Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX102119\
Data File : VX013155.D
Acq On : 21 Oct 2019 16:26
Operator : JC/SP
Sample : VX1021WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VX1021WBL01

Quant Time: Oct 22 01:57:20 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	5.00	128	27640	30.00	ug/l		0.00
28) 1,4-Difluorobenzene	6.85	114	155470	30.00	ug/l		0.00
57) Chlorobenzene-d5	10.11	117	135497	30.00	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	6.05	65	62797	28.86	ug/l		0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 96.20%				
60) 4-Bromofluorobenzene	11.13	95	63721	27.01	ug/l		0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 90.03%				
63) Toluene-d8	8.71	98	184063	30.54	ug/l		0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 101.80%				
Target Compounds							Qvalue
5) Bromomethane	1.65	94	447	0.463	ug/l		83
6) Chloroethane	1.82	64	291	0.255	ug/l		92
13) Acrolein	2.28	56	108	0.331	ug/l	#	15
15) Acetone	2.43	58	67	0.222	ug/l	#	1
16) Carbon Disulfide	2.56	76	1397	0.309	ug/l	#	78
18) Methylene Chloride	2.84	84	1371	0.698	ug/l	#	79
23) tert-Butyl Alcohol	3.00	59	974	2.019	ug/l	#	100
58) 4-Methyl-2-Pentanone	8.71	43	815	0.357	ug/l	#	1
77) t-1,4-Dichloro-2-butene	11.13	75	31014	35.810	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\
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ClientSampleId :
VX1021WBL01

Quant Time: Oct 22 01:57:20 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
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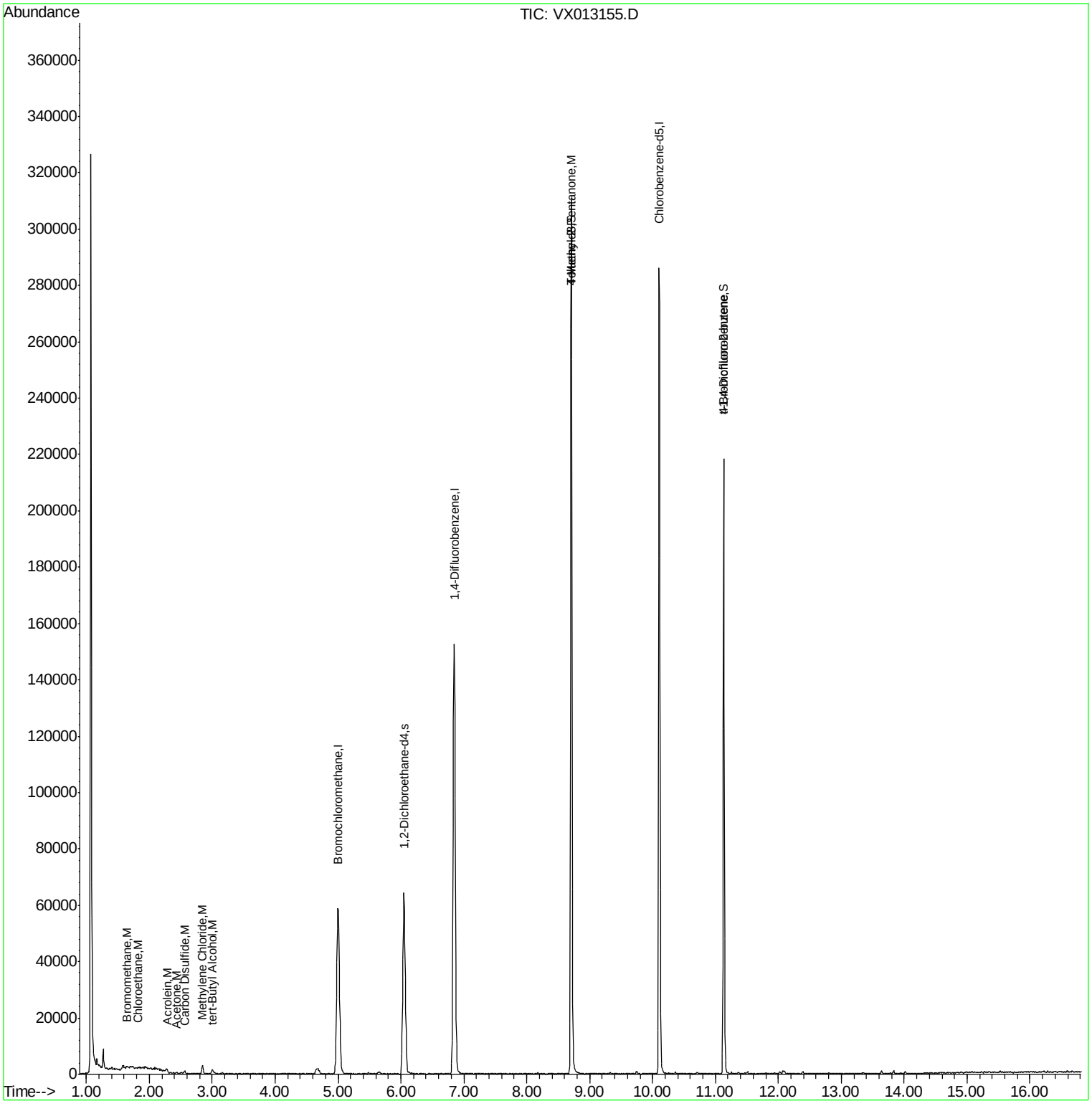
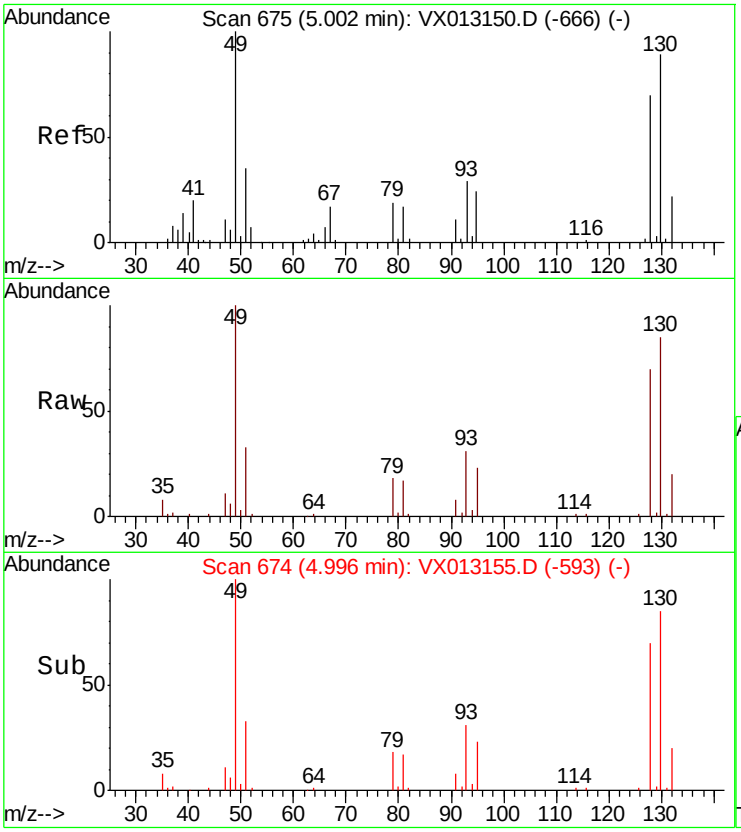


