Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX022120\
Data File : VX014990.D
Acq On : 21 Feb 2020 12:43
Operator : JC/SP
Sample : L1618-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : TRIP-BLANK

Quant Time: Feb 21 13:25:18 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X022120W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Feb 21 11:08:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	75127	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	396944	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	352970	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.05	65	153368	29.36	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 97.87%			
60) 4-Bromofluorobenzene	11.13	95	152384	27.72	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 92.40%			
63) Toluene-d8	8.71	98	461899	30.01	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 100.03%			
Target Compounds						Qvalue
5) Bromomethane	1.66	94	1574	0.48	ug/l	84
11) Methyl Iodide	2.51	142	1685	0.35	ug/l #	79
13) Acrolein	2.03	56	316	0.32	ug/l	85
23) tert-Butyl Alcohol	3.03	59	266	0.30	ug/l #	1
90) Hexachlorobutadiene	13.77	225	690	0.21	ug/l	81

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

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TRIP-BLANK

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Feb 21 11:08:45 2020
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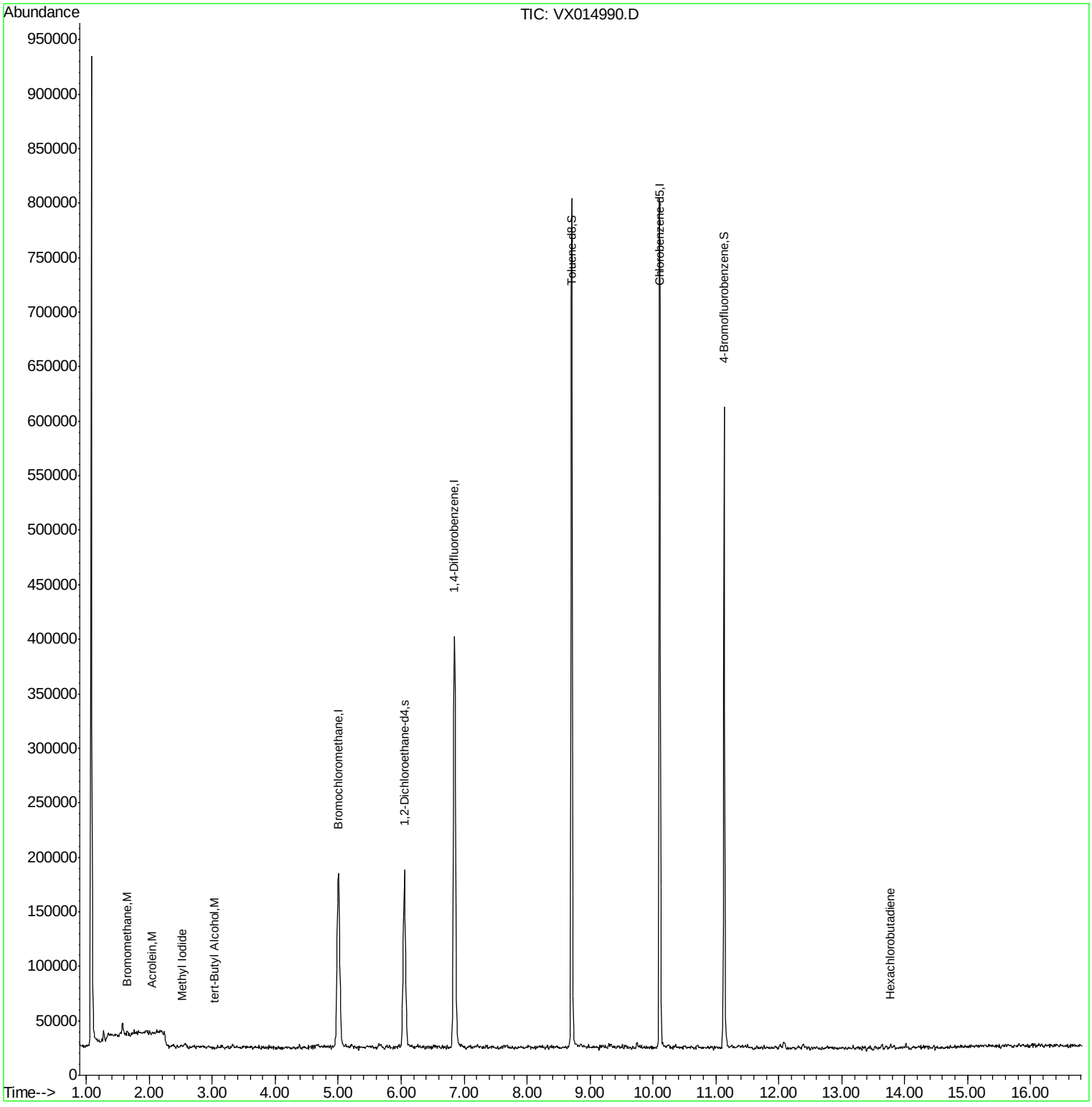
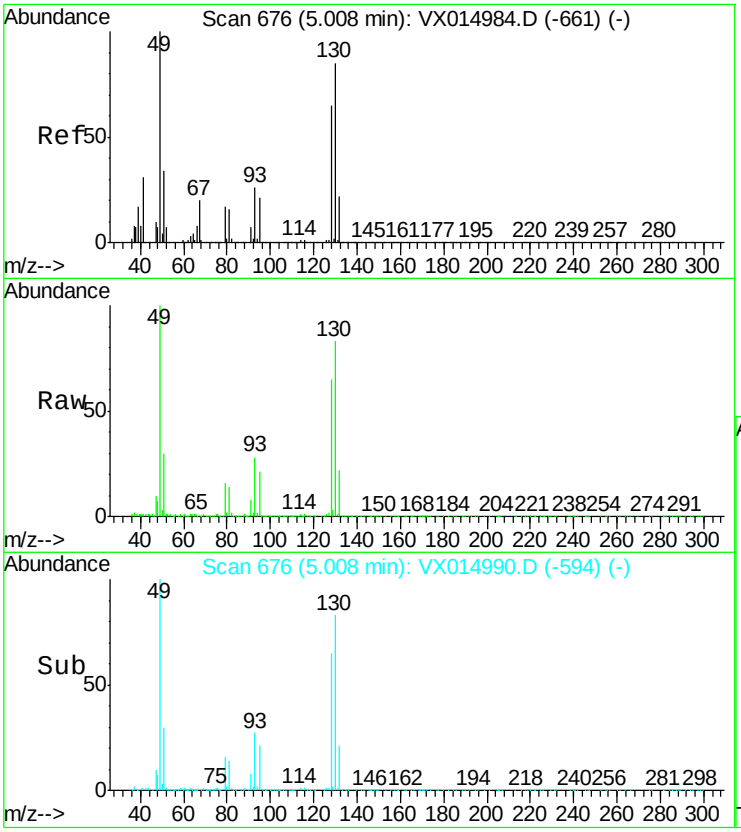


