Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX102119\
Data File : VX013165.D
Acq On : 21 Oct 2019 20:23
Operator : JC/SP
Sample : K5425-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : OF-1

Quant Time: Oct 22 02:00:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X102119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Oct 22 01:53:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	25623	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	145571	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	127800	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.05	65	61157	30.32	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 101.07%			
60) 4-Bromofluorobenzene	11.14	95	62322	28.00	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 93.33%			
63) Toluene-d8	8.71	98	173978	30.61	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 102.03%			
Target Compounds						Qvalue
5) Bromomethane	1.64	94	212	0.237	ug/l #	77
13) Acrolein	2.28	56	240	0.794	ug/l #	66
15) Acetone	2.44	58	3042	10.877	ug/l	96
23) tert-Butyl Alcohol	3.04	59	125	0.279	ug/l #	100
30) 2-Butanone	4.67	43	948	0.799	ug/l #	74
51) Ethyl methacrylate	8.72	69	546	0.207	ug/l	98
58) 4-Methyl-2-Pentanone	8.64	43	3167	1.471	ug/l	95
77) t-1,4-Dichloro-2-butene	11.13	75	30846	37.761	ug/l #	9

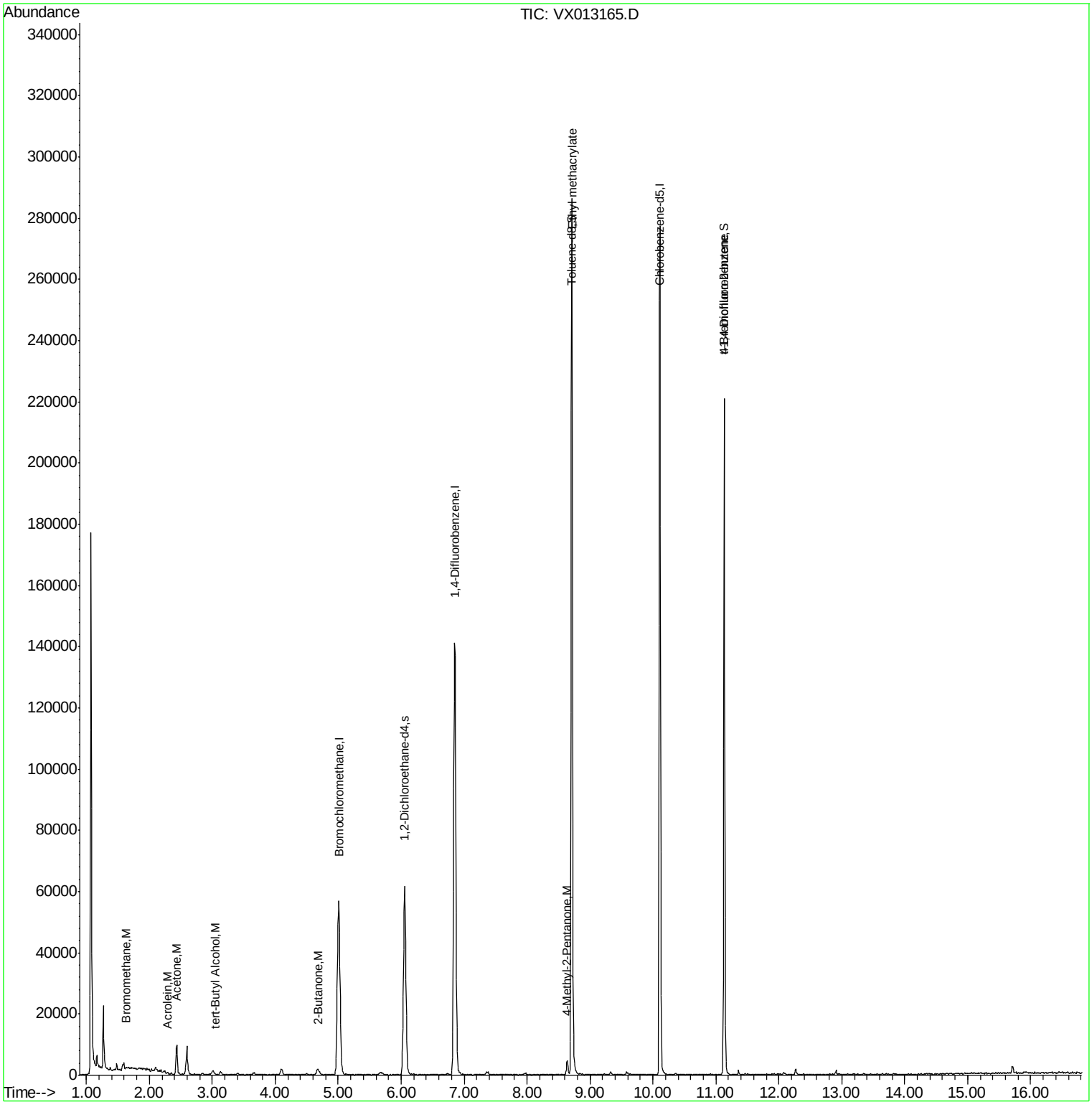
(#) = qualifier out of range (m) = manual integration (+) = signals summed

