Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX051019\
Data File : VX009472.D
Acq On : 10 May 2019 10:44
Operator : JC/SP
Sample : VX0510WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VX0510WBL01

Quant Time: May 10 11:03:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X050119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu May 02 06:46:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	29050	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	165699	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	144467	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.06	65	70566	29.28	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 97.60%			
60) 4-Bromofluorobenzene	11.13	95	68065	27.73	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 92.43%			
63) Toluene-d8	8.71	98	205604	30.02	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 100.07%			
Target Compounds						Qvalue
5) Bromomethane	1.65	94	417	0.318	ug/l	85
13) Acrolein	2.30	56	228	0.555	ug/l	94
16) Carbon Disulfide	2.57	76	873	0.203	ug/l #	74
51) Ethyl methacrylate	8.71	69	882	0.257	ug/l	78
77) t-1,4-Dichloro-2-butene	11.13	75	34671	32.801	ug/l #	10

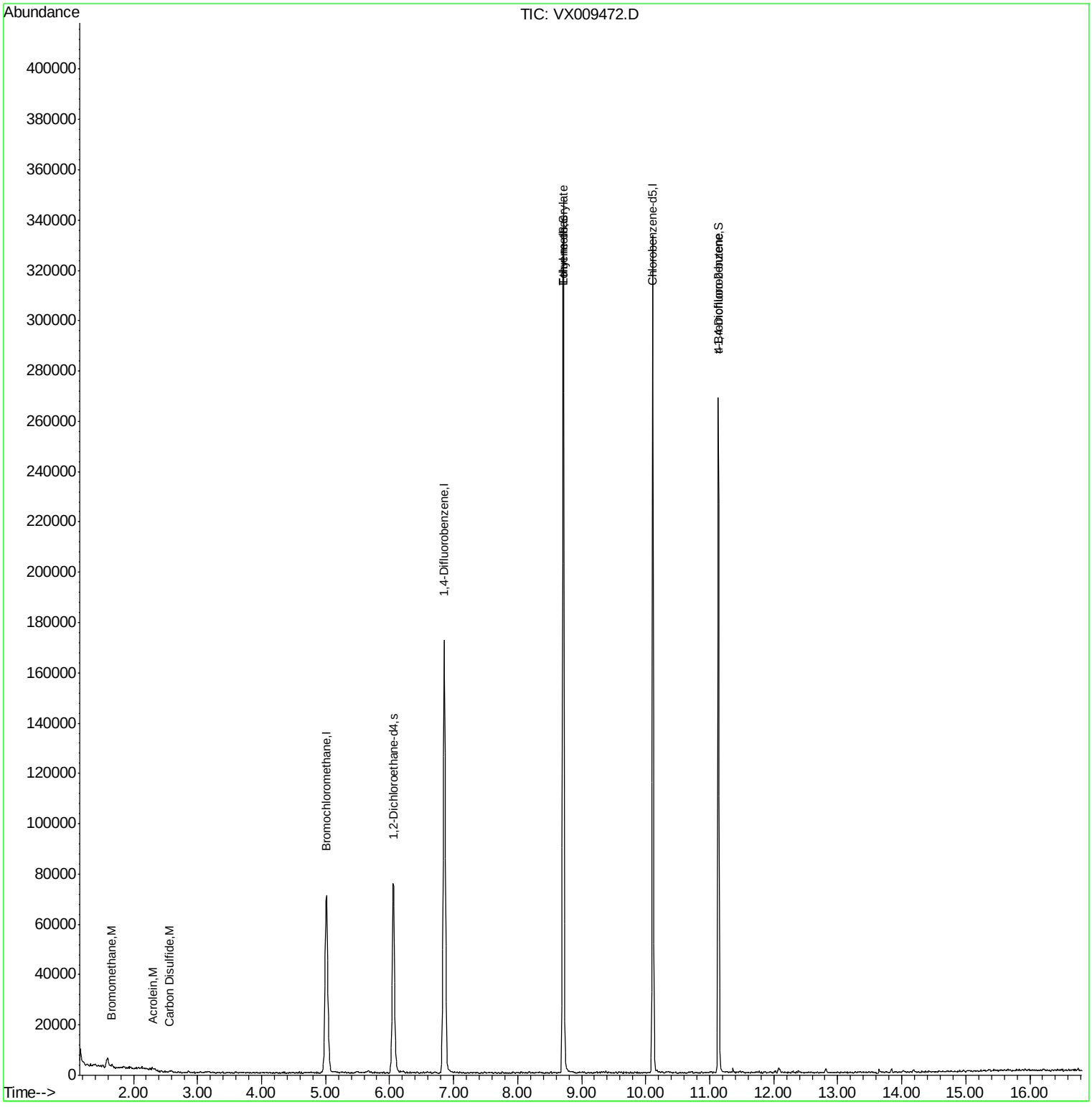
(#) = qualifier out of range (m) = manual integration (+) = signals summed

