Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX040720\
Data File : VX015540.D
Acq On : 07 Apr 2020 15:56
Operator : JC/SP
Sample : L2140-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 002-35TH-AVE-(APR)

Quant Time: Apr 08 03:31:52 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X032520W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Mar 26 02:31:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	182892	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.84	114	1039783	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	949819	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.04	65	459197	32.13	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 107.10%			
60) 4-Bromofluorobenzene	11.12	95	494778	30.44	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 101.47%			
63) Toluene-d8	8.70	98	1214000	30.08	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 100.27%			
Target Compounds						Qvalue
15) Acetone	2.42	58	1310176	825.911	ug/l	91
16) Carbon Disulfide	2.56	76	24098	0.828	ug/l	100
25) Chloroform	5.18	83	26381	1.297	ug/l	94
30) 2-Butanone	4.65	43	109343	11.676	ug/l	99
58) 4-Methyl-2-Pentanone	8.62	43	79460	4.371	ug/l	99
62) Toluene	8.77	91	167382	3.479	ug/l	99
66) Ethyl Benzene	10.24	91	29992	0.546	ug/l	92
67) m/p-Xylenes	10.34	106	48638	2.338	ug/l	96
68) o-Xylene	10.68	106	17699	0.870	ug/l	99

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

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX040720\
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MSVOA_X
ClientSampleId :
002-35TH-AVE-(APR)

Quant Time: Apr 08 03:31:52 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X032520W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Mar 26 02:31:53 2020
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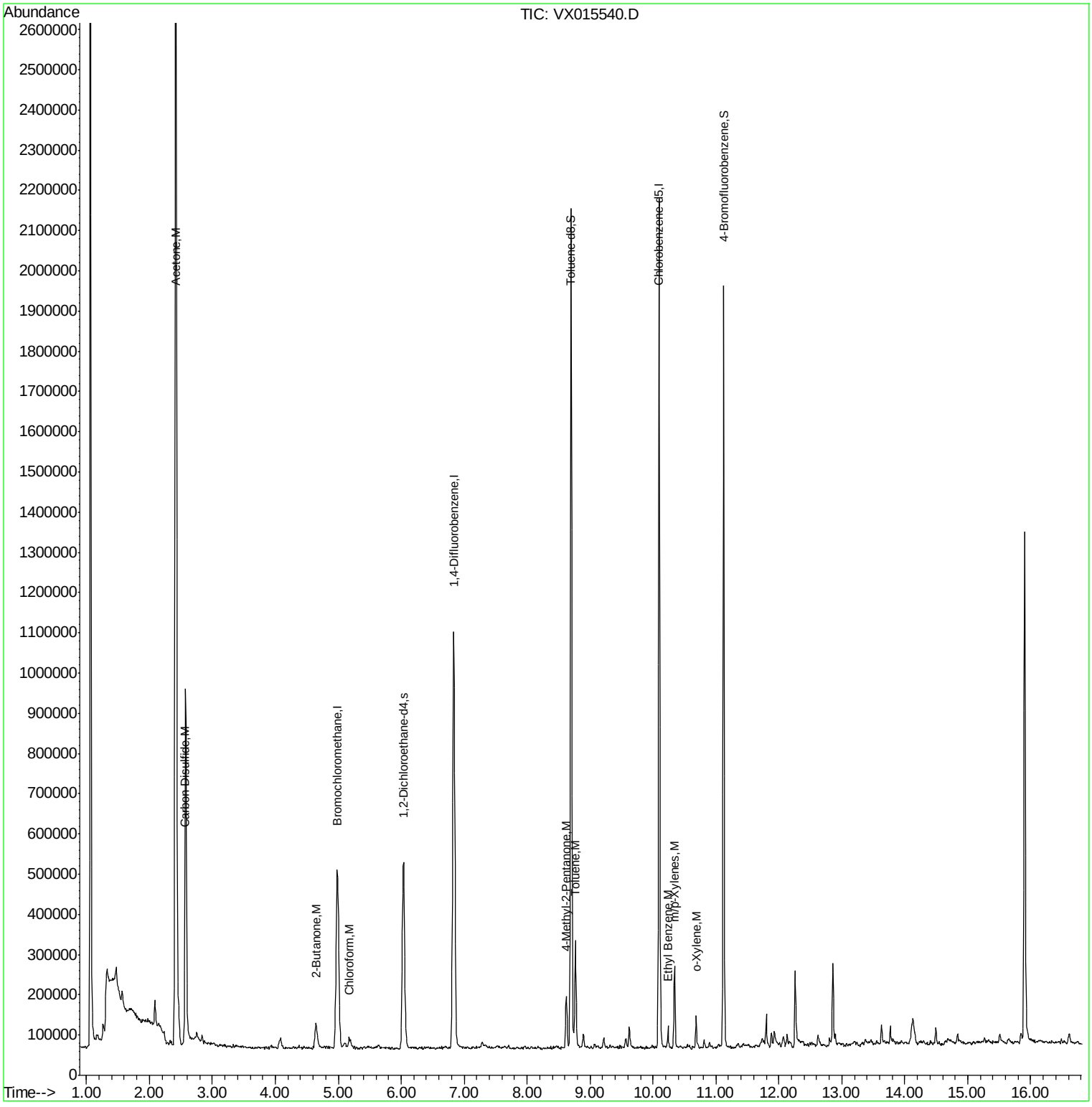
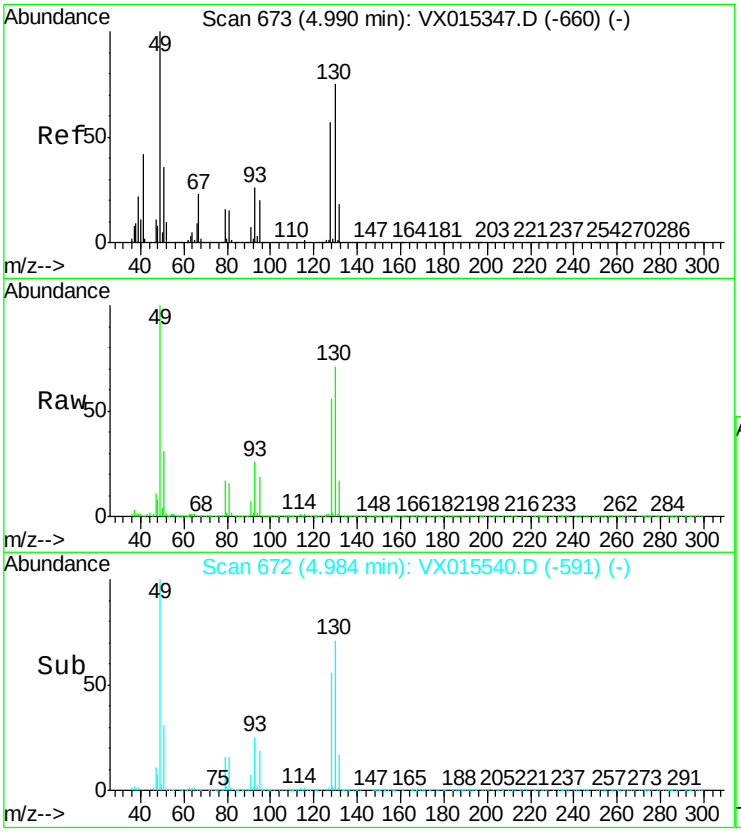


