Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX020819\
Data File : VX007442.D
Acq On : 08 Feb 2019 15:16
Operator : JC/SP
Sample : K1441-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Feb 08 23:00:36 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	77865	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	417503	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	369266	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.07	65	157866	30.89	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 102.97%			
60) 4-Bromofluorobenzene	11.13	95	161336	28.31	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 94.37%			
63) Toluene-d8	8.71	98	486857	29.25	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 97.50%			
Target Compounds						Qvalue
3) Chloromethane	1.33	50	875	0.224	ug/l	100
12) Methyl Acetate	2.78	43	11356	1.659	ug/l	100
13) Acrolein	2.14	56	140	0.283	ug/l	94
15) Acetone	2.45	58	2208018	3031.629	ug/l	91
18) Methylene Chloride	2.86	84	1436	0.310	ug/l #	71
25) Chloroform	5.21	83	40194	5.234	ug/l	96
30) 2-Butanone	4.70	43	1625	0.500	ug/l #	65
41) Bromodichloromethane	7.90	83	13269	2.493	ug/l #	96
45) 1,4-Dioxane	7.75	88	28	0.244	ug/l #	26
51) Ethyl methacrylate	8.72	69	1772	0.272	ug/l	87
53) Dibromochloromethane	9.59	129	3629	0.789	ug/l	86

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX020819\
Data File : VX007442.D
Acq On : 08 Feb 2019 15:16
Operator : JC/SP
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Misc : 5.0mL/MSVOA_X/WATER
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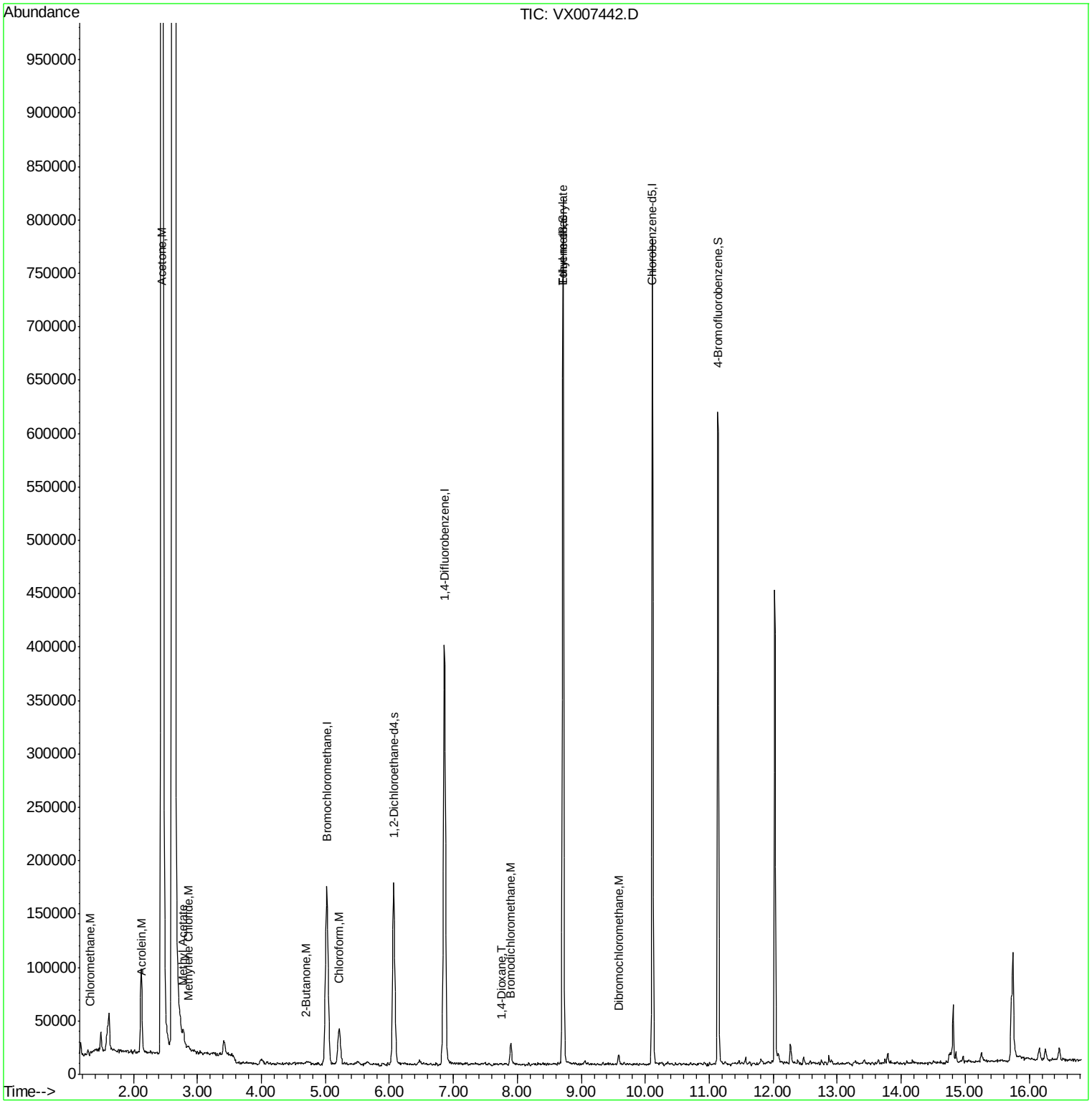
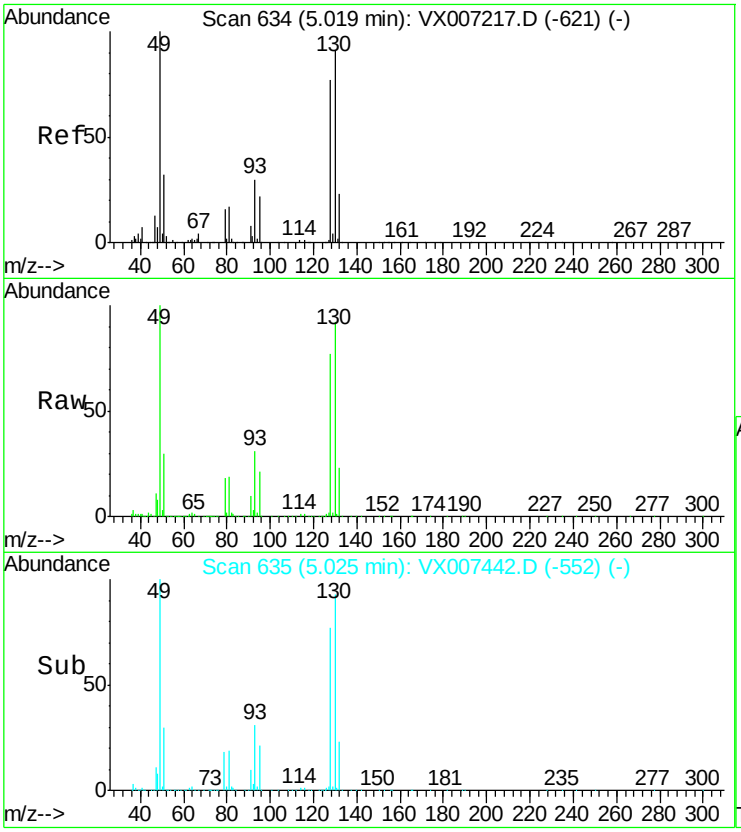
Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Feb 08 23:00:36 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