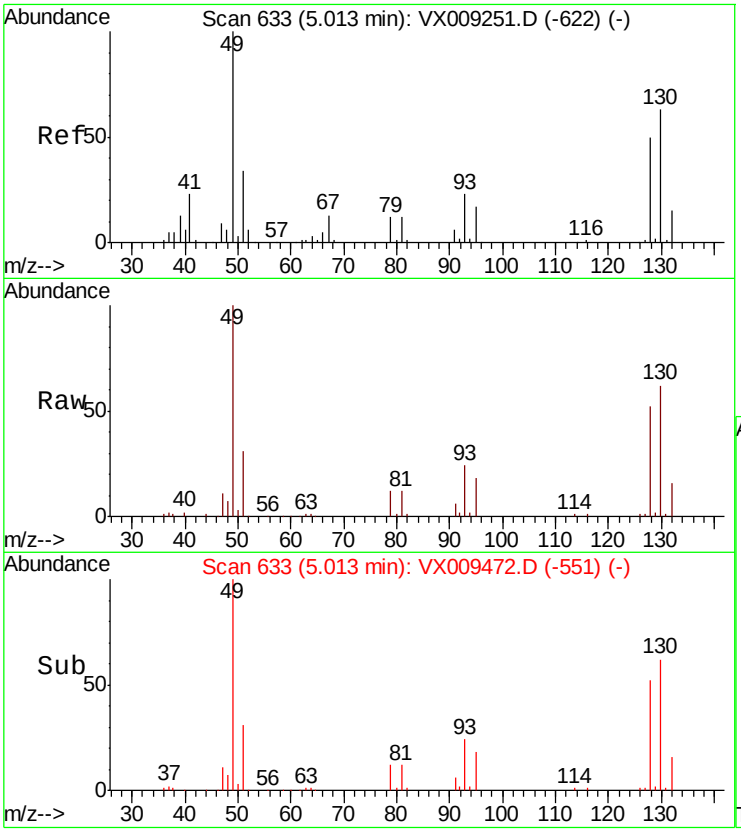
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX051019\
Data File : VX009472.D
Acq On : 10 May 2019 10:44
Operator : JC/SP
Sample : VX0510WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0510WBL01

Quant Time: May 10 11:03:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X050119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu May 02 06:46:57 2019
Response via : Initial Calibration



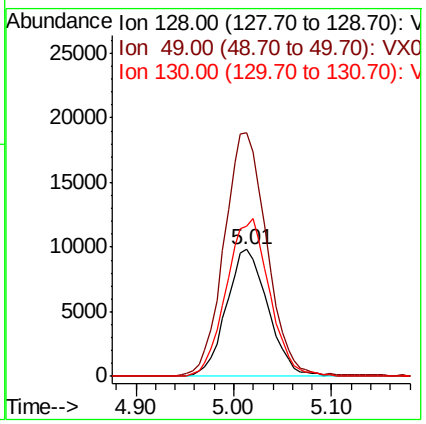


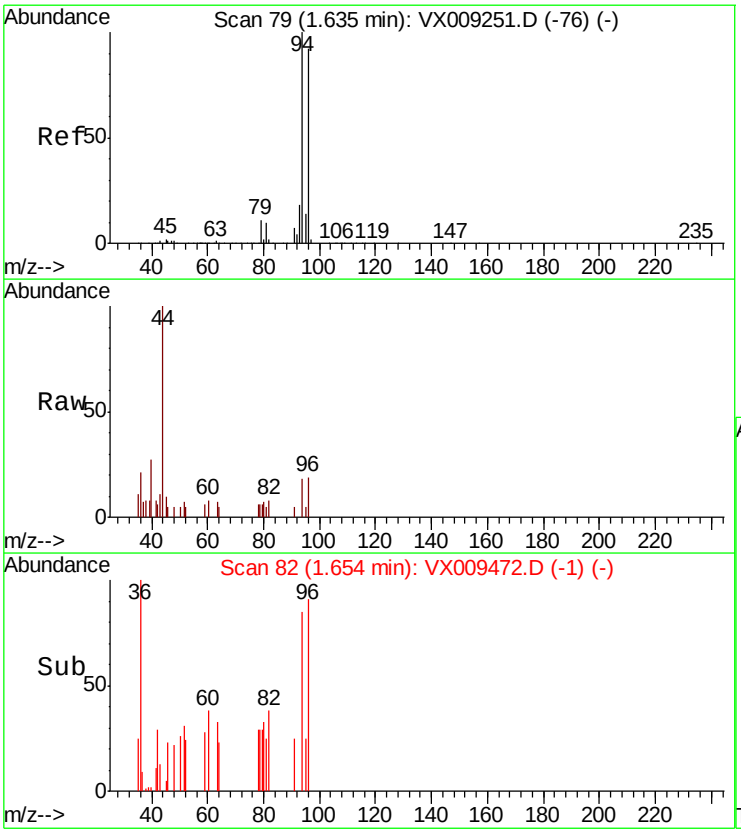
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX009472.D
Acq: 10 May 2019 10:44