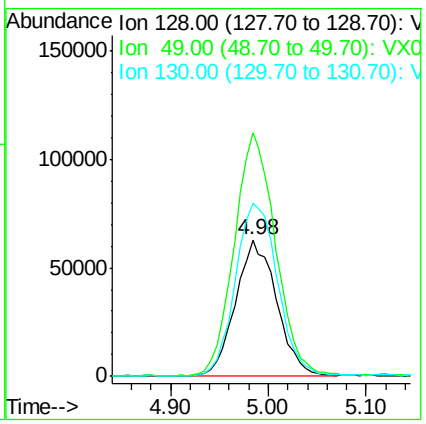


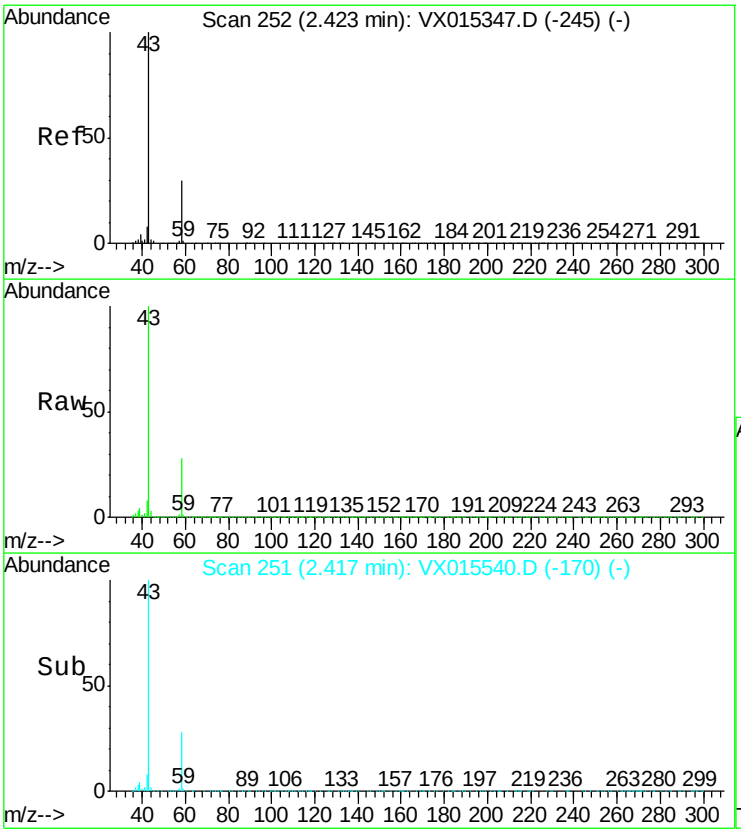
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.98 min Scan# 672
Delta R.T. -0.01 min
Lab File: VX015540.D
Acq: 07 Apr 2020 15:56

Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE-(APR)

Tgt Ion:128 Resp: 182892

Ion	Ratio	Lower	Upper
128	100		
49	179.1	0.0	428.0
130	131.9	0.0	324.5

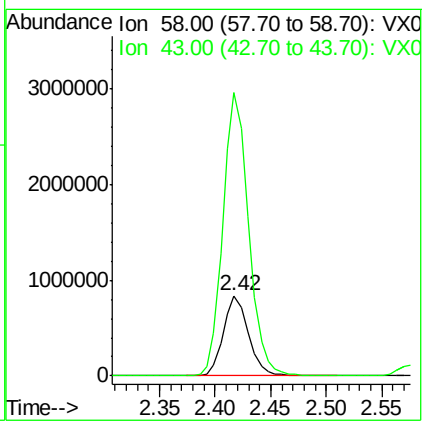


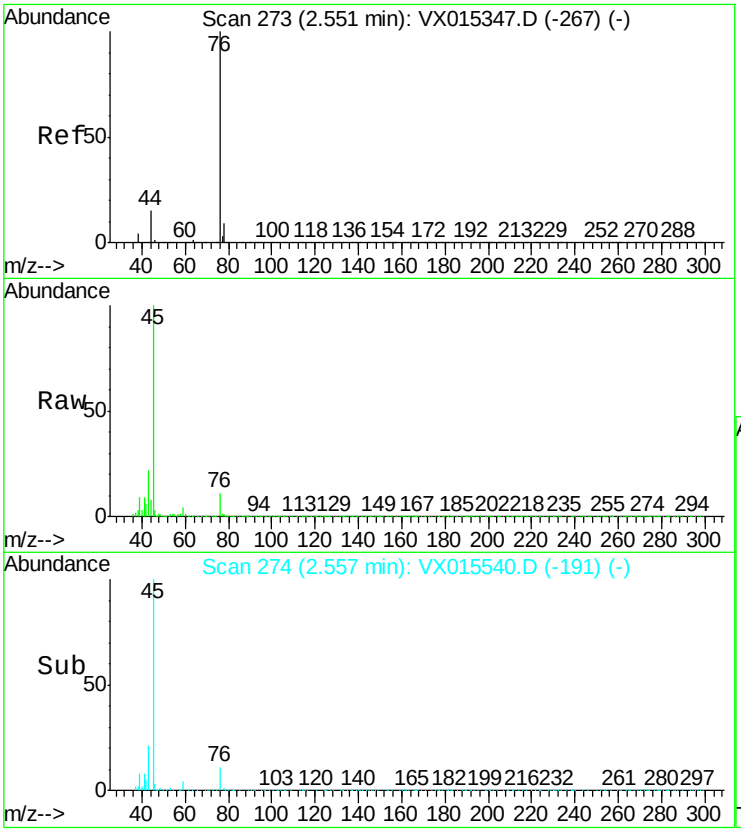


#15
Acetone
Concen: 825.911 ug/l
RT: 2.42 min Scan# 251
Delta R.T. -0.01 min
Lab File: VX015540.D
Acq: 07 Apr 2020 15:56

