Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX050719\
Data File : VX009369.D
Acq On : 07 May 2019 11:03
Operator : JC/SP
Sample : VX0507WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : VX0507WBL01

Quant Time: May 08 02:02:43 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	31510	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	180607	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	153633	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.06	65	77770	29.75	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 99.17%			
60) 4-Bromofluorobenzene	11.13	95	71754	27.49	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 91.63%			
63) Toluene-d8	8.71	98	219313	30.11	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 100.37%			
Target Compounds						Qvalue
3) Chloromethane	1.33	50	507	0.225	ug/l #	88
5) Bromomethane	1.66	94	404	0.284	ug/l #	74
14) Acrylonitrile	3.14	53	404	0.287	ug/l #	70
15) Acetone	2.43	58	83	0.205	ug/l #	30
77) t-1,4-Dichloro-2-butene	11.13	75	36100	32.115	ug/l #	10

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

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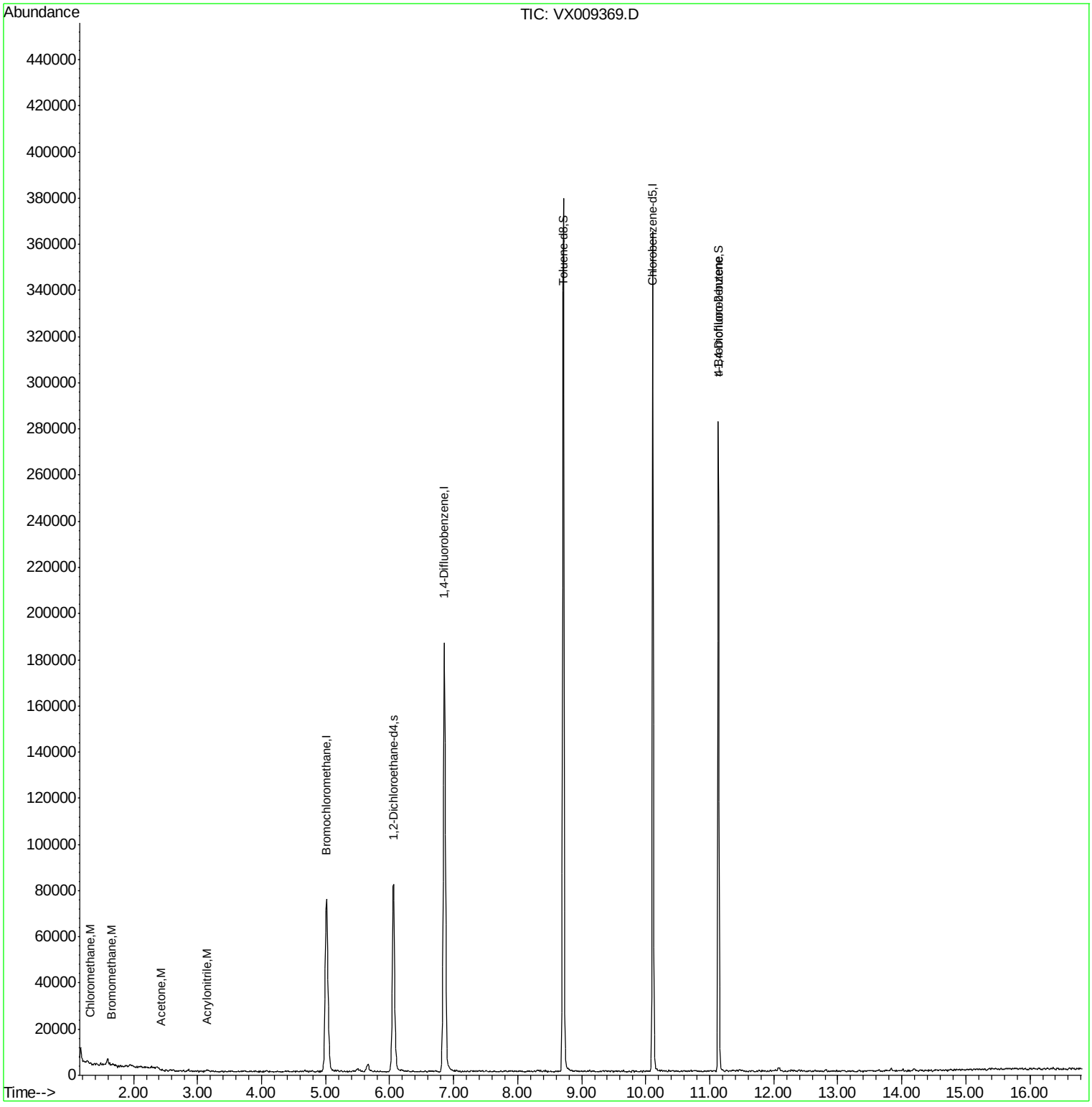
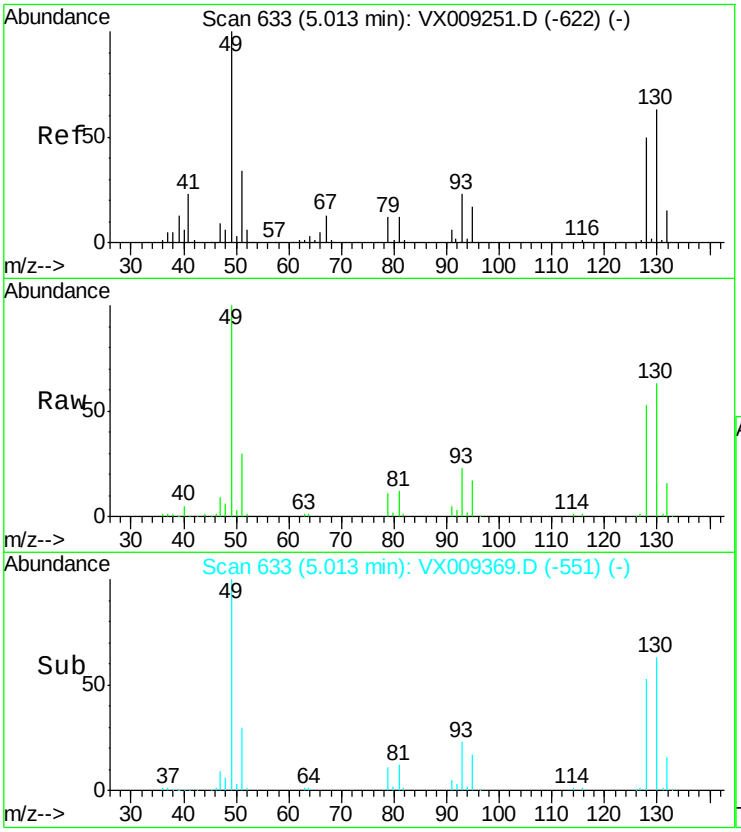
ClientSampleId :
VX0507WBL01