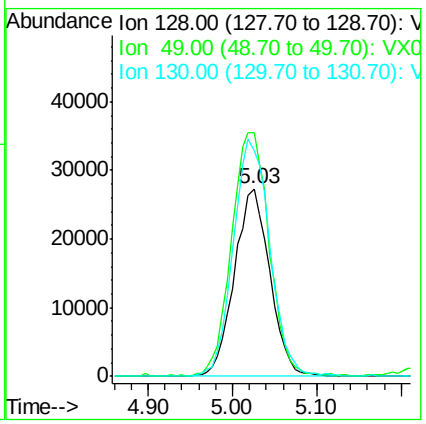


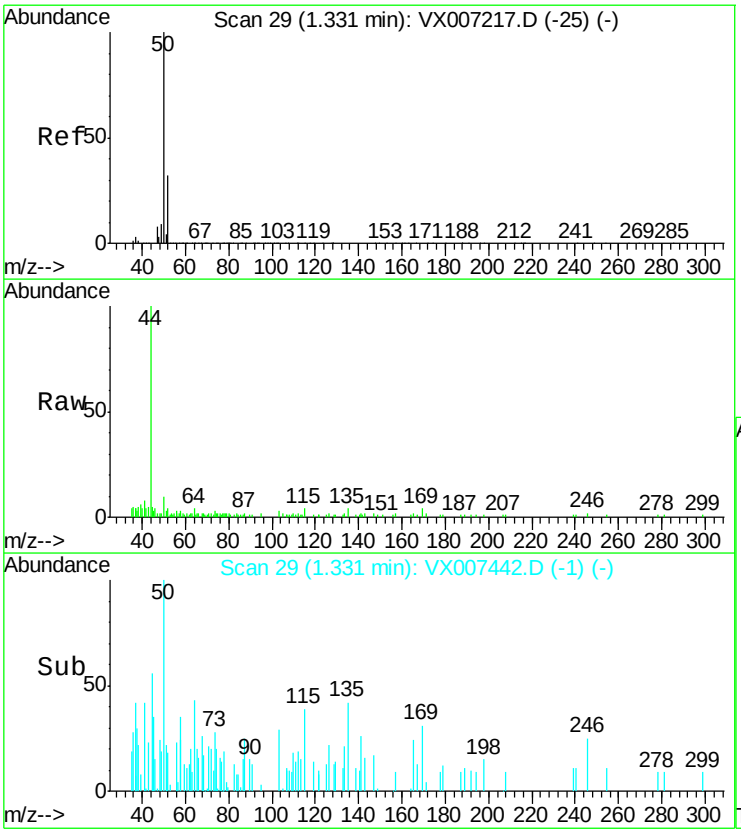
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.03 min Scan# 635
Delta R.T. 0.01 min
Lab File: VX007442.D
Acq: 08 Feb 2019 15:16

