Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX012919\
Data File : VX007283.D
Acq On : 29 Jan 2019 13:03
Operator : JC/SP
Sample : K1260-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jan 30 00:55:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X012519W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jan 28 10:35:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	77235	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	409450	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	361458	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.07	65	154822	30.54	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 101.80%			
60) 4-Bromofluorobenzene	11.13	95	153003	27.43	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 91.43%			
63) Toluene-d8	8.71	98	479488	29.43	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 98.10%			
Target Compounds						Qvalue
5) Bromomethane	1.65	94	1024	0.223	ug/l	89
13) Acrolein	2.11	56	276	0.562	ug/l	83
15) Acetone	2.62	58	240	0.332	ug/l	75
16) Carbon Disulfide	2.57	76	2185	0.227	ug/l #	47
18) Methylene Chloride	2.87	84	2608	0.568	ug/l #	74
45) 1,4-Dioxane	7.73	88	39	0.346	ug/l #	1

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

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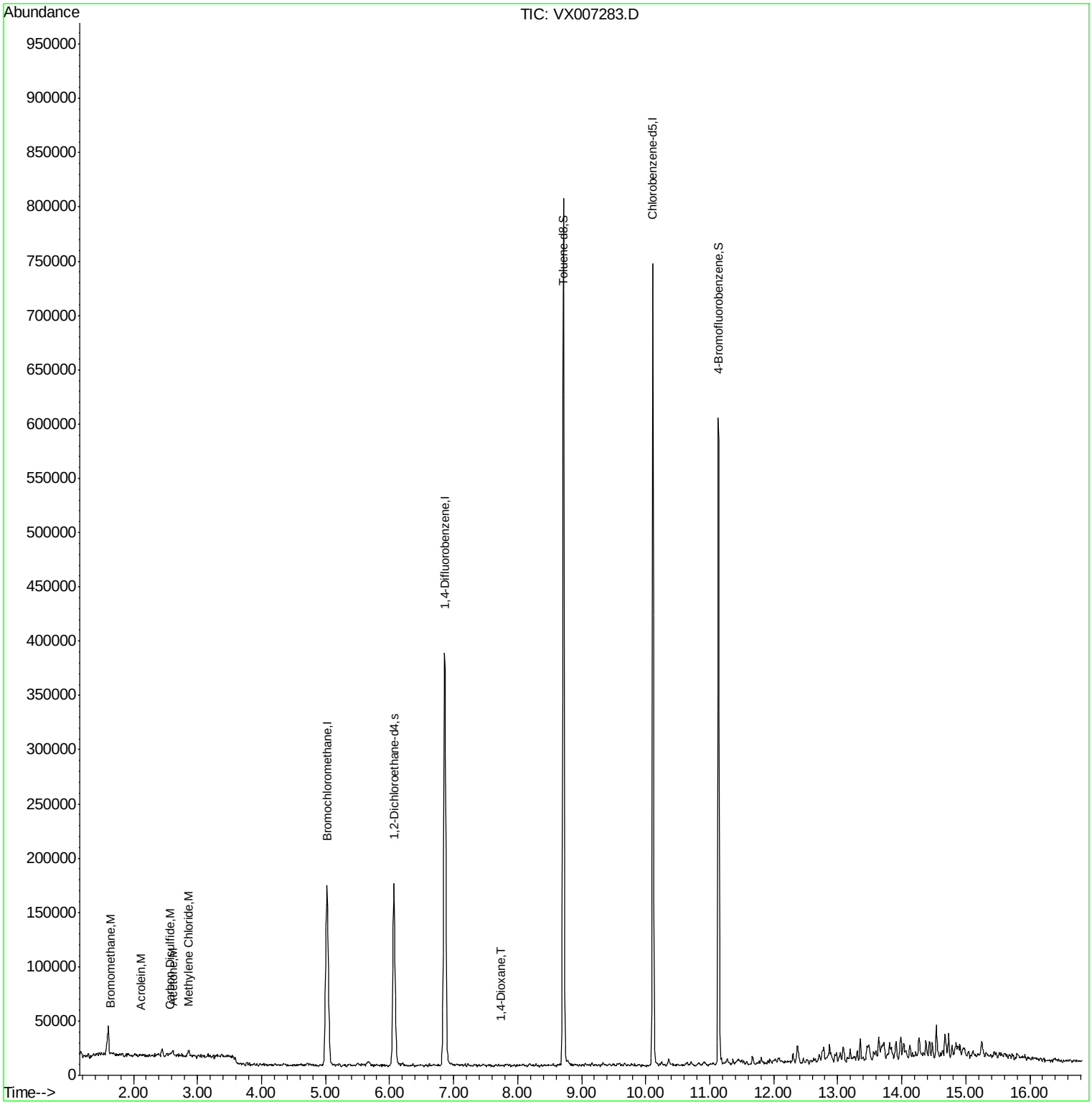
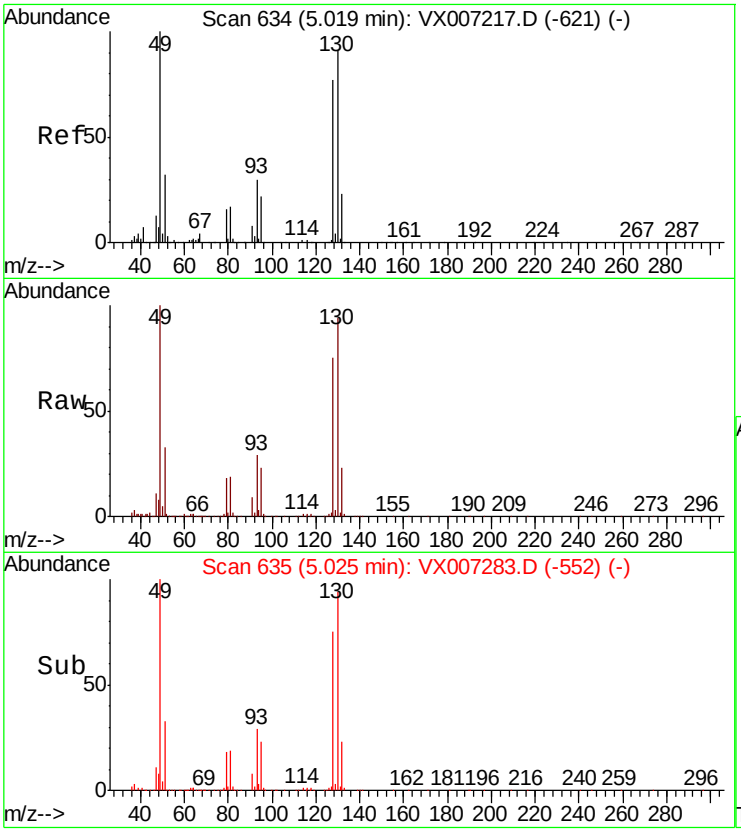
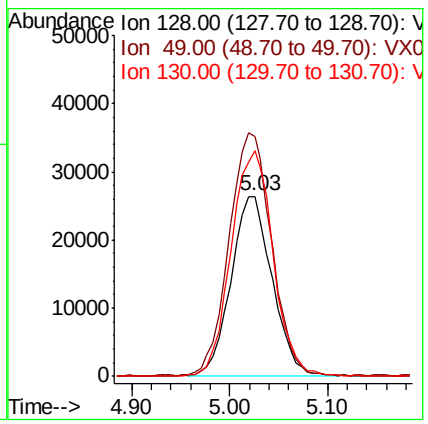


