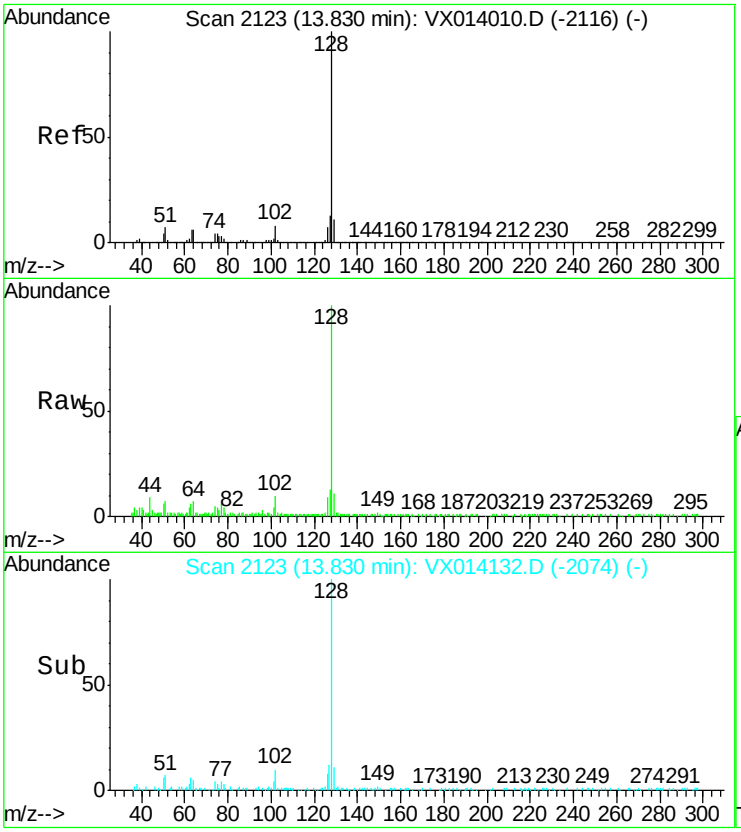


#84
1,2,4-Trimethylbenzene
Concen: 4.448 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.01 min
Lab File: VX014132.D
Acq: 19 Dec 2019 19:44

Tgt Ion:105 Resp: 91653

Ion	Ratio	Lower	Upper
105	100		
120	47.9	23.1	69.2





#95
Naphthalene
Concen: 0.715 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014132.D
Acq: 19 Dec 2019 19:44

Instrument :
MSVOA_X
ClientSampleId :
30604

Tgt Ion:128 Resp: 16201

Ion	Ratio	Lower	Upper
128	100		
127	17.0	10.2	15.4#
129	11.8	8.7	13.1