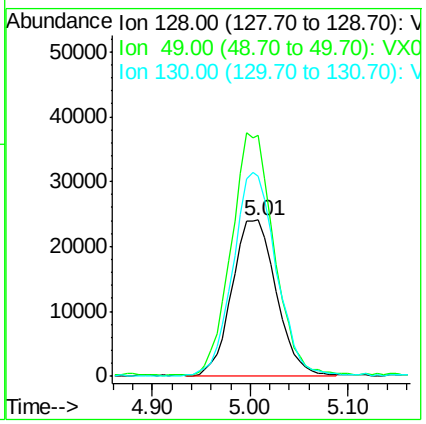


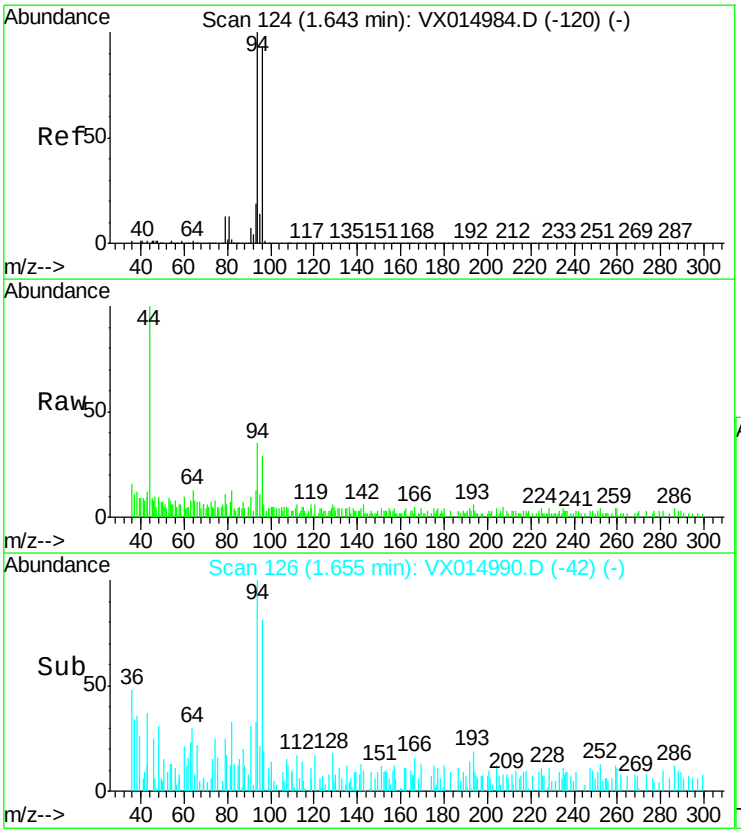
#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX014990.D
Acq: 21 Feb 2020 12:43