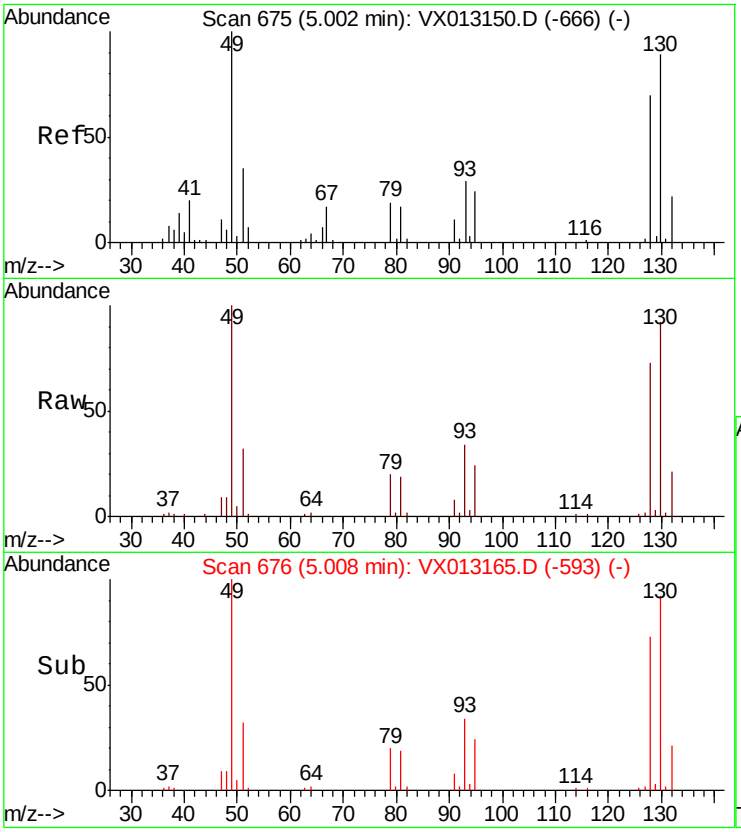
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX102119\
Data File : VX013165.D
Acq On : 21 Oct 2019 20:23
Operator : JC/SP
Sample : K5425-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
OF-1

Quant Time: Oct 22 02:00:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X102119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Oct 22 01:53:07 2019
Response via : Initial Calibration



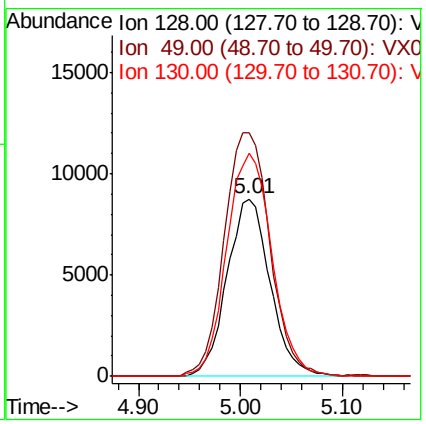


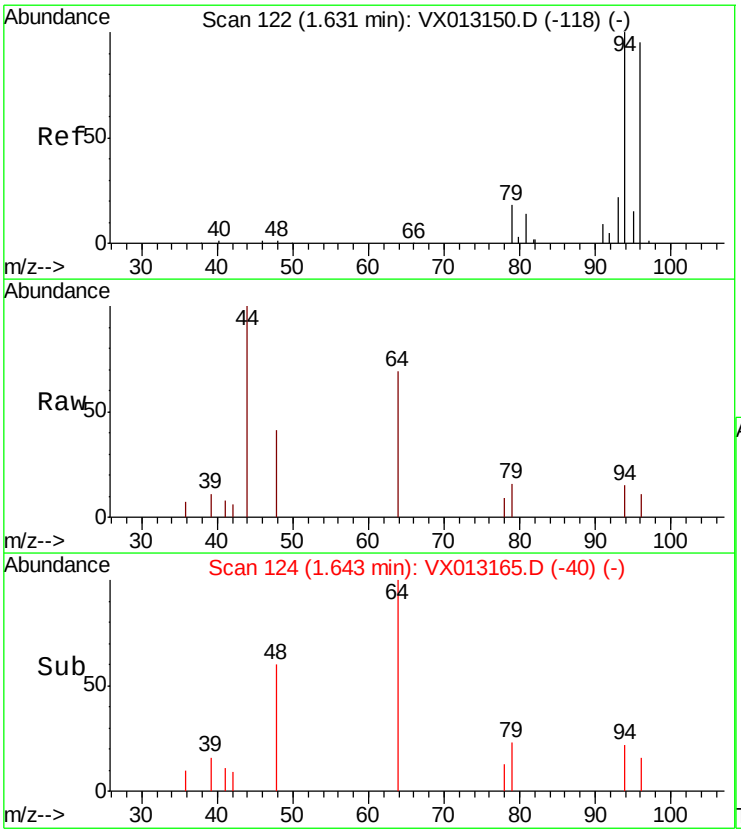
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX013165.D
Acq: 21 Oct 2019 20:23

