Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX032620\
Data File : VX015354.D
Acq On : 26 Mar 2020 12:08
Operator : JC/SP
Sample : VX0326WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Mar 27 07:47:39 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X032520W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Mar 26 02:31:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	212457	30.00	ug/l	-0.01
28) 1,4-Difluorobenzene	6.83	114	1193689	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	1060774	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.03	65	491976	29.63	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 98.77%			
60) 4-Bromofluorobenzene	11.12	95	530246	29.21	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 97.37%			
63) Toluene-d8	8.70	98	1385111	30.73	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 102.43%			
Target Compounds						Qvalue
3) Chloromethane	1.31	50	5935	0.474	ug/l	97
5) Bromomethane	1.64	94	3496	0.545	ug/l	88
11) Methyl Iodide	2.50	142	8128	0.529	ug/l	92
18) Methylene Chloride	2.83	84	2962	0.228	ug/l #	80
23) tert-Butyl Alcohol	2.99	59	4422	1.241	ug/l #	91
45) 1,4-Dioxane	7.73	88	136	0.392	ug/l #	1

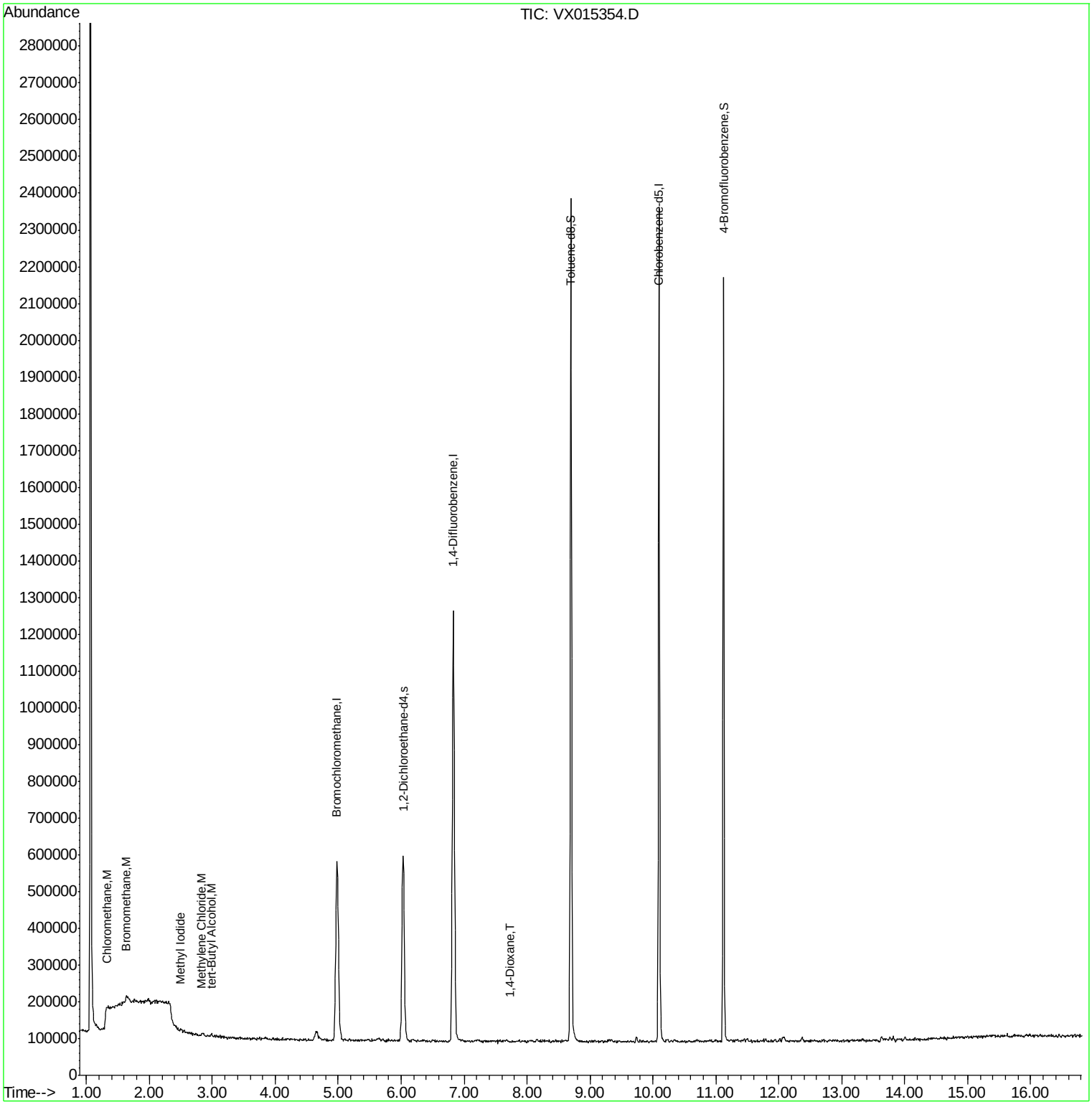
(#) = qualifier out of range (m) = manual integration (+) = signals summed