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

Tgt Ion:128 Resp: 75127

Ion	Ratio	Lower	Upper
128	100		
49	151.6	0.0	384.7
130	128.7	0.0	330.8

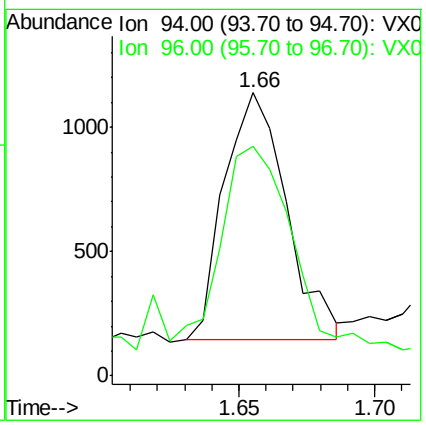


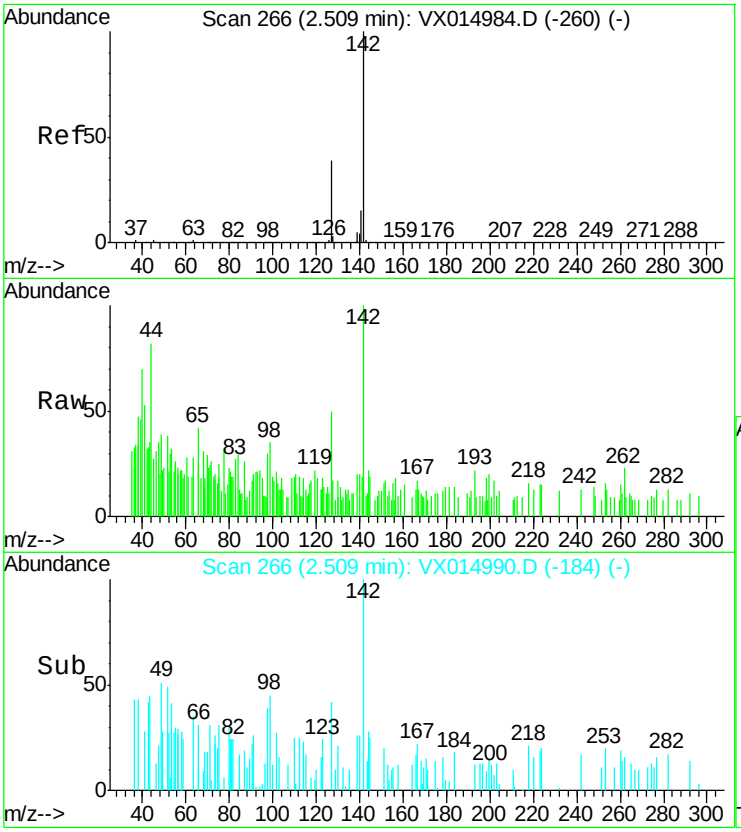


#5
Bromomethane
Concen: 0.48 ug/l
RT: 1.66 min Scan# 126
Delta R.T. 0.01 min
Lab File: VX014990.D
Acq: 21 Feb 2020 12:43