Instrument :
MSVOA_X
ClientSampleId :
OF-1

Tgt Ion:128 Resp: 25623

Ion	Ratio	Lower	Upper
128	100		
49	146.6	0.0	367.3
130	132.6	0.0	325.0

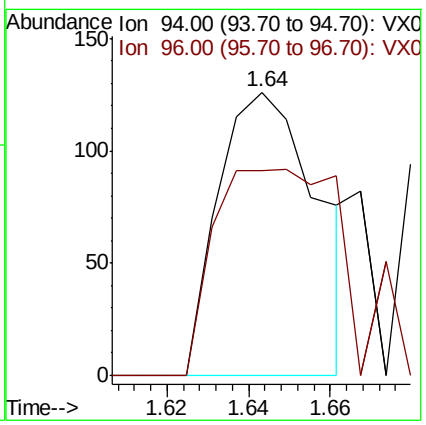


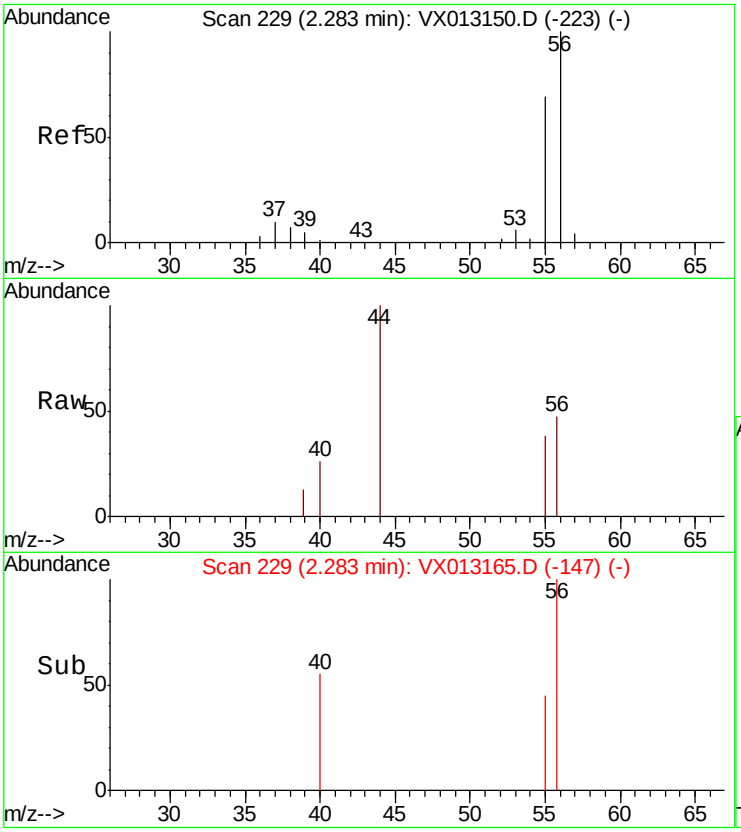


#5
Bromomethane
Concen: 0.237 ug/l
RT: 1.64 min Scan# 124
Delta R.T. 0.01 min
Lab File: VX013165.D
Acq: 21 Oct 2019 20:23

Tgt Ion: 94 Resp: 212

Ion	Ratio	Lower	Upper
94	100		
96	72.2	75.9	113.9#



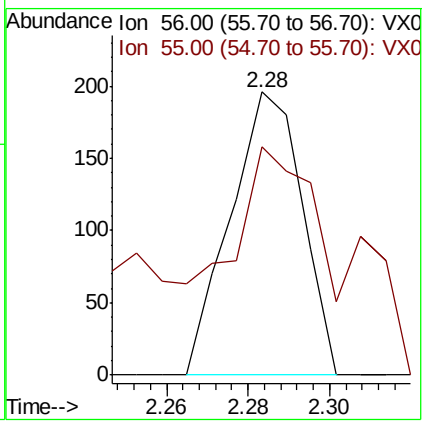


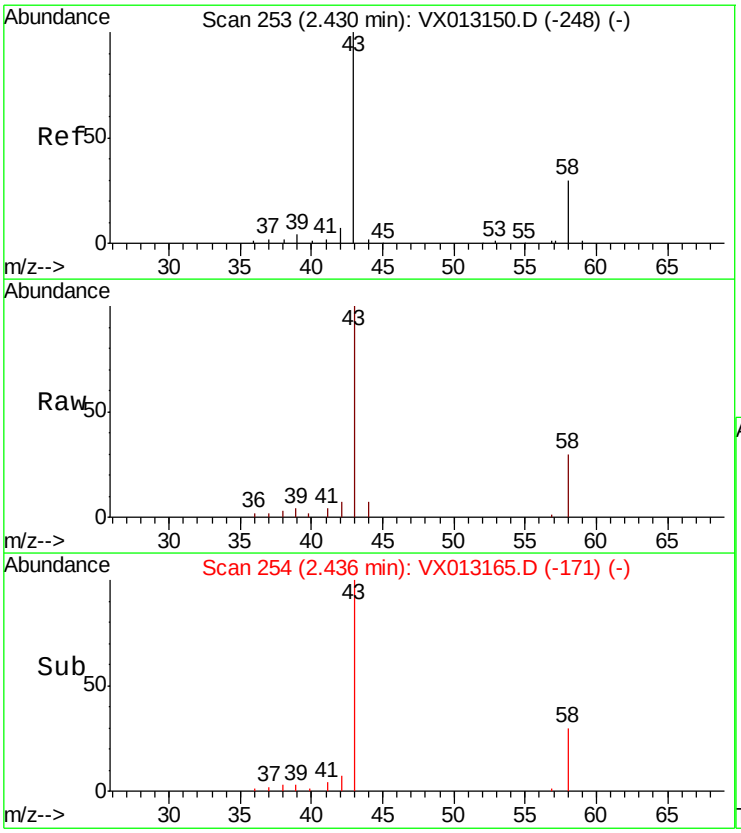
#13
Acrolein
Concen: 0.794 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.00 min
Lab File: VX013165.D
Acq: 21 Oct 2019 20:23