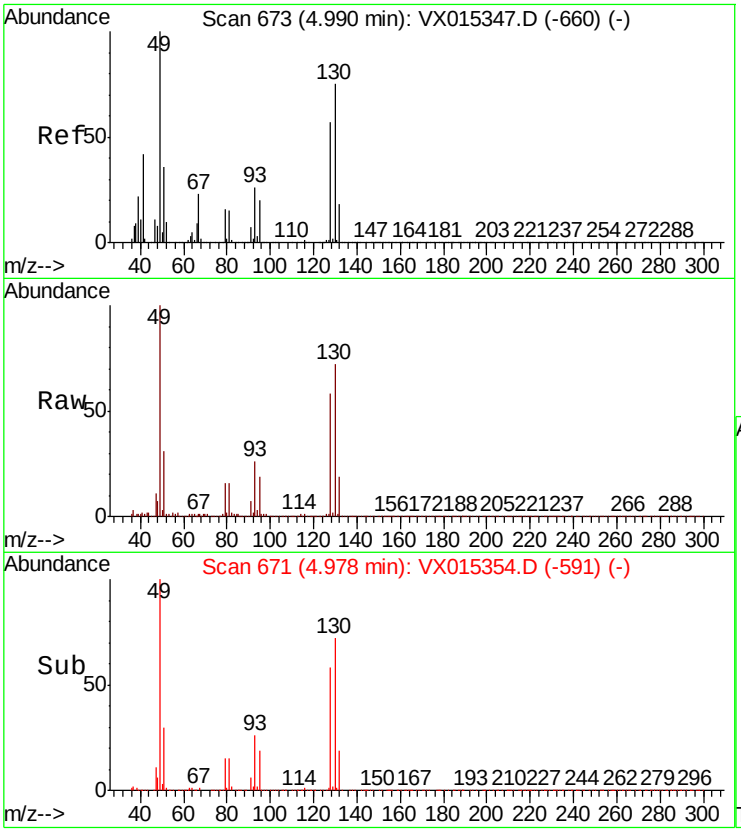
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX032620\
Data File : VX015354.D
Acq On : 26 Mar 2020 12:08
Operator : JC/SP
Sample : VX0326WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Mar 27 07:47:39 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X032520W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Mar 26 02:31:53 2020
Response via : Initial Calibration



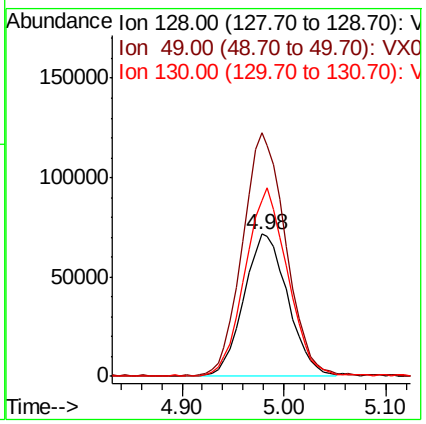


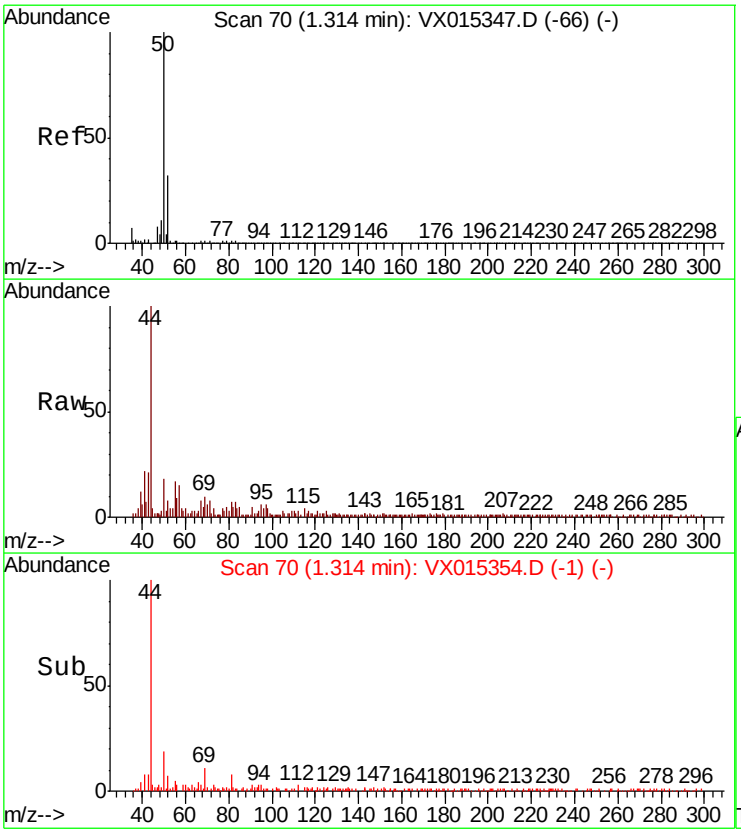
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.98 min Scan# 671
Delta R.T. -0.01 min
Lab File: VX015354.D
Acq: 26 Mar 2020 12:08