Tgt Ion: 58 Resp: 1310176

Ion	Ratio	Lower	Upper
58	100		
43	354.3	267.8	401.8



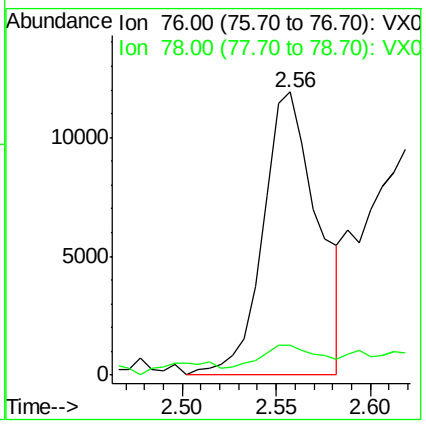


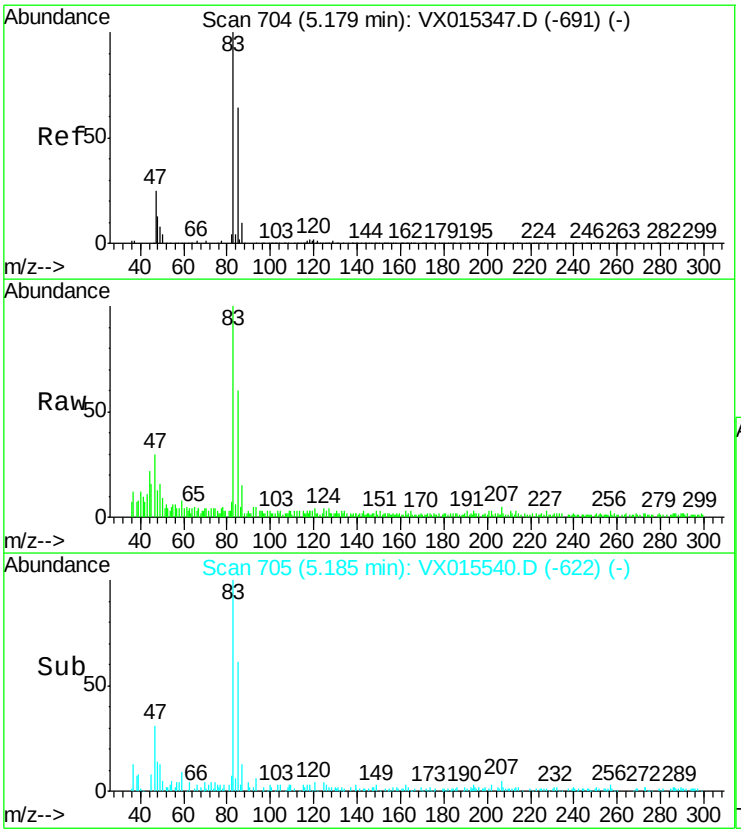
#16
Carbon Disulfide
Concen: 0.828 ug/l
RT: 2.56 min Scan# 274
Delta R.T. 0.01 min
Lab File: VX015540.D
Acq: 07 Apr 2020 15:56

Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE-(APR)

Tgt Ion: 76 Resp: 24098

Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.4	11.2

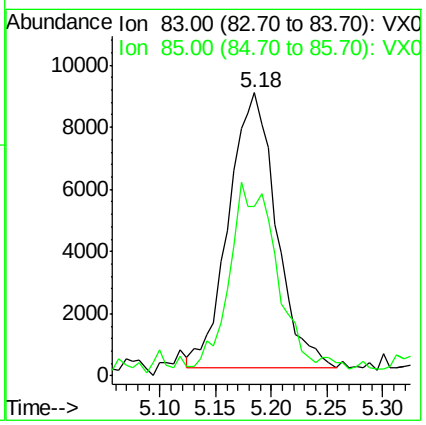


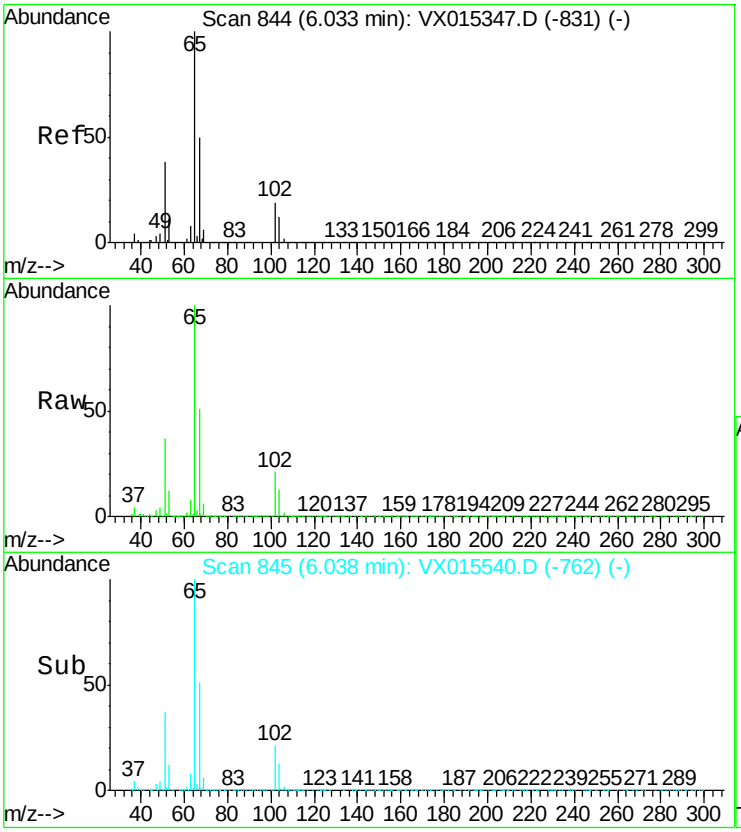


#25
Chloroform
Concen: 1.297 ug/l
RT: 5.18 min Scan# 705
Delta R.T. 0.01 min
Lab File: VX015540.D
Acq: 07 Apr 2020 15:56

