Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031819\
Data File : VX008172.D
Acq On : 18 Mar 2019 18:09
Operator : JC/SP
Sample : K1909-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 101-102

Quant Time: Mar 19 02:42:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X031819W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Mar 18 14:34:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	48055	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	259964	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	218087	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.07	65	120143	30.06	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 100.20%			
60) 4-Bromofluorobenzene	11.13	95	100774	27.69	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 92.30%			
63) Toluene-d8	8.71	98	321530	30.34	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 101.13%			
Target Compounds						Qvalue
6) Chloroethane	1.27	64	479	0.274	ug/l	89
8) Diethyl Ether	2.18	74	385	0.202	ug/l	77
13) Acrolein	2.17	56	188	0.331	ug/l	89
15) Acetone	2.45	58	2131	4.044	ug/l	79
16) Carbon Disulfide	2.58	76	2570	0.357	ug/l #	91
18) Methylene Chloride	2.87	84	1609	0.612	ug/l #	75
23) tert-Butyl Alcohol	3.05	59	132	0.218	ug/l #	43
45) 1,4-Dioxane	7.72	88	136	2.183	ug/l #	1
56) Bromoform	11.13	173	807	0.468	ug/l #	1

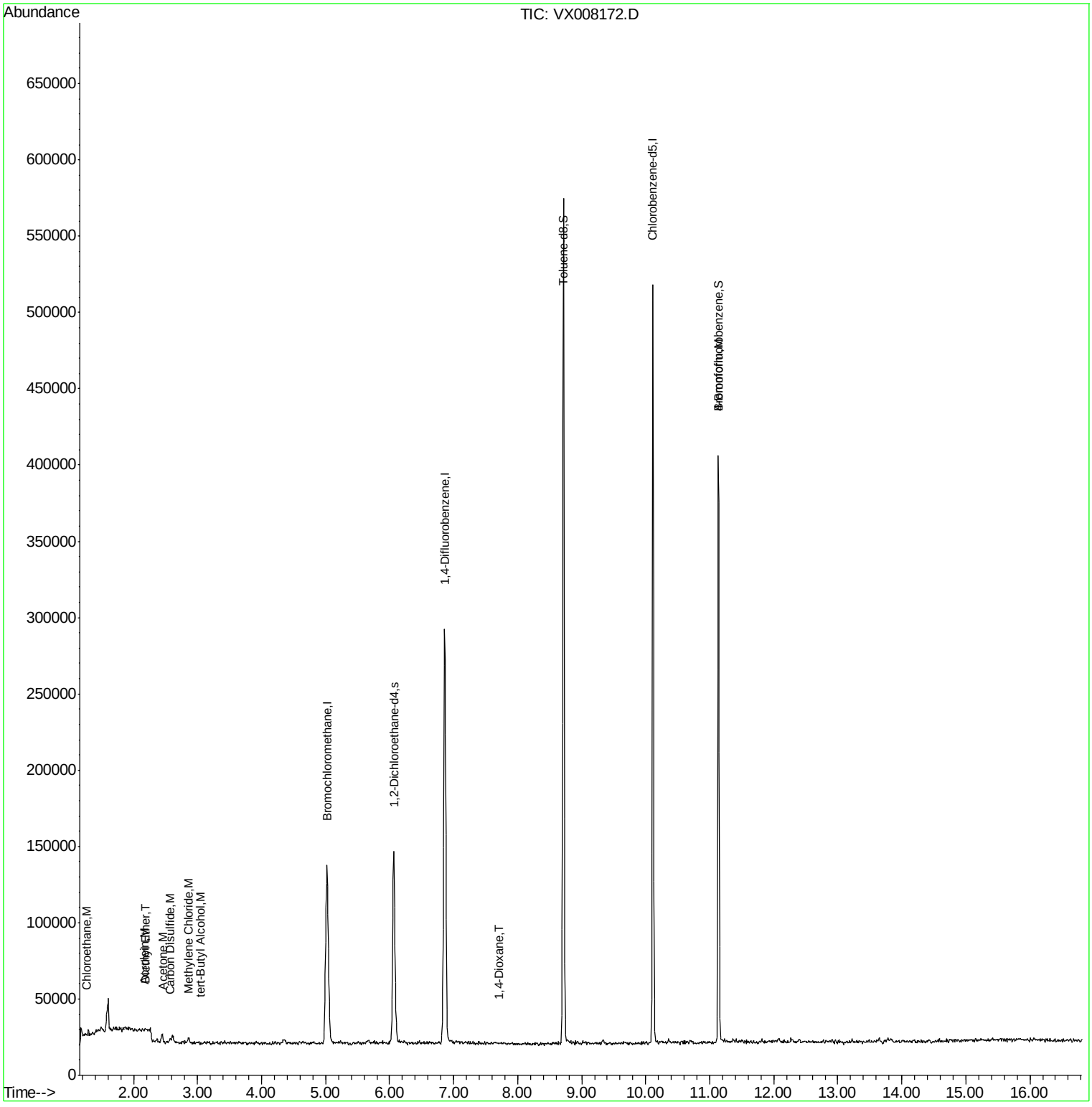
(#) = qualifier out of range (m) = manual integration (+) = signals summed

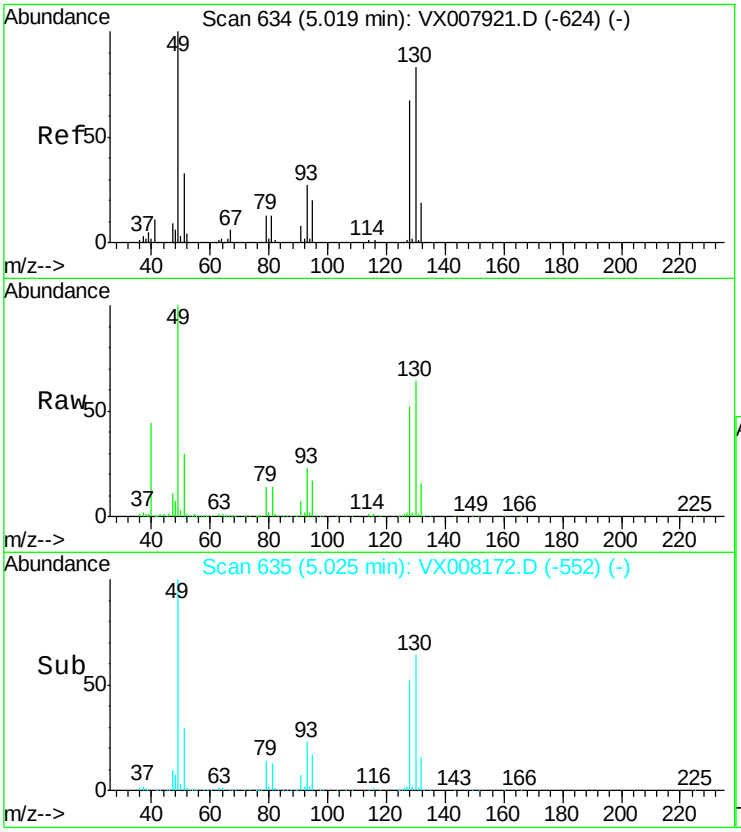
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031819\
Data File : VX008172.D
Acq On : 18 Mar 2019 18:09
Operator : JC/SP
Sample : K1909-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 101-102