Tgt Ion: 94 Resp: 1574

Ion	Ratio	Lower	Upper
94	100		
96	77.5	74.6	112.0



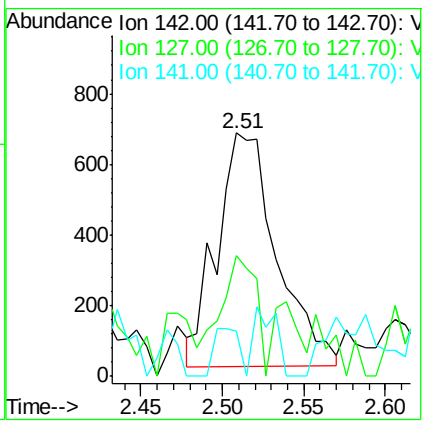


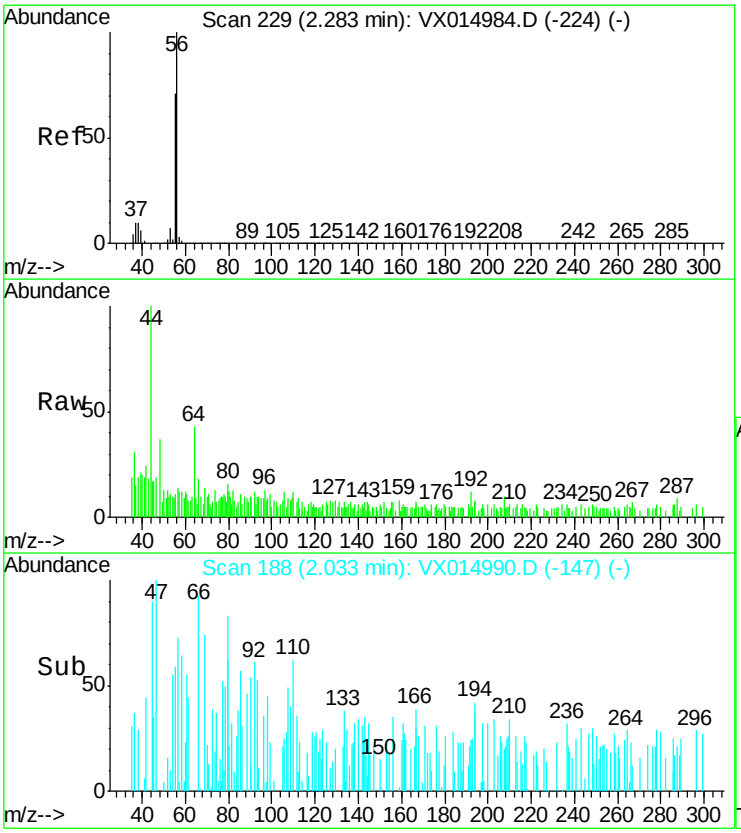
#11
Methyl Iodide
Concen: 0.35 ug/l
RT: 2.51 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX014990.D
Acq: 21 Feb 2020 12:43

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

Tgt Ion:142 Resp: 1685

Ion	Ratio	Lower	Upper
142	100		
127	53.1	19.7	59.0
141	7.3	7.4	22.2#

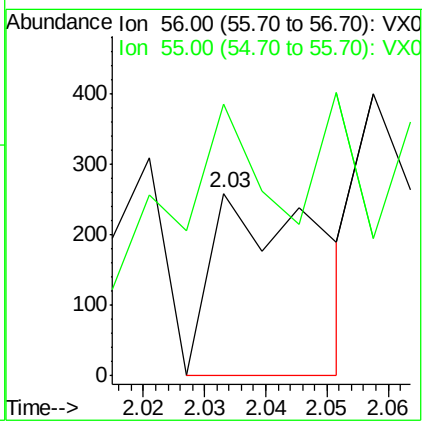


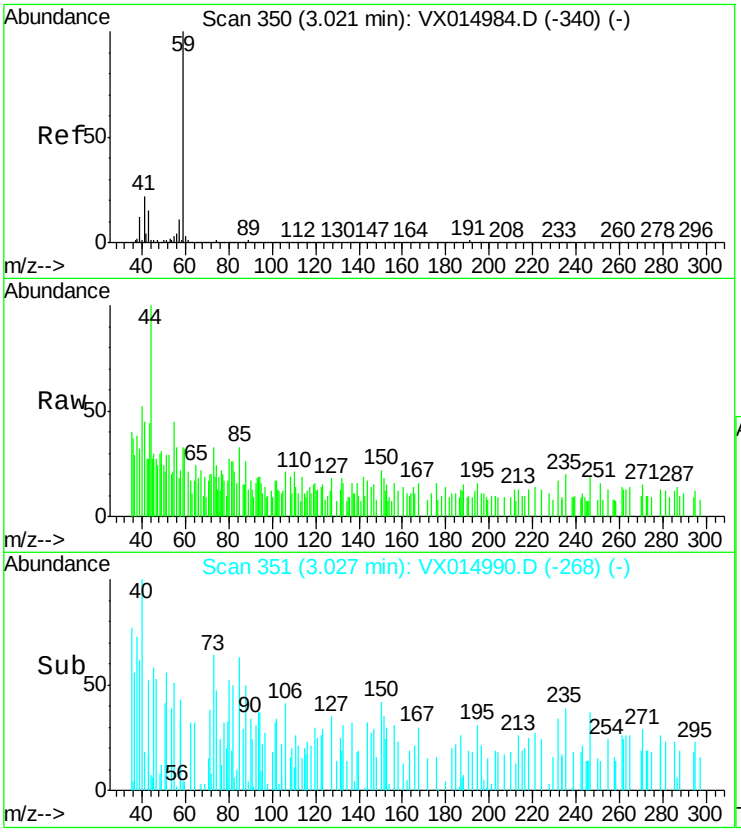


#13
Acrolein
Concen: 0.32 ug/l
RT: 2.03 min Scan# 188
Delta R.T. -0.25 min
Lab File: VX014990.D
Acq: 21 Feb 2020 12:43