Tgt Ion: 83 Resp: 26381

Ion	Ratio	Lower	Upper
83	100		
85	58.1	50.5	75.7



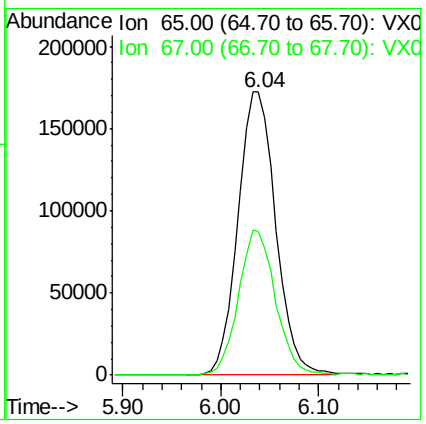


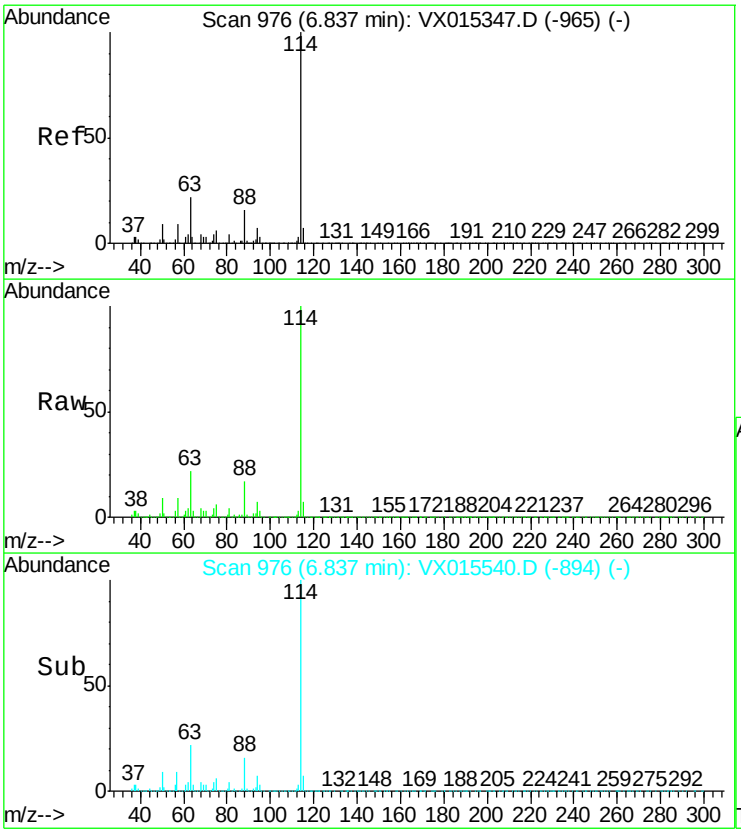
#27
1,2-Dichloroethane-d4
Concen: 32.130 ug/l
RT: 6.04 min Scan# 845
Delta R.T. 0.01 min
Lab File: VX015540.D
Acq: 07 Apr 2020 15:56

Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE-(APR)

Tgt Ion: 65 Resp: 459197

Ion	Ratio	Lower	Upper
65	100		
67	49.7	40.9	61.3

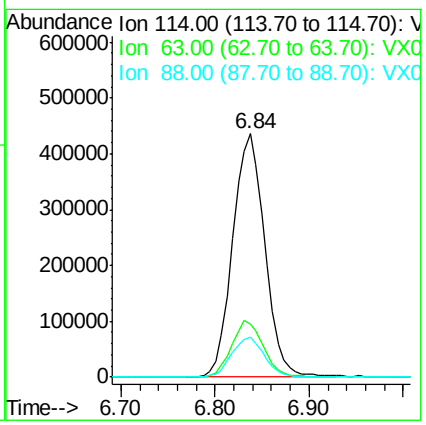


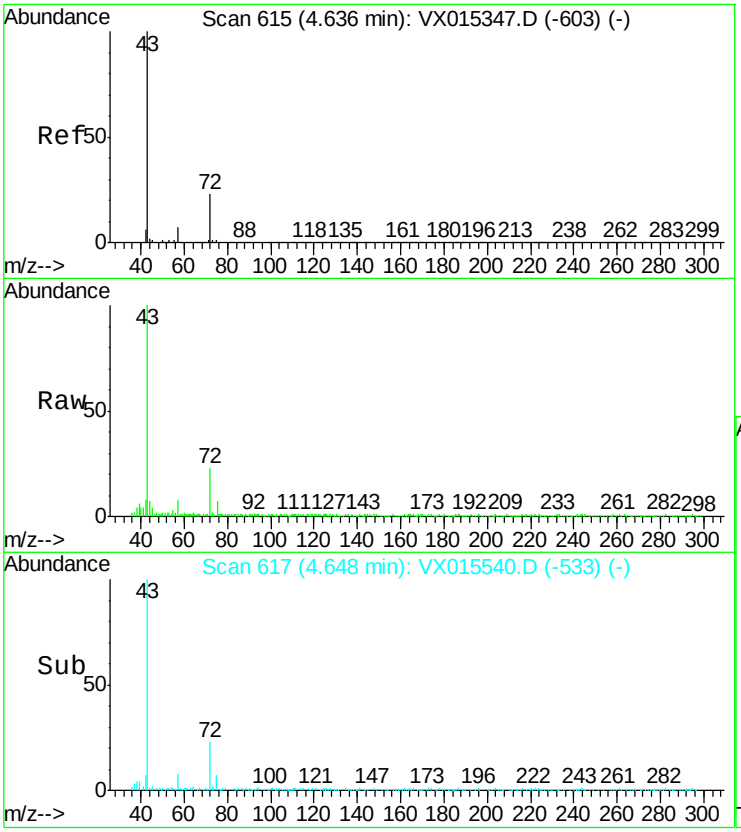


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.84 min Scan# 976
Delta R.T. -0.00 min
Lab File: VX015540.D
Acq: 07 Apr 2020 15:56