Quant Time: May 08 02:02:43 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



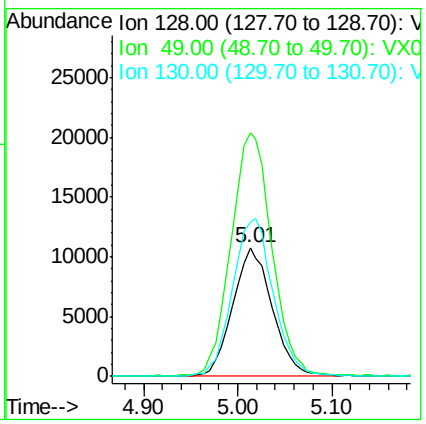


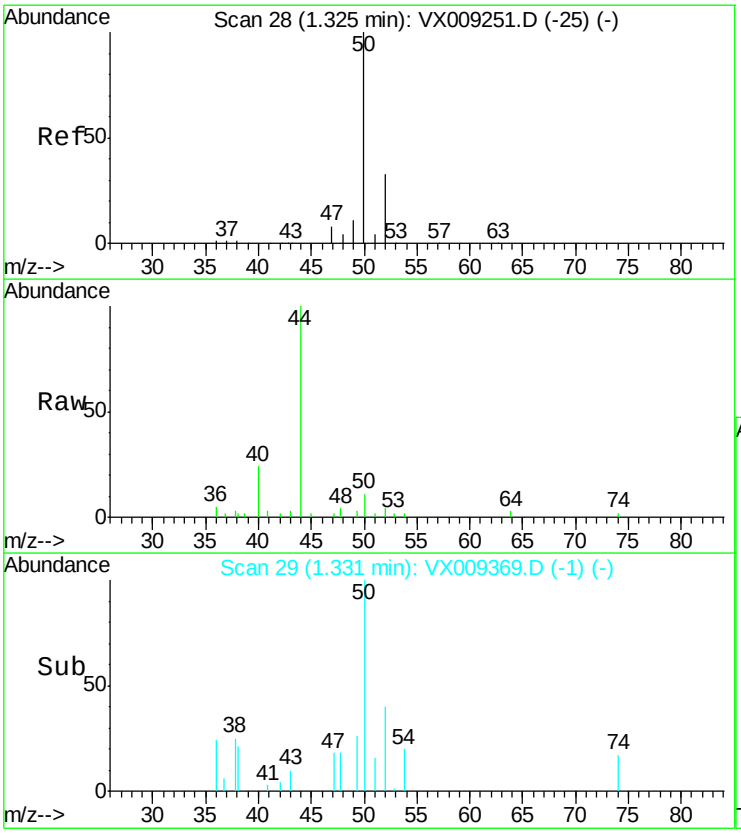
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX009369.D
Acq: 07 May 2019 11:03