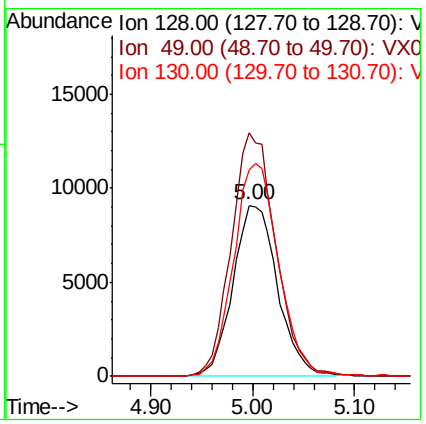


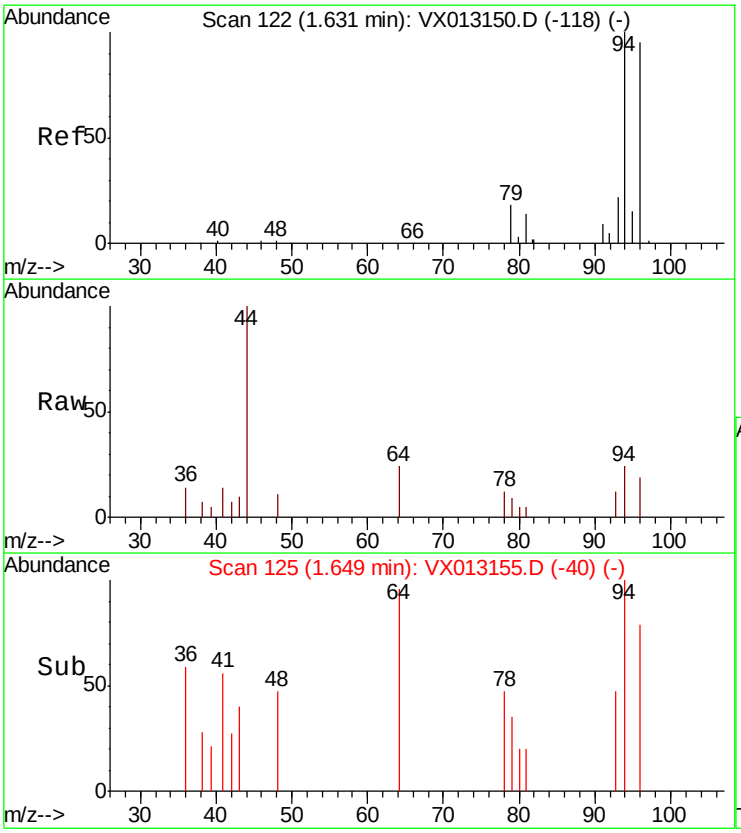
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX013155.D
Acq: 21 Oct 2019 16:26

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBL01

Tgt Ion:128 Resp: 27640

Ion	Ratio	Lower	Upper
128	100		
49	141.2	0.0	367.3
130	124.4	0.0	325.0

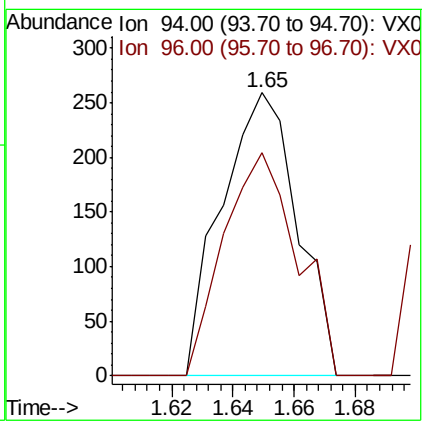


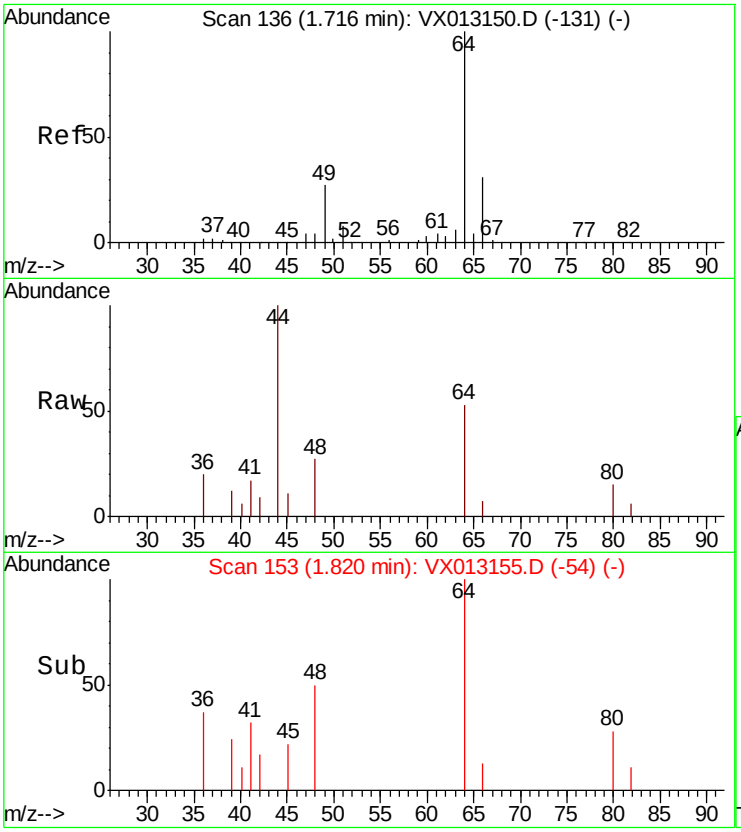


#5
Bromomethane
Concen: 0.463 ug/l
RT: 1.65 min Scan# 125
Delta R.T. 0.02 min
Lab File: VX013155.D
Acq: 21 Oct 2019 16:26