Instrument :
MSVOA_X
ClientSampleId :
VX0510WBL01

Tgt Ion:128 Resp: 29050

Ion	Ratio	Lower	Upper
128	100		
49	196.3	0.0	515.0
130	128.8	0.0	323.3

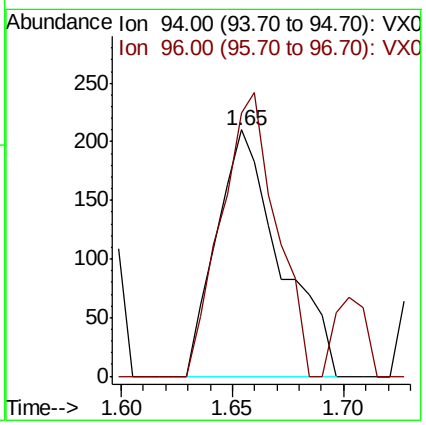


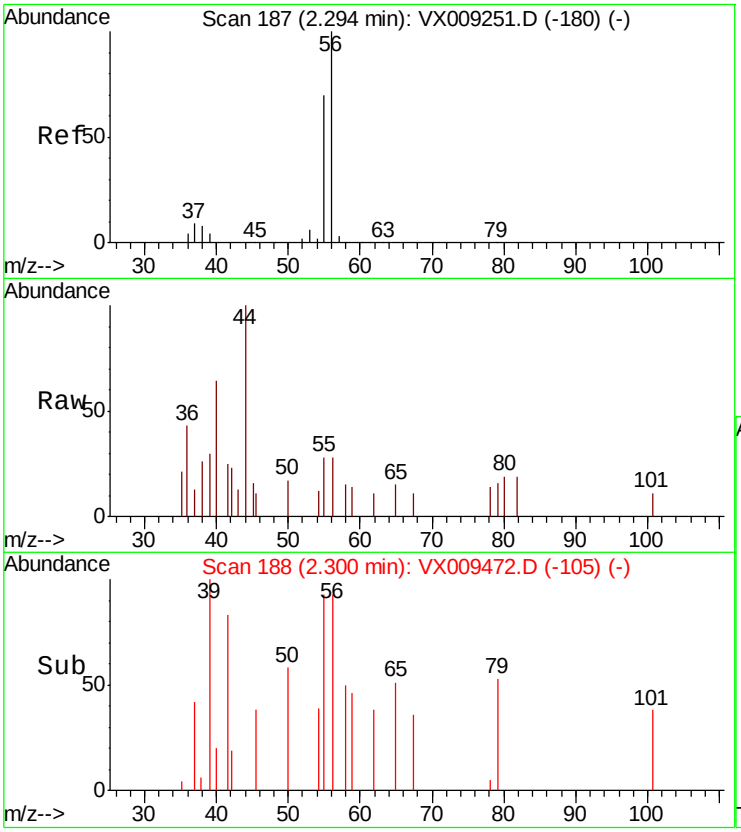


#5
Bromomethane
Concen: 0.318 ug/l
RT: 1.65 min Scan# 82
Delta R.T. 0.02 min
Lab File: VX009472.D
Acq: 10 May 2019 10:44