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 212457

Ion	Ratio	Lower	Upper
128	100		
49	168.6	0.0	428.0
130	129.4	0.0	324.5

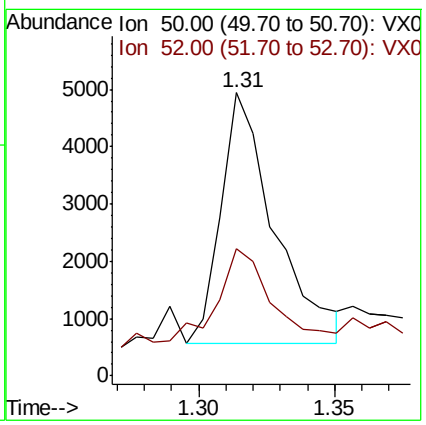


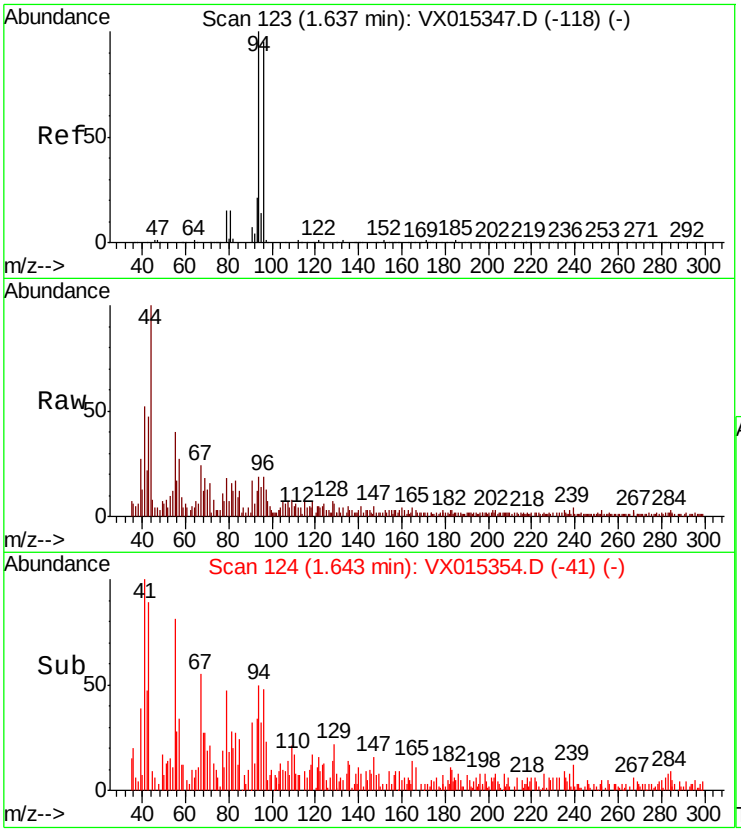


#3
Chloromethane
Concen: 0.474 ug/l
RT: 1.31 min Scan# 70
Delta R.T. 0.00 min
Lab File: VX015354.D
Acq: 26 Mar 2020 12:08

Tgt Ion: 50 Resp: 5935

Ion	Ratio	Lower	Upper
50	100		
52	33.6	25.5	38.3



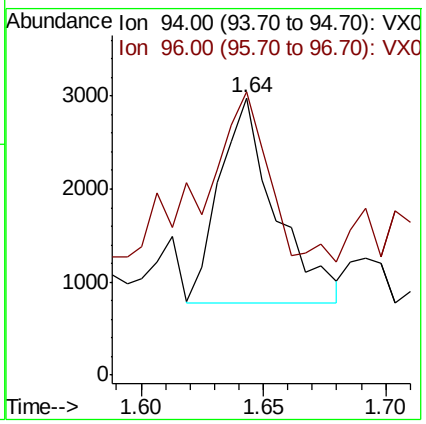


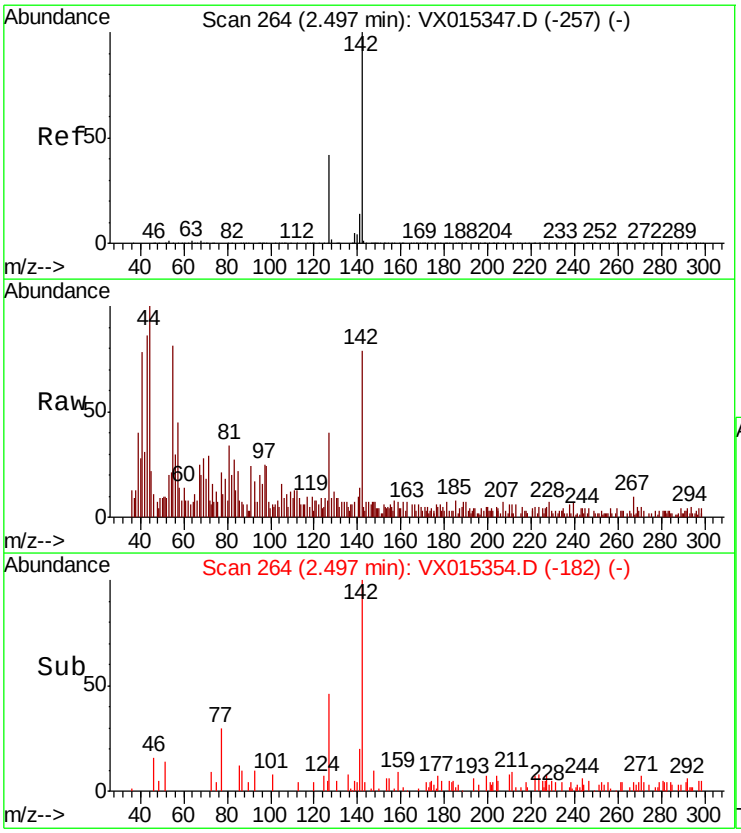
#5
Bromomethane
Concen: 0.545 ug/l
RT: 1.64 min Scan# 124
Delta R.T. 0.01 min
Lab File: VX015354.D
Acq: 26 Mar 2020 12:08