Tgt Ion: 94 Resp: 447

Ion	Ratio	Lower	Upper
94	100		
96	78.8	75.9	113.9



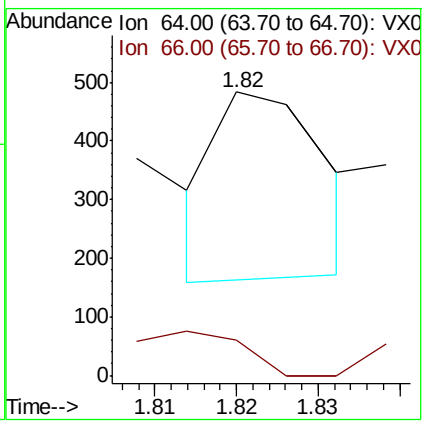


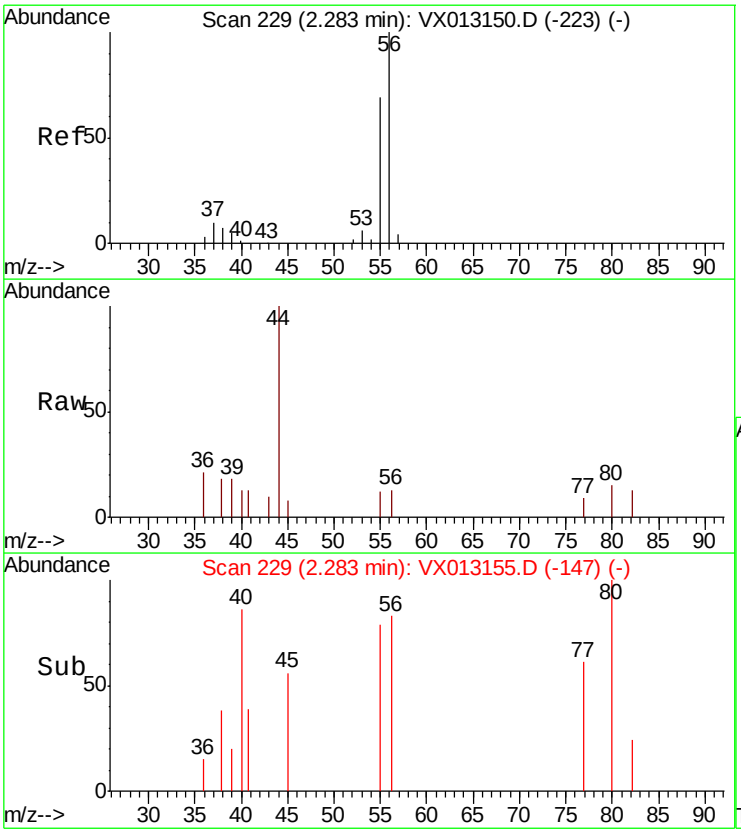
#6
Chloroethane
Concen: 0.255 ug/l
RT: 1.82 min Scan# 153
Delta R.T. 0.10 min
Lab File: VX013155.D
Acq: 21 Oct 2019 16:26

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBL01

Tgt Ion: 64 Resp: 291

Ion	Ratio	Lower	Upper
64	100		
66	36.3	25.4	38.2

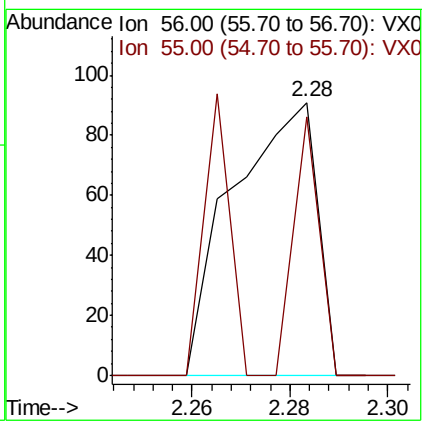


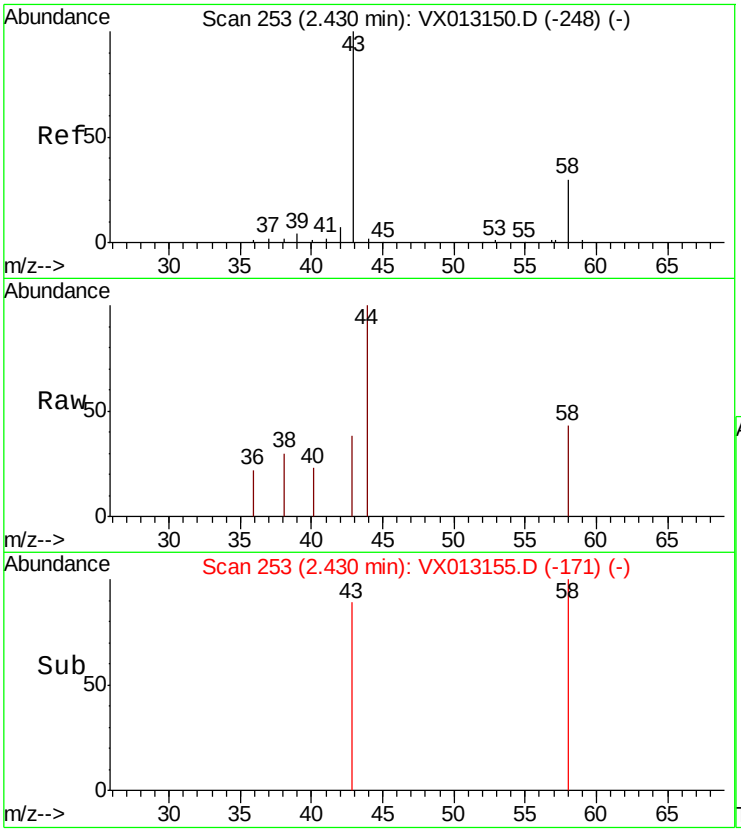


#13
Acrolein
Concen: 0.331 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.00 min
Lab File: VX013155.D
Acq: 21 Oct 2019 16:26