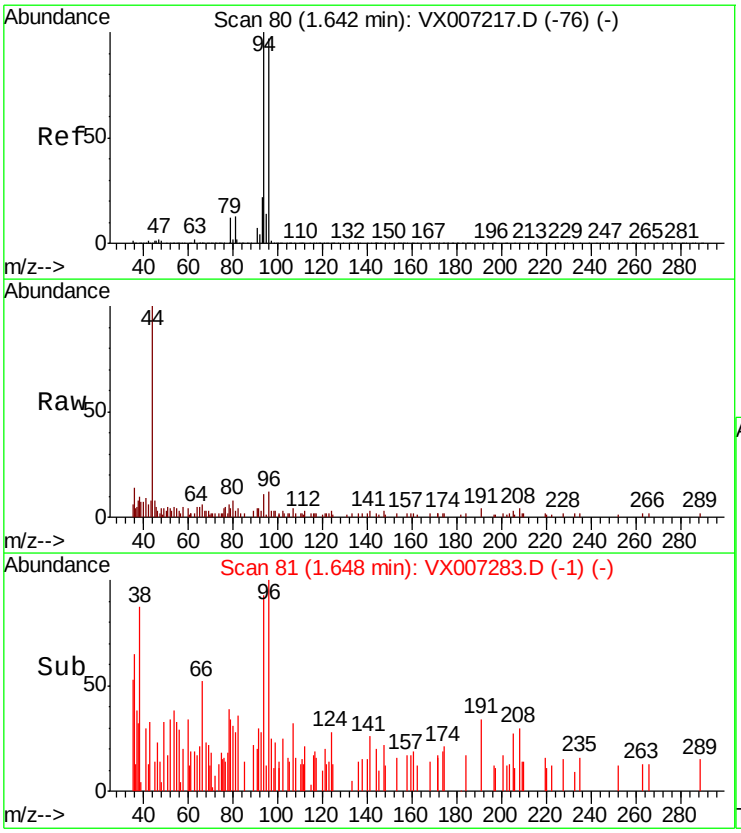


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.03 min Scan# 635
Delta R.T. 0.01 min
Lab File: VX007283.D
Acq: 29 Jan 2019 13:03