Tgt Ion:114 Resp: 1039783

Ion	Ratio	Lower	Upper
114	100		
63	22.7	17.4	26.2
88	16.7	12.9	19.3



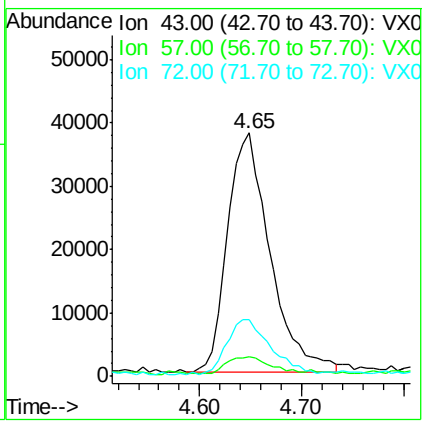


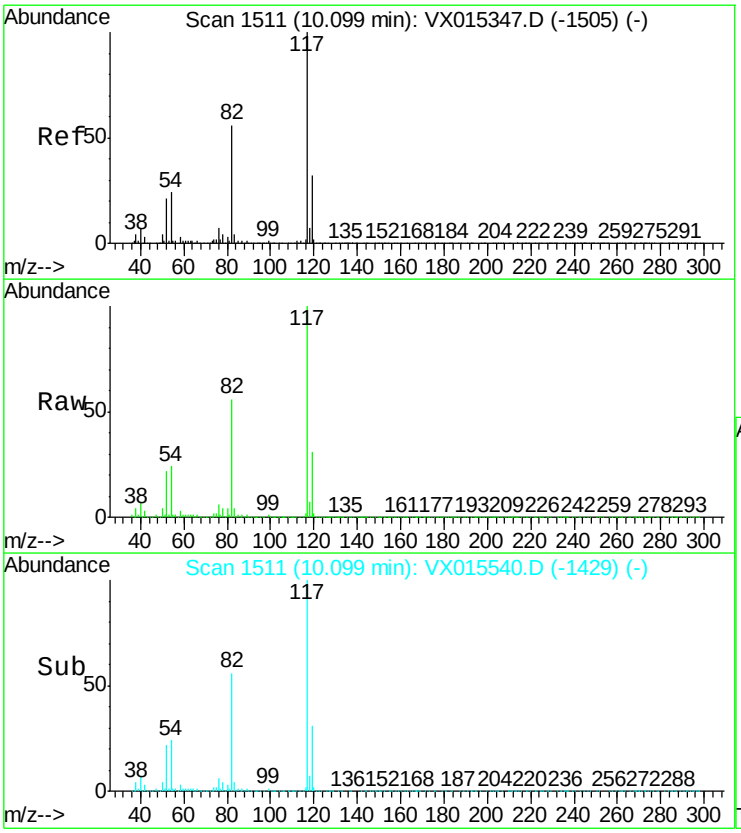
#30
2-Butanone
Concen: 11.676 ug/l
RT: 4.65 min Scan# 617
Delta R.T. 0.01 min
Lab File: VX015540.D
Acq: 07 Apr 2020 15:56

Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE-(APR)

Tgt Ion: 43 Resp: 109343

Ion	Ratio	Lower	Upper
43	100		
57	7.2	5.9	8.9
72	23.6	18.6	27.8

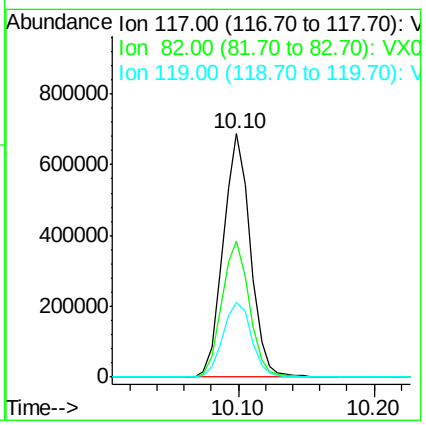


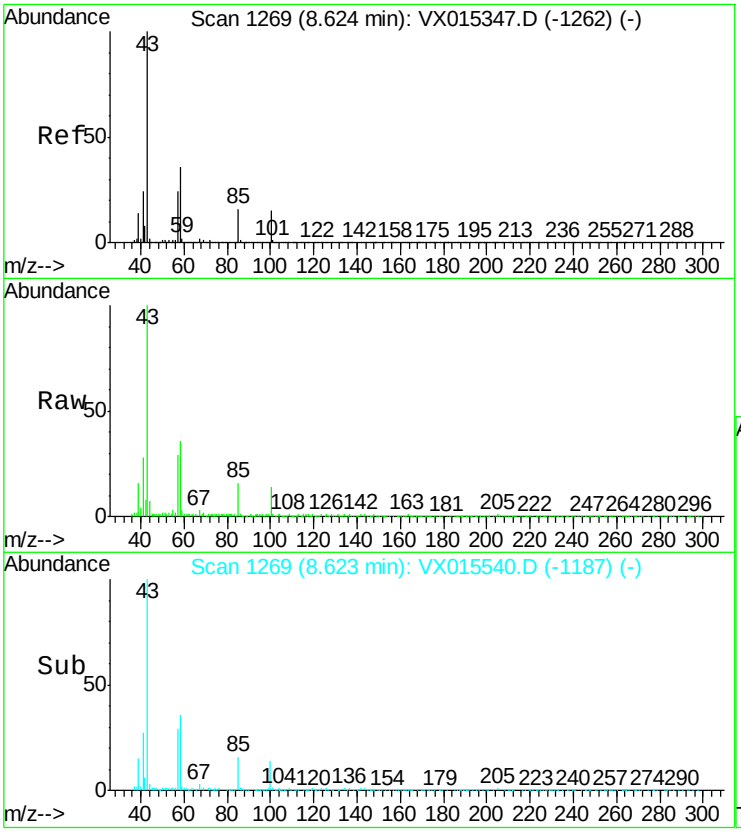


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015540.D
Acq: 07 Apr 2020 15:56