Instrument :
MSVOA_X
ClientSampleId :
OF-1

Tgt Ion: 56 Resp: 240

Ion	Ratio	Lower	Upper
56	100		
55	97.5	55.8	83.8#

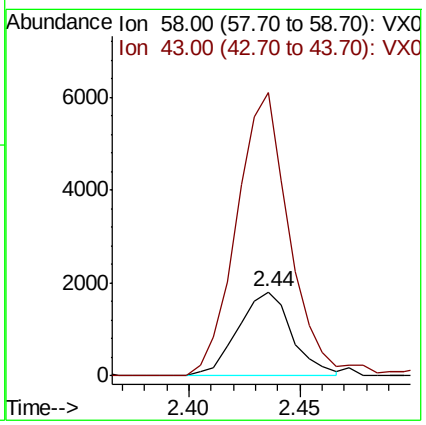


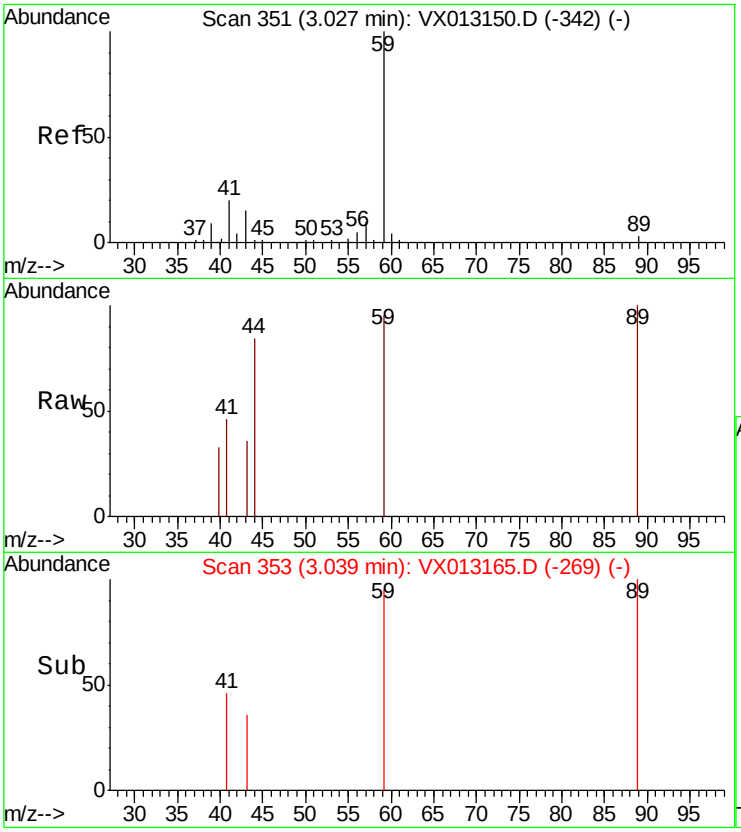


#15
Acetone
Concen: 10.877 ug/l
RT: 2.44 min Scan# 254
Delta R.T. 0.01 min
Lab File: VX013165.D
Acq: 21 Oct 2019 20:23

Tgt Ion: 58 Resp: 3042

Ion	Ratio	Lower	Upper
58	100		
43	336.1	262.8	394.2



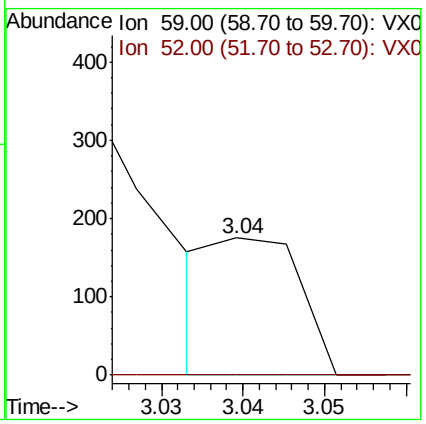


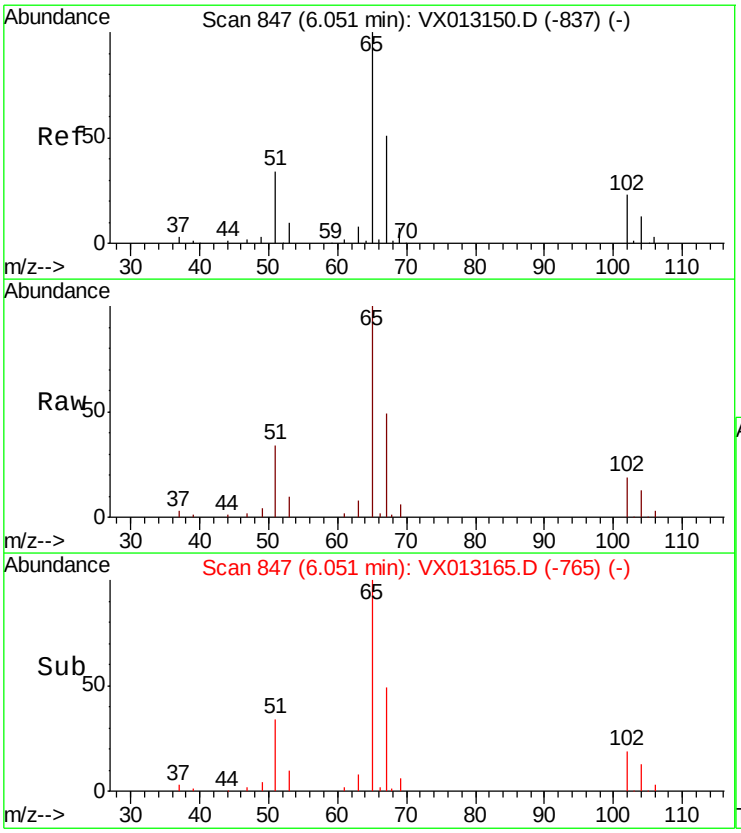
#23
tert-Butyl Alcohol
Concen: 0.279 ug/l
RT: 3.04 min Scan# 353
Delta R.T. 0.01 min
Lab File: VX013165.D
Acq: 21 Oct 2019 20:23