Tgt Ion:128 Resp: 77235

Ion	Ratio	Lower	Upper
128	100		
49	139.1	0.0	345.5
130	127.6	0.0	320.0

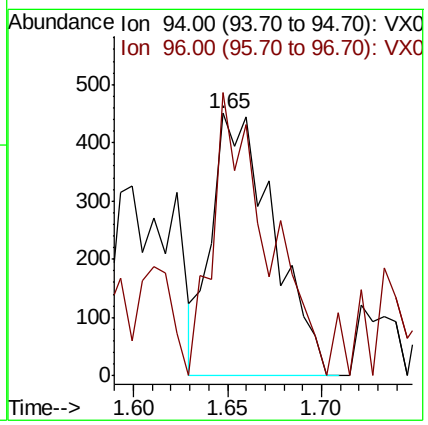


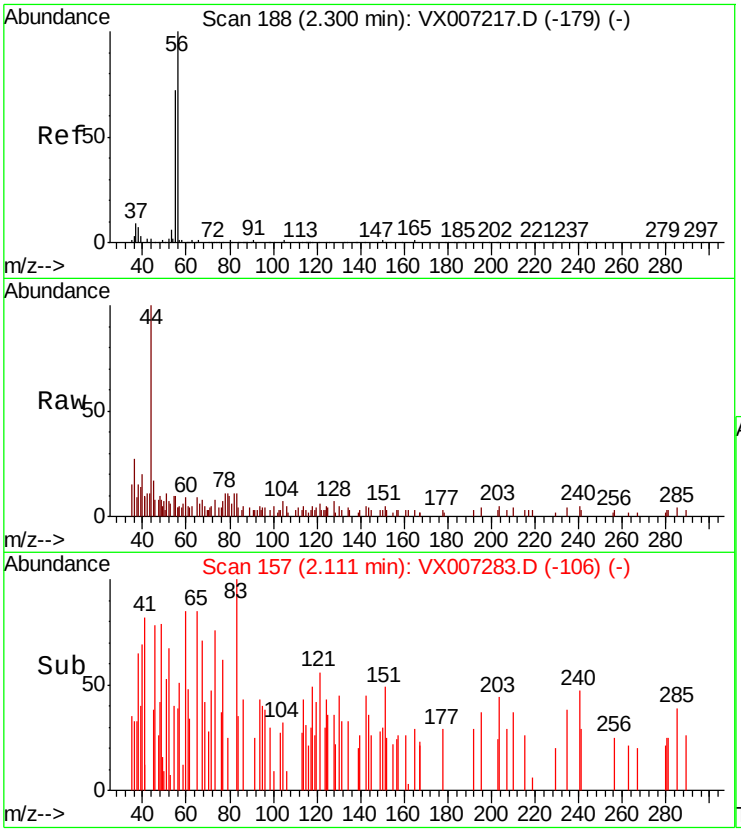


#5
Bromomethane
Concen: 0.223 ug/l
RT: 1.65 min Scan# 81
Delta R.T. 0.01 min
Lab File: VX007283.D
Acq: 29 Jan 2019 13:03

Tgt Ion: 94 Resp: 1024

Ion	Ratio	Lower	Upper
94	100		
96	107.8	77.4	116.2

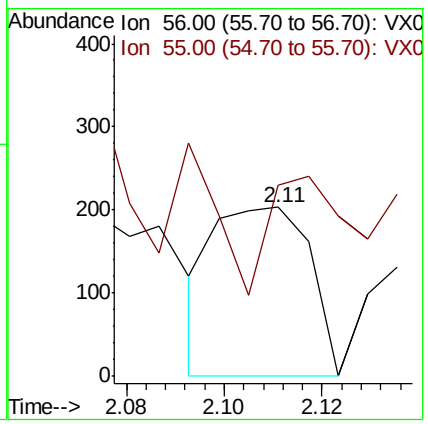


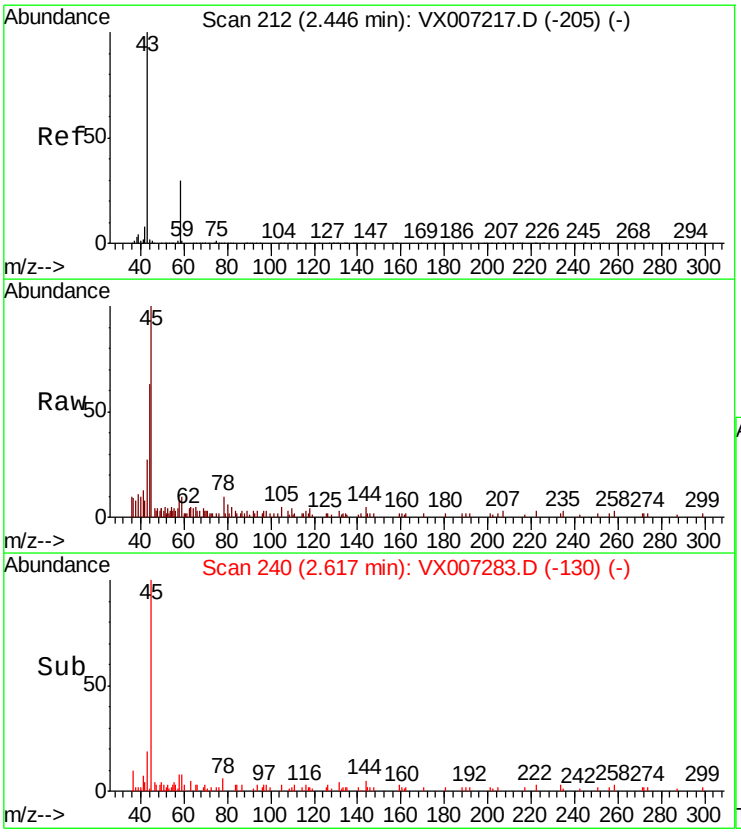


#13
Acrolein
Concen: 0.562 ug/l
RT: 2.11 min Scan# 157
Delta R.T. -0.19 min
Lab File: VX007283.D
Acq: 29 Jan 2019 13:03

