Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX021619\
Data File : VX007564.D
Acq On : 15 Feb 2019 13:32
Operator : JC/SP
Sample : K1495-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId :

Quant Time: Feb 16 03:40:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X021319W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Feb 13 07:51:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	75322	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	389522	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	330775	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.07	65	147706	30.31	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 101.03%			
60) 4-Bromofluorobenzene	11.13	95	138279	27.24	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 90.80%			
63) Toluene-d8	8.71	98	448015	29.97	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 99.90%			
Target Compounds						Qvalue
15) Acetone	2.45	58	42563	59.646	ug/l	91
18) Methylene Chloride	2.86	84	1634	0.351	ug/l #	73
23) tert-Butyl Alcohol	3.06	59	1088	0.984	ug/l #	95
30) 2-Butanone	4.71	43	11479	3.570	ug/l #	70
45) 1,4-Dioxane	7.74	88	23	0.205	ug/l #	1
88) 1,2-Dibromo-3-Chloropropan	12.99	75	289	0.217	ug/l #	2

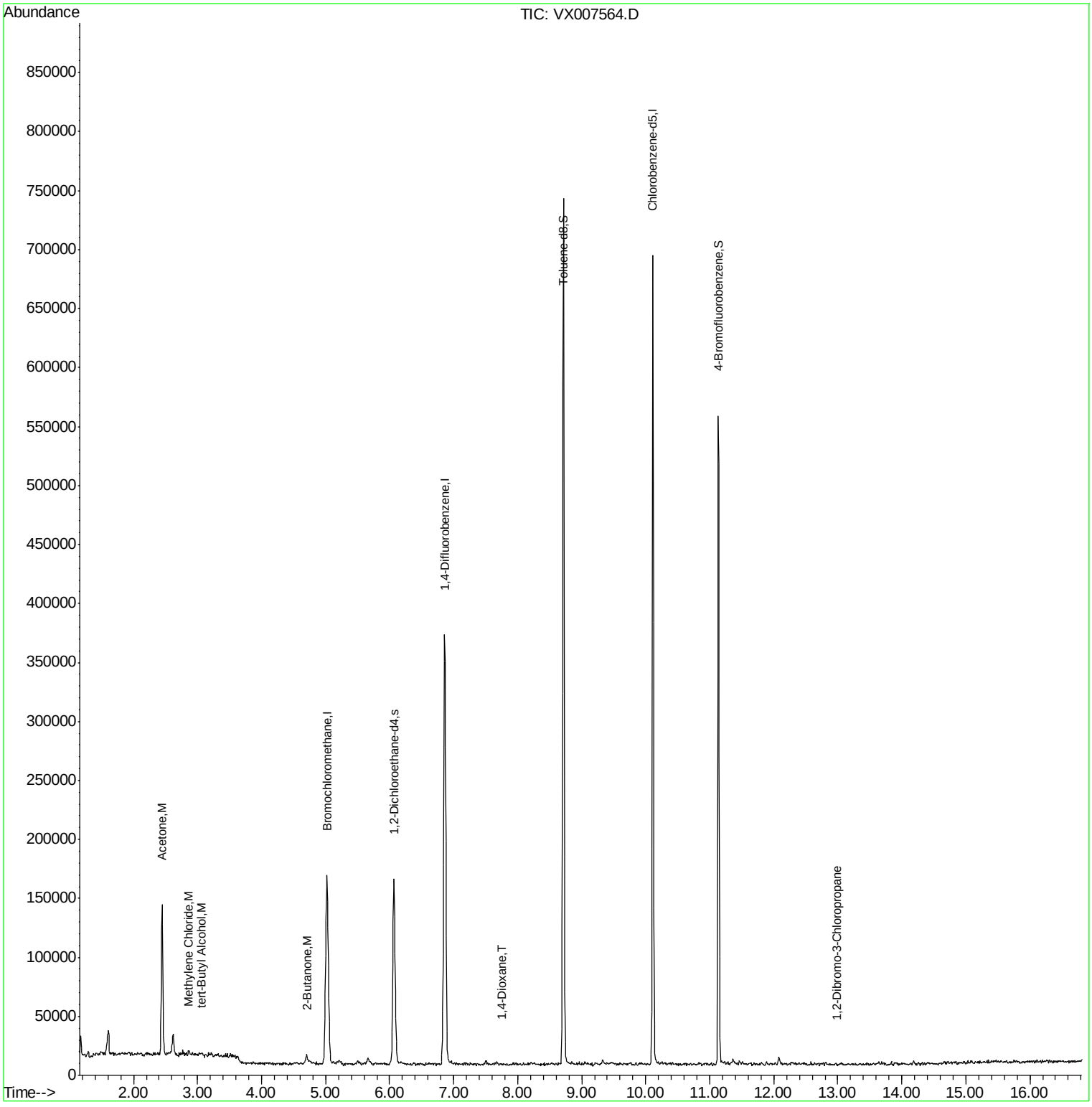
(#) = qualifier out of range (m) = manual integration (+) = signals summed