Instrument :
MSVOA_F
ClientSampleId :
VX0507WBL01

Tgt Ion:128 Resp: 31510

Ion	Ratio	Lower	Upper
128	100		
49	196.8	0.0	515.0
130	126.8	0.0	323.3

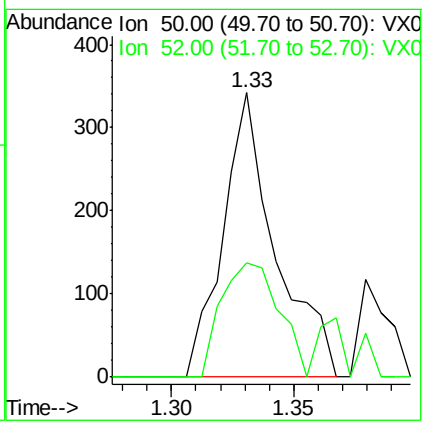


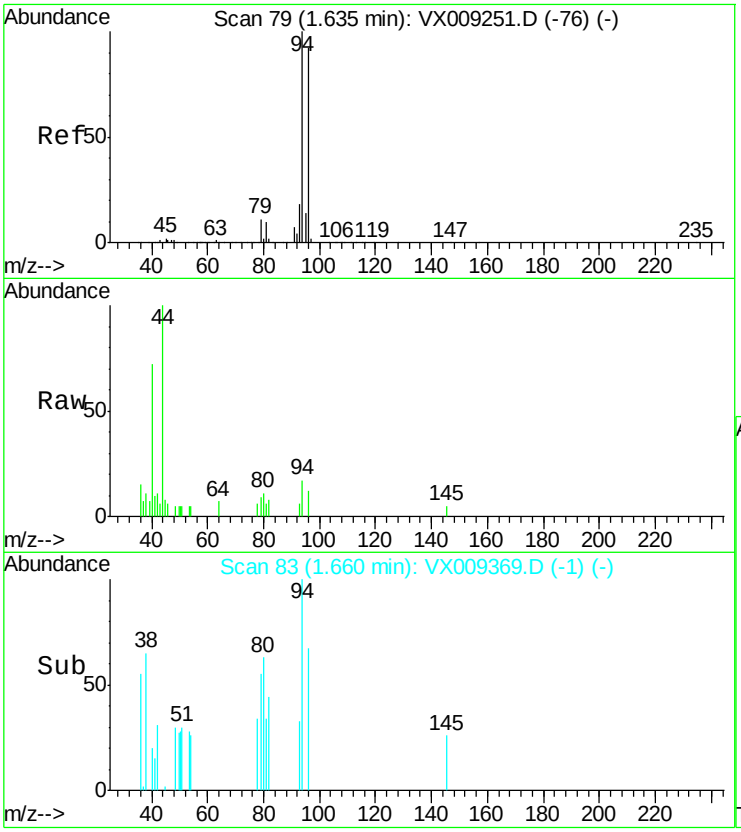


#3
Chloromethane
Concen: 0.225 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.01 min
Lab File: VX009369.D
Acq: 07 May 2019 11:03