Tgt Ion: 56 Resp: 108

Ion	Ratio	Lower	Upper
56	100		
55	0.0	55.8	83.8#



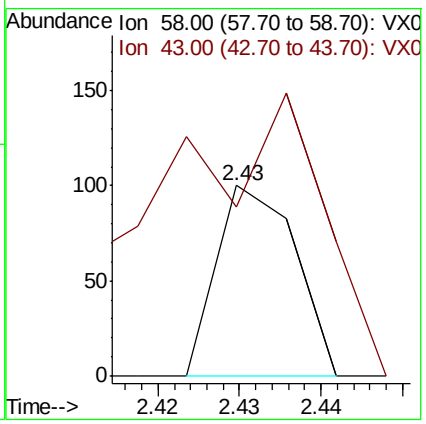


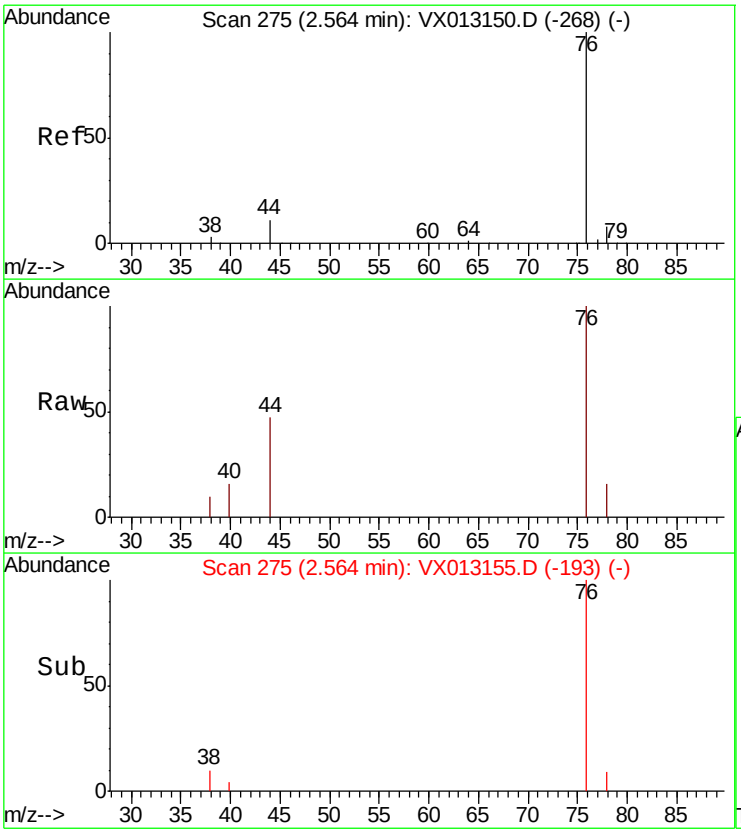
#15
Acetone
Concen: 0.222 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.00 min
Lab File: VX013155.D
Acq: 21 Oct 2019 16:26

Instrument : MSVOA_X
ClientSampleId : VX1021WBL01

Tgt Ion: 58 Resp: 67

Ion	Ratio	Lower	Upper
58	100		
43	18.0	262.8	394.2#

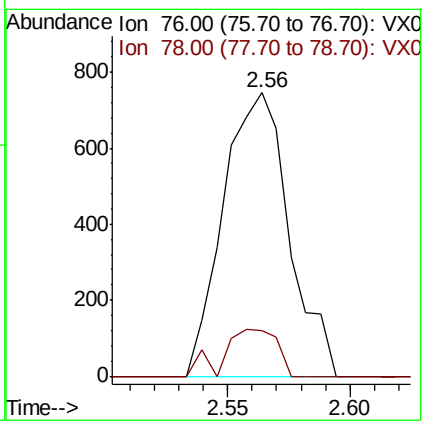


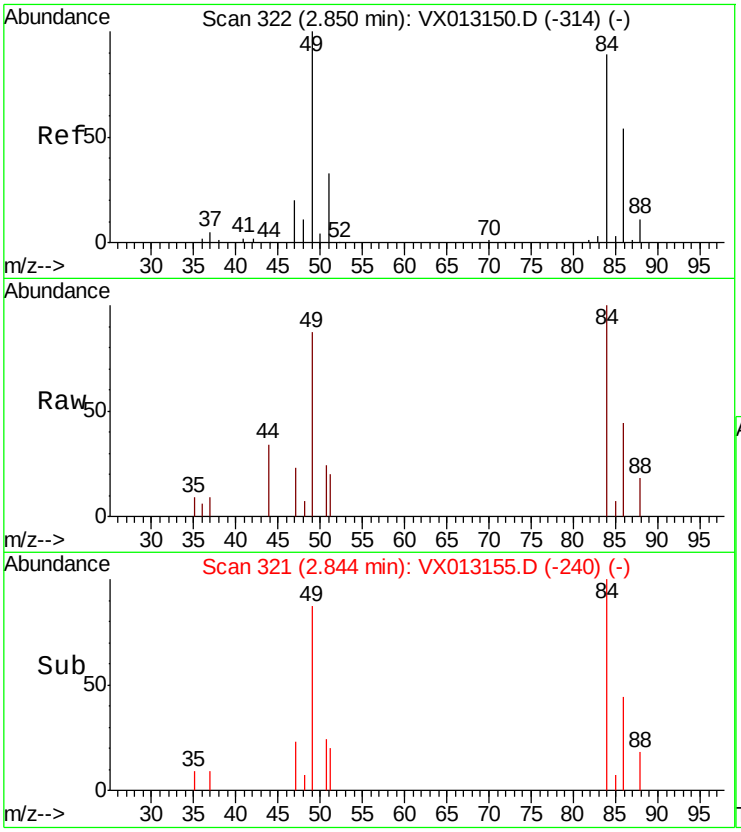


#16
Carbon Disulfide
Concen: 0.309 ug/l
RT: 2.56 min Scan# 275
Delta R.T. -0.00 min
Lab File: VX013155.D
Acq: 21 Oct 2019 16:26