Quant Time: Mar 19 02:42:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X031819W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Mar 18 14:34:46 2019
Response via : Initial Calibration



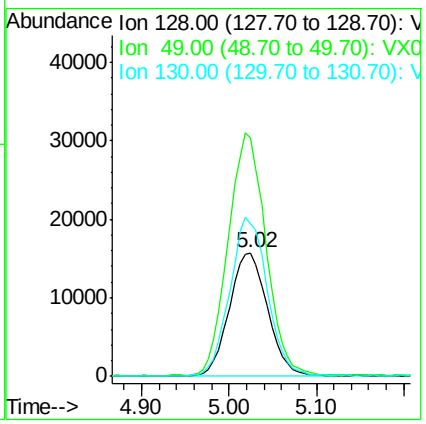


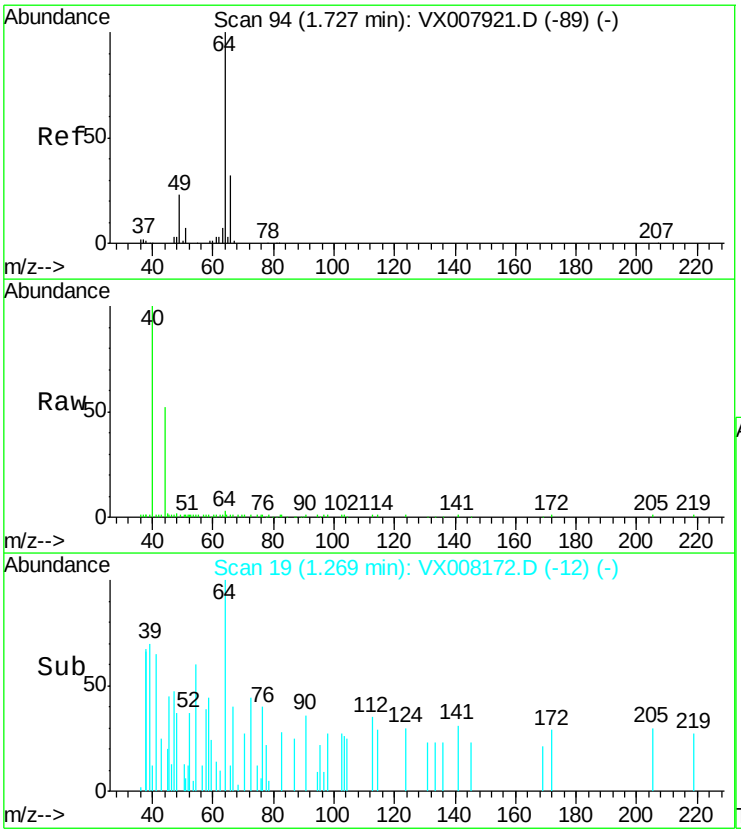
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.02 min Scan# 635
Delta R.T. 0.01 min
Lab File: VX008172.D
Acq: 18 Mar 2019 18:09

Instrument :
MSVOA_X
ClientSampleId :
101-102

Tgt Ion:128 Resp: 48055

Ion	Ratio	Lower	Upper
128	100		
49	192.6	0.0	350.8
130	126.4	0.0	325.8

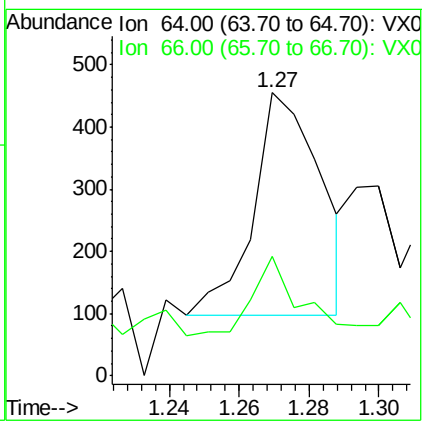


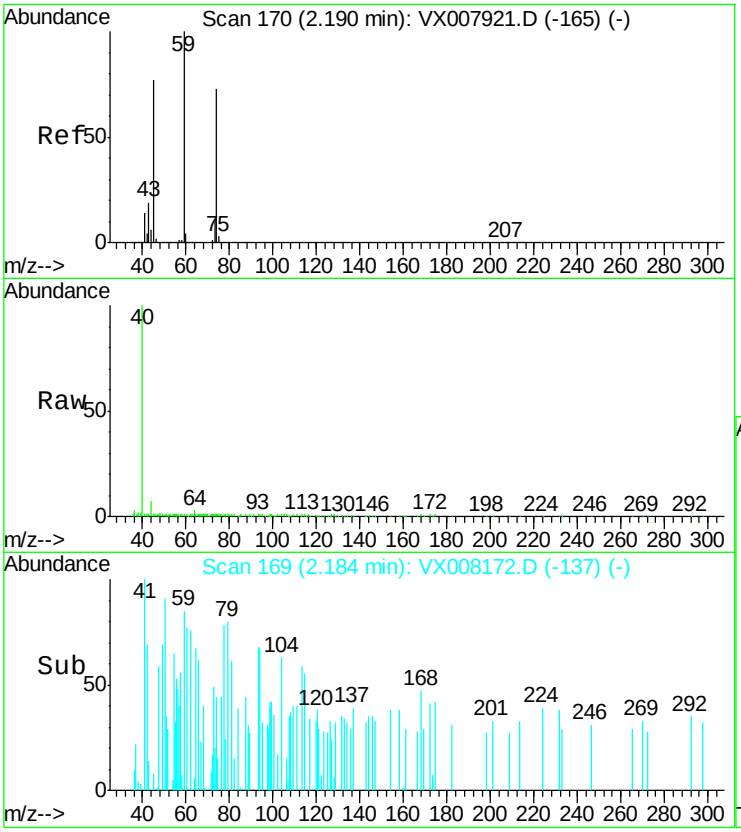


#6
Chloroethane
Concen: 0.274 ug/l
RT: 1.27 min Scan# 19
Delta R.T. -0.46 min
Lab File: VX008172.D
Acq: 18 Mar 2019 18:09