Tgt Ion: 56 Resp: 276

Ion	Ratio	Lower	Upper
56	100		
55	58.7	58.6	87.8

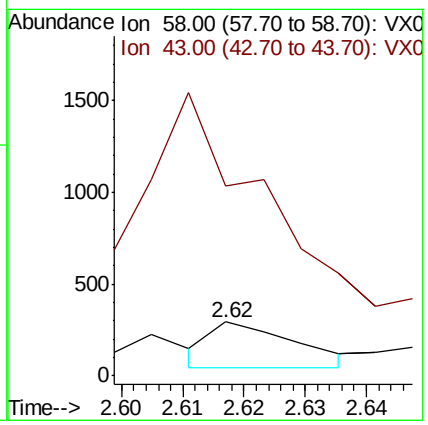


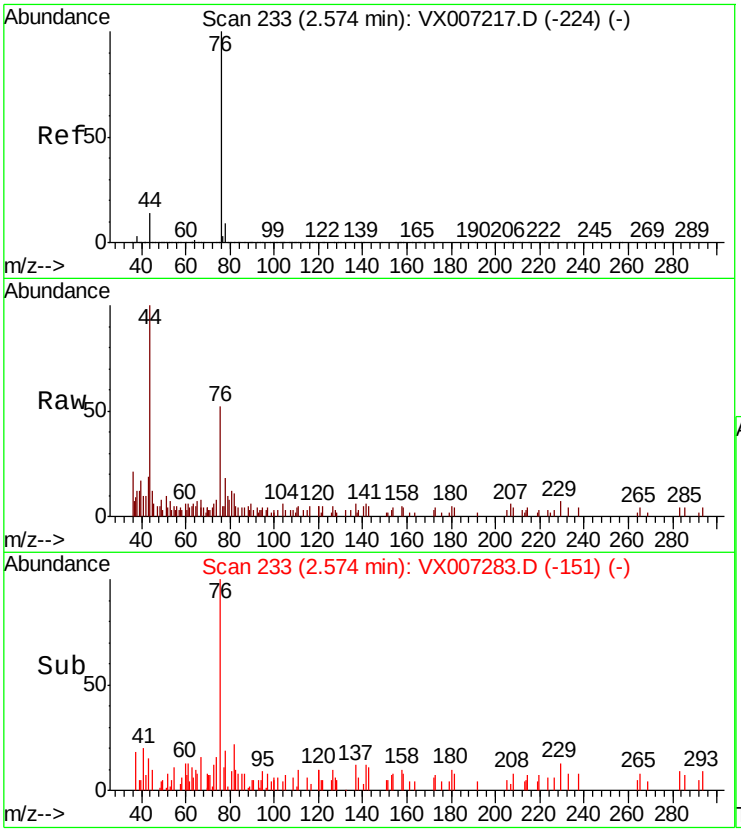


#15
Acetone
Concen: 0.332 ug/l
RT: 2.62 min Scan# 240
Delta R.T. 0.17 min
Lab File: VX007283.D
Acq: 29 Jan 2019 13:03