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 94 Resp: 3496

Ion	Ratio	Lower	Upper
94	100		
96	83.3	76.1	114.1

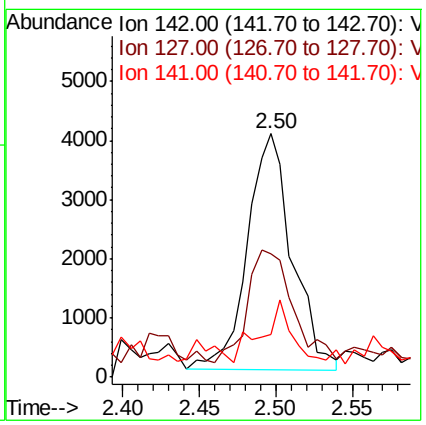


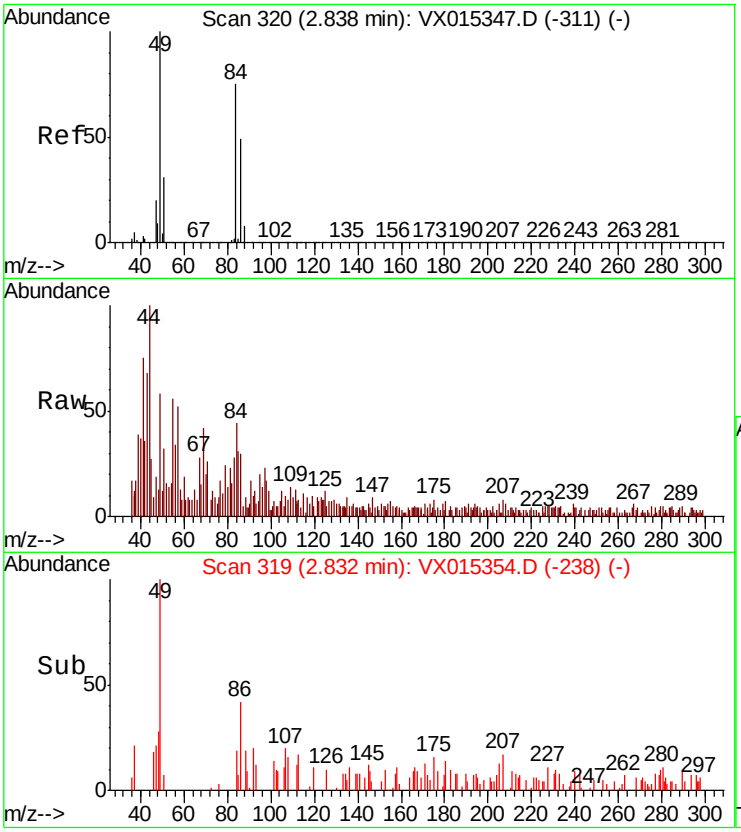


#11
Methyl Iodide
Concen: 0.529 ug/l
RT: 2.50 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX015354.D
Acq: 26 Mar 2020 12:08