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 77865

Ion	Ratio	Lower	Upper
128	100		
49	137.1	0.0	345.5
130	130.5	0.0	320.0

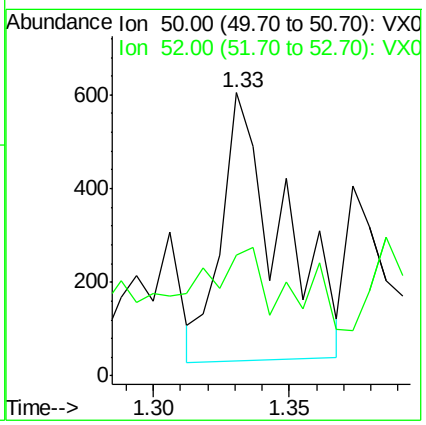


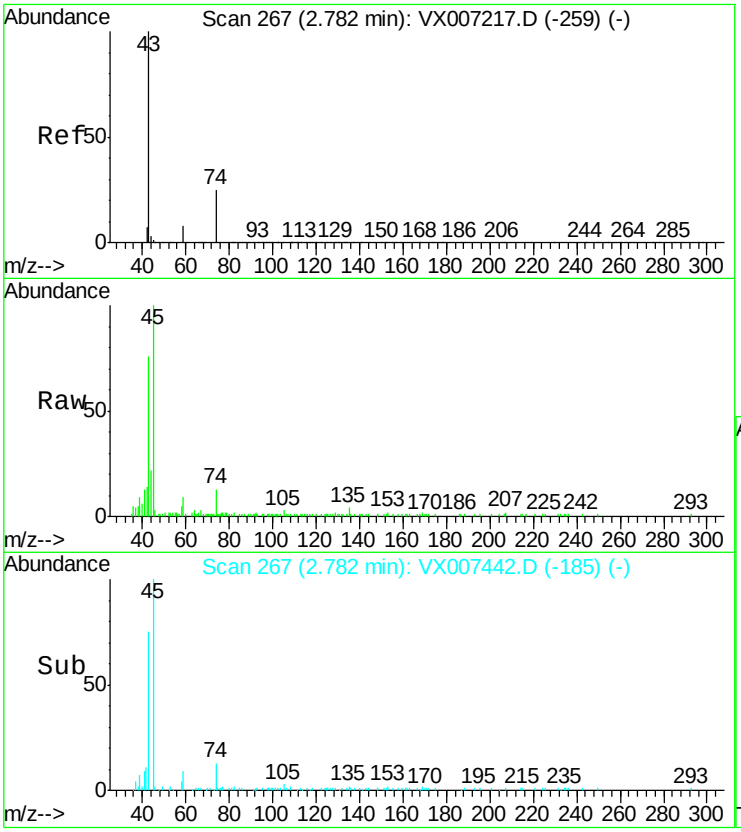


#3
Chloromethane
Concen: 0.224 ug/l
RT: 1.33 min Scan# 29
Delta R.T. -0.00 min
Lab File: VX007442.D
Acq: 08 Feb 2019 15:16