Instrument : MSVOA_X
ClientSampleId : OF-1

Tgt Ion: 59 Resp: 125

Ion	Ratio	Lower	Upper
59	100		
52	0.0	0.0	0.0

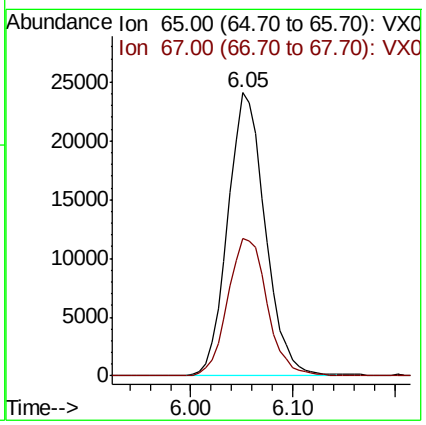


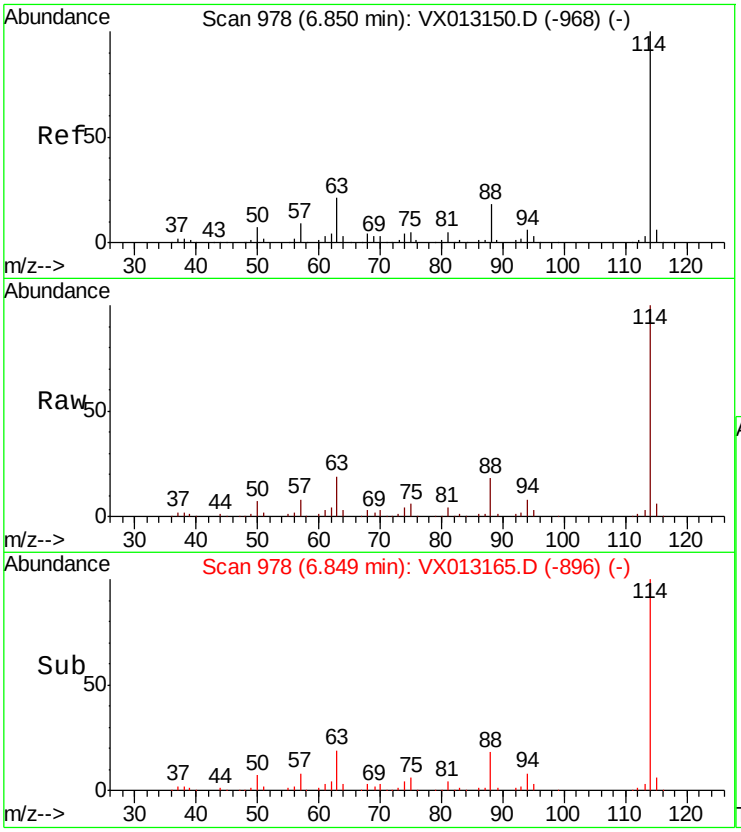


#27
1,2-Dichloroethane-d4
Concen: 30.320 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX013165.D
Acq: 21 Oct 2019 20:23

Tgt Ion: 65 Resp: 61157

Ion	Ratio	Lower	Upper
65	100		
67	51.2	42.2	63.4



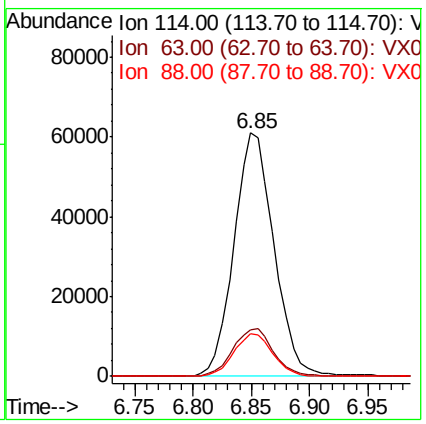


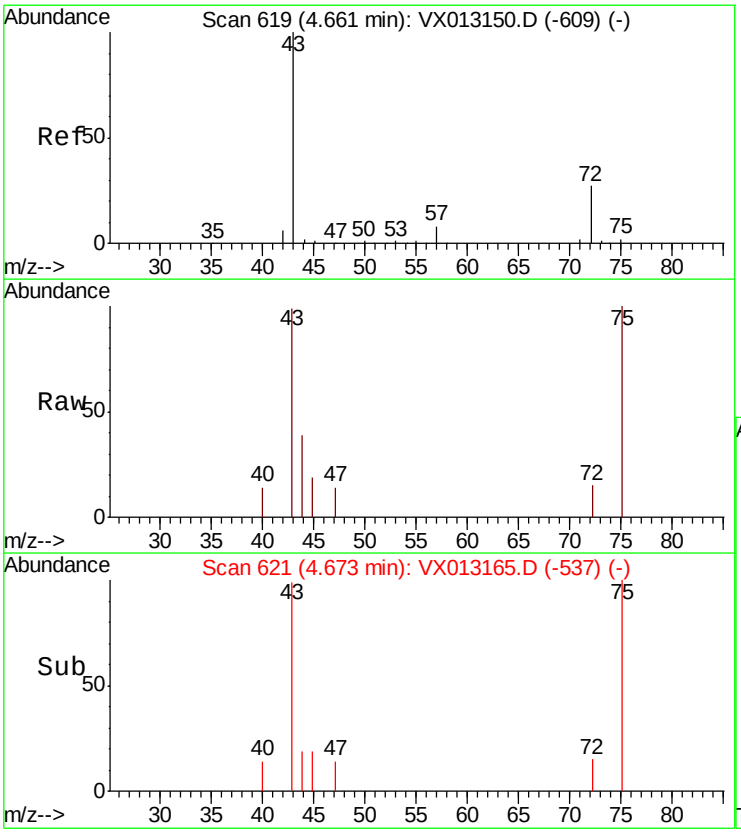
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX013165.D
Acq: 21 Oct 2019 20:23