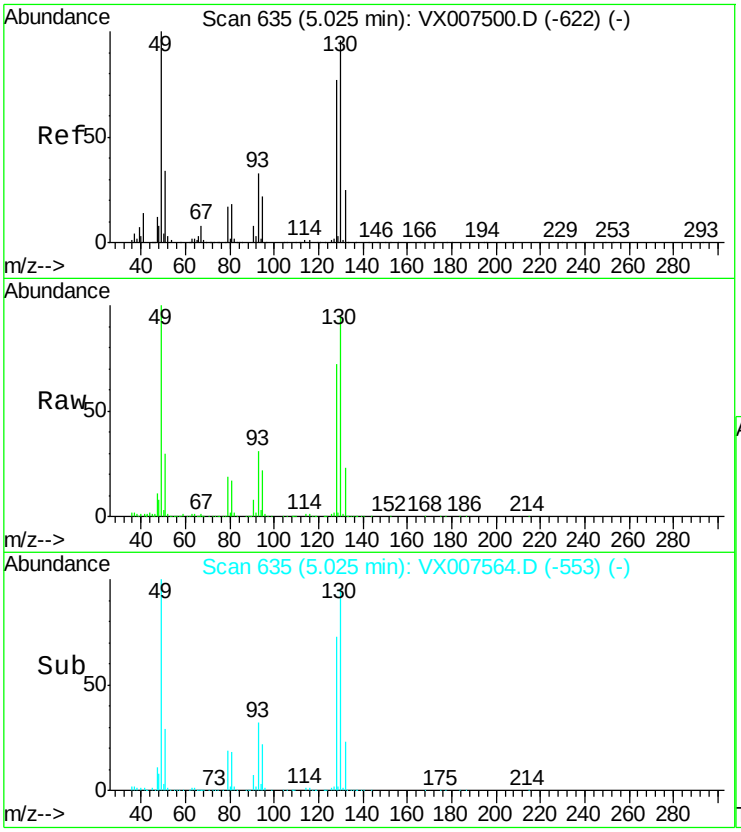
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX021619\
Data File : VX007564.D
Acq On : 15 Feb 2019 13:32
Operator : JC/SP
Sample : K1495-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Feb 16 03:40:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X021319W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Feb 13 07:51:18 2019
Response via : Initial Calibration



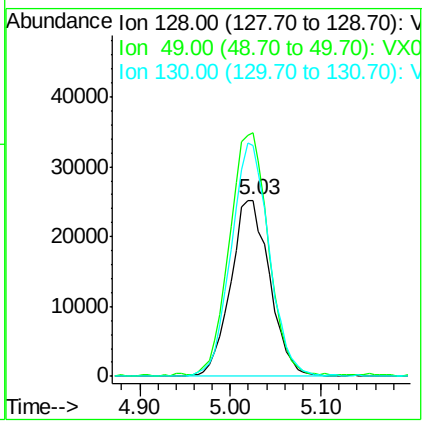


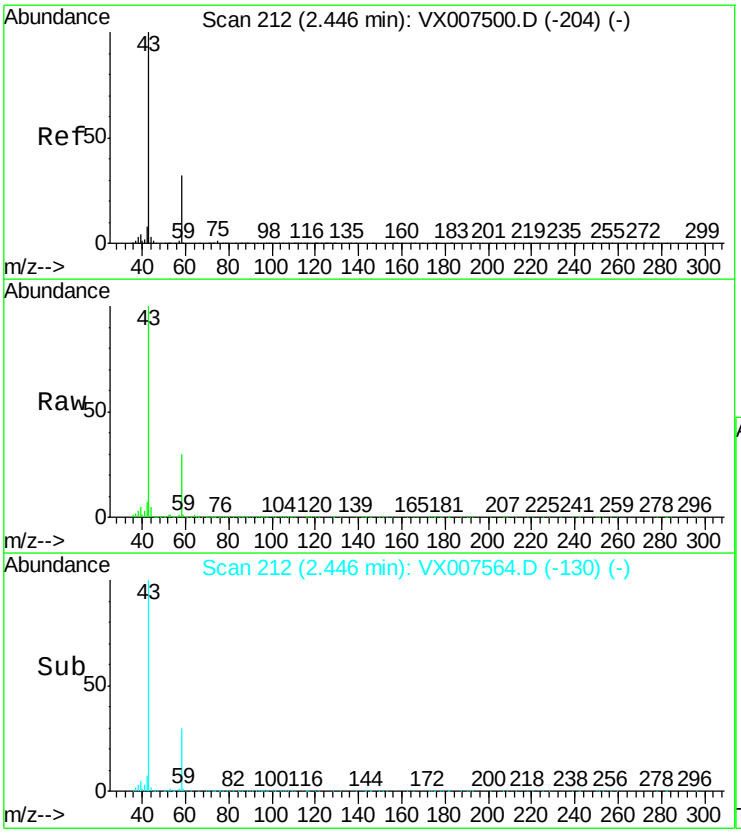
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.03 min Scan# 635
Delta R.T. -0.00 min
Lab File: VX007564.D
Acq: 15 Feb 2019 13:32