Tgt Ion: 56 Resp: 316

Ion	Ratio	Lower	Upper
56	100		
55	82.6	56.2	84.2



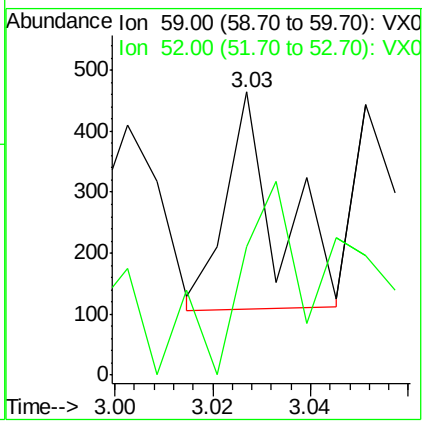


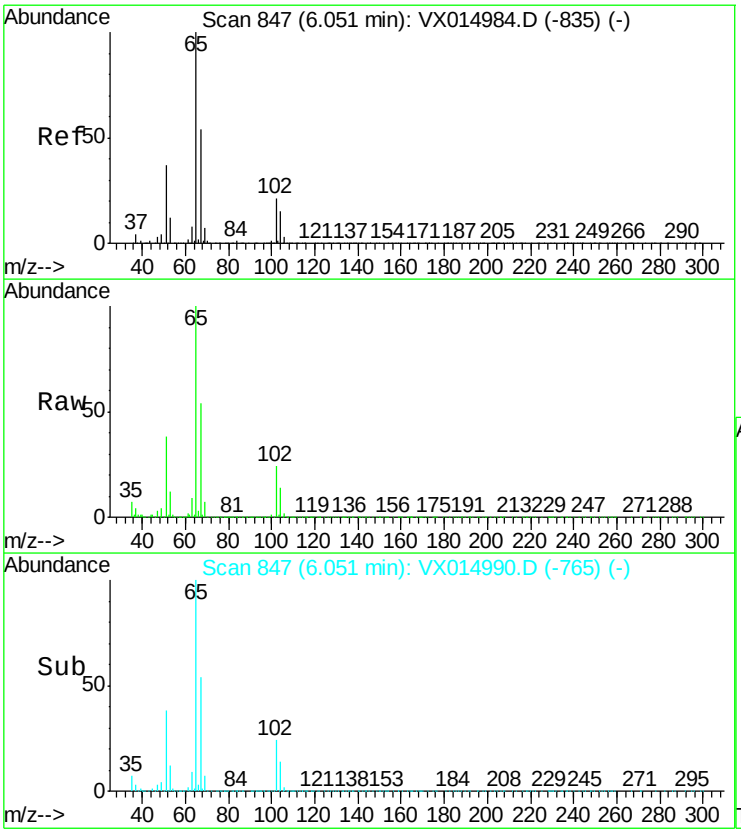
#23
tert-Butyl Alcohol
Concen: 0.30 ug/l
RT: 3.03 min Scan# 351
Delta R.T. 0.01 min
Lab File: VX014990.D
Acq: 21 Feb 2020 12:43