Tgt Ion: 64 Resp: 479

Ion	Ratio	Lower	Upper
64	100		
66	35.8	23.9	35.9



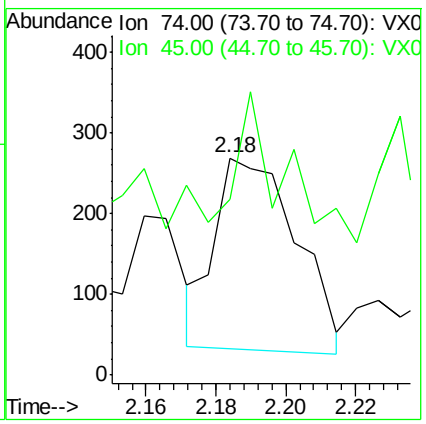


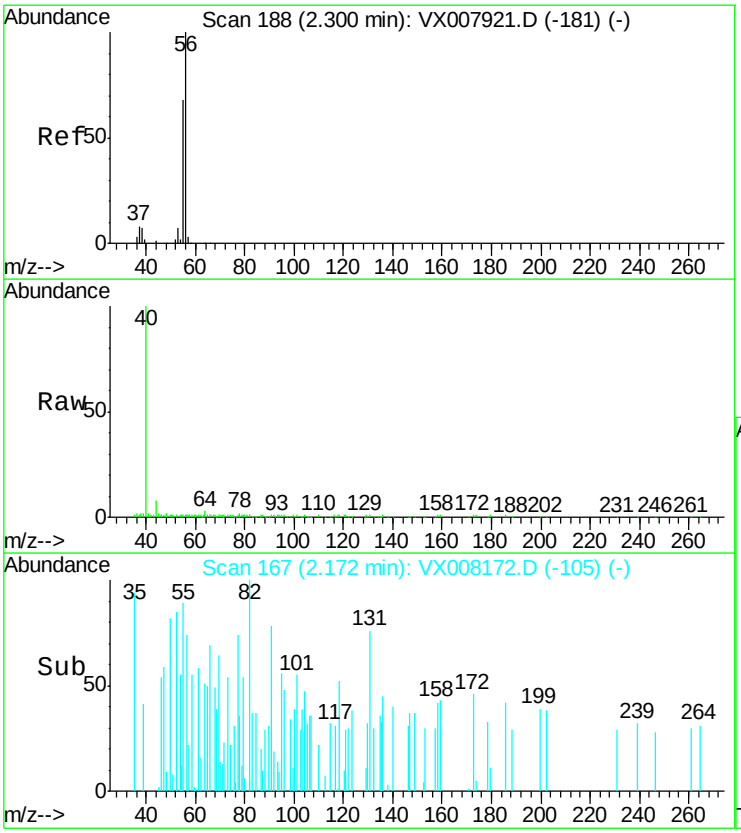
#8
Diethyl Ether
Concen: 0.202 ug/l
RT: 2.18 min Scan# 169
Delta R.T. -0.01 min
Lab File: VX008172.D
Acq: 18 Mar 2019 18:09

Instrument : MSVOA_X
ClientSampleId : 101-102

Tgt Ion: 74 Resp: 385

Ion	Ratio	Lower	Upper
74	100		
45	71.2	18.6	167.8

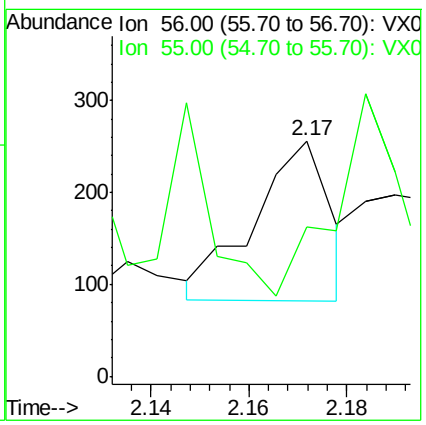


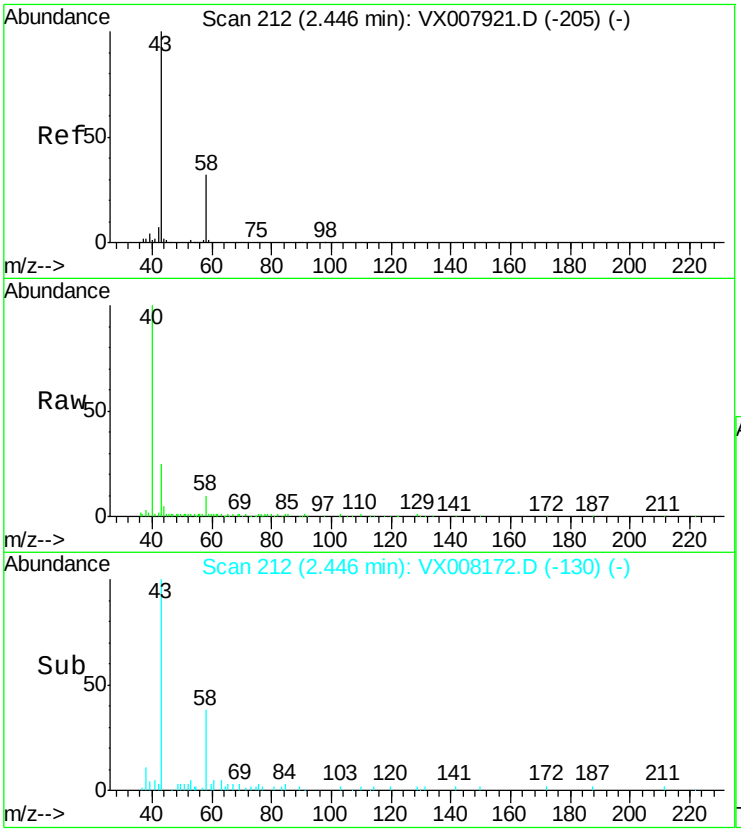


#13
Acrolein
Concen: 0.331 ug/l
RT: 2.17 min Scan# 167
Delta R.T. -0.12 min
Lab File: VX008172.D
Acq: 18 Mar 2019 18:09