Tgt Ion: 58 Resp: 240

Ion	Ratio	Lower	Upper
58	100		
43	279.4	265.9	398.9

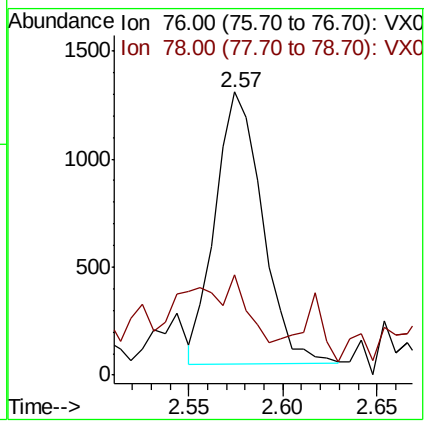


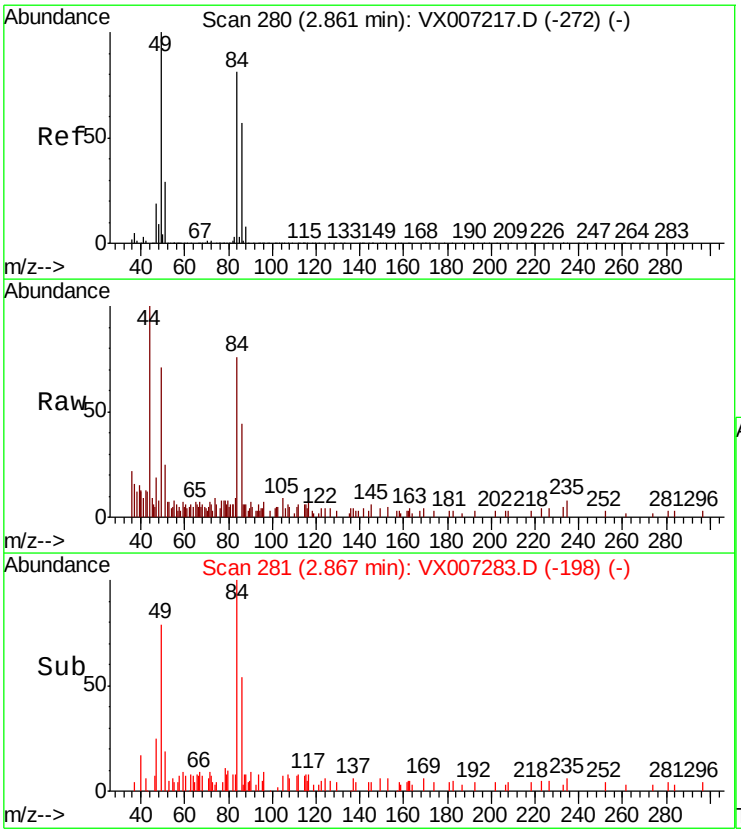


#16
Carbon Disulfide
Concen: 0.227 ug/l
RT: 2.57 min Scan# 233
Delta R.T. -0.00 min
Lab File: VX007283.D
Acq: 29 Jan 2019 13:03

Tgt Ion: 76 Resp: 2185

Ion	Ratio	Lower	Upper
76	100		
78	29.2	7.7	11.5#

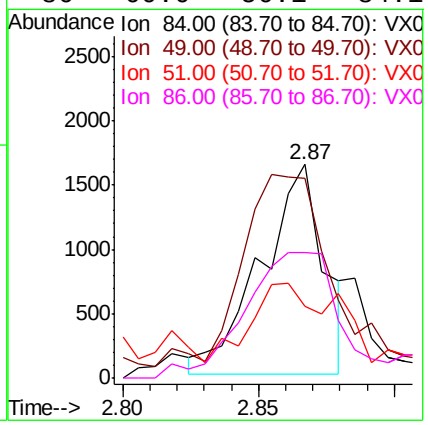


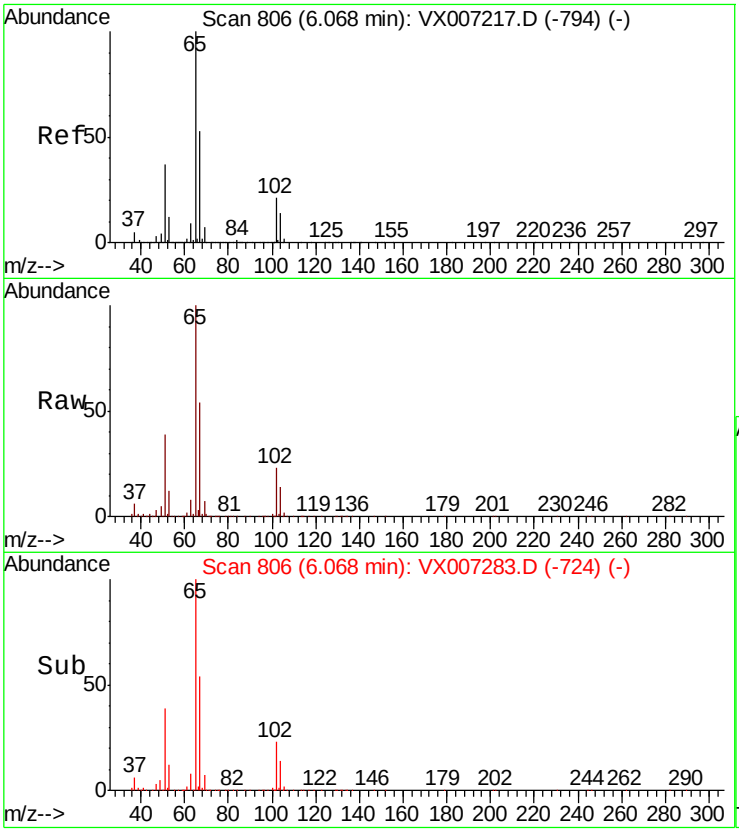


#18
Methylene Chloride
Concen: 0.568 ug/l
RT: 2.87 min Scan# 281
Delta R.T. 0.01 min
Lab File: VX007283.D
Acq: 29 Jan 2019 13:03

Tgt Ion: 84 Resp: 2608

Ion	Ratio	Lower	Upper
84	100		
49	84.0	98.4	147.6#
51	21.0	28.9	43.3#
86	60.0	56.1	84.1