Tgt Ion: 76 Resp: 1397

Ion	Ratio	Lower	Upper
76	100		
78	16.2	6.6	10.0#



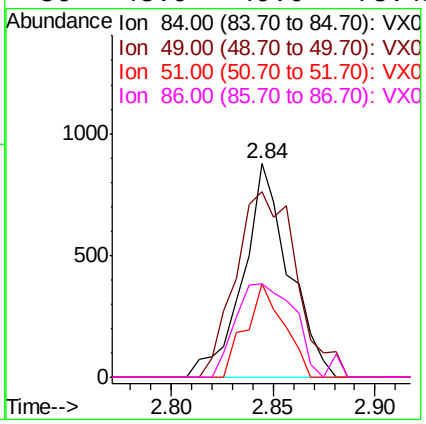


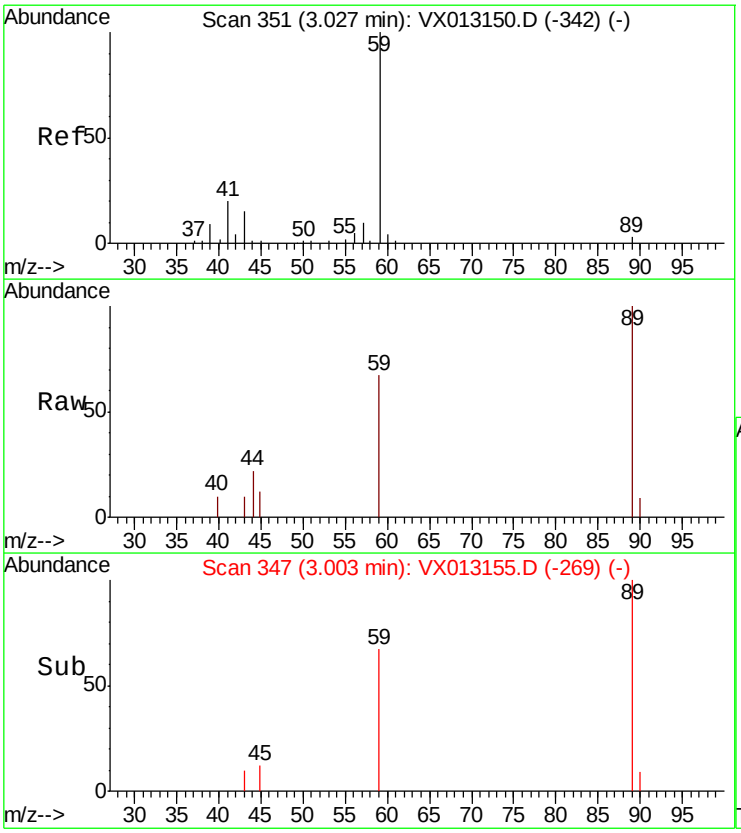
#18
Methylene Chloride
Concen: 0.698 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX013155.D
Acq: 21 Oct 2019 16:26

Instrument : MSVOA_X
ClientSampleId : VX1021WBL01

Tgt Ion: 84 Resp: 1371

Ion	Ratio	Lower	Upper
84	100		
49	87.2	90.3	135.5#
51	44.1	29.9	44.9
86	43.9	49.0	73.4#

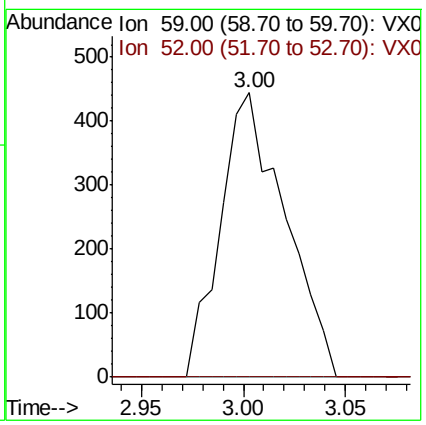


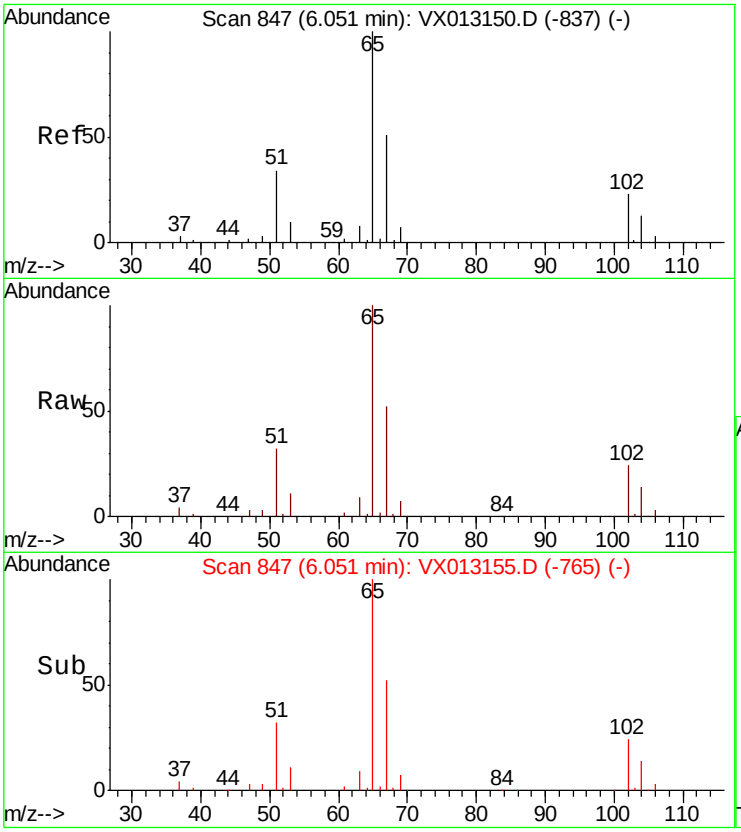


#23
tert-Butyl Alcohol
Concen: 2.019 ug/l
RT: 3.00 min Scan# 347
Delta R.T. -0.02 min
Lab File: VX013155.D
Acq: 21 Oct 2019 16:26