Tgt Ion: 50 Resp: 507

Ion	Ratio	Lower	Upper
50	100		
52	39.8	26.3	39.5#



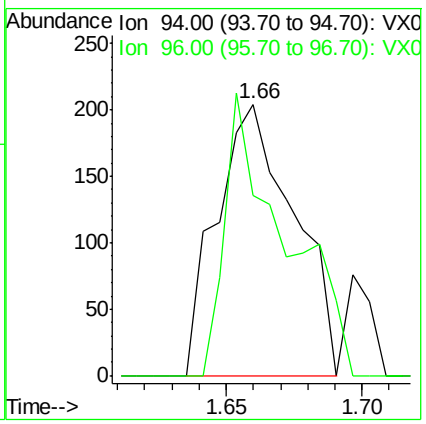


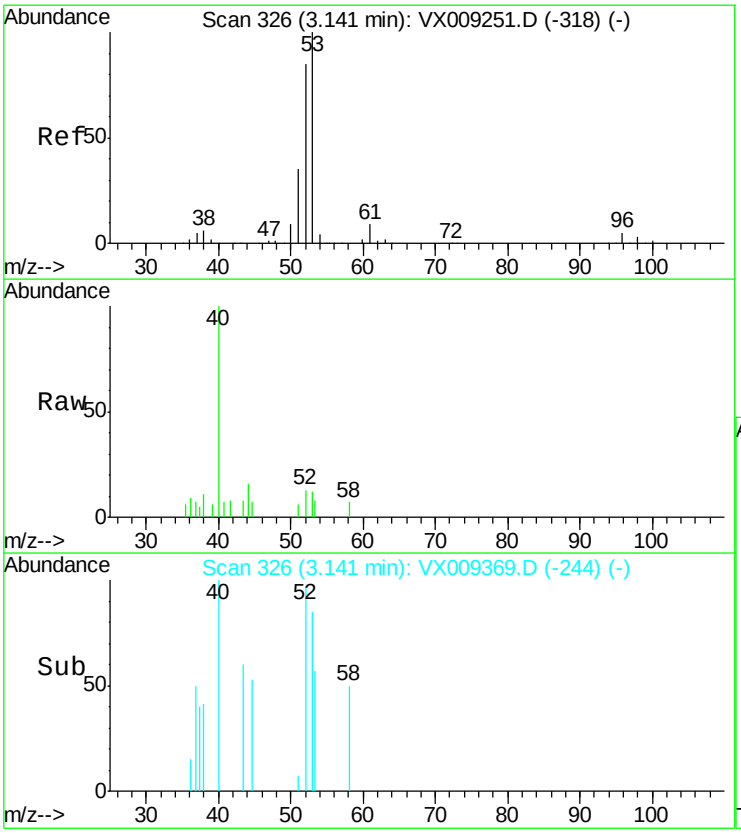
#5
Bromomethane
Concen: 0.284 ug/l
RT: 1.66 min Scan# 83
Delta R.T. 0.02 min
Lab File: VX009369.D
Acq: 07 May 2019 11:03

Instrument :
MSVOA_F
ClientSampleId :
VX0507WBL01

Tgt Ion: 94 Resp: 404

Ion	Ratio	Lower	Upper
94	100		
96	66.7	73.5	110.3#

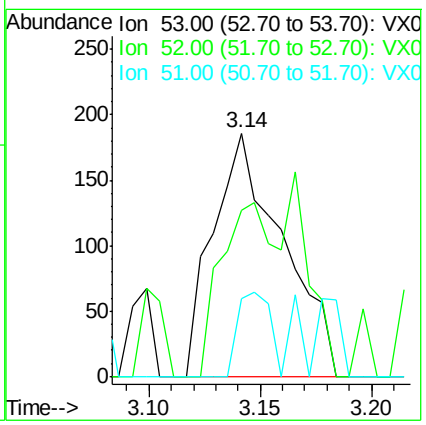


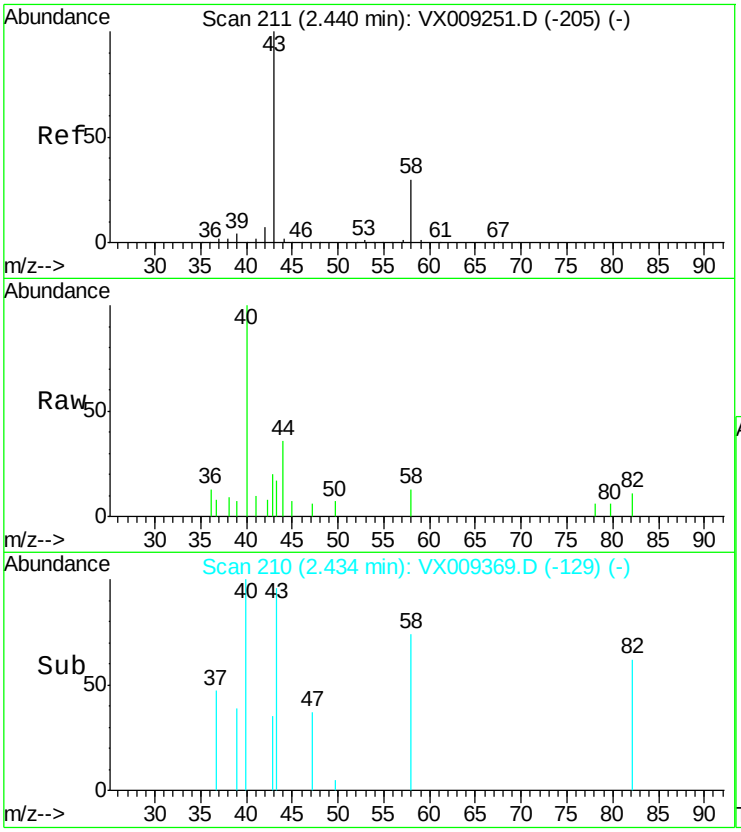


#14
Acrylonitrile
Concen: 0.287 ug/l
RT: 3.14 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX009369.D
Acq: 07 May 2019 11:03