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

Tgt Ion: 59 Resp: 266

Ion	Ratio	Lower	Upper
59	100		
52	84.2	0.4	0.6#

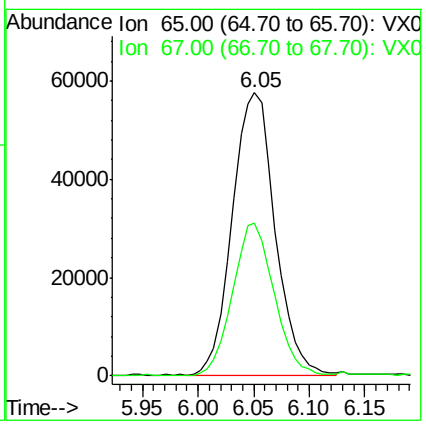


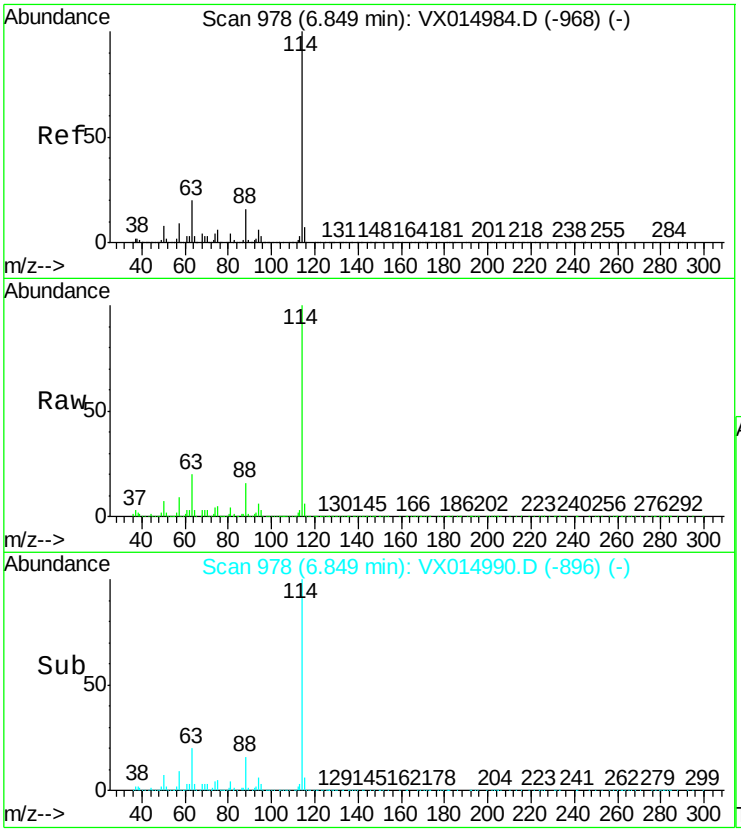


#27
1,2-Dichloroethane-d4
Concen: 29.36 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX014990.D
Acq: 21 Feb 2020 12:43

Tgt Ion: 65 Resp: 153368

Ion	Ratio	Lower	Upper
65	100		
67	52.1	41.9	62.9



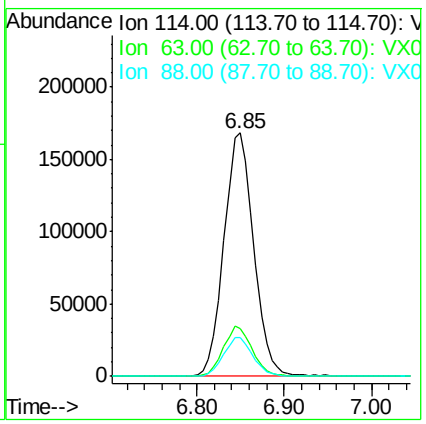


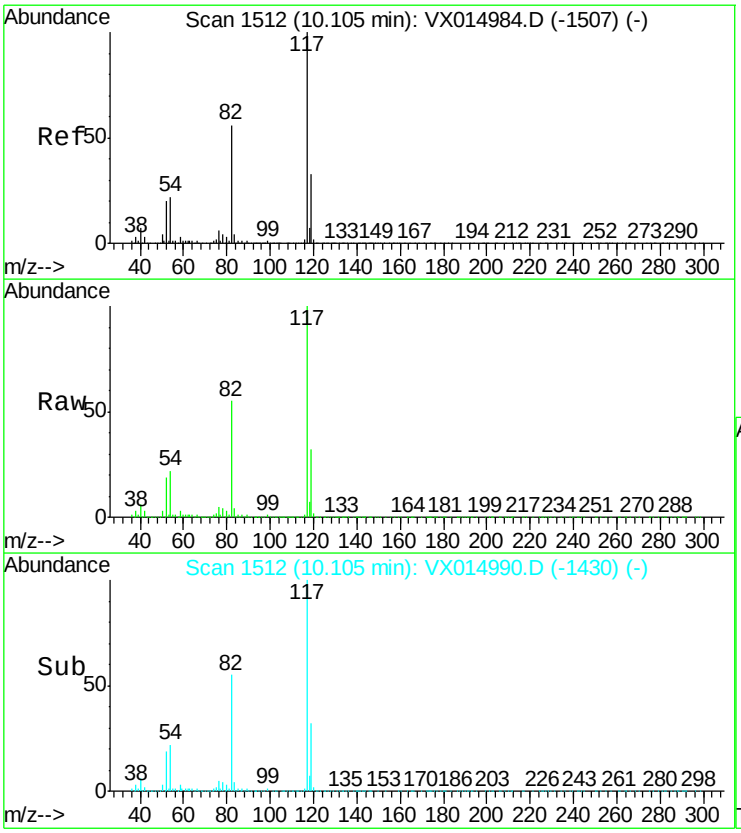
#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX014990.D
Acq: 21 Feb 2020 12:43