Tgt Ion: 59 Resp: 974

Ion	Ratio	Lower	Upper
59	100		
52	4.5	0.0	0.0#



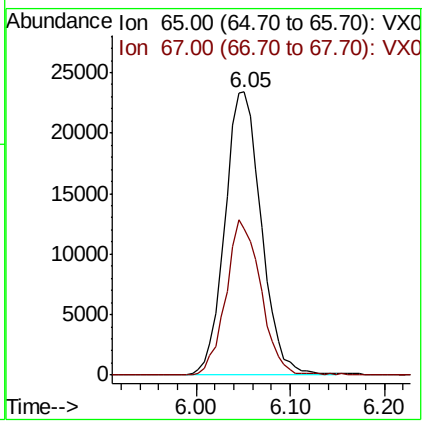


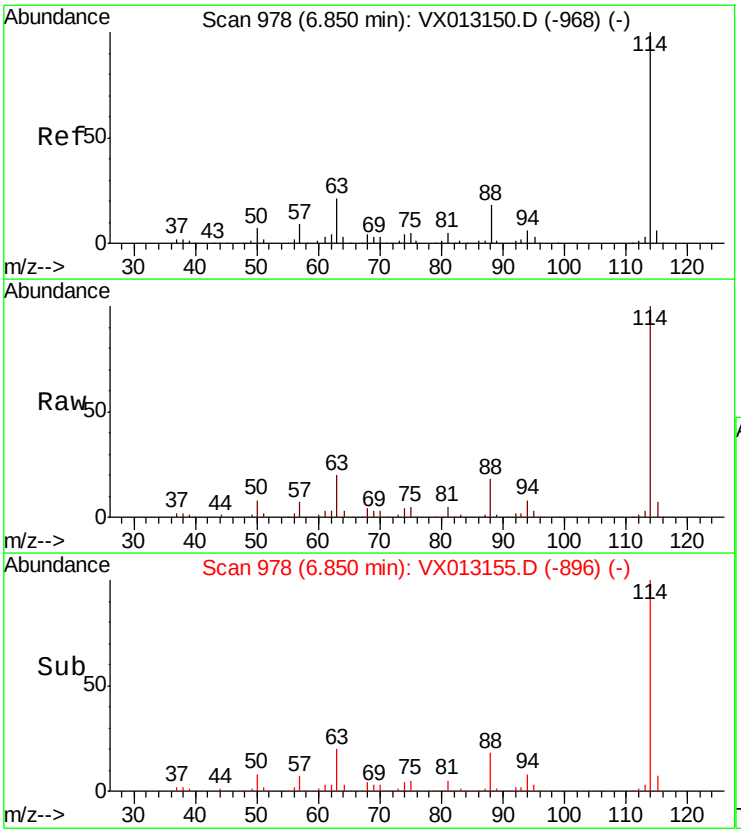
#27
1,2-Dichloroethane-d4
Concen: 28.861 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX013155.D
Acq: 21 Oct 2019 16:26

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBL01

Tgt Ion: 65 Resp: 62797

Ion	Ratio	Lower	Upper
65	100		
67	52.1	42.2	63.4

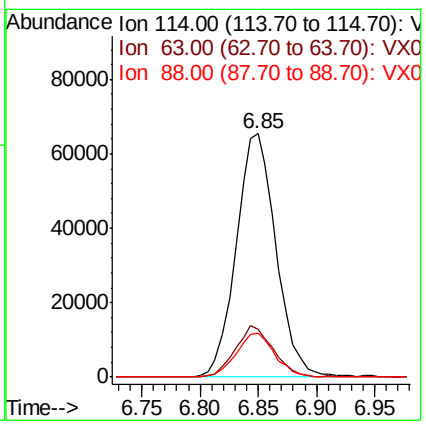


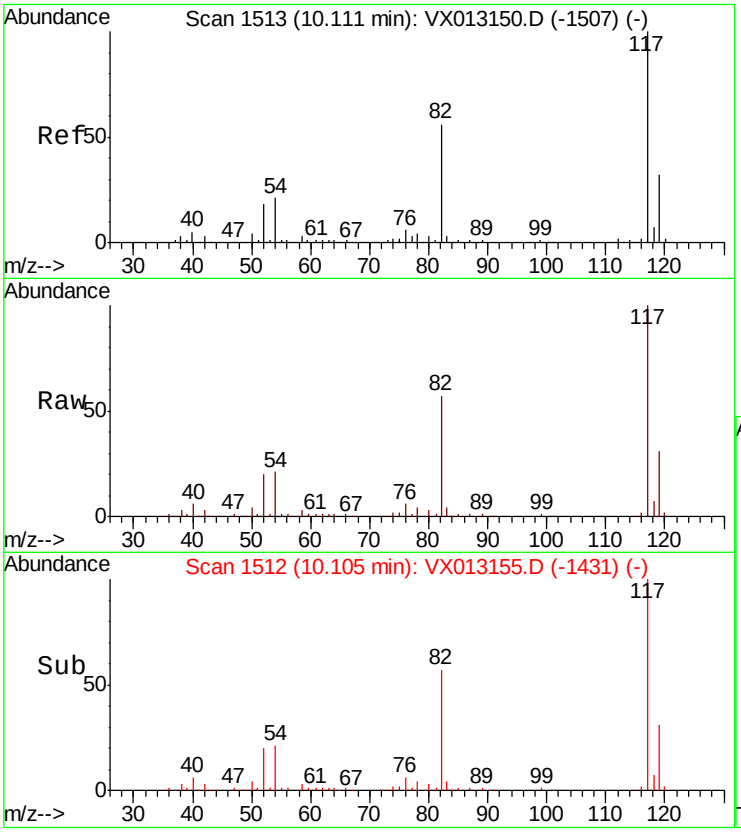


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX013155.D
Acq: 21 Oct 2019 16:26