Instrument : MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 75322

Ion	Ratio	Lower	Upper
128	100		
49	137.0	0.0	350.8
130	129.2	0.0	325.8

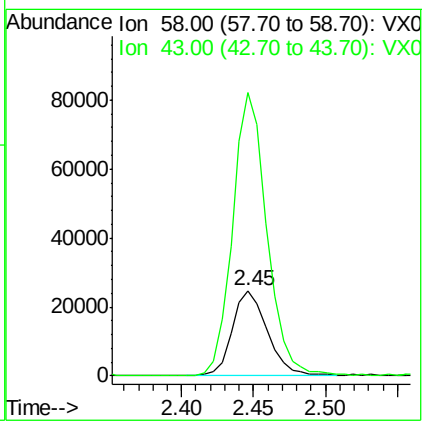


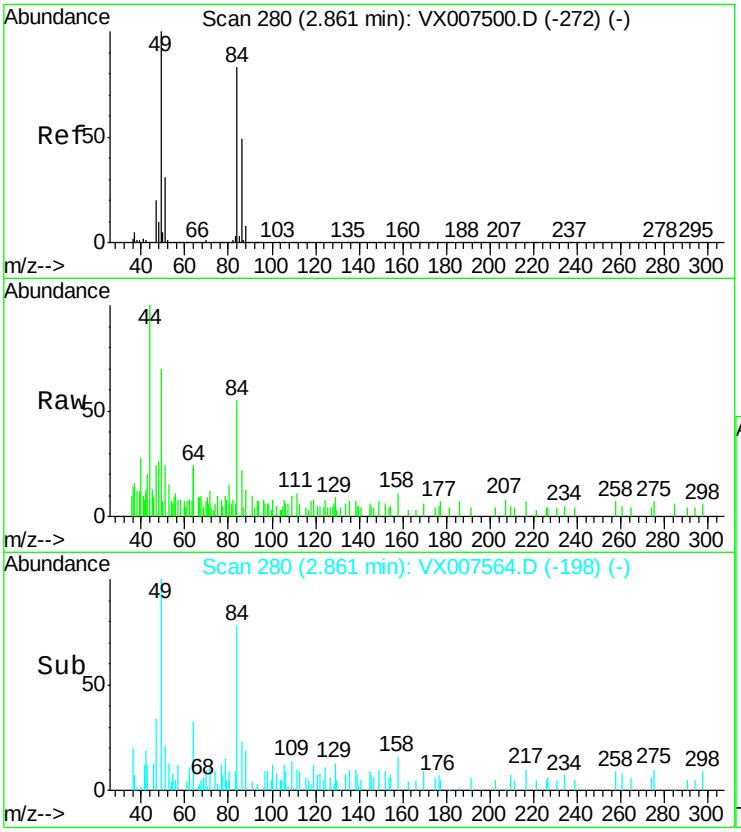


#15
Acetone
Concen: 59.646 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX007564.D
Acq: 15 Feb 2019 13:32

Tgt Ion: 58 Resp: 42563

Ion	Ratio	Lower	Upper
58	100		
43	330.0	249.8	374.6



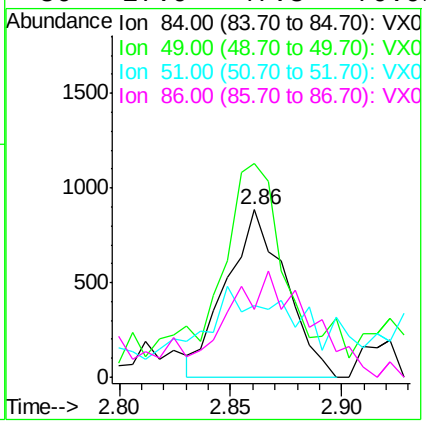


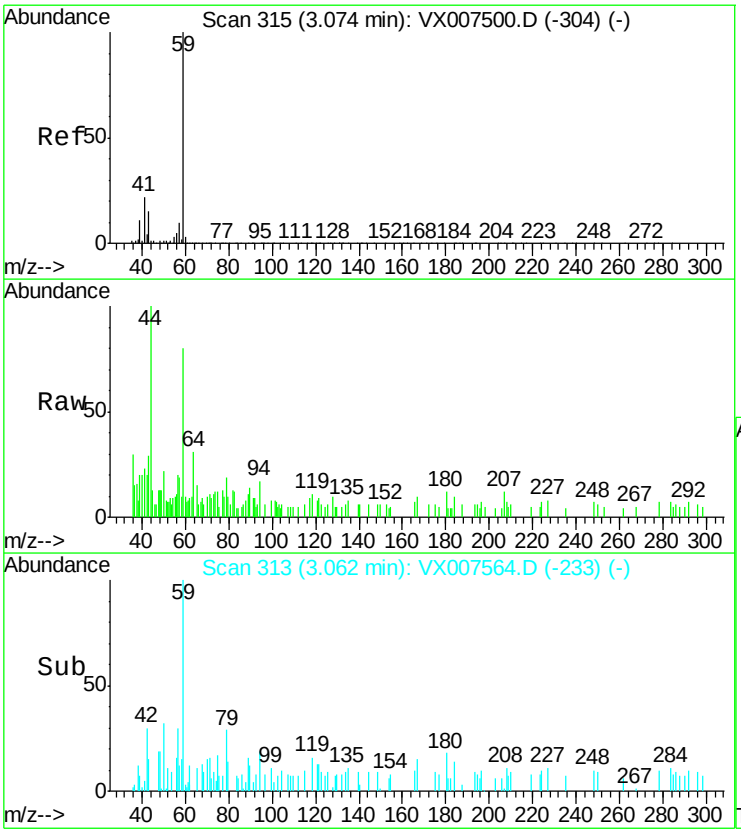
#18
Methylene Chloride
Concen: 0.351 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007564.D
Acq: 15 Feb 2019 13:32