Tgt Ion: 94 Resp: 417

Ion	Ratio	Lower	Upper
94	100		
96	106.7	73.5	110.3



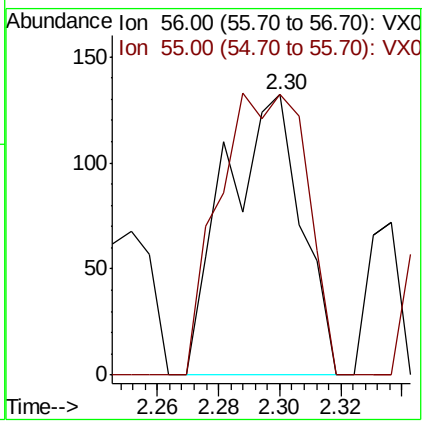


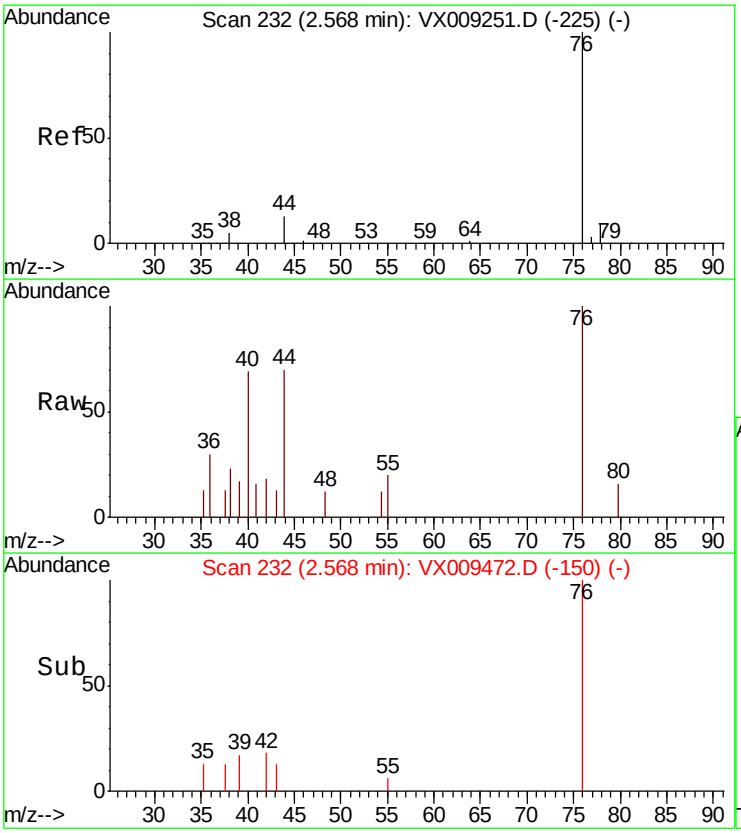
#13
Acrolein
Concen: 0.555 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.01 min
Lab File: VX009472.D
Acq: 10 May 2019 10:44

Instrument :
MSVOA_X
ClientSampleId :
VX0510WBL01

Tgt Ion: 56 Resp: 228

Ion	Ratio	Lower	Upper
56	100		
55	65.8	56.9	85.3

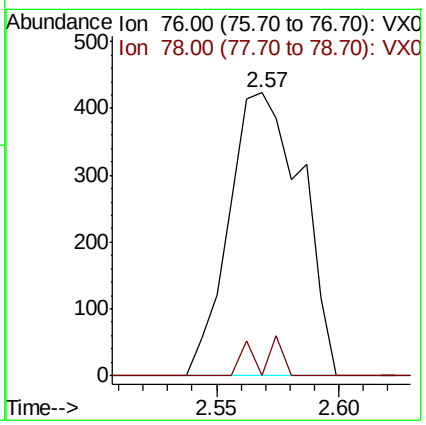


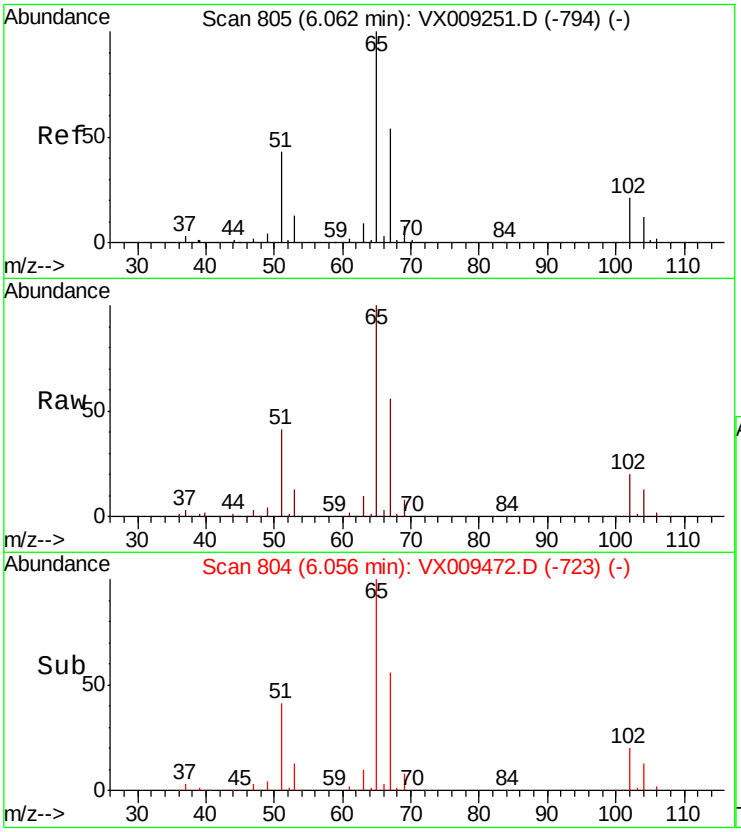


#16
Carbon Disulfide
Concen: 0.203 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX009472.D
Acq: 10 May 2019 10:44