Instrument : MSVOA_X
ClientSampleId : OF-1

Tgt Ion:114 Resp: 145571

Ion	Ratio	Lower	Upper
114	100		
63	20.0	16.1	24.1
88	17.3	13.7	20.5

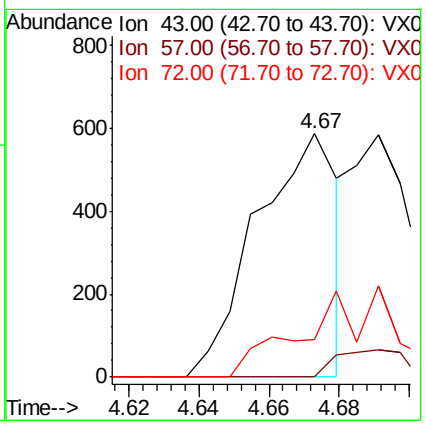


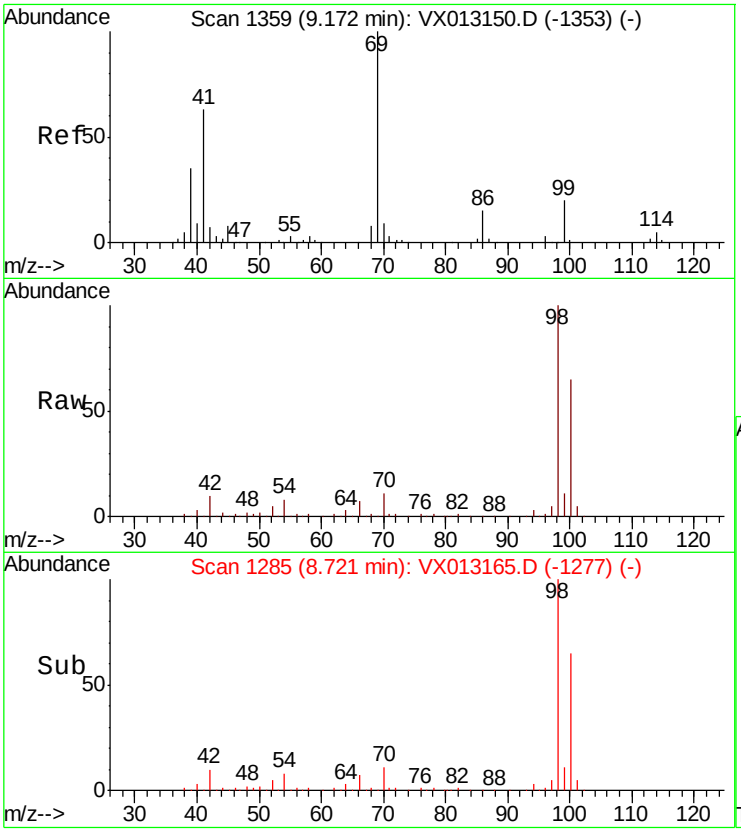


#30
2-Butanone
Concen: 0.799 ug/l
RT: 4.67 min Scan# 621
Delta R.T. 0.01 min
Lab File: VX013165.D
Acq: 21 Oct 2019 20:23

Tgt Ion: 43 Resp: 948

Ion	Ratio	Lower	Upper
43	100		
57	0.0	7.0	10.6#
72	14.8	23.4	35.2#



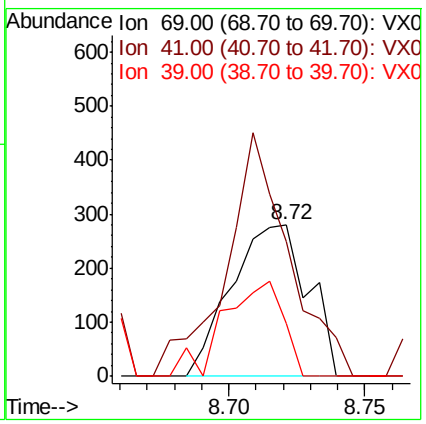


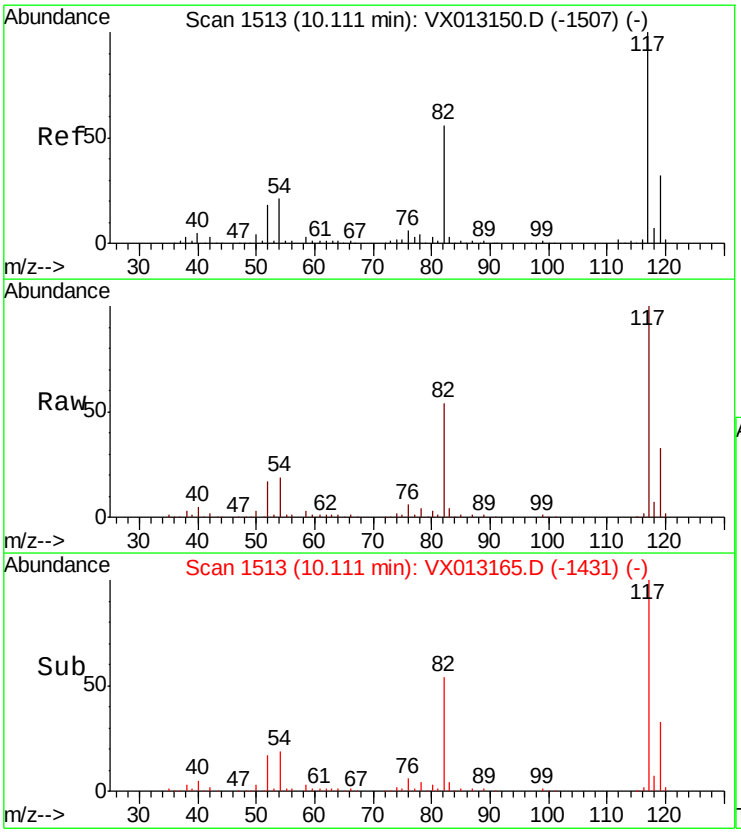
#51
Ethyl methacrylate
Concen: 0.207 ug/l
RT: 8.72 min Scan# 1285
Delta R.T. -0.45 min
Lab File: VX013165.D
Acq: 21 Oct 2019 20:23