Tgt Ion:142 Resp: 8128

Ion	Ratio	Lower	Upper
142	100		
127	45.8	21.0	63.0
141	8.9	6.9	20.7



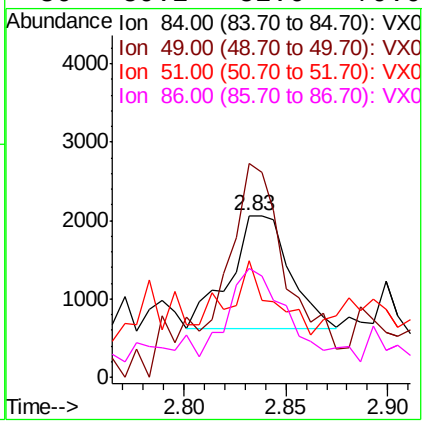


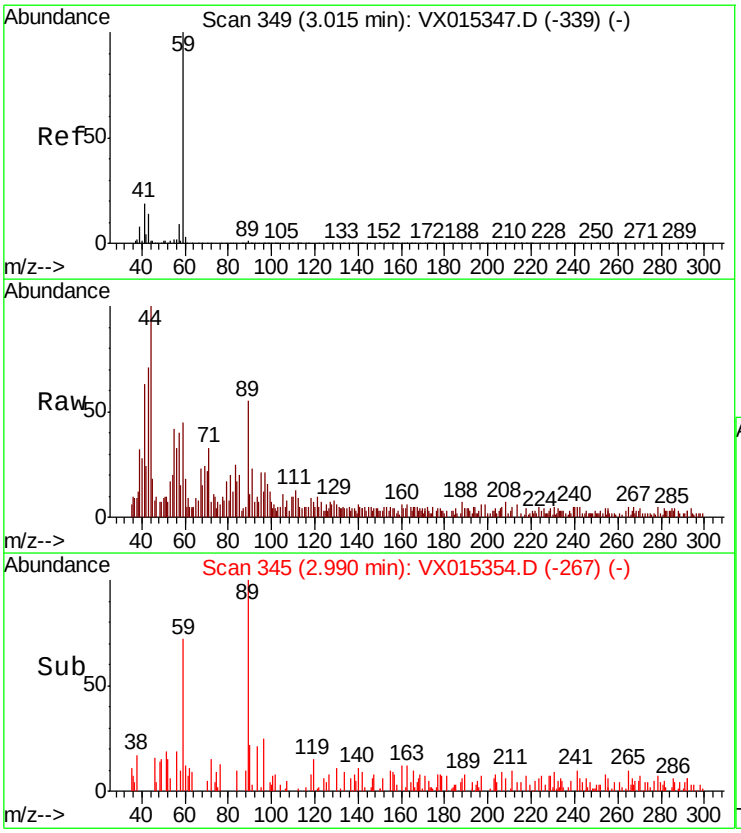
#18
Methylene Chloride
Concen: 0.228 ug/l
RT: 2.83 min Scan# 319
Delta R.T. -0.01 min
Lab File: VX015354.D
Acq: 26 Mar 2020 12:08

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 84 Resp: 2962

Ion	Ratio	Lower	Upper
84	100		
49	163.5	107.0	160.4#
51	57.1	33.4	50.0#
86	59.2	52.6	79.0

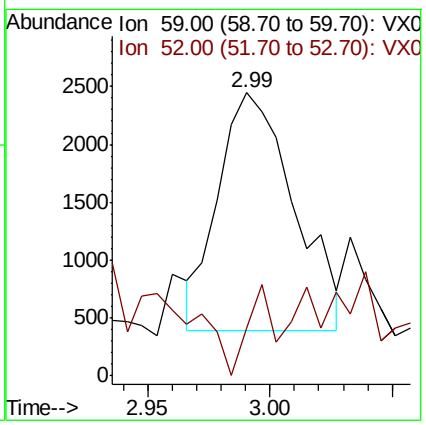


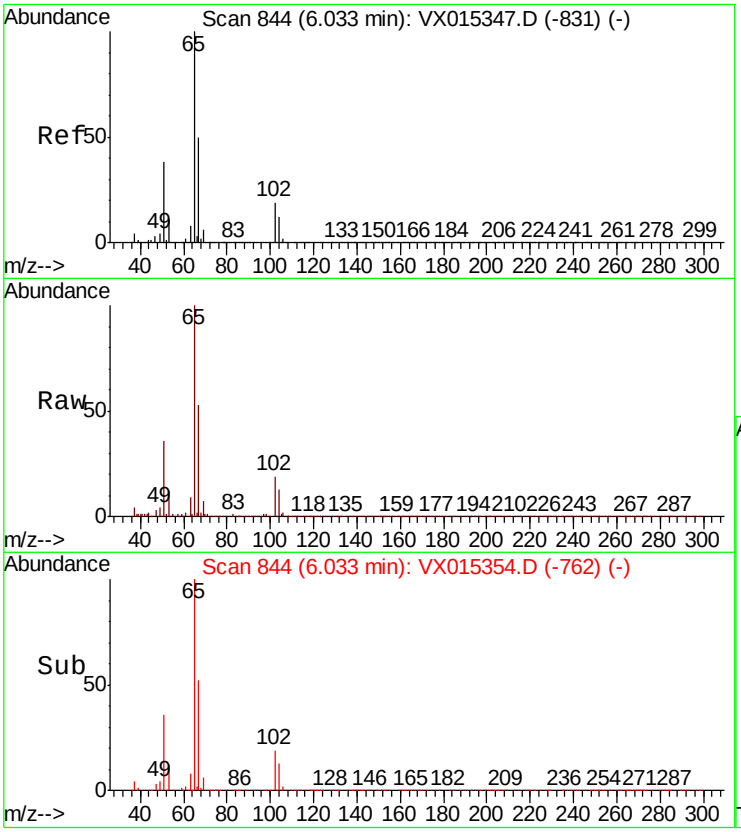


#23
tert-Butyl Alcohol
Concen: 1.241 ug/l
RT: 2.99 min Scan# 345
Delta R.T. -0.02 min
Lab File: VX015354.D
Acq: 26 Mar 2020 12:08