Tgt Ion:117 Resp: 949819

Ion	Ratio	Lower	Upper
117	100		
82	56.4	45.0	67.6
119	32.5	25.5	38.3



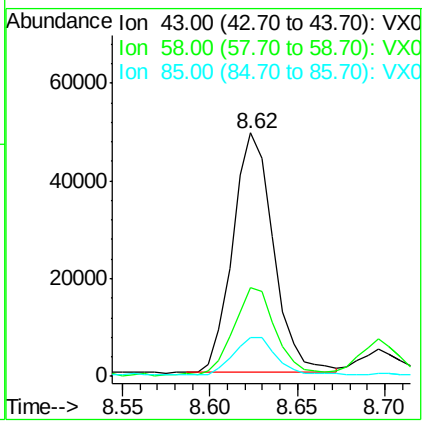


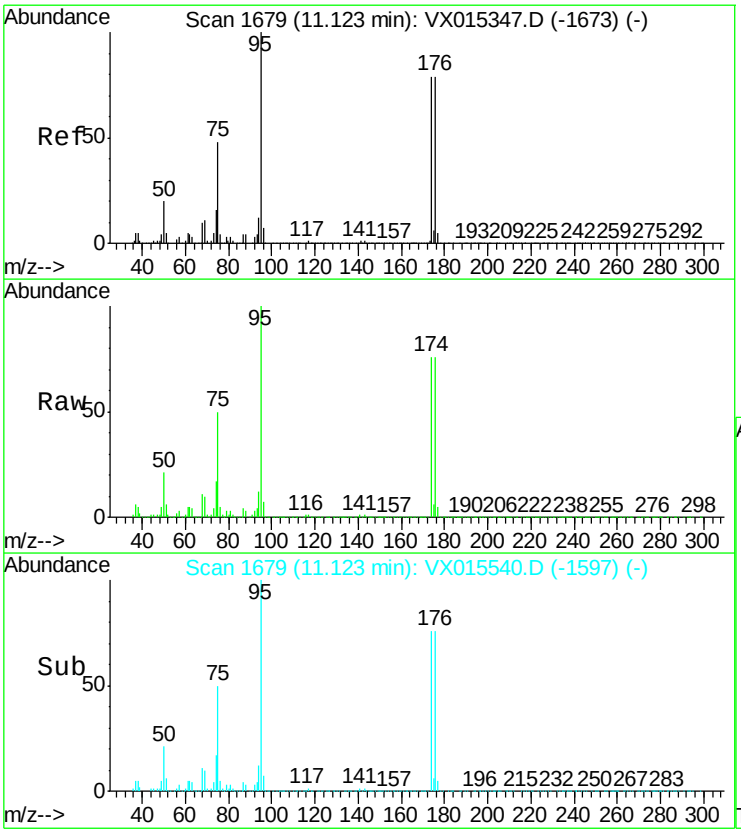
#58
4-Methyl-2-Pentanone
Concen: 4.371 ug/l
RT: 8.62 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VX015540.D
Acq: 07 Apr 2020 15:56

Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE-(APR)

Tgt Ion: 43 Resp: 79460

Ion	Ratio	Lower	Upper
43	100		
58	37.3	29.4	44.0
85	16.5	13.0	19.4

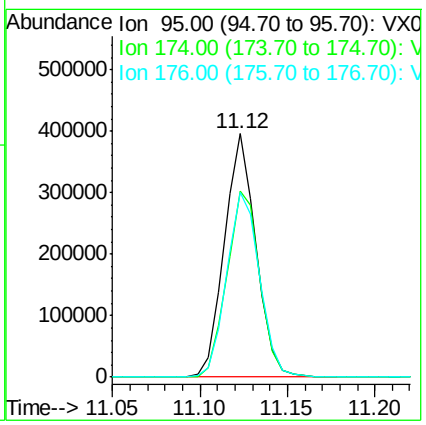


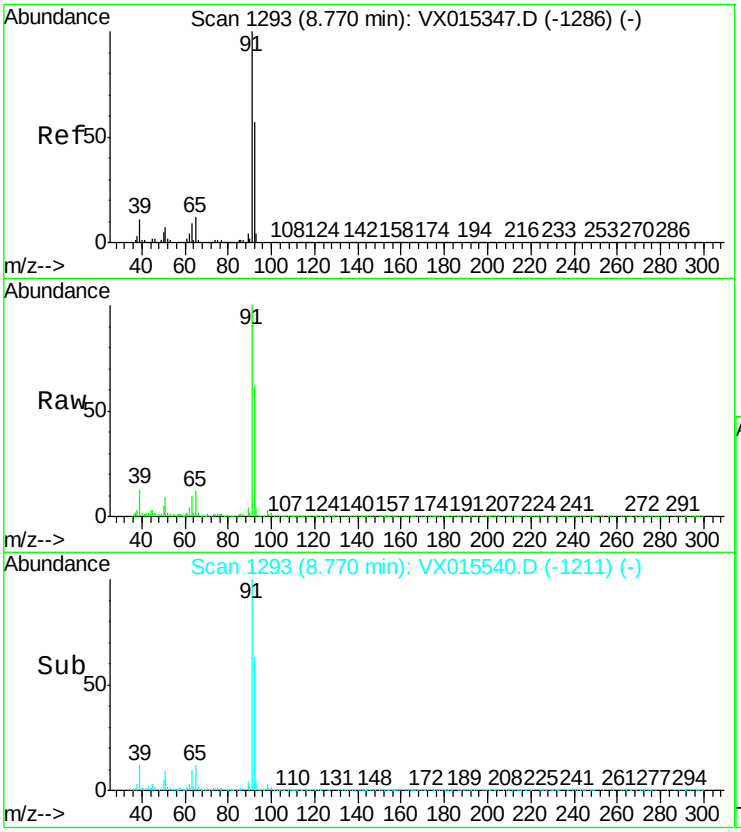


#60
4-Bromofluorobenzene
Concen: 30.439 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. -0.00 min
Lab File: VX015540.D
Acq: 07 Apr 2020 15:56