Instrument : MSVOA_X
ClientSampleId : OF-1

Tgt Ion: 69 Resp: 546

Ion	Ratio	Lower	Upper
69	100		
41	64.8	31.6	95.0
39	34.5	17.7	53.1

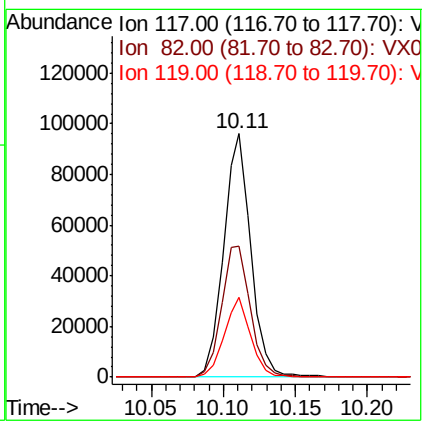


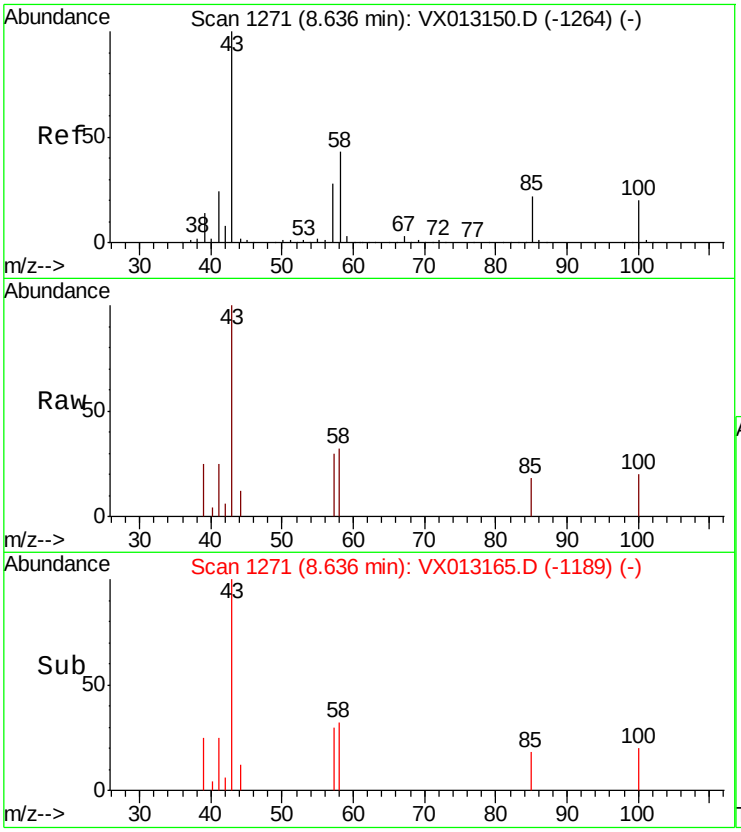


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013165.D
Acq: 21 Oct 2019 20:23

Tgt Ion:117 Resp: 127800

Ion	Ratio	Lower	Upper
117	100		
82	56.8	46.0	69.0
119	31.5	25.4	38.0



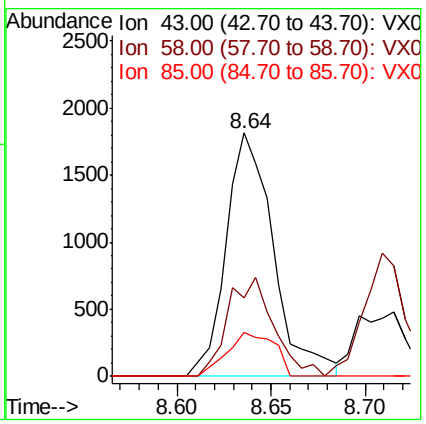


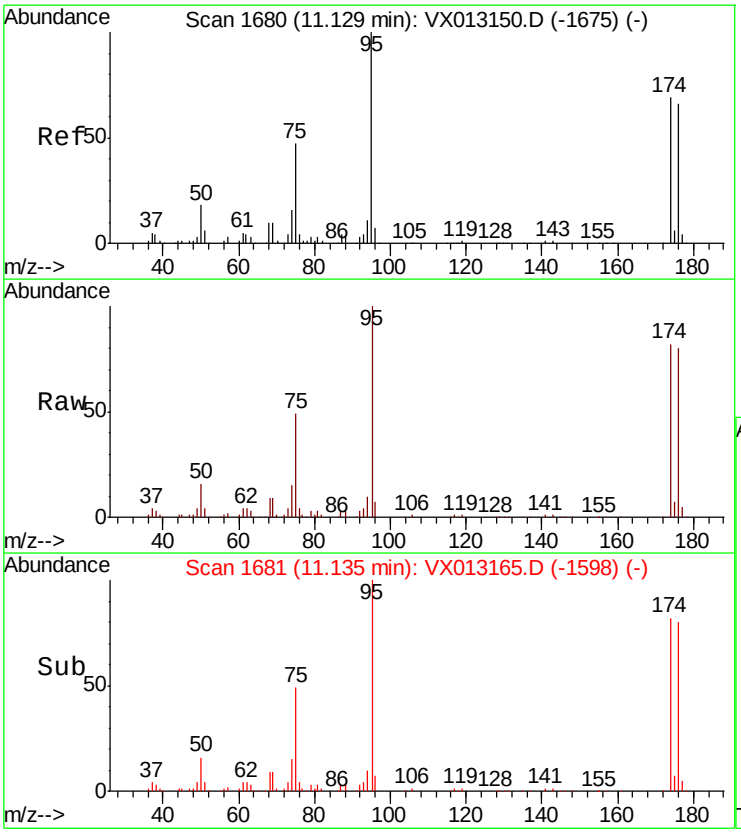
#58
4-Methyl-2-Pentanone
Concen: 1.471 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX013165.D
Acq: 21 Oct 2019 20:23