Tgt Ion: 76 Resp: 873

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.4	11.2#



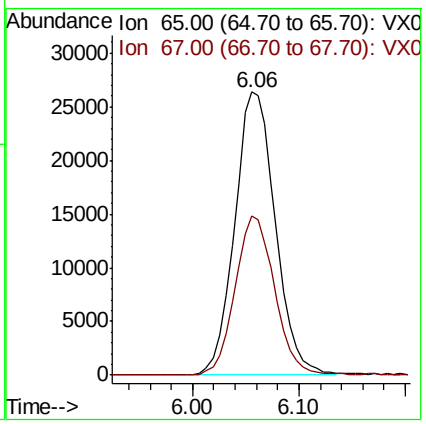


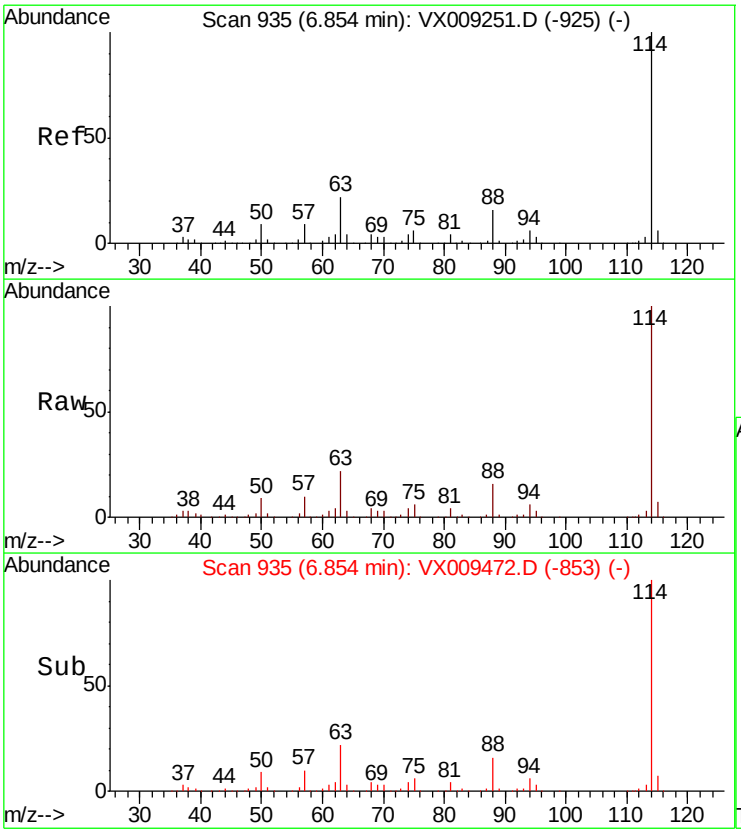
#27
1,2-Dichloroethane-d4
Concen: 29.283 ug/l
RT: 6.06 min Scan# 804
Delta R.T. -0.01 min
Lab File: VX009472.D
Acq: 10 May 2019 10:44