Tgt Ion: 50 Resp: 875

Ion	Ratio	Lower	Upper
50	100		
52	32.1	25.7	38.5



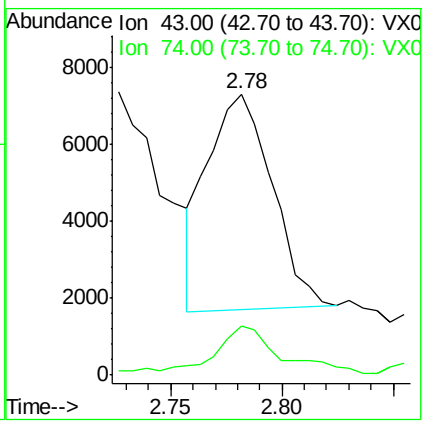


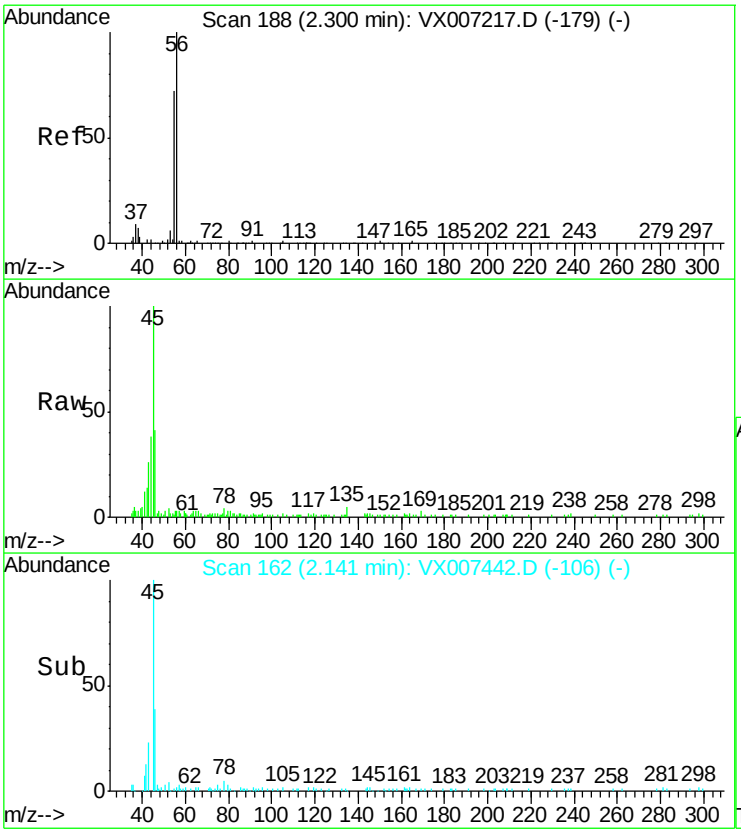
#12
Methyl Acetate
Concen: 1.659 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX007442.D
Acq: 08 Feb 2019 15:16

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 11356

Ion	Ratio	Lower	Upper
43	100		
74	24.8	19.8	29.8

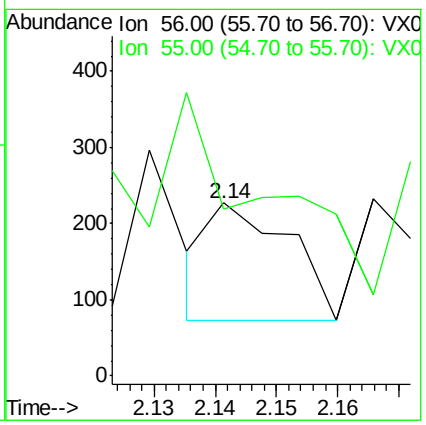


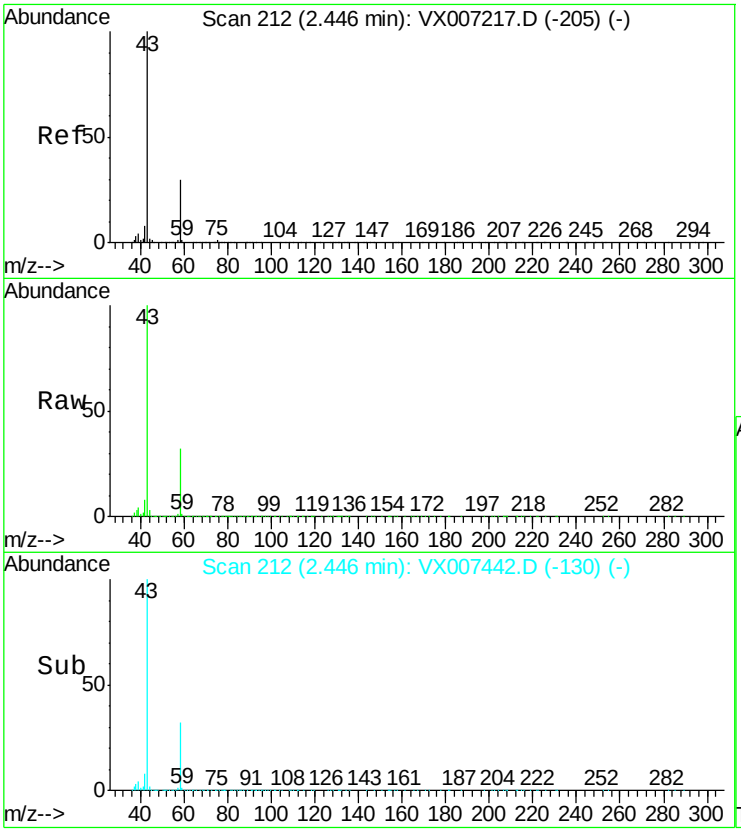


#13
Acrolein
Concen: 0.283 ug/l
RT: 2.14 min Scan# 162
Delta R.T. -0.16 min
Lab File: VX007442.D
Acq: 08 Feb 2019 15:16