Instrument :
MSVOA_X
ClientSampleId :
OF-1

Tgt Ion: 43 Resp: 3167

Ion	Ratio	Lower	Upper
43	100		
58	39.4	33.8	50.8
85	17.8	16.8	25.2

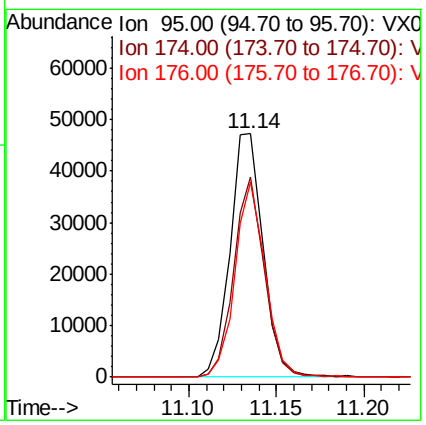


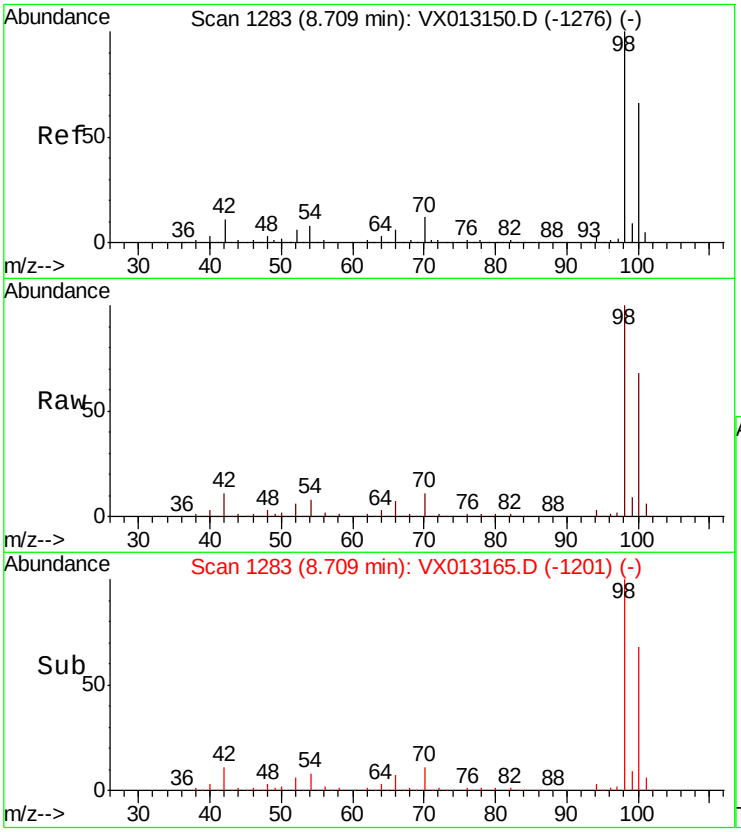


#60
4-Bromofluorobenzene
Concen: 28.005 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX013165.D
Acq: 21 Oct 2019 20:23

Tgt Ion: 95 Resp: 62322

Ion	Ratio	Lower	Upper
95	100		
174	75.4	60.0	90.0
176	73.4	58.5	87.7



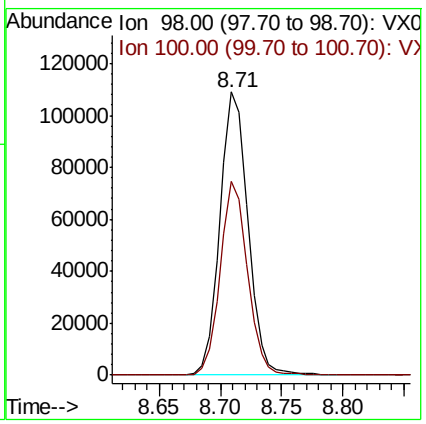


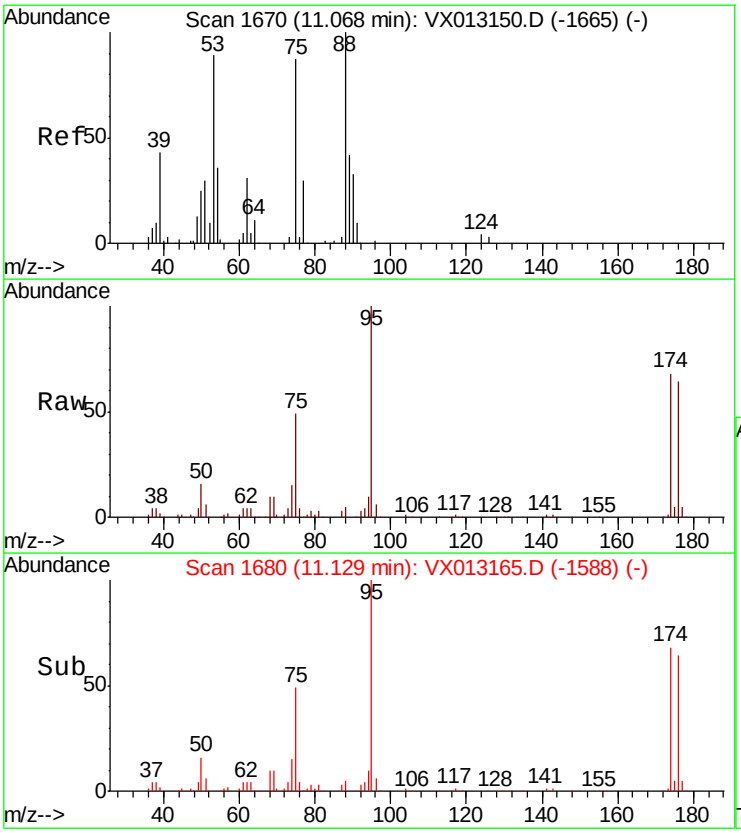
#63
Toluene-d8
Concen: 30.608 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013165.D
Acq: 21 Oct 2019 20:23

Instrument :
MSVOA_X
ClientSampleId :
OF-1

Tgt Ion: 98 Resp: 173978

Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.1	79.7





#77
t-1,4-Dichloro-2-butene
Concen: 37.761 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX013165.D
Acq: 21 Oct 2019 20:23

Tgt Ion: 75 Resp: 30846

Ion	Ratio	Lower	Upper
75	100		
53	0.0	51.1	153.4#
89	0.0	24.1	72.4#