Instrument : MSVOA_W
ClientSampleId :

Tgt Ion: 84 Resp: 1634

Ion	Ratio	Lower	Upper
84	100		
49	96.8	96.1	144.1
51	21.3	29.1	43.7#
86	27.9	47.3	70.9#

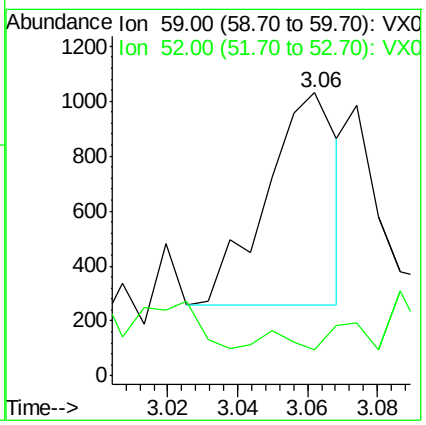


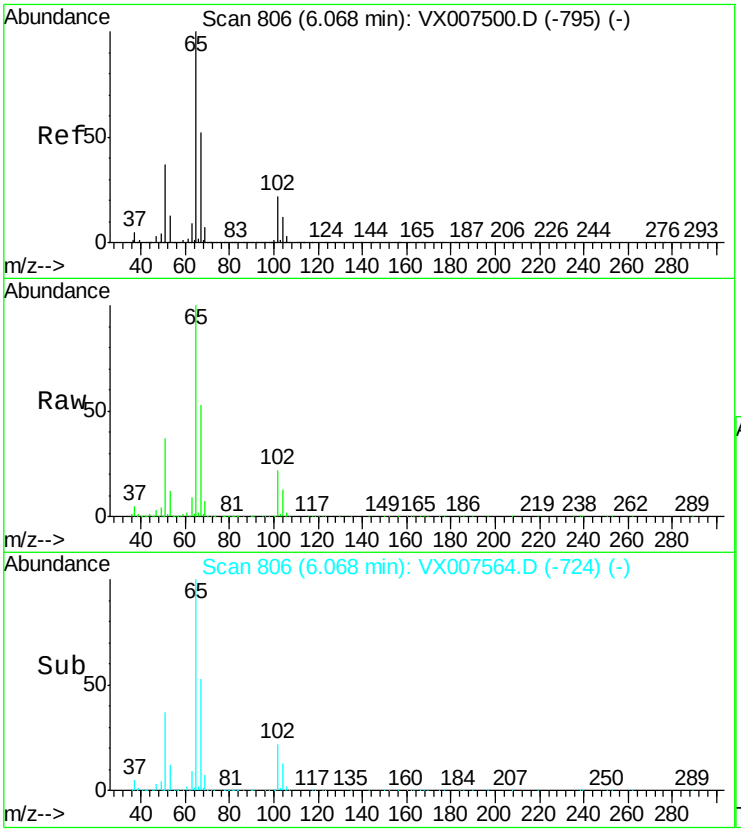


#23
tert-Butyl Alcohol
Concen: 0.984 ug/l
RT: 3.06 min Scan# 313
Delta R.T. -0.01 min
Lab File: VX007564.D
Acq: 15 Feb 2019 13:32