Tgt Ion:114 Resp: 155470

Ion	Ratio	Lower	Upper
114	100		
63	20.1	16.1	24.1
88	17.5	13.7	20.5



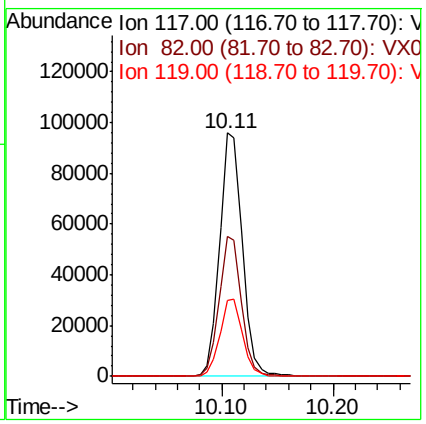


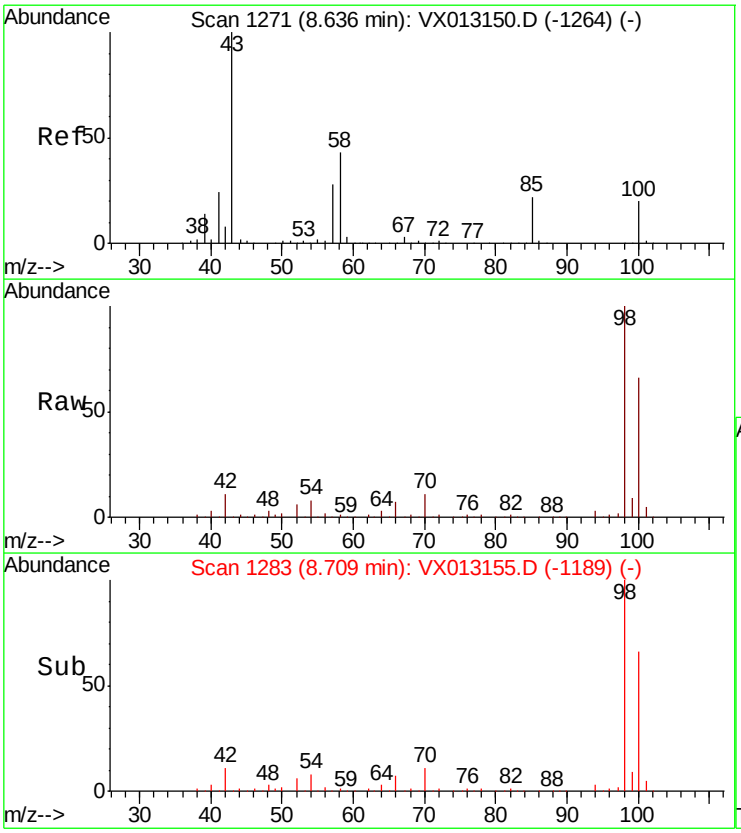
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013155.D
Acq: 21 Oct 2019 16:26

Instrument : MSVOA_X
ClientSampleId : VX1021WBL01

Tgt Ion:117 Resp: 135497

Ion	Ratio	Lower	Upper
117	100		
82	56.3	46.0	69.0
119	31.7	25.4	38.0

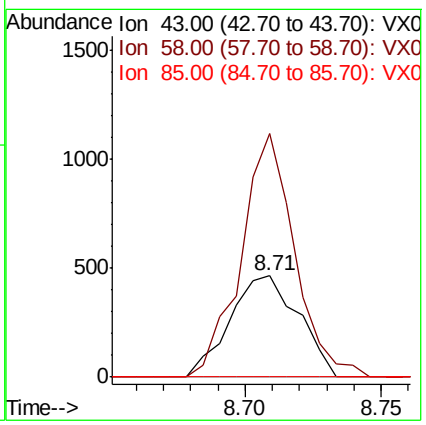


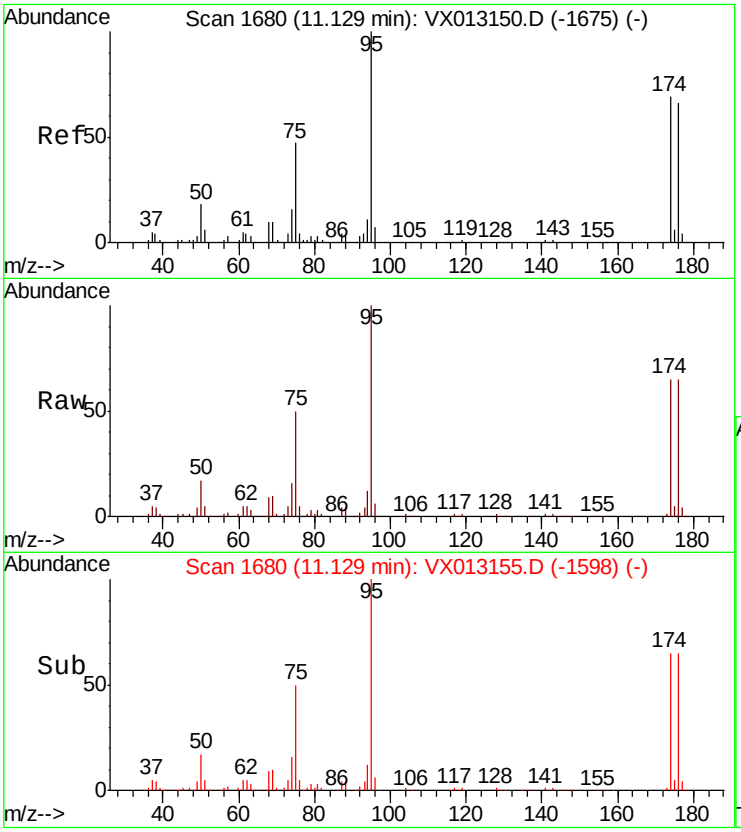


#58
4-Methyl-2-Pentanone
Concen: 0.357 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.07 min
Lab File: VX013155.D
Acq: 21 Oct 2019 16:26