Tgt Ion: 95 Resp: 494778

Ion	Ratio	Lower	Upper
95	100		
174	79.8	66.4	99.6
176	78.9	64.1	96.1



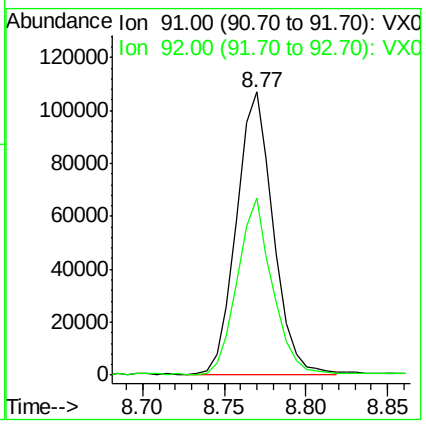


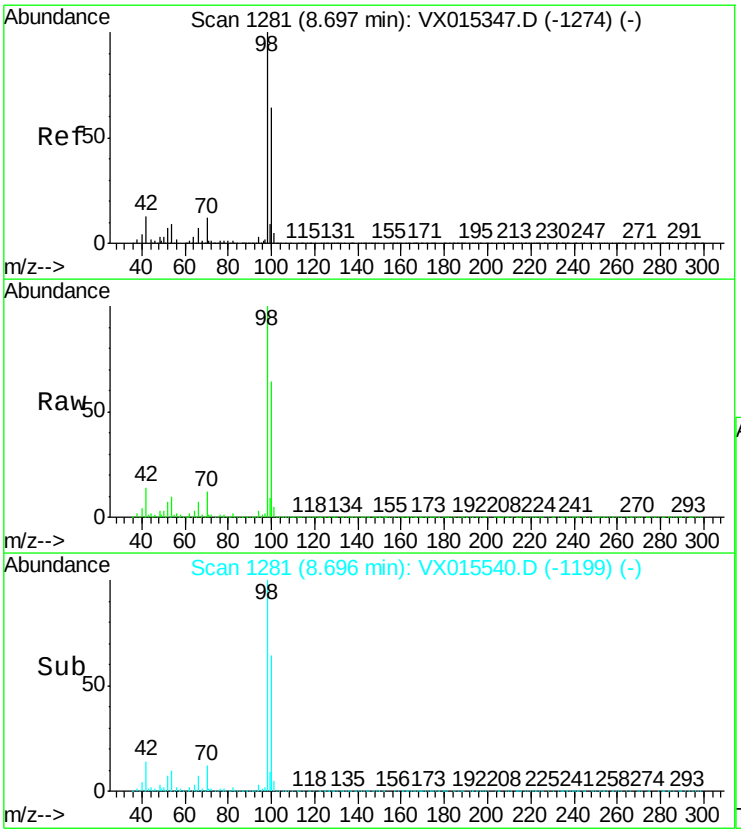
#62
Toluene
Concen: 3.479 ug/l
RT: 8.77 min Scan# 1293
Delta R.T. -0.00 min
Lab File: VX015540.D
Acq: 07 Apr 2020 15:56

Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE-(APR)

Tgt Ion: 91 Resp: 167382

Ion	Ratio	Lower	Upper
91	100		
92	59.5	46.7	70.1

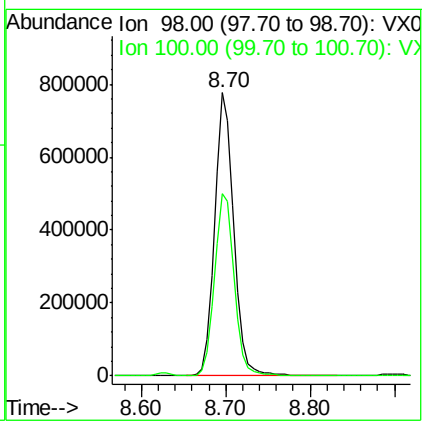


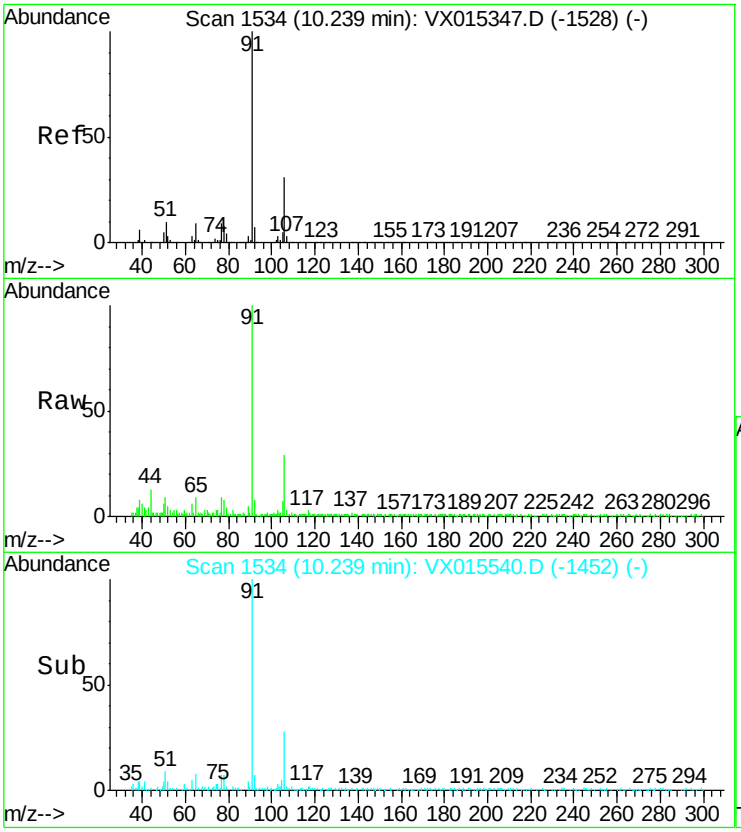


#63
Toluene-d8
Concen: 30.084 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. -0.00 min
Lab File: VX015540.D
Acq: 07 Apr 2020 15:56