Tgt Ion: 59 Resp: 4422

Ion	Ratio	Lower	Upper
59	100		
52	12.3	0.2	0.2#



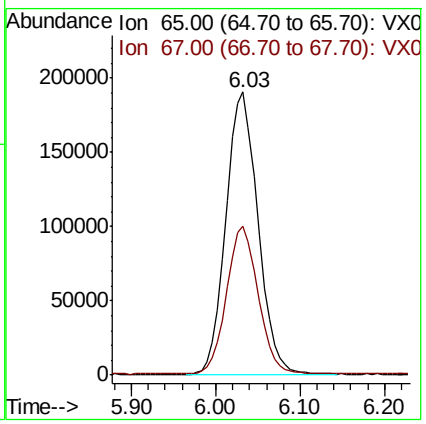


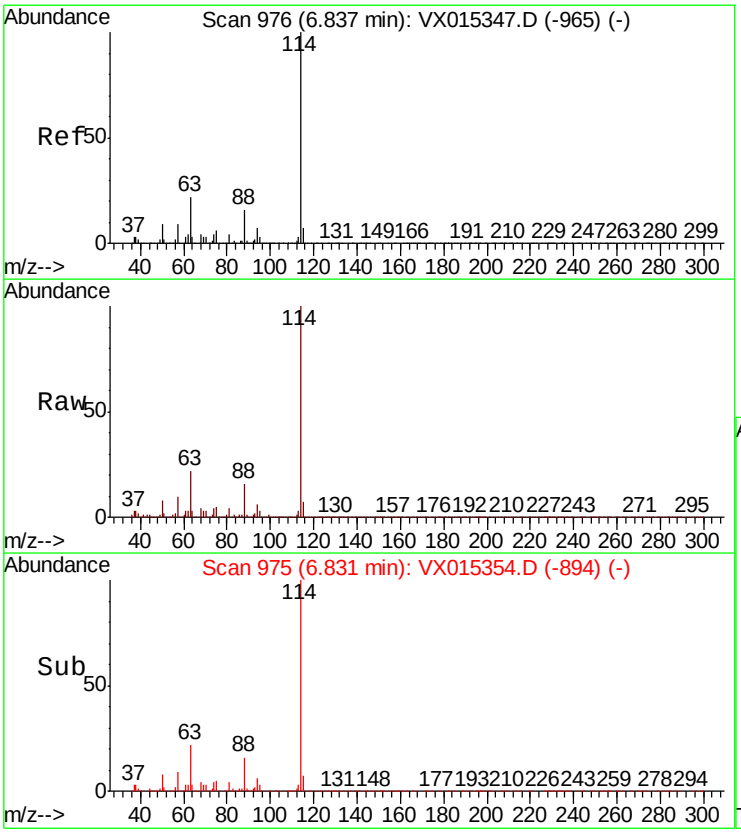
#27
1,2-Dichloroethane-d4
Concen: 29.634 ug/l
RT: 6.03 min Scan# 844
Delta R.T. 0.00 min
Lab File: VX015354.D
Acq: 26 Mar 2020 12:08