Tgt Ion: 56 Resp: 188

Ion	Ratio	Lower	Upper
56	100		
55	64.4	58.6	87.8



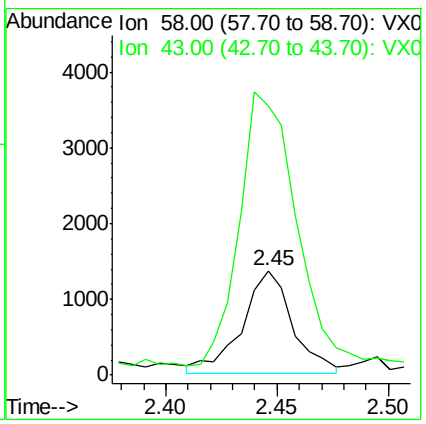


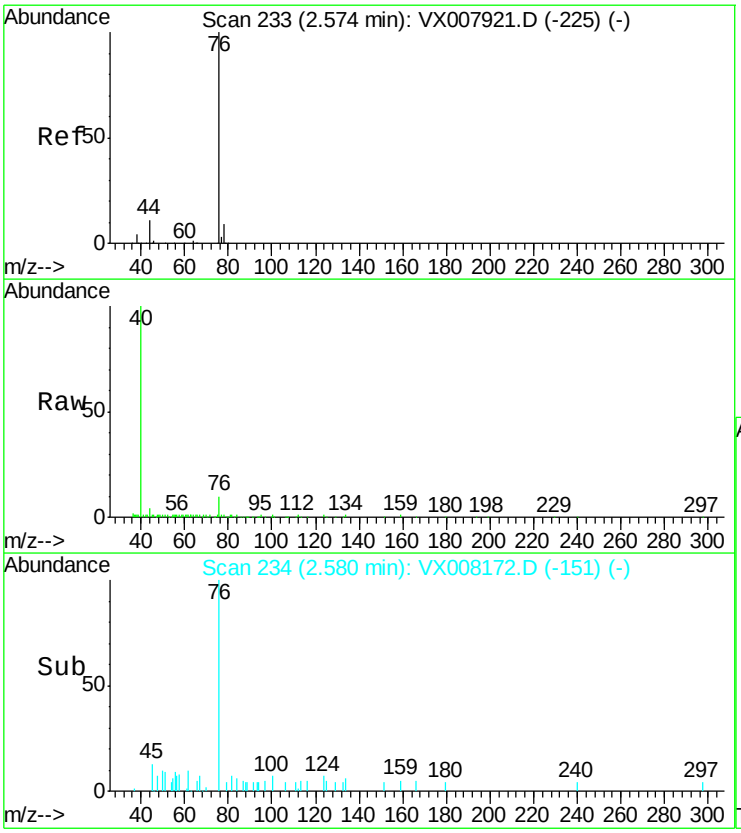
#15
Acetone
Concen: 4.044 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX008172.D
Acq: 18 Mar 2019 18:09

Instrument :
MSVOA_X
ClientSampleId :
101-102

Tgt Ion: 58 Resp: 2131

Ion	Ratio	Lower	Upper
58	100		
43	270.5	249.8	374.6

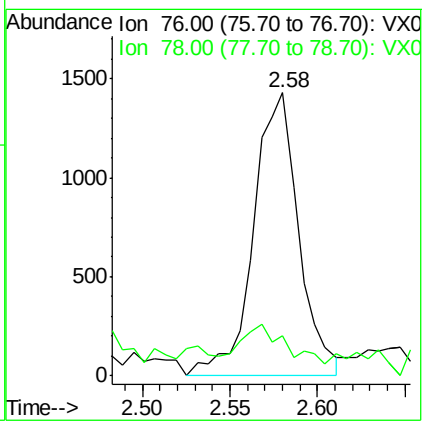


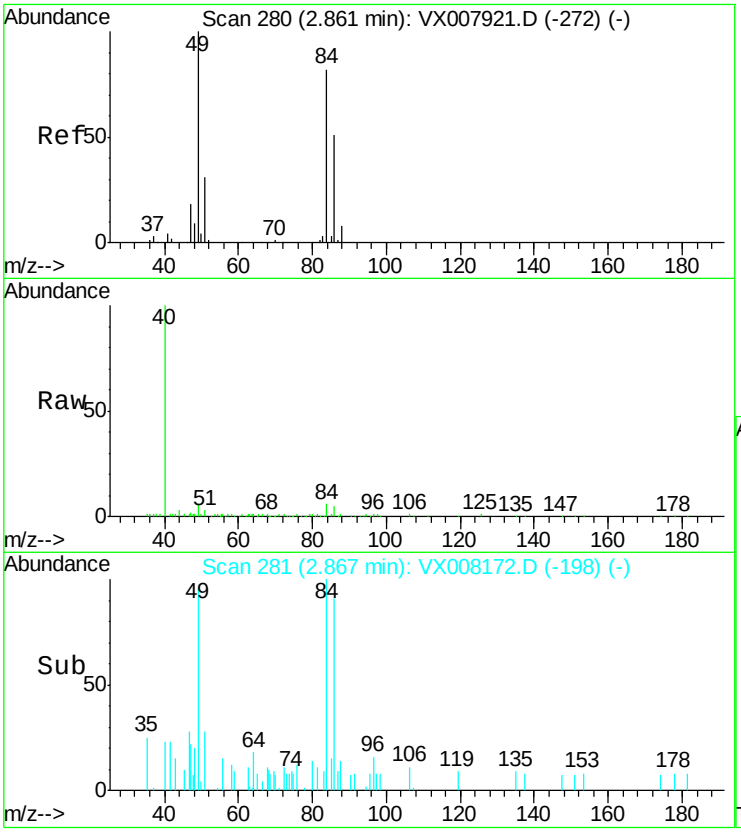


#16
Carbon Disulfide
Concen: 0.357 ug/l
RT: 2.58 min Scan# 234
Delta R.T. 0.01 min
Lab File: VX008172.D
Acq: 18 Mar 2019 18:09