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

Tgt Ion:114 Resp: 396944

Ion	Ratio	Lower	Upper
114	100		
63	19.9	15.6	23.4
88	15.6	12.2	18.2

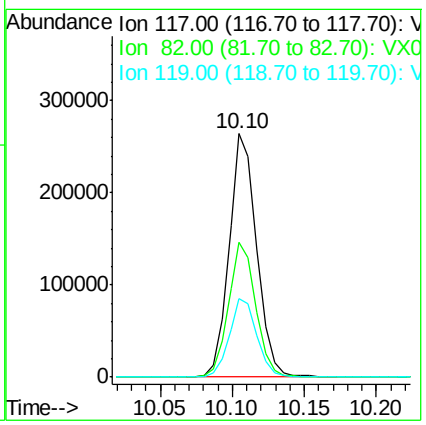


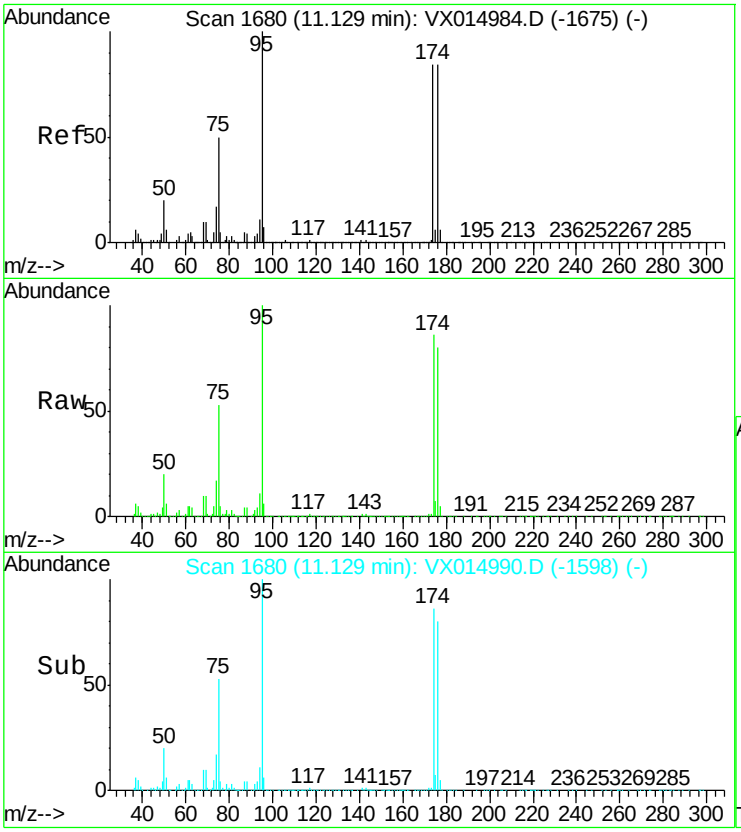


#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. 0.00 min
Lab File: VX014990.D
Acq: 21 Feb 2020 12:43