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 491976

Ion	Ratio	Lower	Upper
65	100		
67	51.3	40.9	61.3

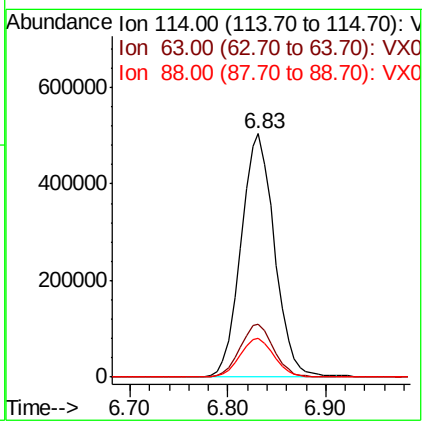


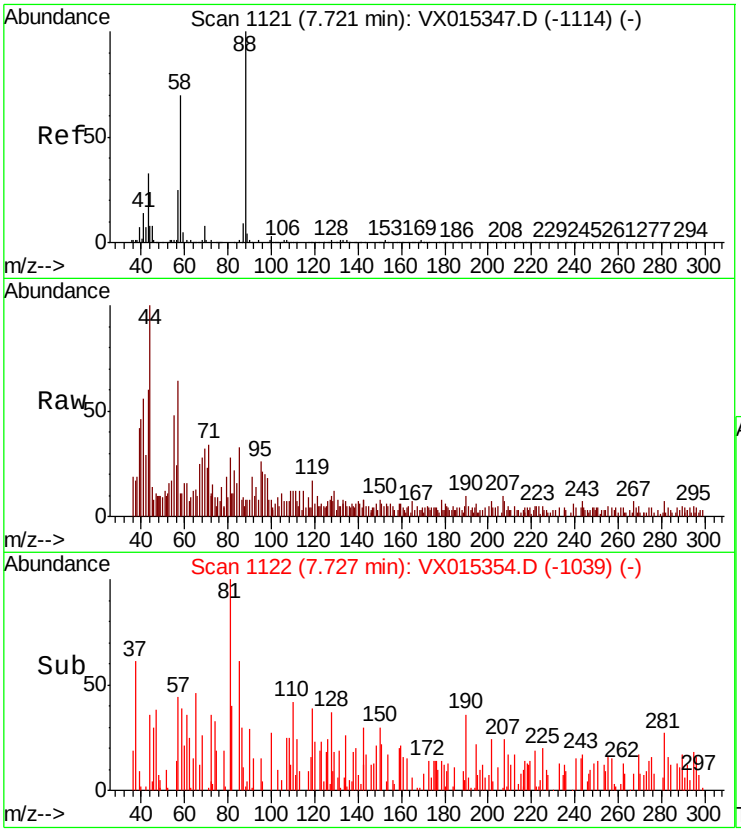


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.83 min Scan# 975
Delta R.T. -0.01 min
Lab File: VX015354.D
Acq: 26 Mar 2020 12:08

Tgt Ion:114 Resp: 1193689

Ion	Ratio	Lower	Upper
114	100		
63	21.6	17.4	26.2
88	16.2	12.9	19.3



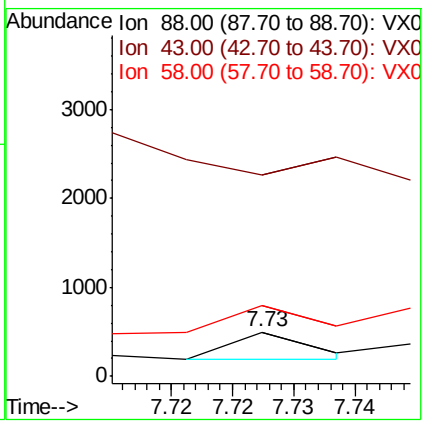


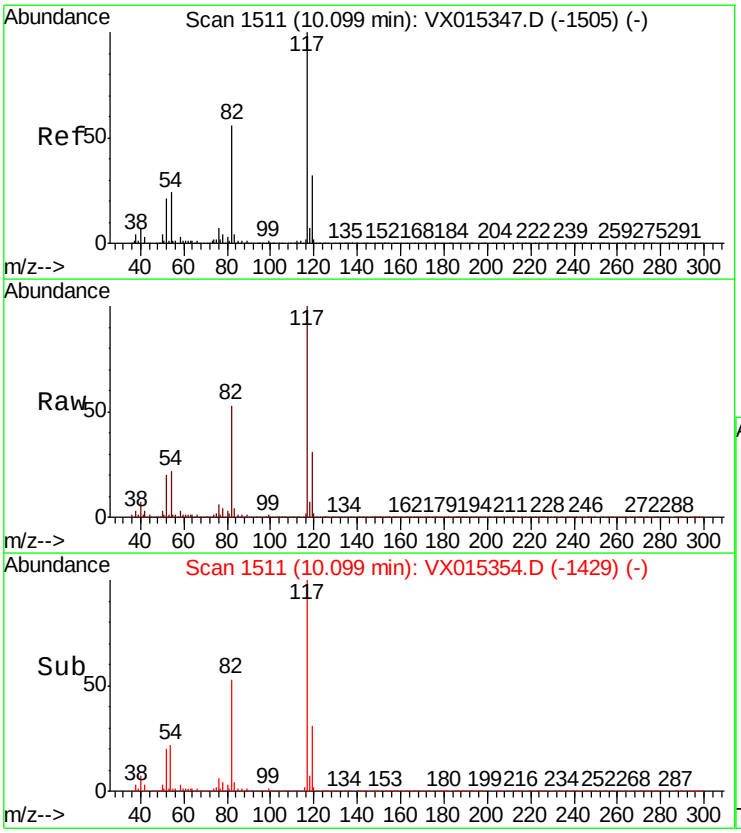
#45
1,4-Dioxane
Concen: 0.392 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. 0.01 min
Lab File: VX015354.D
Acq: 26 Mar 2020 12:08