Tgt Ion: 53 Resp: 404

Ion	Ratio	Lower	Upper
53	100		
52	57.7	41.5	124.5
51	16.3	17.8	53.3#



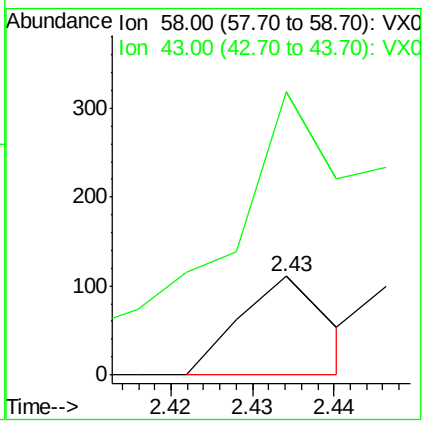


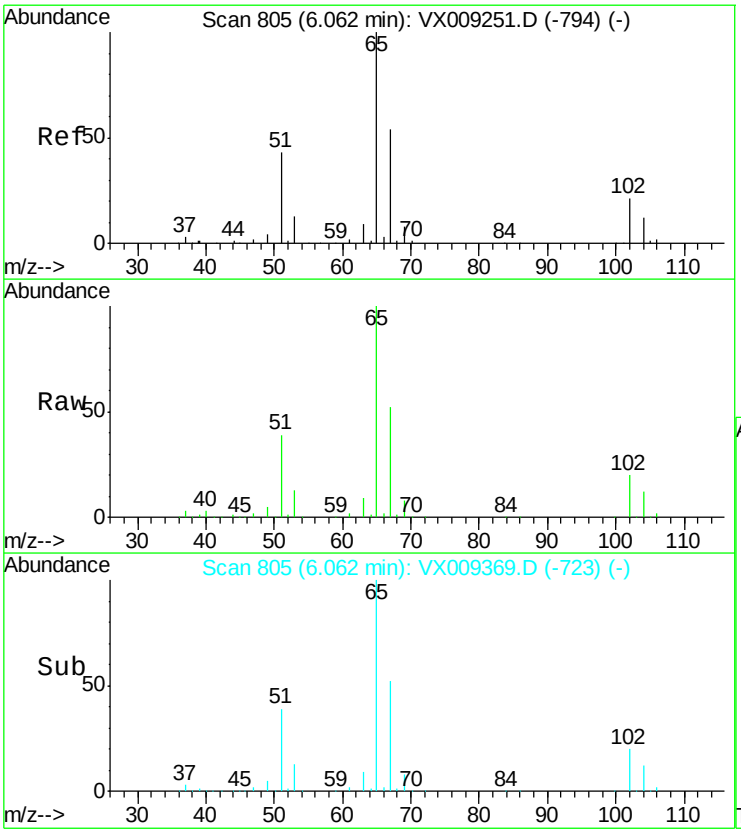
#15
Acetone
Concen: 0.205 ug/l
RT: 2.43 min Scan# 210
Delta R.T. -0.01 min
Lab File: VX009369.D
Acq: 07 May 2019 11:03