Tgt Ion: 59 Resp: 1088

Ion	Ratio	Lower	Upper
59	100		
52	6.2	0.2	0.2#



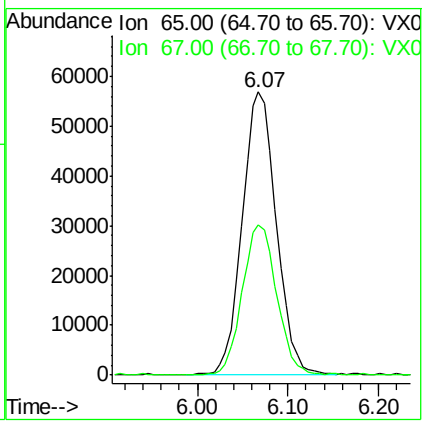


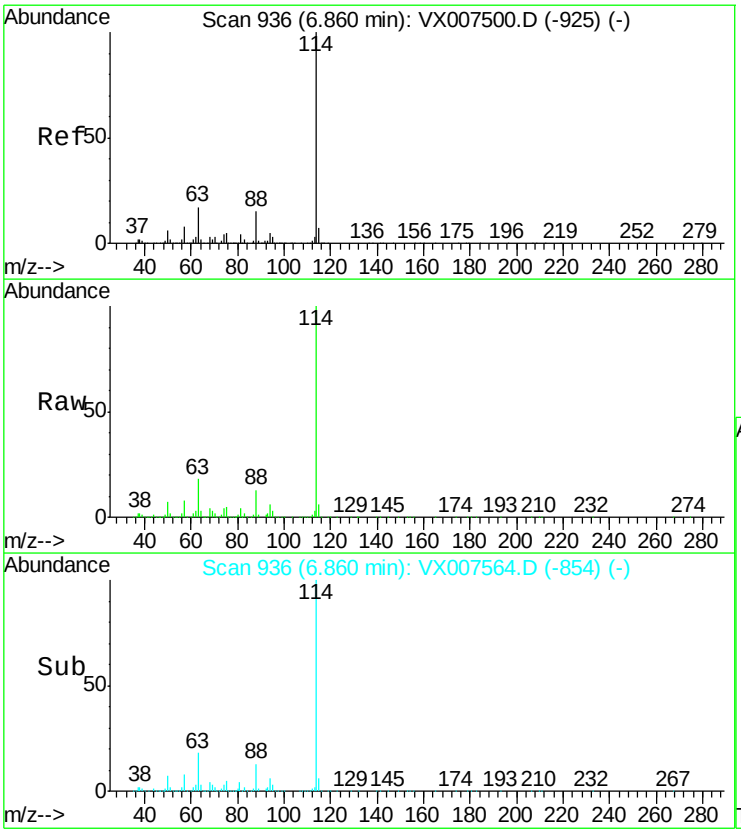
#27
1,2-Dichloroethane-d4
Concen: 30.315 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX007564.D
Acq: 15 Feb 2019 13:32

Instrument : MSVOA_W
ClientSampleId :

Tgt Ion: 65 Resp: 147706

Ion	Ratio	Lower	Upper
65	100		
67	53.7	42.9	64.3

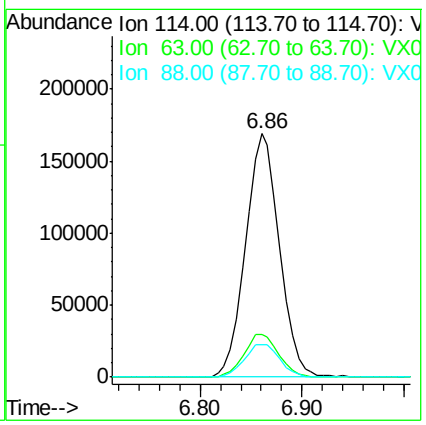


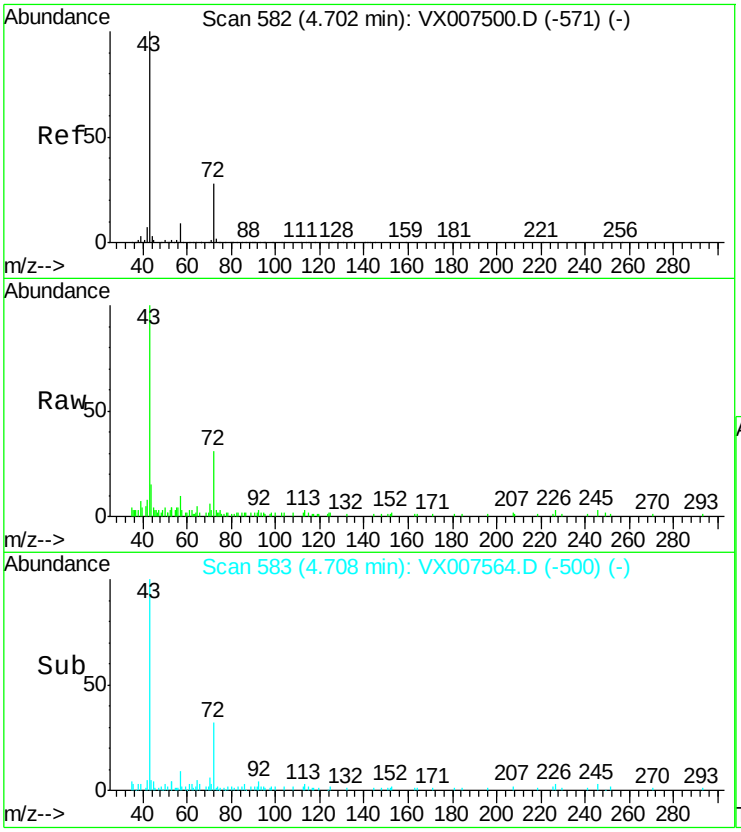


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX007564.D
Acq: 15 Feb 2019 13:32