Tgt Ion: 76 Resp: 2570

Ion	Ratio	Lower	Upper
76	100		
78	6.0	7.5	11.3#



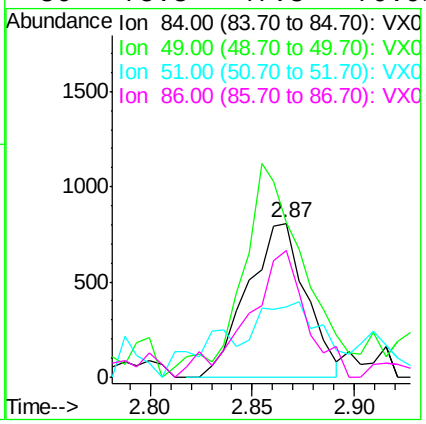


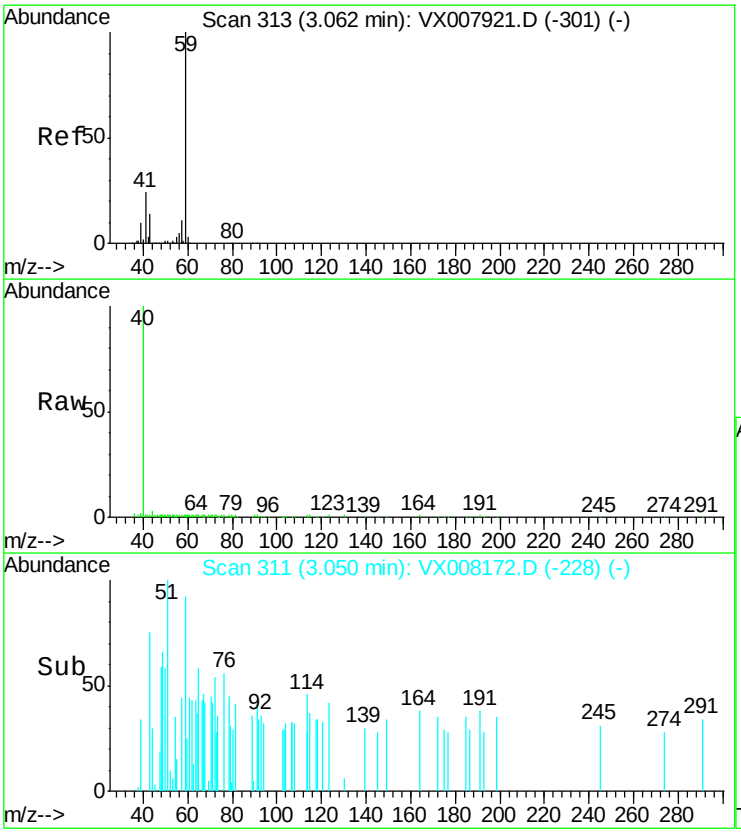
#18
Methylene Chloride
Concen: 0.612 ug/l
RT: 2.87 min Scan# 281
Delta R.T. 0.01 min
Lab File: VX008172.D
Acq: 18 Mar 2019 18:09

Instrument : MSVOA_X
ClientSampleId : 101-102

Tgt Ion: 84 Resp: 1609

Ion	Ratio	Lower	Upper
84	100		
49	87.0	96.1	144.1#
51	28.9	29.1	43.7#
86	75.3	47.3	70.9#

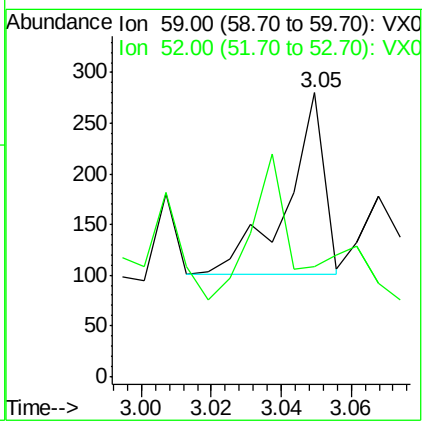


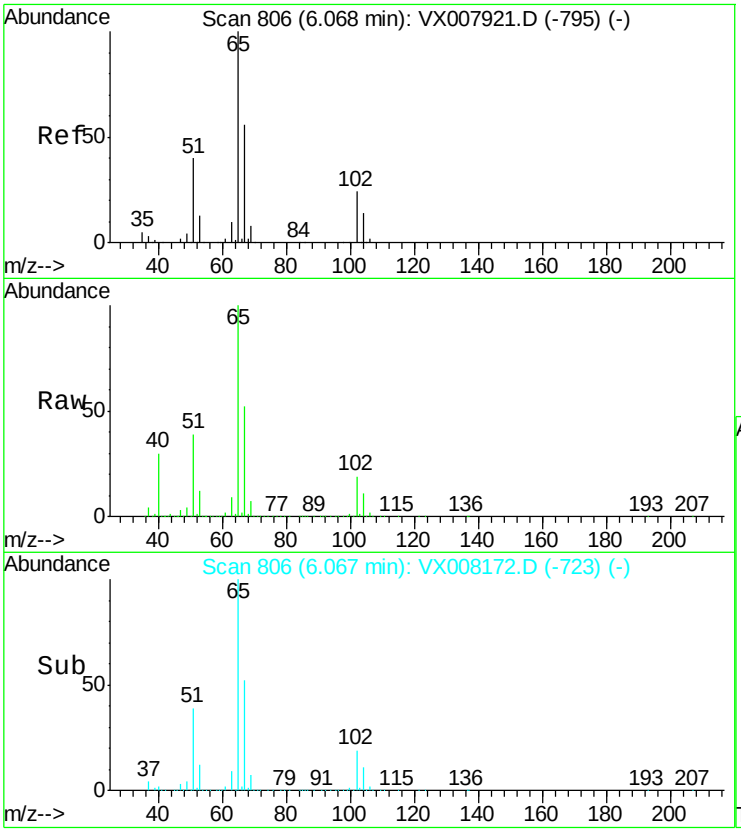


#23
tert-Butyl Alcohol
Concen: 0.218 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.01 min
Lab File: VX008172.D
Acq: 18 Mar 2019 18:09