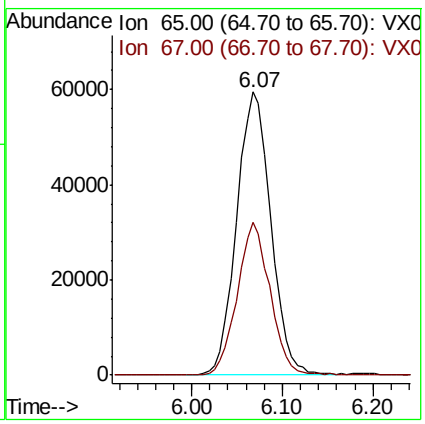


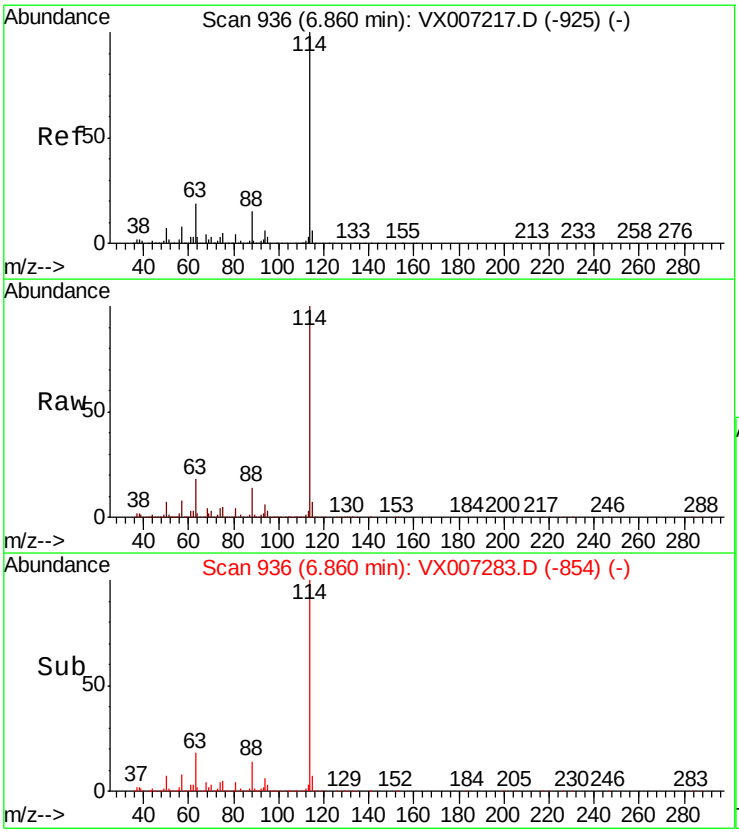


#27
1,2-Dichloroethane-d4
Concen: 30.538 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX007283.D
Acq: 29 Jan 2019 13:03

Tgt Ion: 65 Resp: 154822

Ion	Ratio	Lower	Upper
65	100		
67	52.0	42.0	63.0

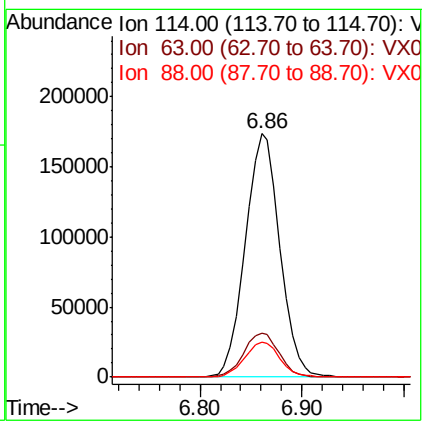


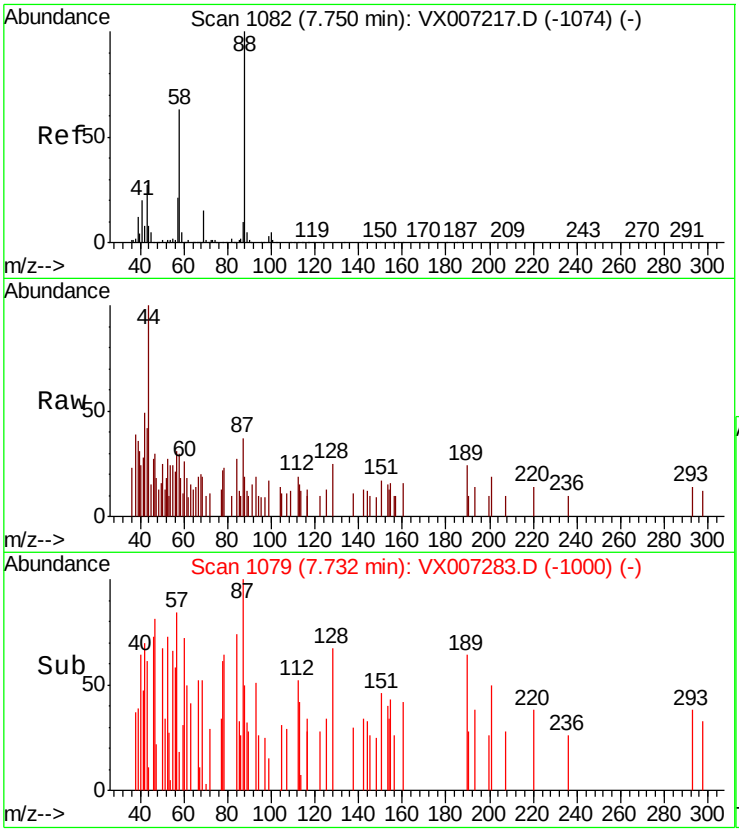


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX007283.D
Acq: 29 Jan 2019 13:03