Tgt Ion:117 Resp: 352970

Ion	Ratio	Lower	Upper
117	100		
82	54.9	43.4	65.2
119	32.2	26.0	39.0



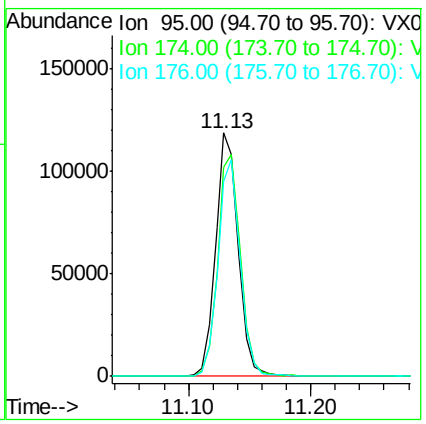


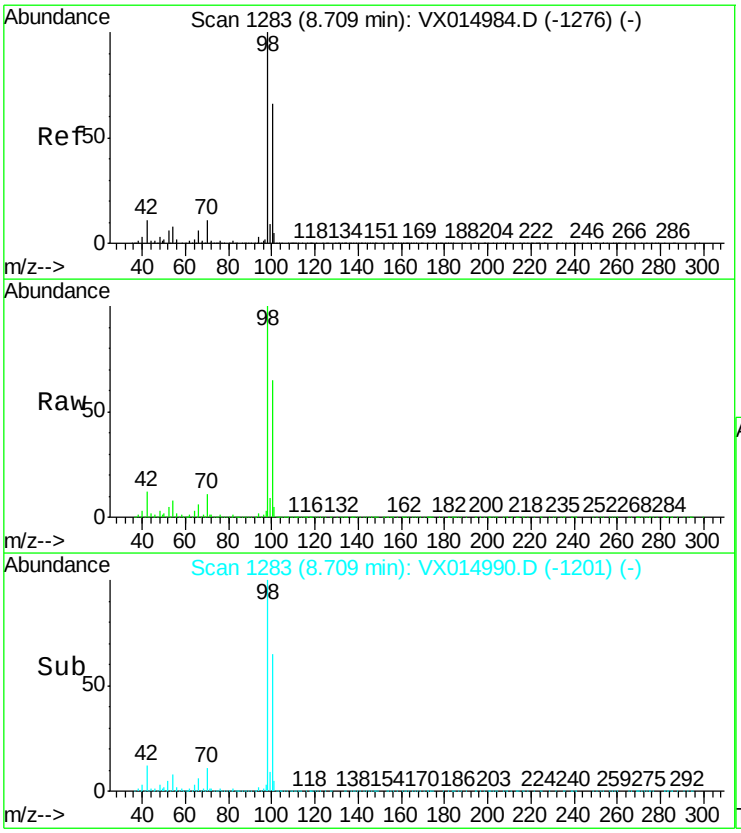
#60
4-Bromofluorobenzene
Concen: 27.72 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX014990.D
Acq: 21 Feb 2020 12:43

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

Tgt Ion: 95 Resp: 152384

Ion	Ratio	Lower	Upper
95	100		
174	91.8	72.3	108.5
176	86.8	72.0	108.0

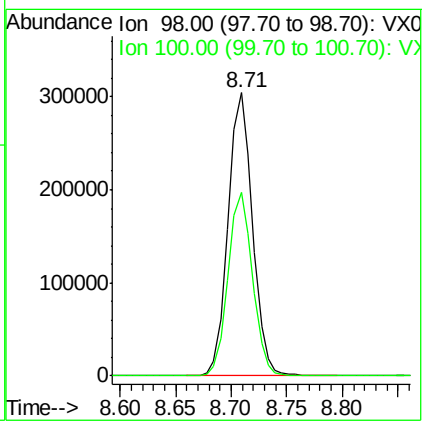


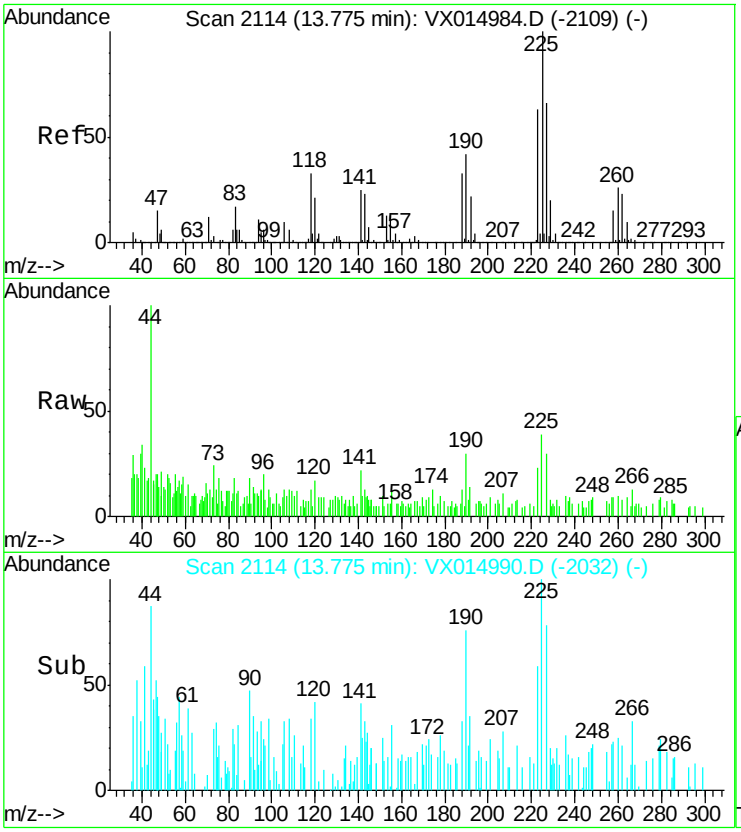


#63
Toluene-d8
Concen: 30.01 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014990.D
Acq: 21 Feb 2020 12:43

Tgt Ion: 98 Resp: 461899

Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.8	79.2





#90
Hexachlorobutadiene
Concen: 0.21 ug/l
RT: 13.77 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VX014990.D
Acq: 21 Feb 2020 12:43

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

Tgt Ion:225 Resp: 690

Ion	Ratio	Lower	Upper
225	100		
223	54.1	0.0	132.0
227	84.2	0.0	131.0