Tgt Ion:114 Resp: 389522

Ion	Ratio	Lower	Upper
114	100		
63	18.0	14.2	21.4
88	14.4	11.9	17.9



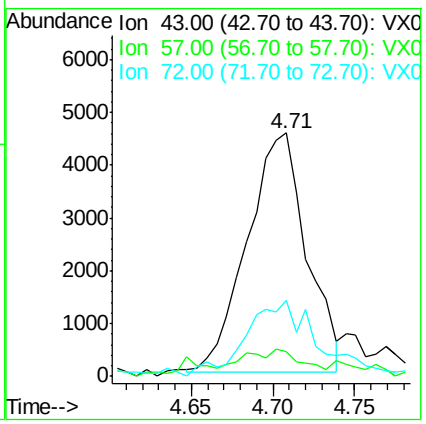


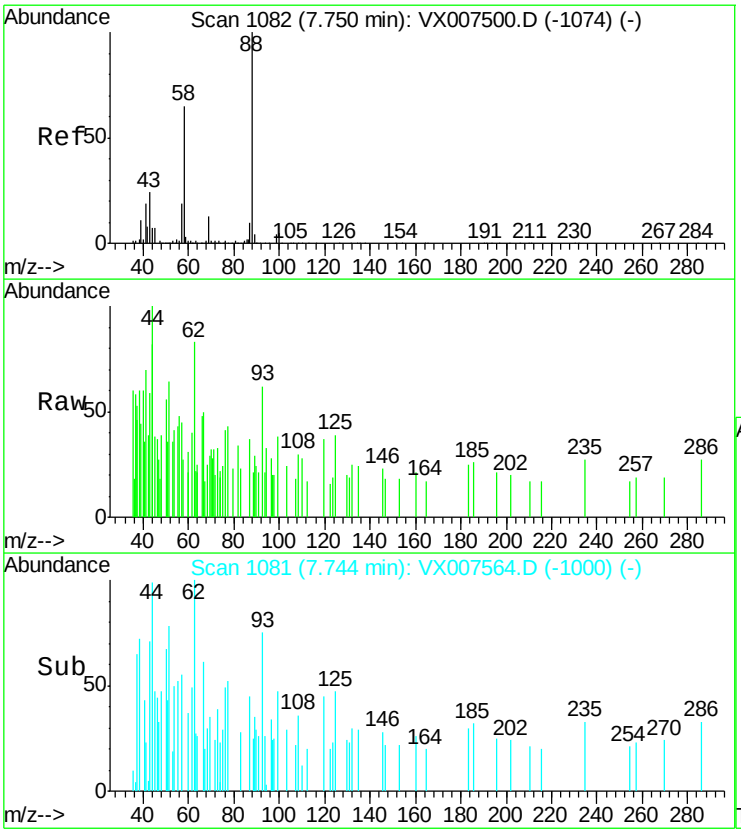
#30
2-Butanone
Concen: 3.570 ug/l
RT: 4.71 min Scan# 583
Delta R.T. 0.01 min
Lab File: VX007564.D
Acq: 15 Feb 2019 13:32

Instrument : MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 11479

Ion	Ratio	Lower	Upper
43	100		
57	4.0	7.0	10.6#
72	8.3	21.5	32.3#

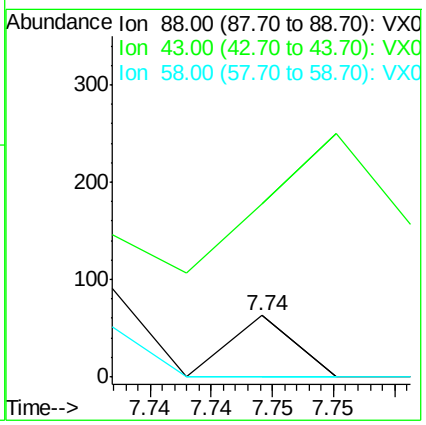


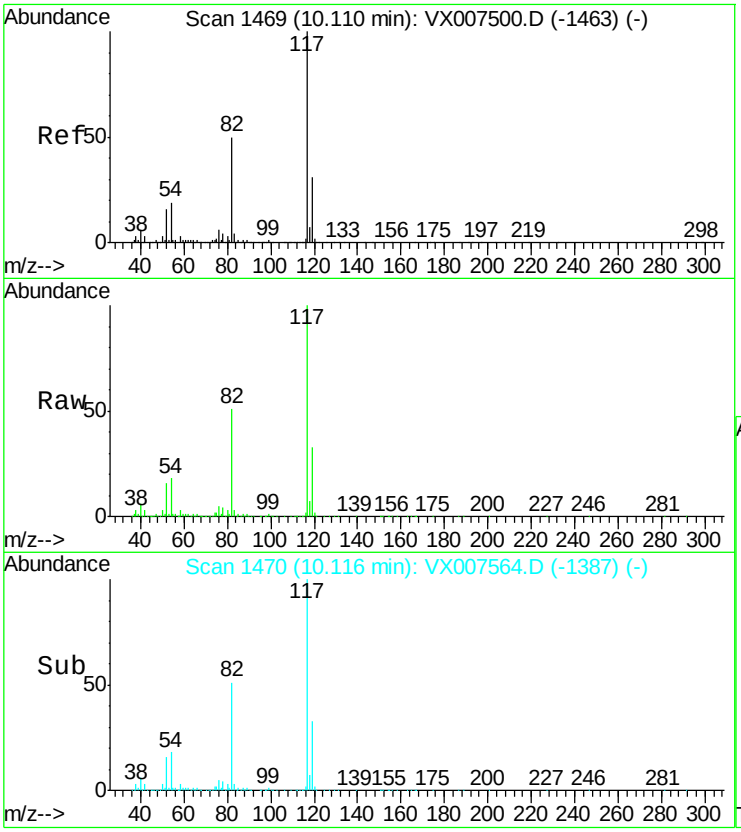


#45
1,4-Dioxane
Concen: 0.205 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. -0.01 min
Lab File: VX007564.D
Acq: 15 Feb 2019 13:32