Tgt Ion:114 Resp: 409450

Ion	Ratio	Lower	Upper
114	100		
63	18.4	14.6	21.8
88	14.6	11.8	17.6

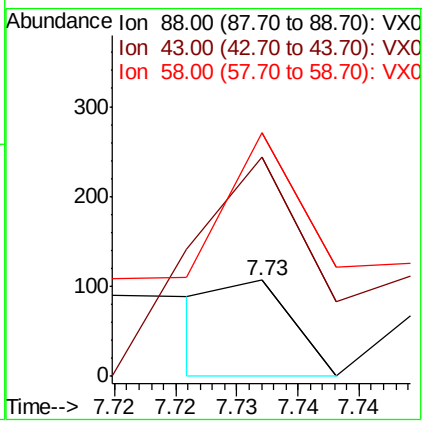


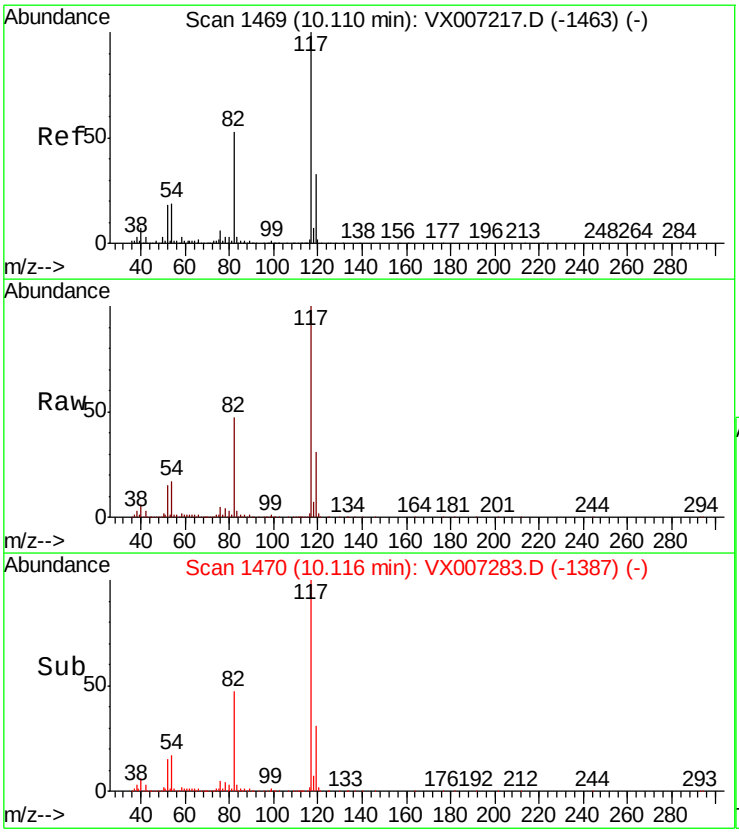


#45
1,4-Dioxane
Concen: 0.346 ug/l
RT: 7.73 min Scan# 1079
Delta R.T. -0.02 min
Lab File: VX007283.D
Acq: 29 Jan 2019 13:03