Instrument :
MSVOA_F
ClientSampleId :
VX0507WBL01

Tgt Ion: 58 Resp: 83

Ion	Ratio	Lower	Upper
58	100		
43	182.9	264.0	396.0#

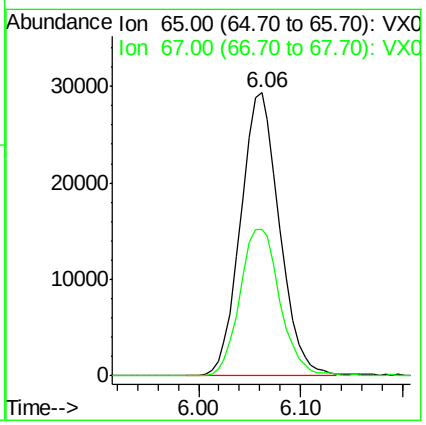


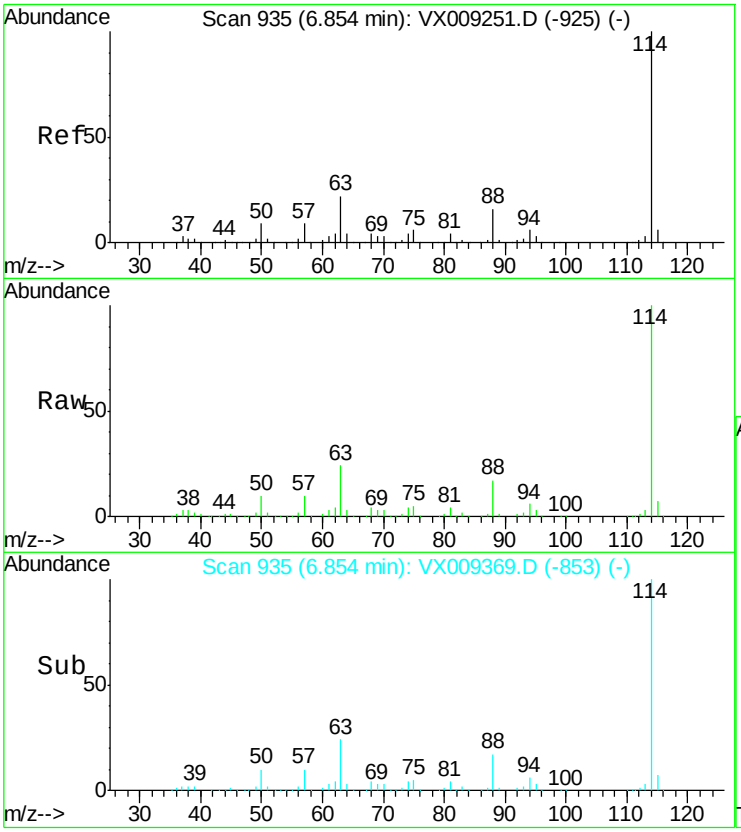


#27
1,2-Dichloroethane-d4
Concen: 29.753 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX009369.D
Acq: 07 May 2019 11:03

Tgt Ion: 65 Resp: 77770

Ion	Ratio	Lower	Upper
65	100		
67	53.1	43.1	64.7



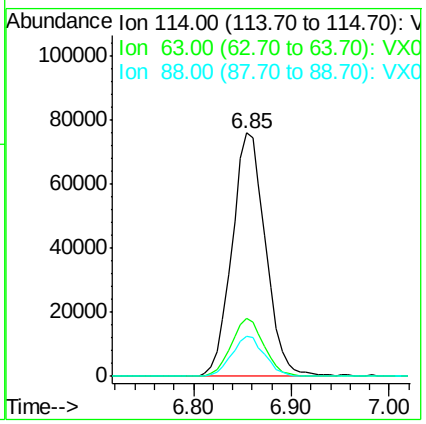


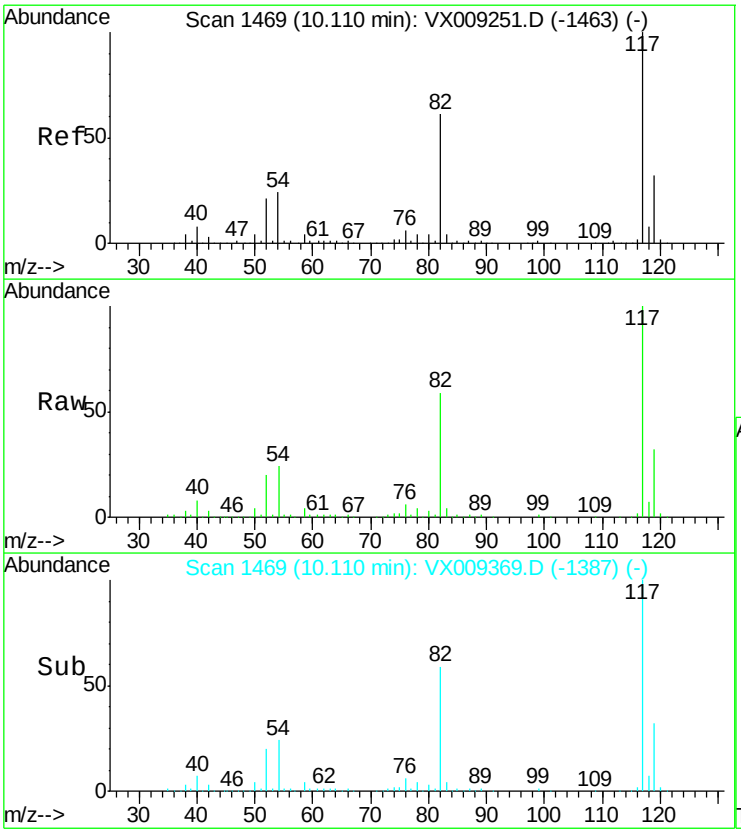
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.85 min Scan# 935
Delta R.T. 0.00 min
Lab File: VX009369.D
Acq: 07 May 2019 11:03