Tgt Ion: 59 Resp: 132

Ion	Ratio	Lower	Upper
59	100		
52	73.5	0.2	0.2#



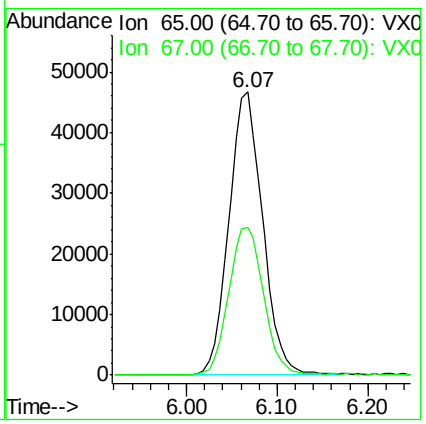


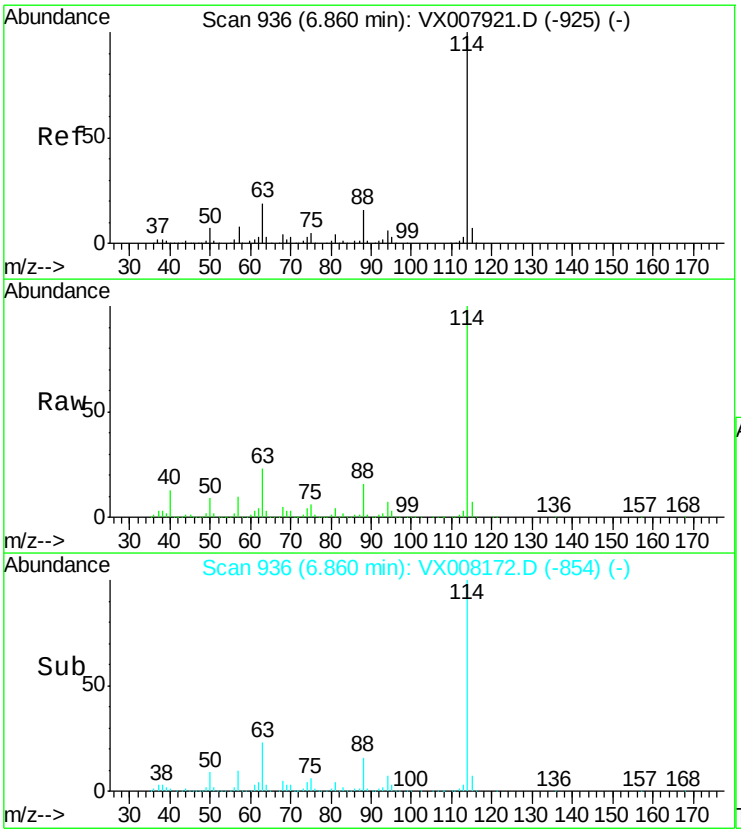
#27
1,2-Dichloroethane-d4
Concen: 30.056 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.01 min
Lab File: VX008172.D
Acq: 18 Mar 2019 18:09

Instrument :
MSVOA_X
ClientSampleId :
101-102

Tgt Ion: 65 Resp: 120143

Ion	Ratio	Lower	Upper
65	100		
67	54.1	42.9	64.3

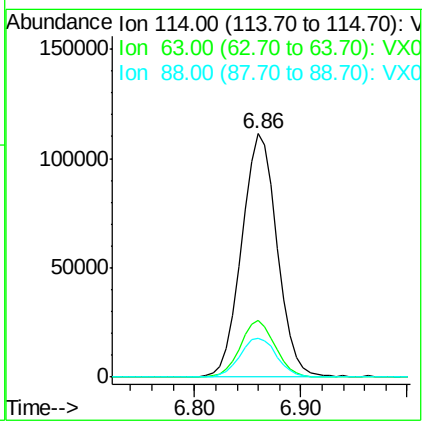


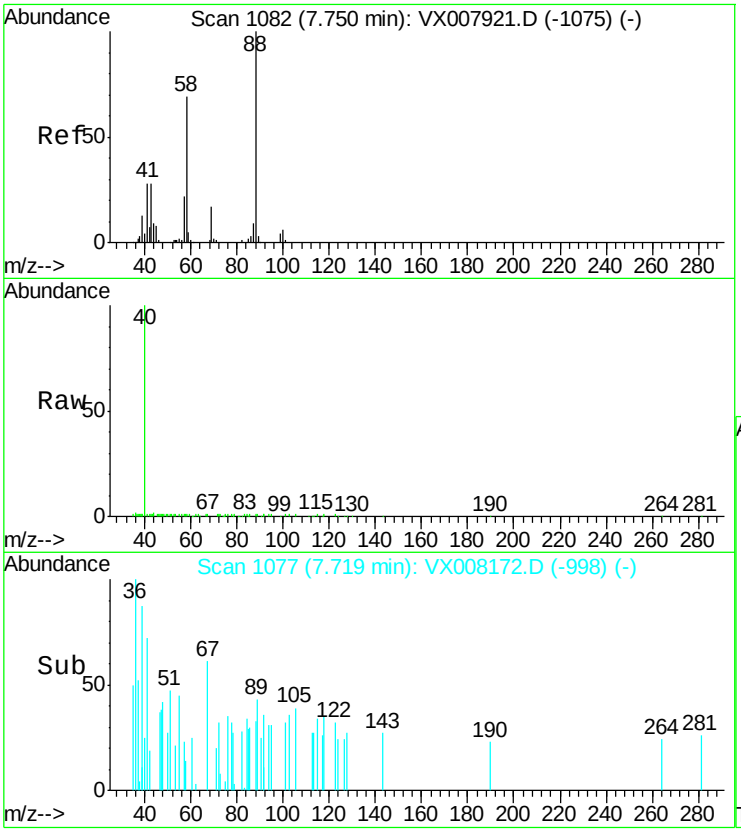


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX008172.D
Acq: 18 Mar 2019 18:09