Tgt Ion: 88 Resp: 39

Ion	Ratio	Lower	Upper
88	100		
43	438.5	23.5	35.3#
58	766.7	51.6	77.4#

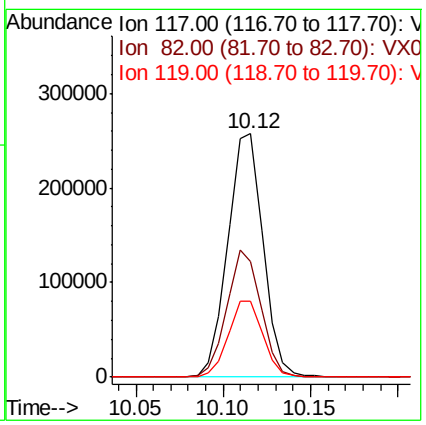


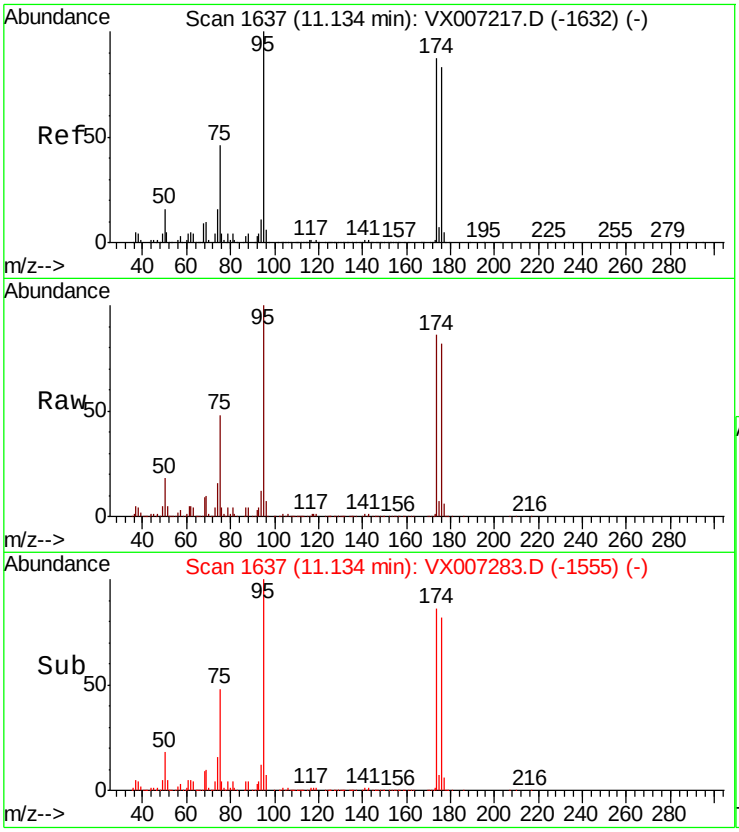


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX007283.D
Acq: 29 Jan 2019 13:03

Tgt Ion:117 Resp: 361458

Ion	Ratio	Lower	Upper
117	100		
82	50.6	41.4	62.0
119	31.0	25.7	38.5

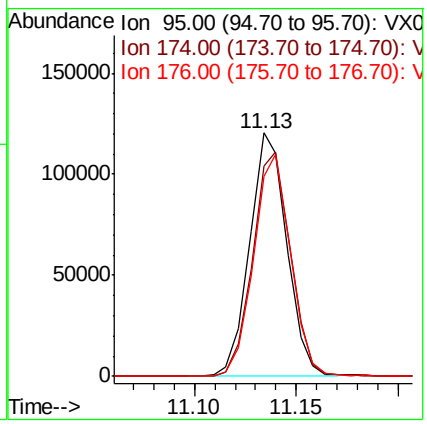


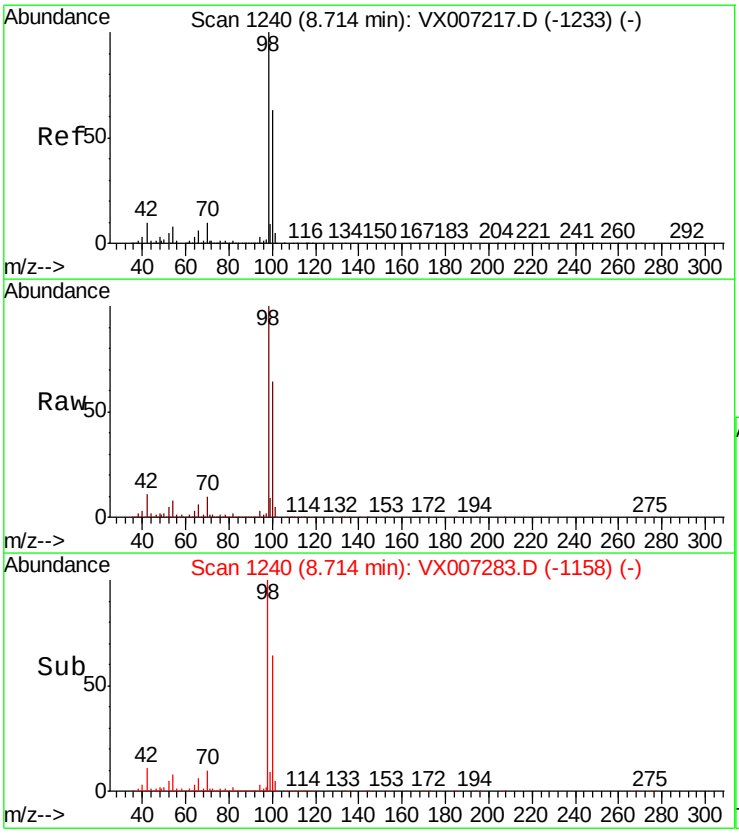


#60
4-Bromofluorobenzene
Concen: 27.426 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007283.D
Acq: 29 Jan 2019 13:03

Tgt Ion: 95 Resp: 153003

Ion	Ratio	Lower	Upper
95	100		
174	92.6	74.8	112.2
176	90.7	72.5	108.7





#63
Toluene-d8
Concen: 29.430 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007283.D
Acq: 29 Jan 2019 13:03

Tgt Ion: 98 Resp: 479488

Ion	Ratio	Lower	Upper
98	100		
100	64.9	49.9	74.9