Tgt Ion: 88 Resp: 23

Ion	Ratio	Lower	Upper
88	100		
43	1343.5	23.6	35.4#
58	278.3	51.6	77.4#



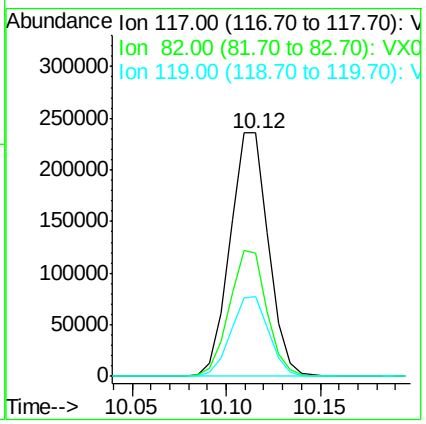


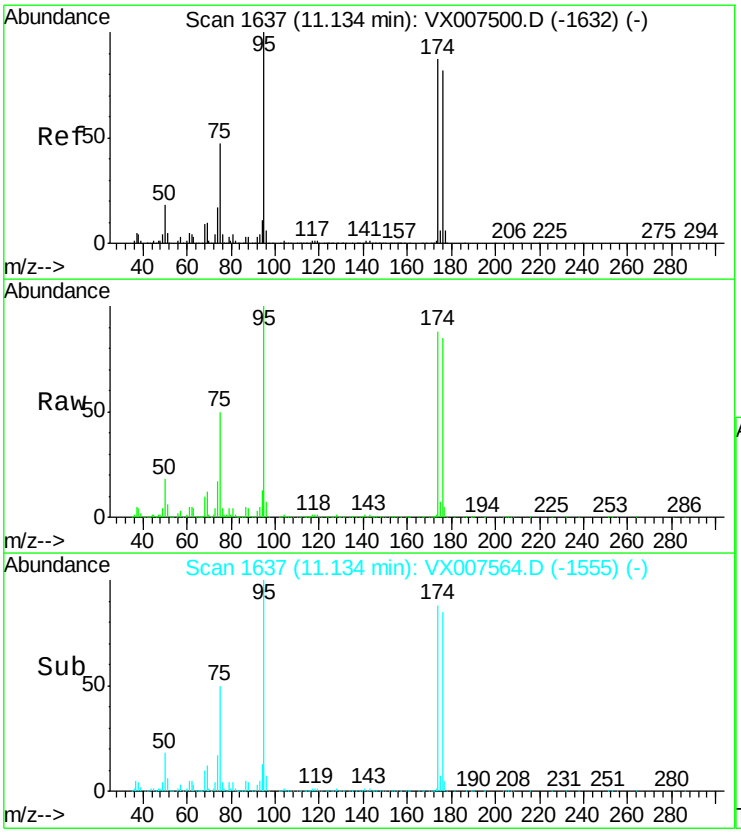
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX007564.D
Acq: 15 Feb 2019 13:32

Instrument : MSVOA_W
ClientSampleId :