Tgt Ion:114 Resp: 259964

Ion	Ratio	Lower	Upper
114	100		
63	23.1	14.2	21.4#
88	16.8	11.9	17.9



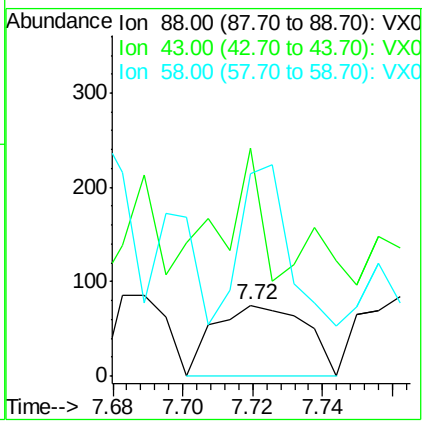


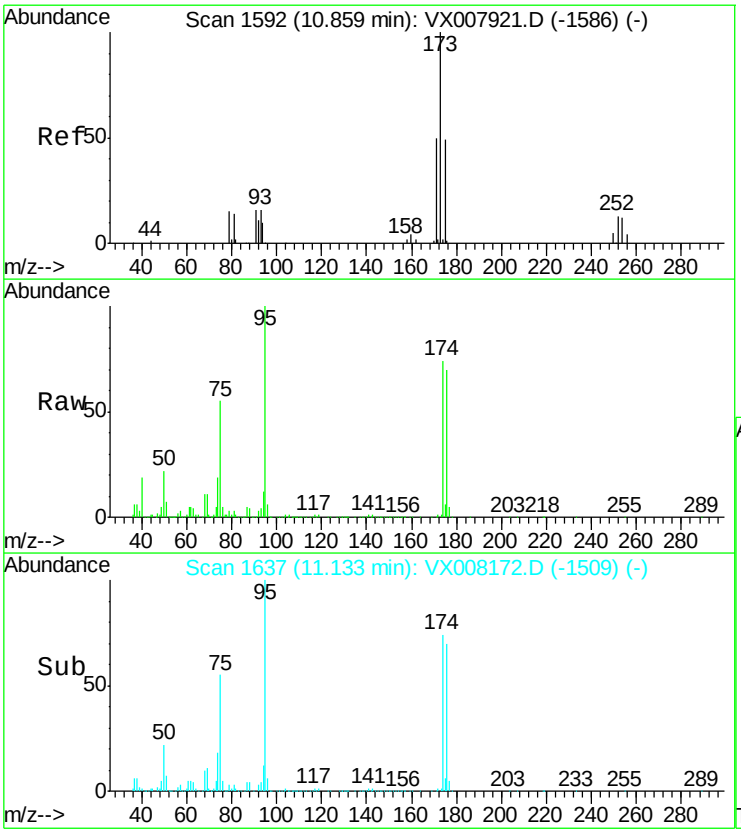
#45
1,4-Dioxane
Concen: 2.183 ug/l
RT: 7.72 min Scan# 1077
Delta R.T. -0.02 min
Lab File: VX008172.D
Acq: 18 Mar 2019 18:09

Instrument :
MSVOA_X
ClientSampleId :
101-102

Tgt Ion: 88 Resp: 136

Ion	Ratio	Lower	Upper
88	100		
43	66.9	23.6	35.4#
58	203.7	51.6	77.4#

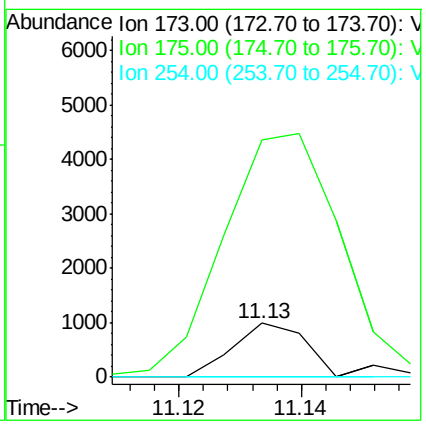


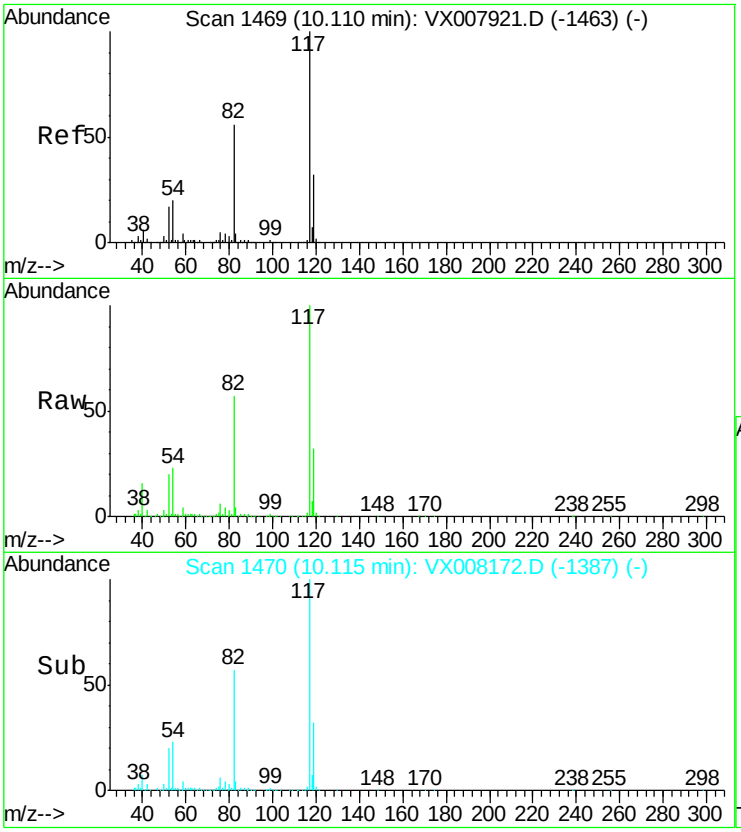


#56
Bromoform
Concen: 0.468 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.28 min
Lab File: VX008172.D
Acq: 18 Mar 2019 18:09