Tgt Ion: 56 Resp: 140

Ion	Ratio	Lower	Upper
56	100		
55	68.6	58.6	87.8



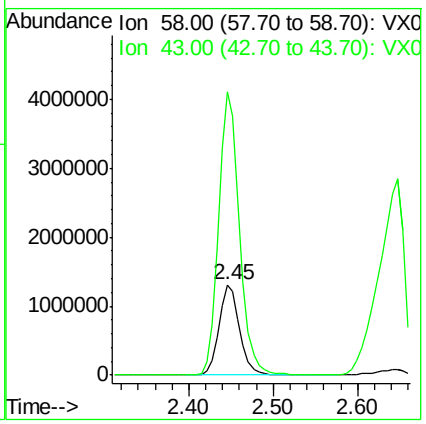


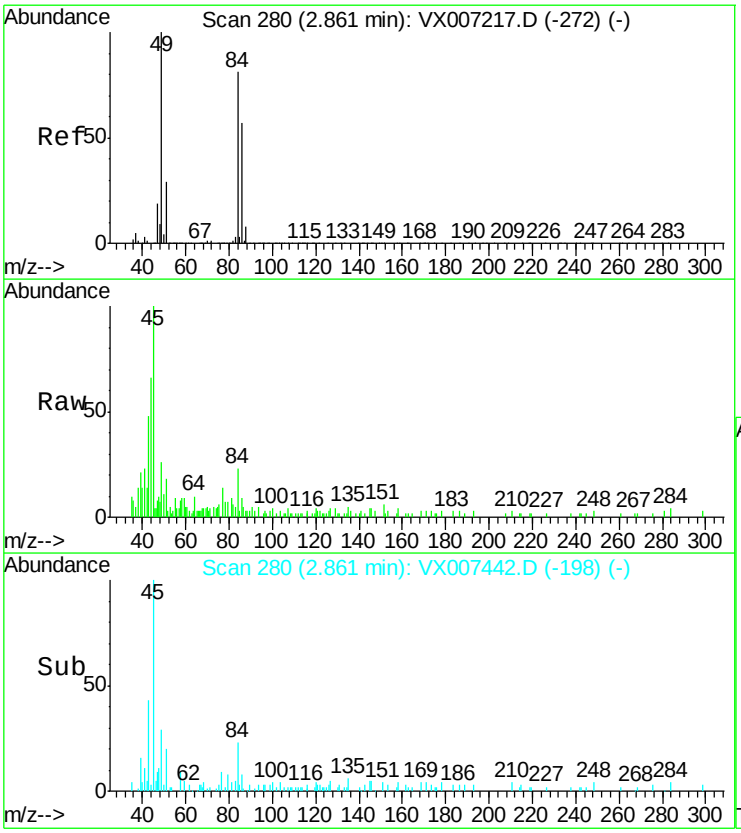
#15
Acetone
Concen: 3031.629 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX007442.D
Acq: 08 Feb 2019 15:16