Instrument :
MSVOA_X
ClientSampleId :
VX0510WBL01

Tgt Ion: 65 Resp: 70566

Ion	Ratio	Lower	Upper
65	100		
67	54.9	43.1	64.7

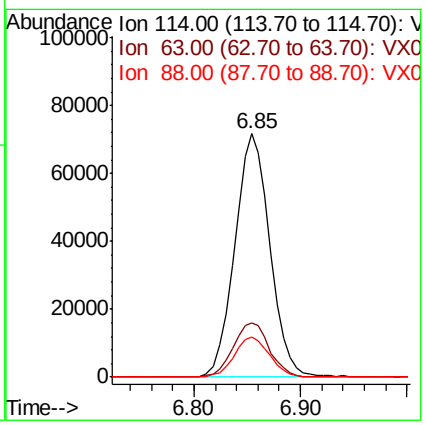


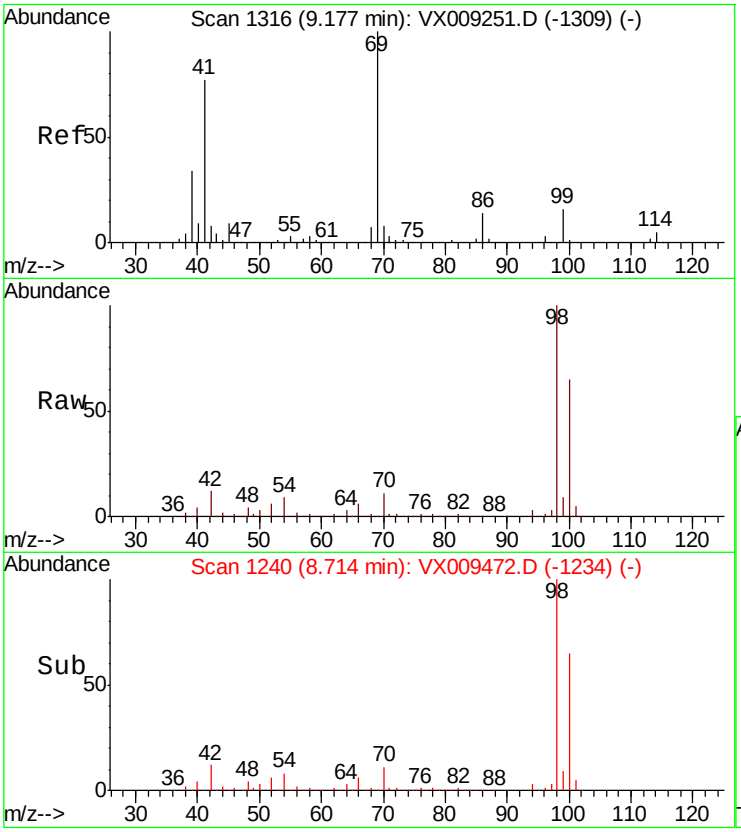


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.85 min Scan# 935
Delta R.T. 0.00 min
Lab File: VX009472.D
Acq: 10 May 2019 10:44

Tgt Ion:114 Resp: 165699

Ion	Ratio	Lower	Upper
114	100		
63	23.1	18.0	27.0
88	16.7	13.4	20.0



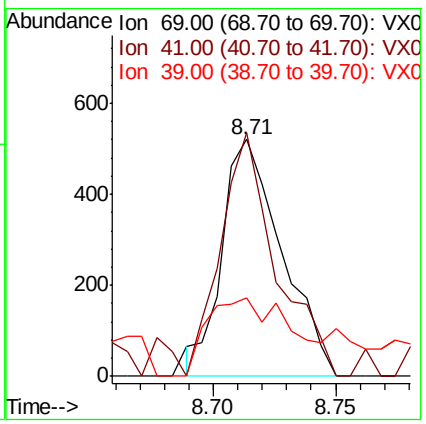


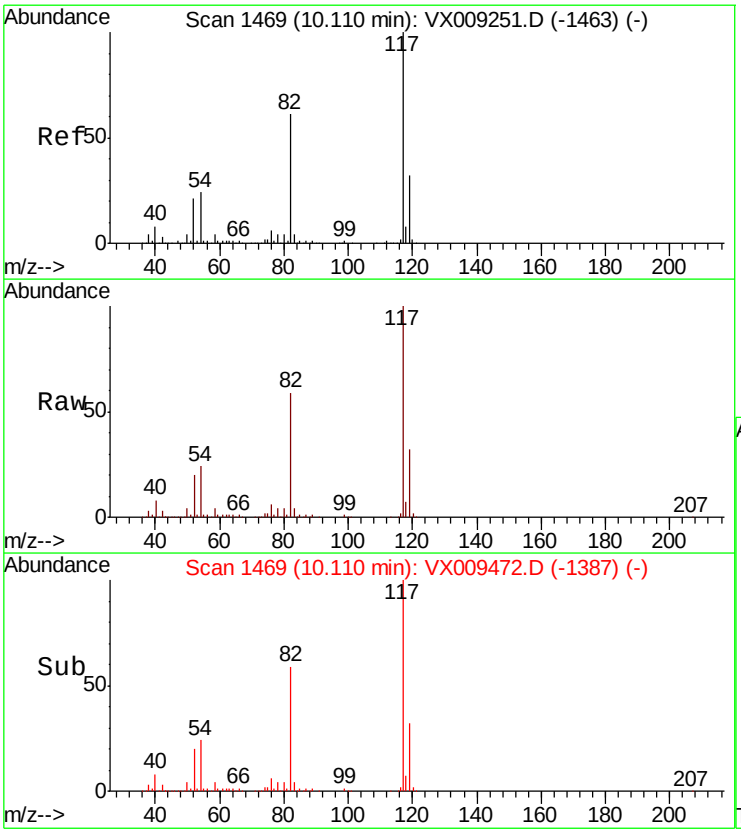
#51
Ethyl methacrylate
Concen: 0.257 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.46 min
Lab File: VX009472.D
Acq: 10 May 2019 10:44