Instrument :
MSVOA_F
ClientSampleId :
VX0507WBL01

Tgt Ion:114 Resp: 180607

Ion	Ratio	Lower	Upper
114	100		
63	23.2	18.0	27.0
88	16.1	13.4	20.0

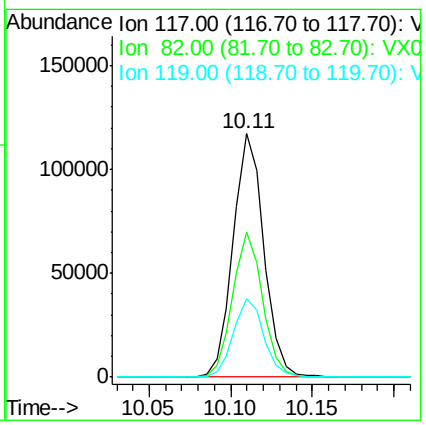


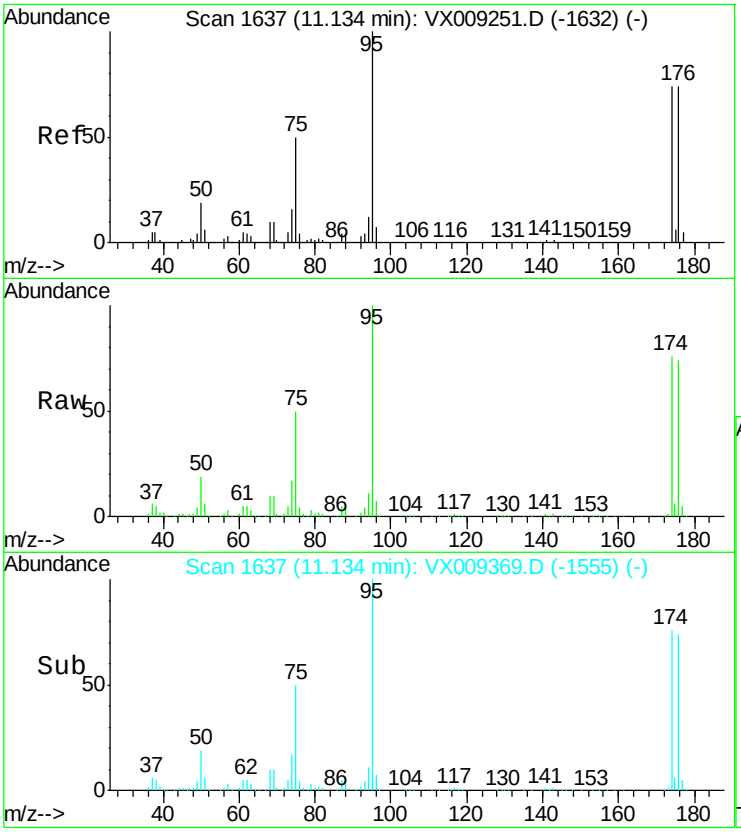


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009369.D
Acq: 07 May 2019 11:03