Tgt Ion: 43 Resp: 815

Ion	Ratio	Lower	Upper
43	100		
58	187.6	33.8	50.8#
85	0.0	16.8	25.2#



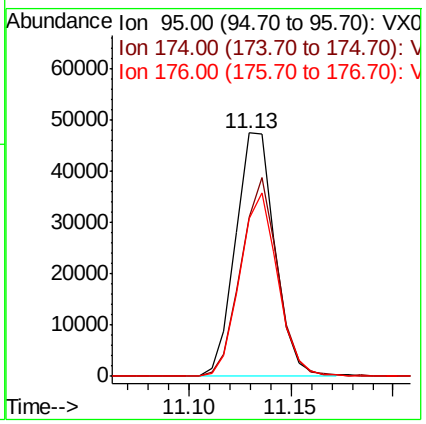


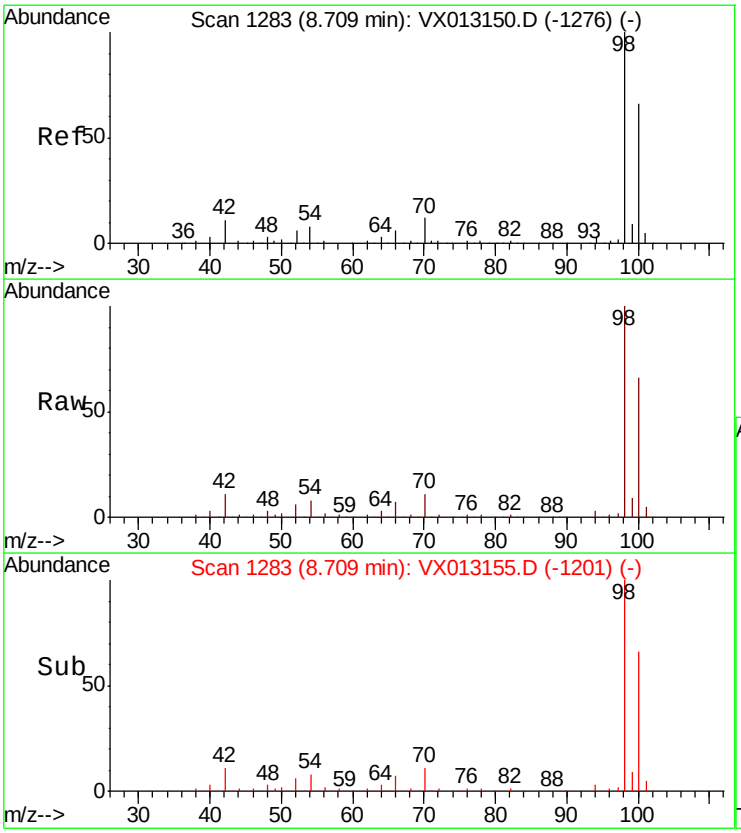
#60
4-Bromofluorobenzene
Concen: 27.007 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX013155.D
Acq: 21 Oct 2019 16:26

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBL01

Tgt Ion: 95 Resp: 63721

Ion	Ratio	Lower	Upper
95	100		
174	76.4	60.0	90.0
176	72.7	58.5	87.7

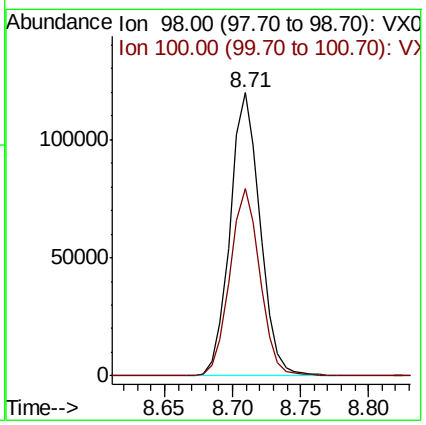


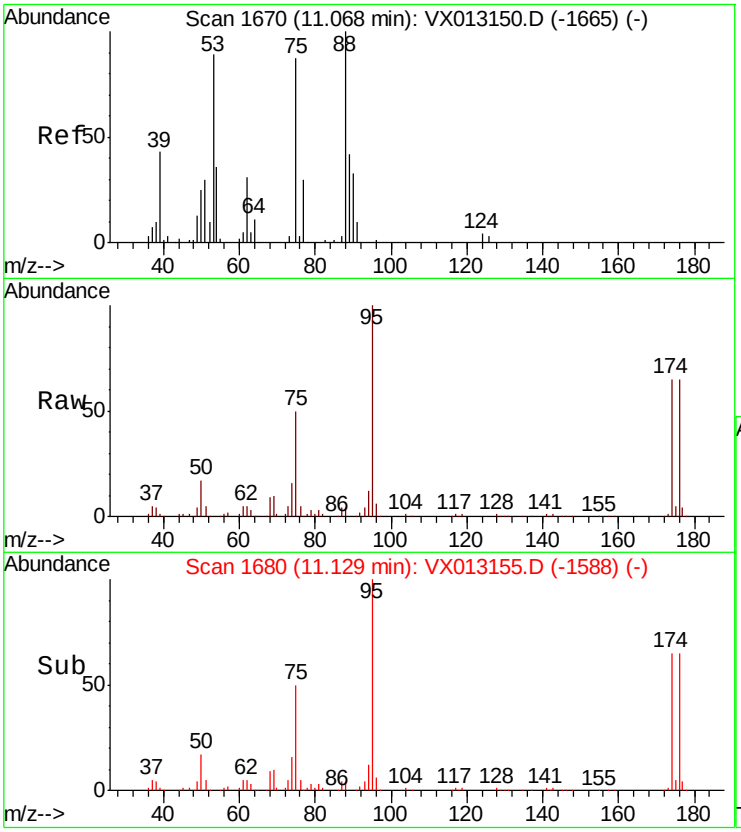


#63
Toluene-d8
Concen: 30.542 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013155.D
Acq: 21 Oct 2019 16:26

Tgt Ion: 98 Resp: 184063

Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.1	79.7





#77
t-1,4-Dichloro-2-butene
Concen: 35.810 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX013155.D
Acq: 21 Oct 2019 16:26

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBL01

Tgt Ion: 75 Resp: 31014

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