Instrument :
MSVOA_X
ClientSampleId :
VX0510WBL01

Tgt Ion: 69 Resp: 882

Ion	Ratio	Lower	Upper
69	100		
41	102.9	38.4	115.2
39	33.1	17.2	51.5

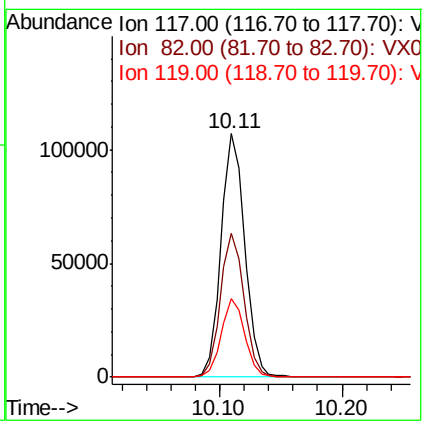


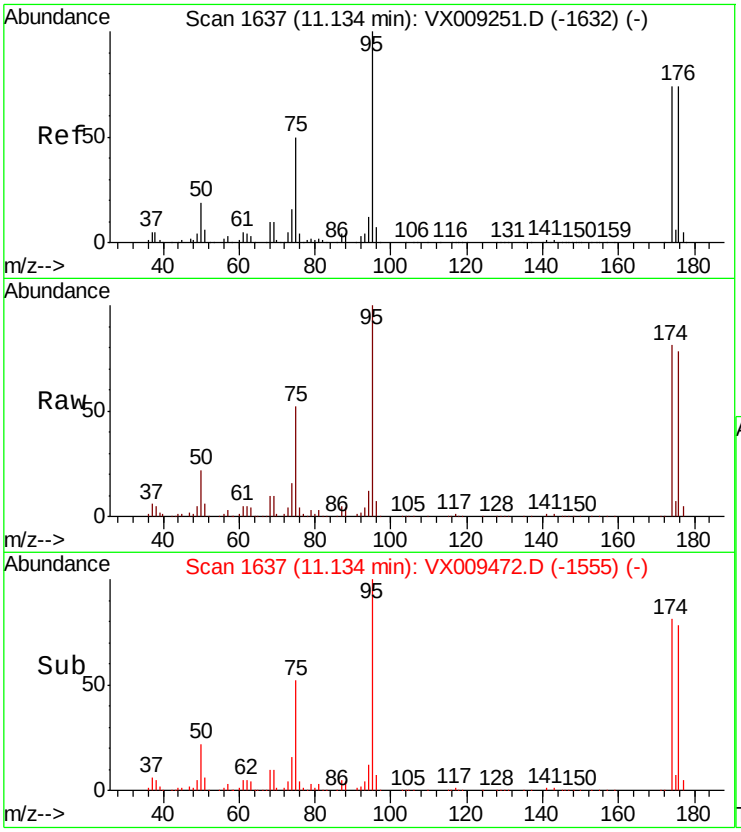


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009472.D
Acq: 10 May 2019 10:44