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 58 Resp: 2208018

Ion	Ratio	Lower	Upper
58	100		
43	313.6	265.9	398.9

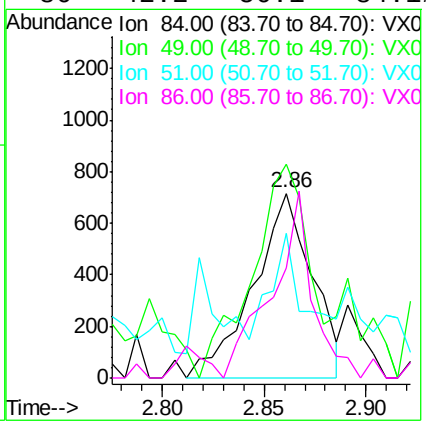


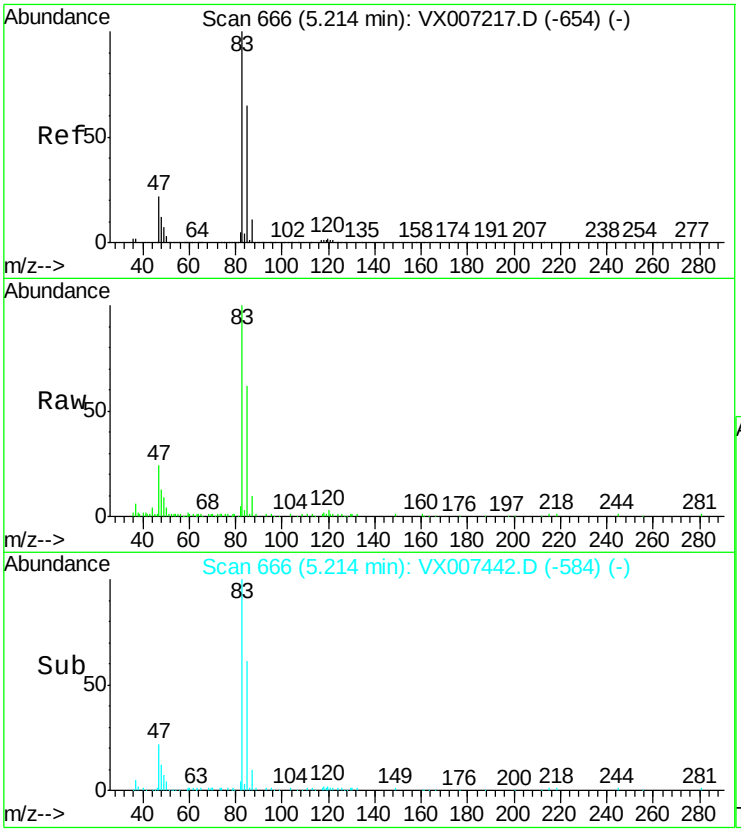


#18
Methylene Chloride
Concen: 0.310 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX007442.D
Acq: 08 Feb 2019 15:16

Tgt Ion: 84 Resp: 1436

Ion	Ratio	Lower	Upper
84	100		
49	100.4	98.4	147.6
51	65.0	28.9	43.3#
86	42.2	56.1	84.1#



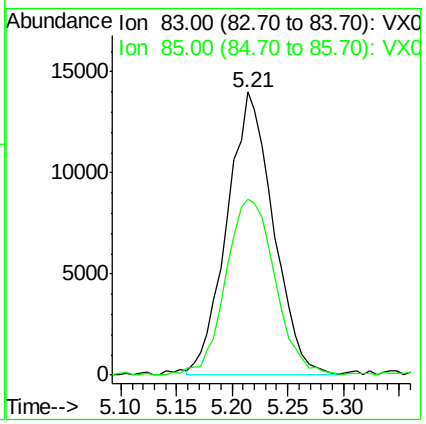


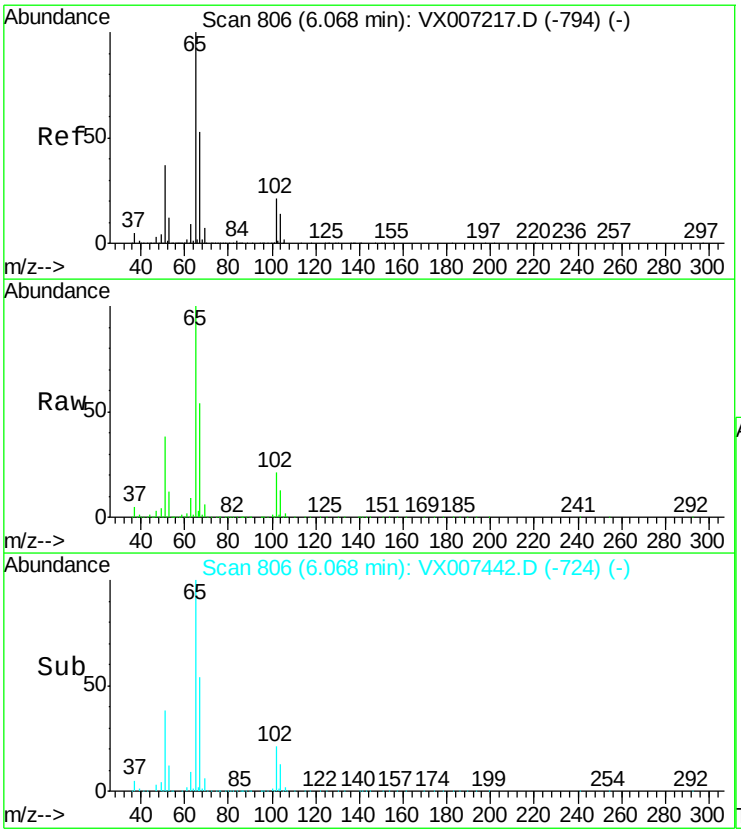
#25
Chloroform
Concen: 5.234 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX007442.D
Acq: 08 Feb 2019 15:16