Tgt Ion:173 Resp: 807

Ion	Ratio	Lower	Upper
173	100		
175	740.3	38.5	57.7#
254	0.0	7.4	11.2#



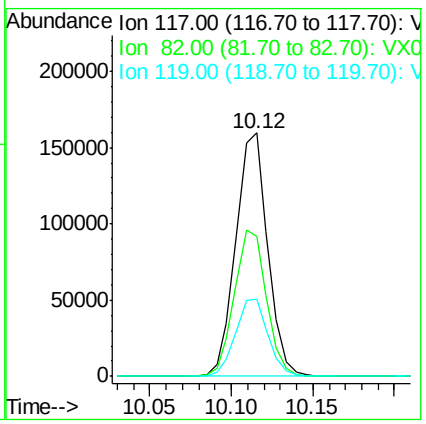


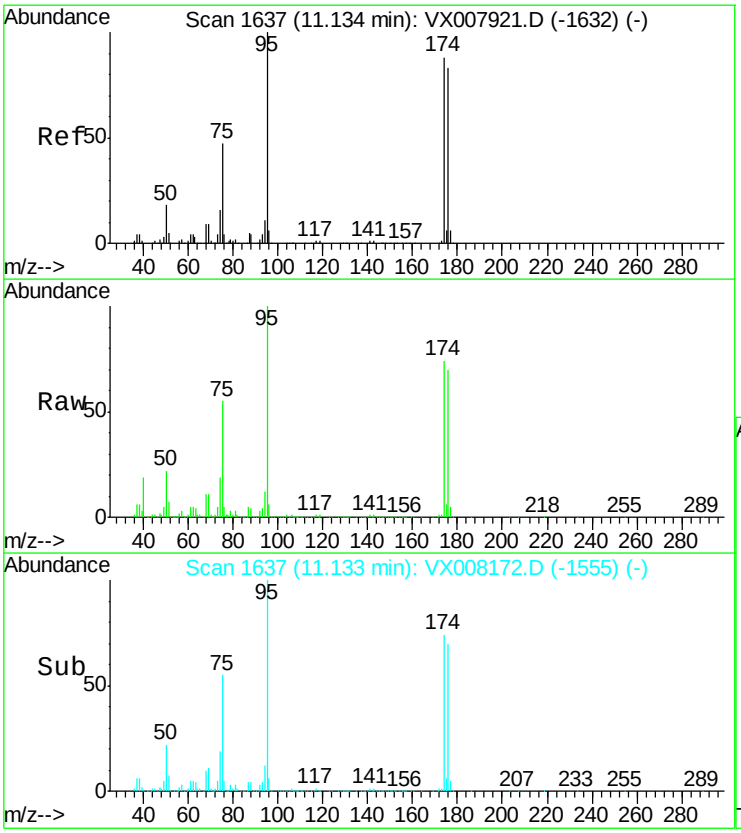
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX008172.D
Acq: 18 Mar 2019 18:09

Instrument :
MSVOA_X
ClientSampleId :
101-102

Tgt Ion:117 Resp: 218087

Ion	Ratio	Lower	Upper
117	100		
82	60.2	40.4	60.6
119	32.4	25.8	38.6

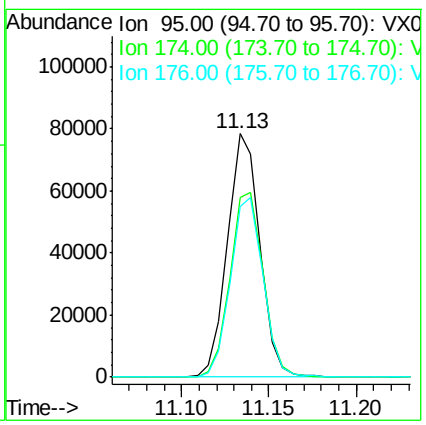


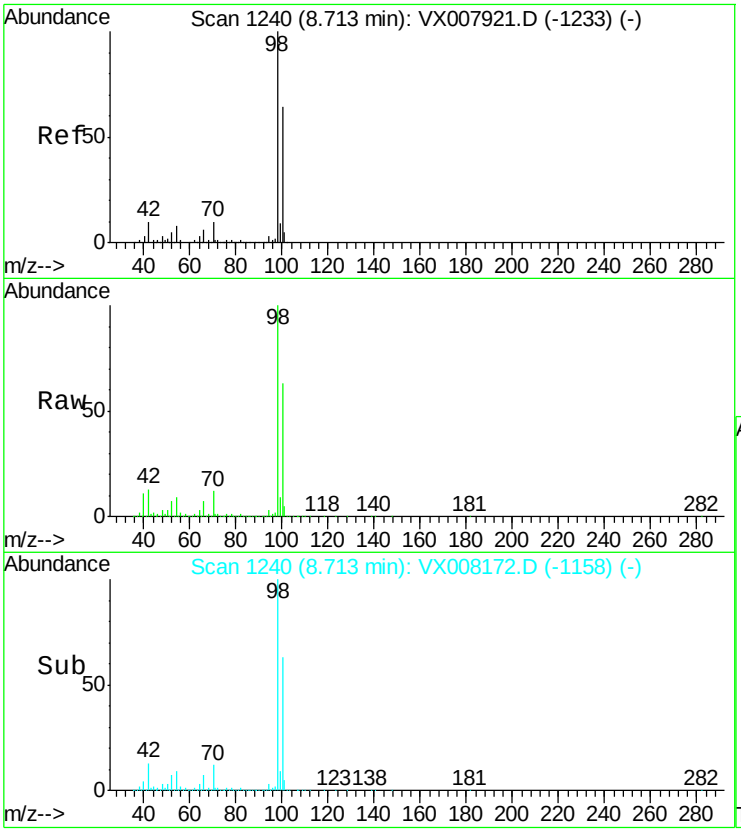


#60
4-Bromofluorobenzene
Concen: 27.687 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008172.D
Acq: 18 Mar 2019 18:09

Tgt Ion: 95 Resp: 100774

Ion	Ratio	Lower	Upper
95	100		
174	78.0	74.9	112.3
176	74.9	70.7	106.1





#63
Toluene-d8
Concen: 30.344 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008172.D
Acq: 18 Mar 2019 18:09

Tgt Ion: 98 Resp: 321530

Ion	Ratio	Lower	Upper
98	100		
100	62.4	50.9	76.3

Instrument :
MSVOA_X
ClientSampleId :
101-102