Tgt Ion:117 Resp: 330775

Ion	Ratio	Lower	Upper
117	100		
82	50.8	40.4	60.6
119	32.4	25.8	38.6

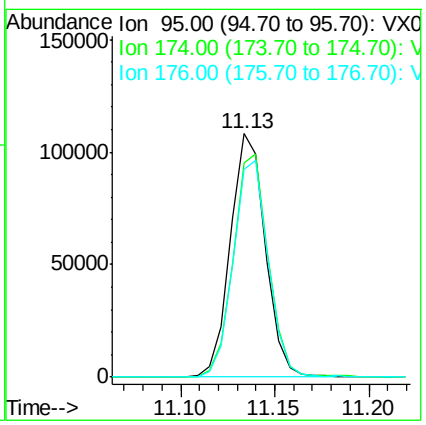


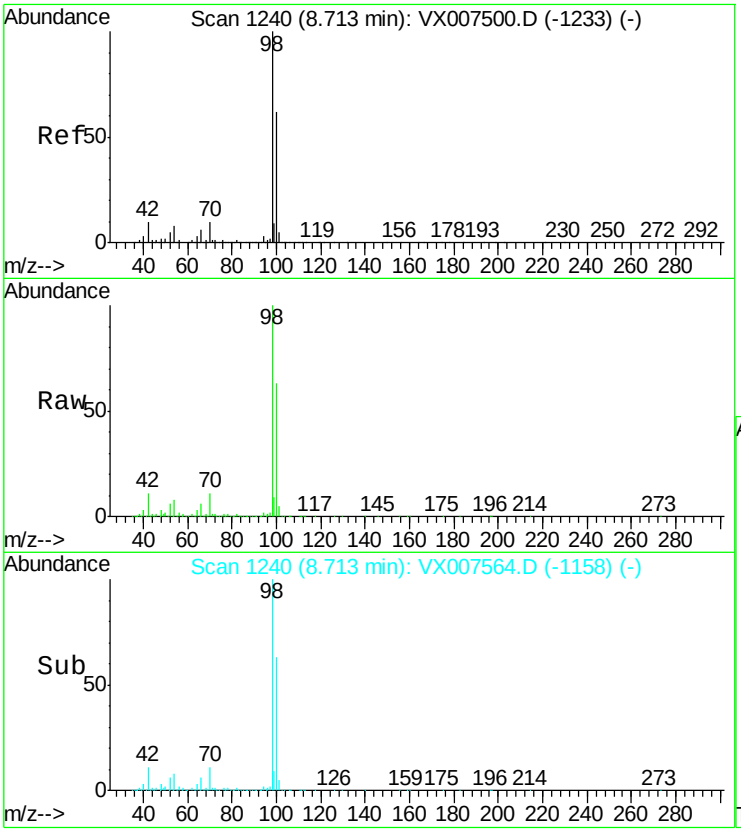


#60
4-Bromofluorobenzene
Concen: 27.238 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX007564.D
Acq: 15 Feb 2019 13:32

Tgt Ion: 95 Resp: 138279

Ion	Ratio	Lower	Upper
95	100		
174	91.8	74.9	112.3
176	88.8	70.7	106.1



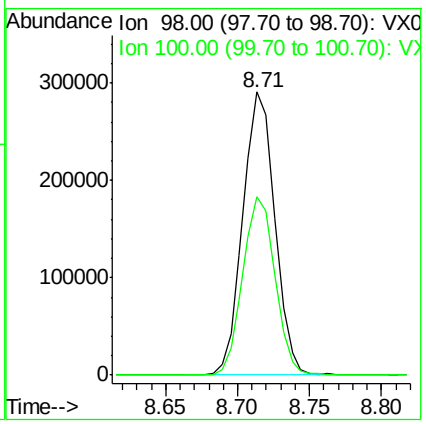


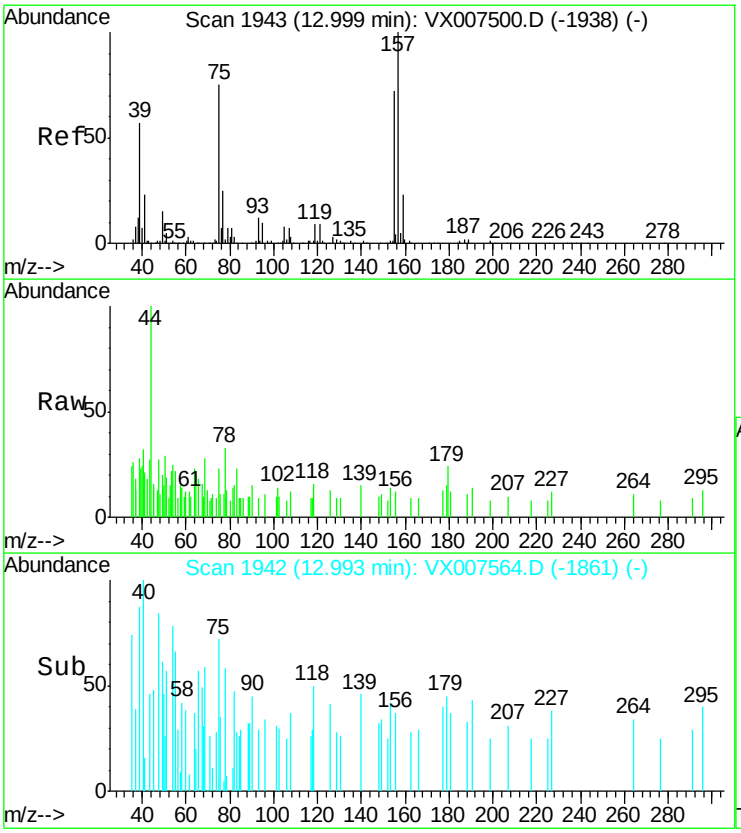
#63
Toluene-d8
Concen: 29.967 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007564.D
Acq: 15 Feb 2019 13:32

Instrument : MSVOA_W
ClientSampleId :

Tgt Ion: 98 Resp: 448015

Ion	Ratio	Lower	Upper
98	100		
100	63.4	50.9	76.3





#88
1,2-Dibromo-3-Chloropropane
Concen: 0.217 ug/l
RT: 12.99 min Scan# 1942
Delta R.T. -0.01 min
Lab File: VX007564.D
Acq: 15 Feb 2019 13:32

Tgt Ion: 75 Resp: 289

Ion	Ratio	Lower	Upper
75	100		
155	19.4	81.0	121.6#
157	0.0	103.2	154.8#