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 83 Resp: 40194

Ion	Ratio	Lower	Upper
83	100		
85	61.7	51.9	77.9

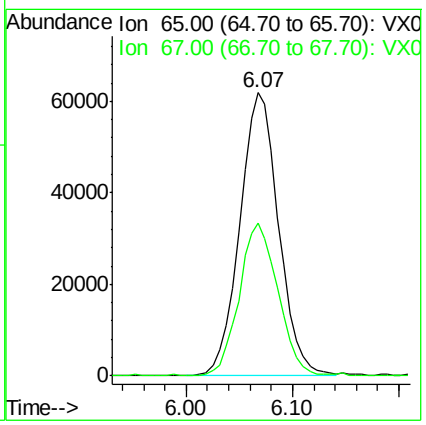


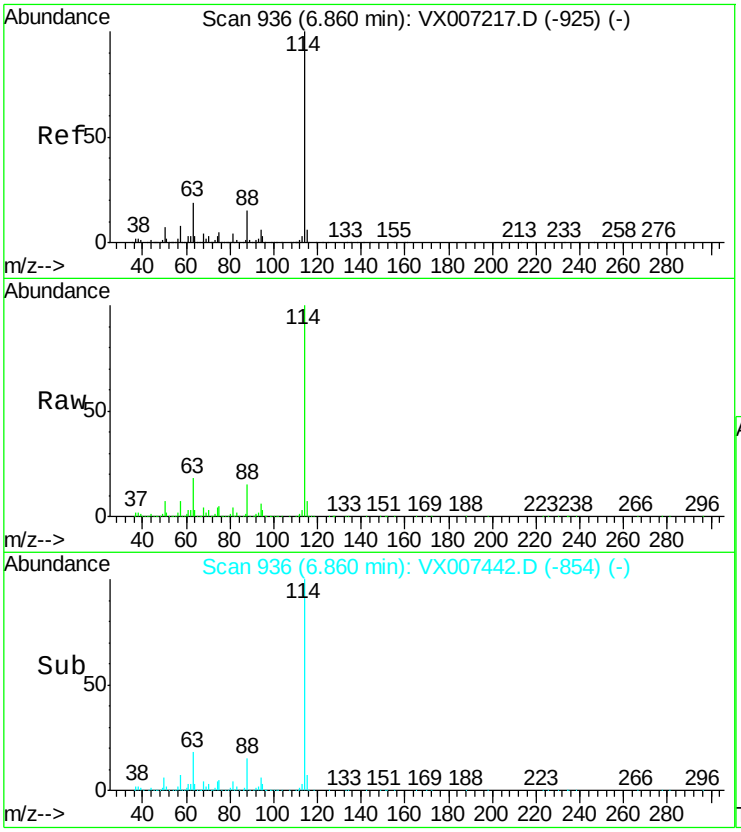


#27
1,2-Dichloroethane-d4
Concen: 30.886 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX007442.D
Acq: 08 Feb 2019 15:16

Tgt Ion: 65 Resp: 157866

Ion	Ratio	Lower	Upper
65	100		
67	53.8	42.0	63.0



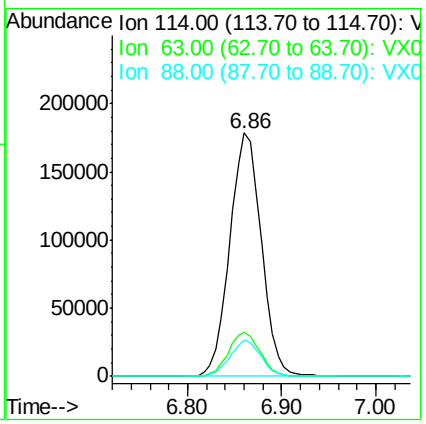


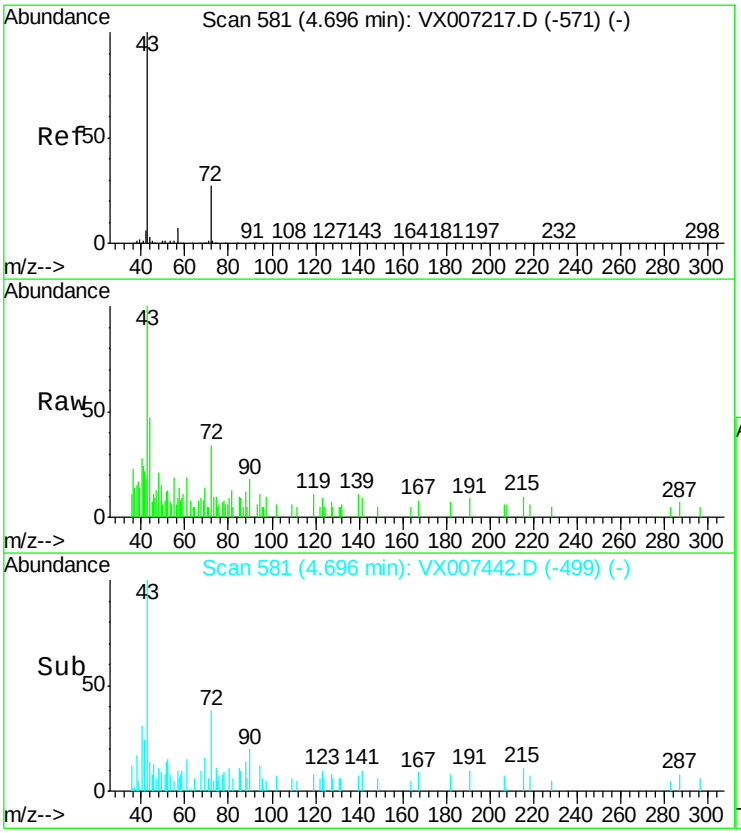
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX007442.D
Acq: 08 Feb 2019 15:16