Tgt Ion: 98 Resp: 1214000

Ion	Ratio	Lower	Upper
98	100		
100	66.5	52.2	78.2



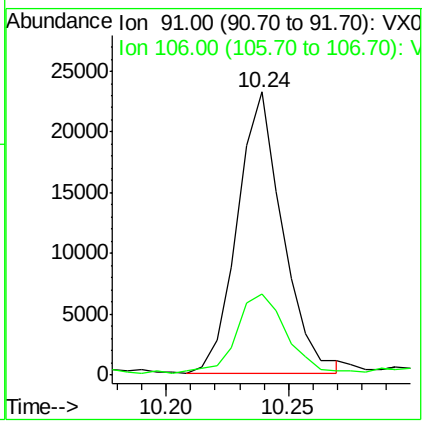


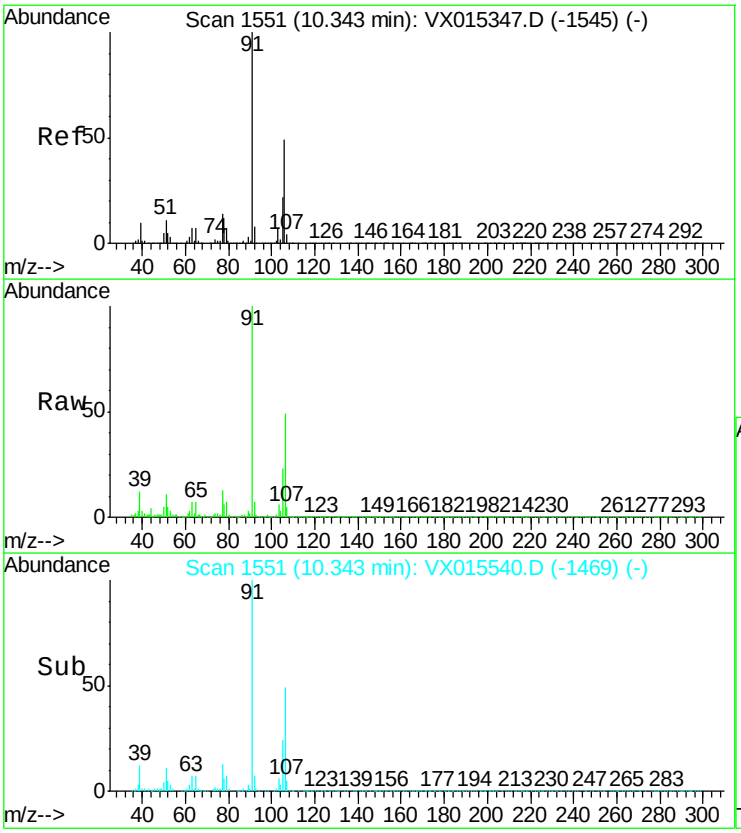
#66
Ethyl Benzene
Concen: 0.546 ug/l
RT: 10.24 min Scan# 1534
Delta R.T. -0.00 min
Lab File: VX015540.D
Acq: 07 Apr 2020 15:56

Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE-(APR)

Tgt Ion: 91 Resp: 29992

Ion	Ratio	Lower	Upper
91	100		
106	27.1	25.0	37.6

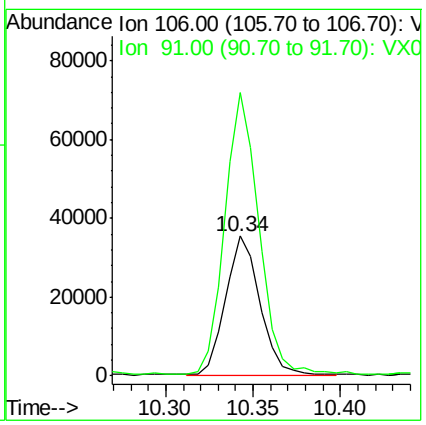


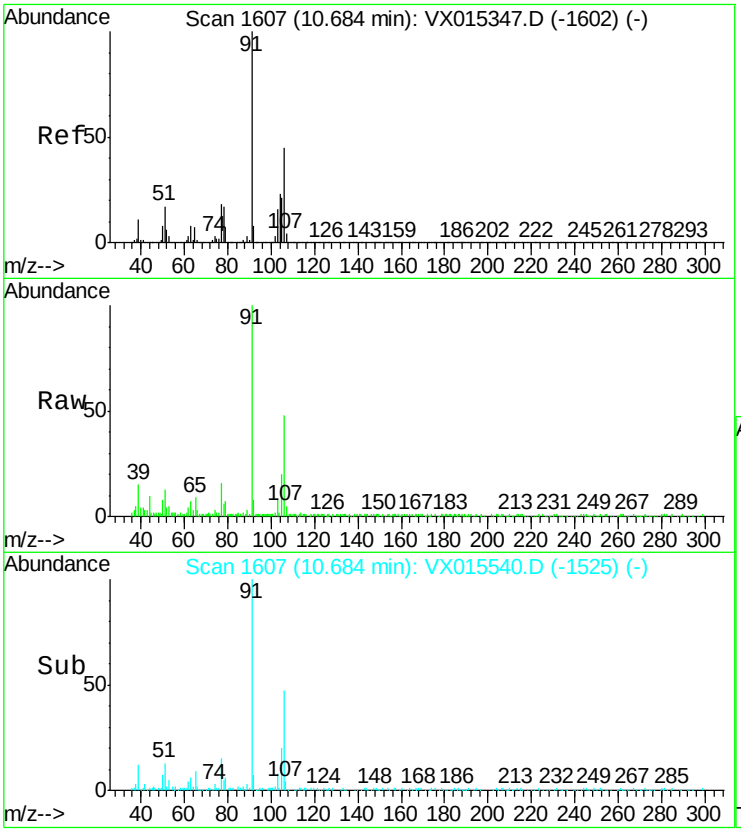


#67
m/p-Xylenes
Concen: 2.338 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. -0.00 min
Lab File: VX015540.D
Acq: 07 Apr 2020 15:56

Tgt Ion:106 Resp: 48638

Ion	Ratio	Lower	Upper
106	100		
91	200.4	165.0	247.4





#68
o-Xylene
Concen: 0.870 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. -0.00 min
Lab File: VX015540.D
Acq: 07 Apr 2020 15:56

Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE-(APR)

Tgt Ion:106 Resp: 17699

Ion	Ratio	Lower	Upper
106	100		
91	216.3	109.1	327.2