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 88 Resp: 136

Ion	Ratio	Lower	Upper
88	100		
43	205.1	32.1	48.1#
58	631.6	59.4	89.0#

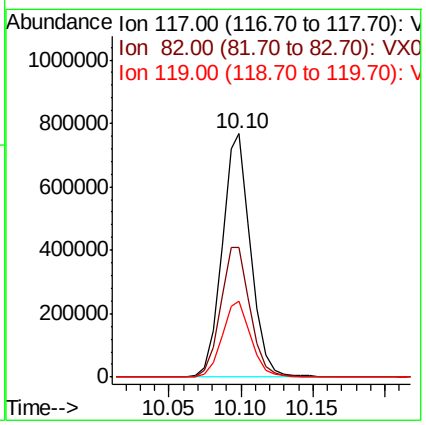


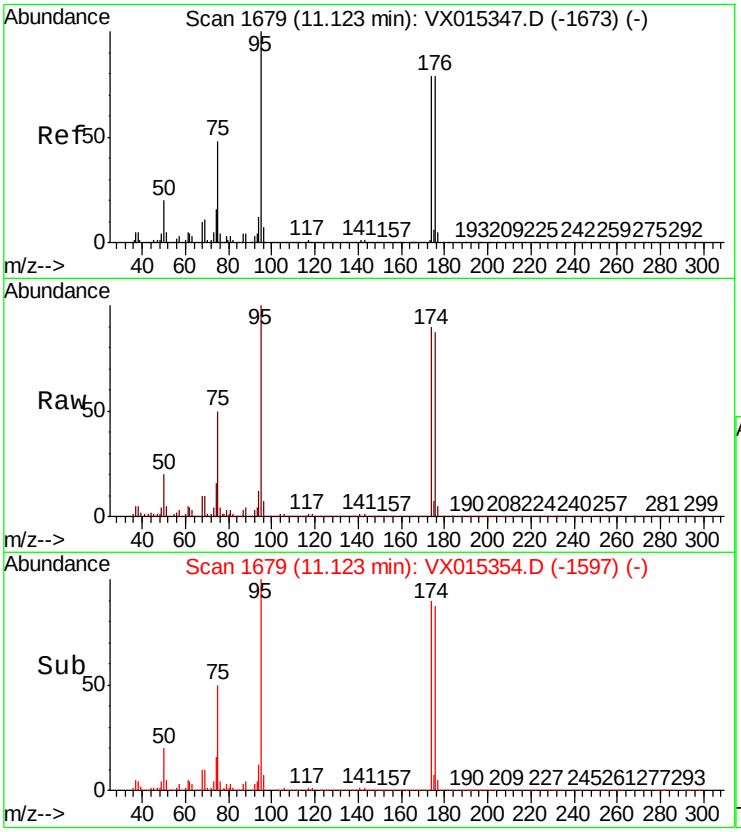


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015354.D
Acq: 26 Mar 2020 12:08

Tgt Ion:117 Resp: 1060774

Ion	Ratio	Lower	Upper
117	100		
82	55.6	45.0	67.6
119	31.7	25.5	38.3



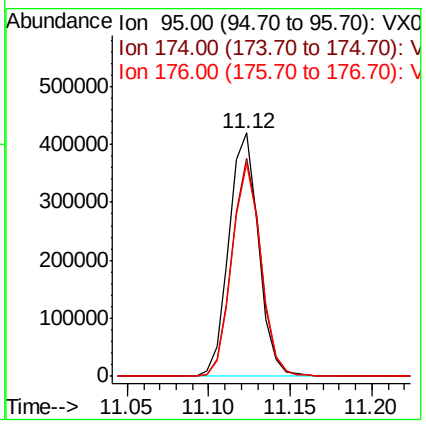


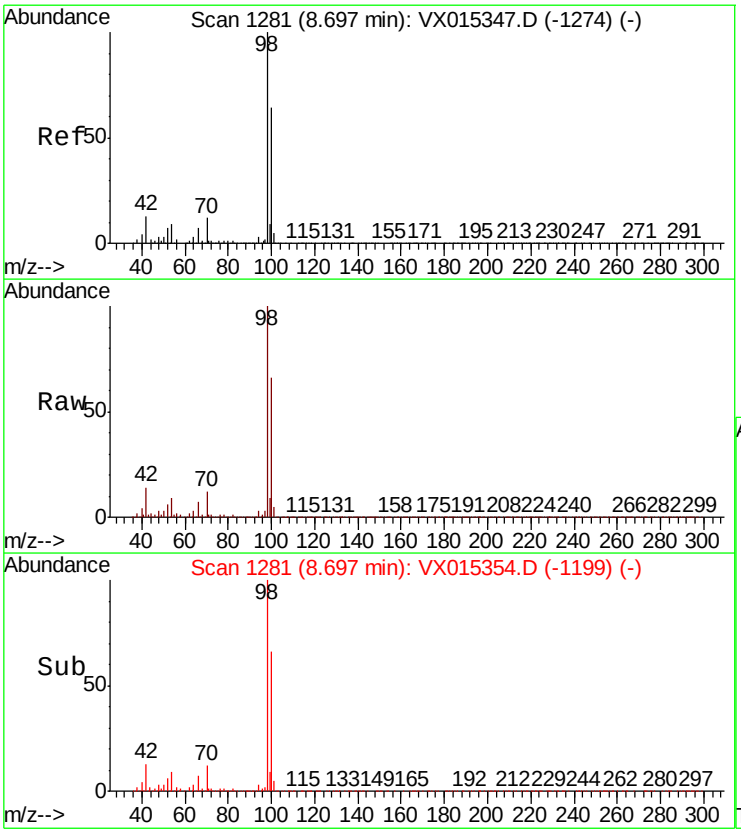
#60
4-Bromofluorobenzene
Concen: 29.208 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VX015354.D
Acq: 26 Mar 2020 12:08

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 530246

Ion	Ratio	Lower	Upper
95	100		
174	87.0	66.4	99.6
176	85.7	64.1	96.1





#63
Toluene-d8
Concen: 30.734 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VX015354.D
Acq: 26 Mar 2020 12:08

Tgt Ion: 98 Resp: 1385111

Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.2	78.2