Tgt Ion:117 Resp: 153633

Ion	Ratio	Lower	Upper
117	100		
82	58.4	47.8	71.8
119	32.2	25.6	38.4



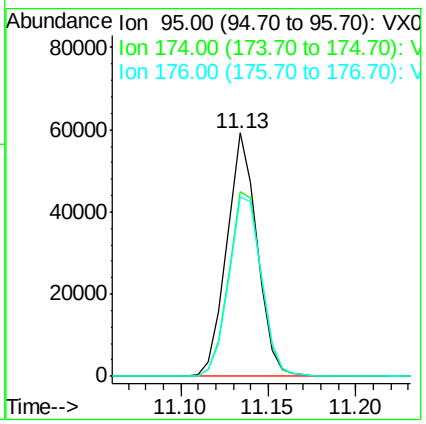


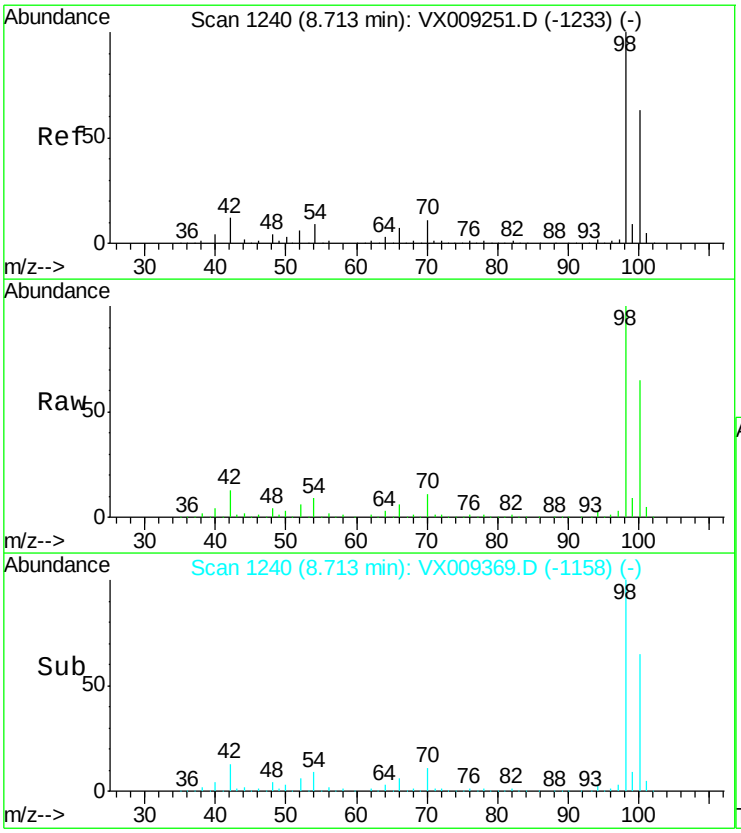
#60
4-Bromofluorobenzene
Concen: 27.486 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX009369.D
Acq: 07 May 2019 11:03

Instrument :
MSVOA_F
ClientSampleId :
VX0507WBL01

Tgt Ion: 95 Resp: 71754

Ion	Ratio	Lower	Upper
95	100		
174	81.7	63.6	95.4
176	79.8	62.4	93.6

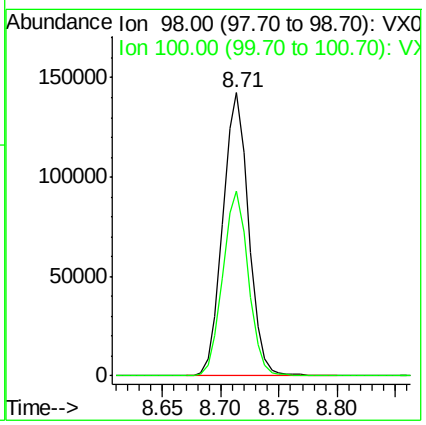


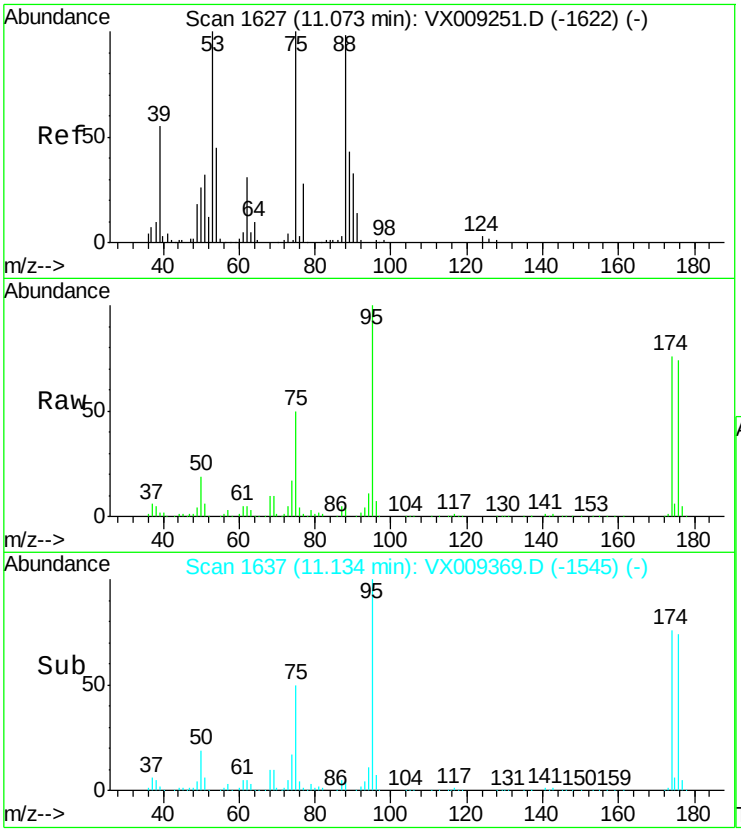


#63
Toluene-d8
Concen: 30.109 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009369.D
Acq: 07 May 2019 11:03

Tgt Ion: 98 Resp: 219313

Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.3	78.5





#77
t-1,4-Dichloro-2-butene
Concen: 32.115 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX009369.D
Acq: 07 May 2019 11:03

Instrument :
MSVOA_F
ClientSampleId :
VX0507WBL01

Tgt Ion: 75 Resp: 36100

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