Tgt Ion:117 Resp: 144467

Ion	Ratio	Lower	Upper
117	100		
82	58.7	47.8	71.8
119	31.8	25.6	38.4



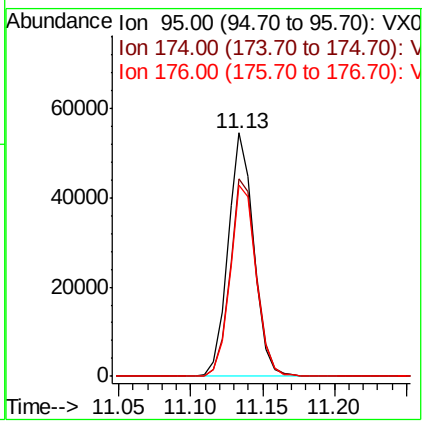


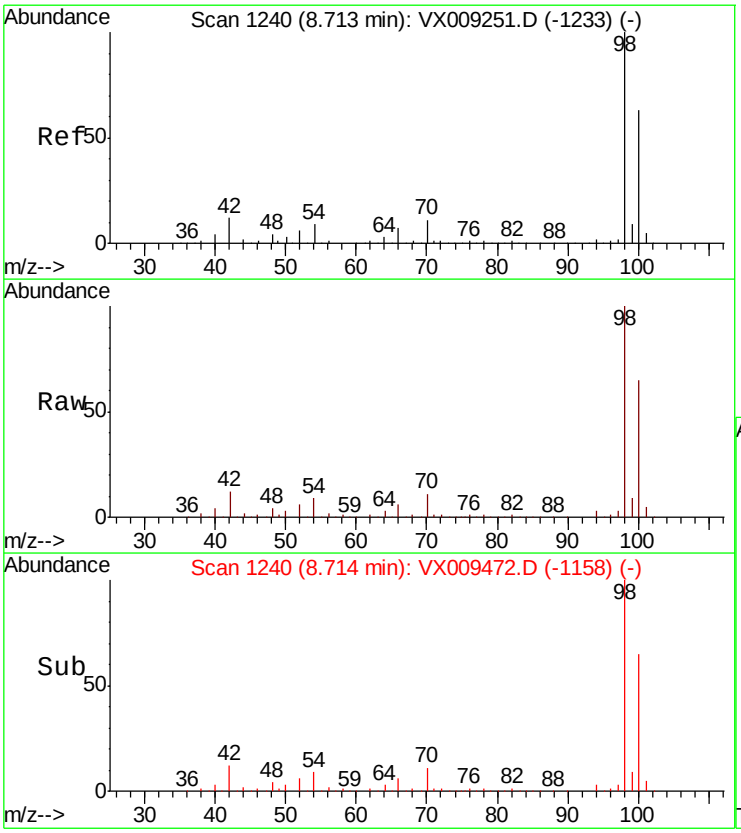
#60
4-Bromofluorobenzene
Concen: 27.727 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX009472.D
Acq: 10 May 2019 10:44

Instrument :
MSVOA_X
ClientSampleId :
VX0510WBL01

Tgt Ion: 95 Resp: 68065

Ion	Ratio	Lower	Upper
95	100		
174	82.8	63.6	95.4
176	79.6	62.4	93.6

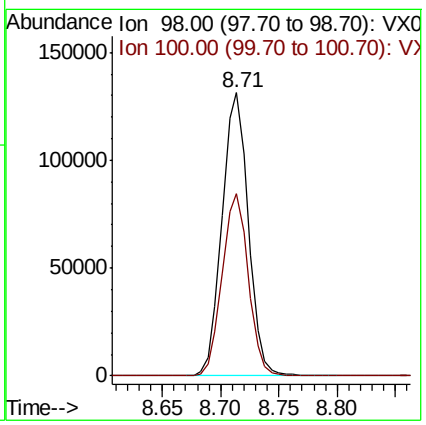


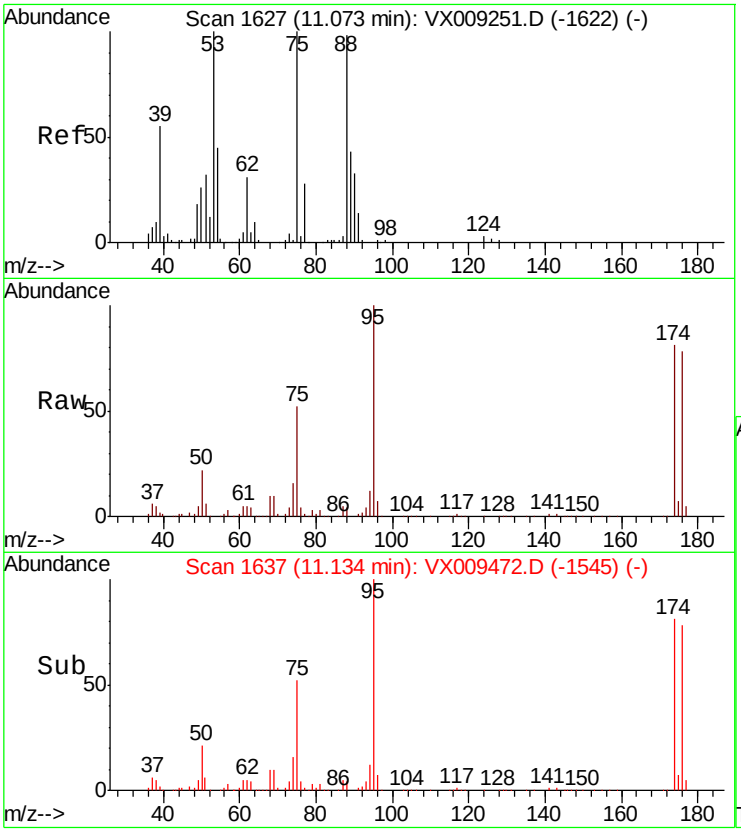


#63
Toluene-d8
Concen: 30.018 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009472.D
Acq: 10 May 2019 10:44

Tgt Ion: 98 Resp: 205604

Ion	Ratio	Lower	Upper
98	100		
100	64.1	52.3	78.5





#77
t-1,4-Dichloro-2-butene
Concen: 32.801 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX009472.D
Acq: 10 May 2019 10:44

Instrument :
MSVOA_X
ClientSampleId :
VX0510WBL01

Tgt Ion: 75 Resp: 34671

Ion	Ratio	Lower	Upper
75	100		
53	0.0	50.0	149.8#
89	0.0	21.6	65.0#