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:114 Resp: 417503

Ion	Ratio	Lower	Upper
114	100		
63	18.3	14.6	21.8
88	14.6	11.8	17.6

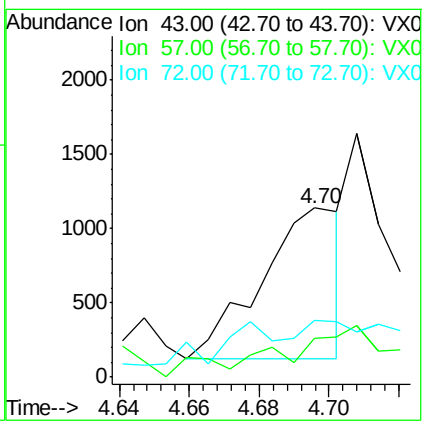


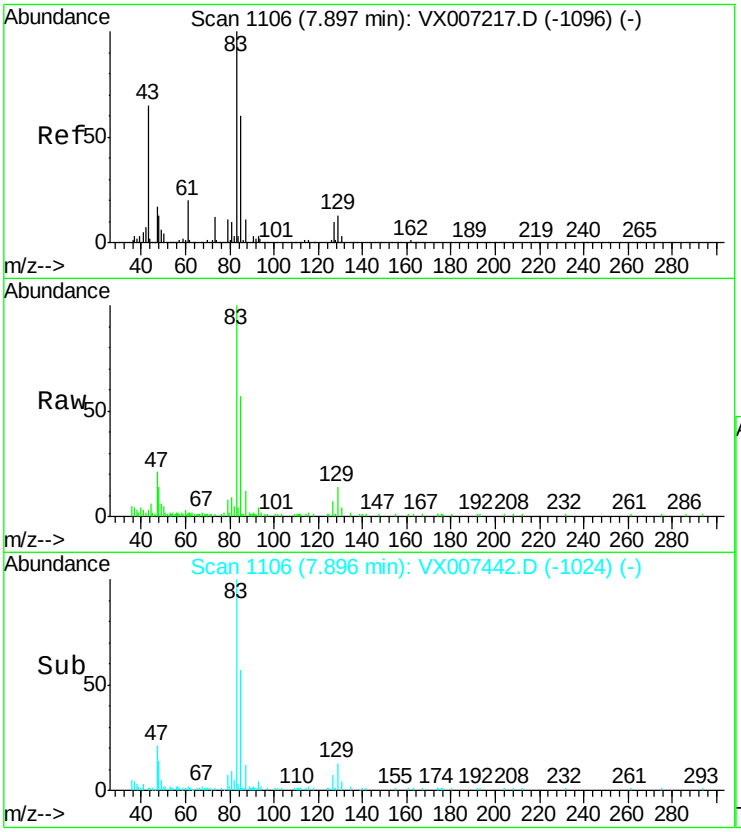


#30
2-Butanone
Concen: 0.500 ug/l
RT: 4.70 min Scan# 581
Delta R.T. -0.00 min
Lab File: VX007442.D
Acq: 08 Feb 2019 15:16

Tgt Ion: 43 Resp: 1625

Ion	Ratio	Lower	Upper
43	100		
57	0.0	3.3	4.9#
72	7.7	22.0	33.0#



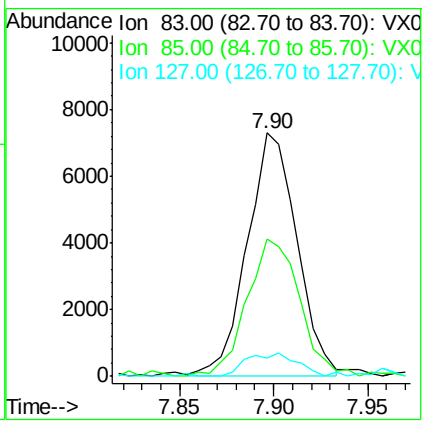


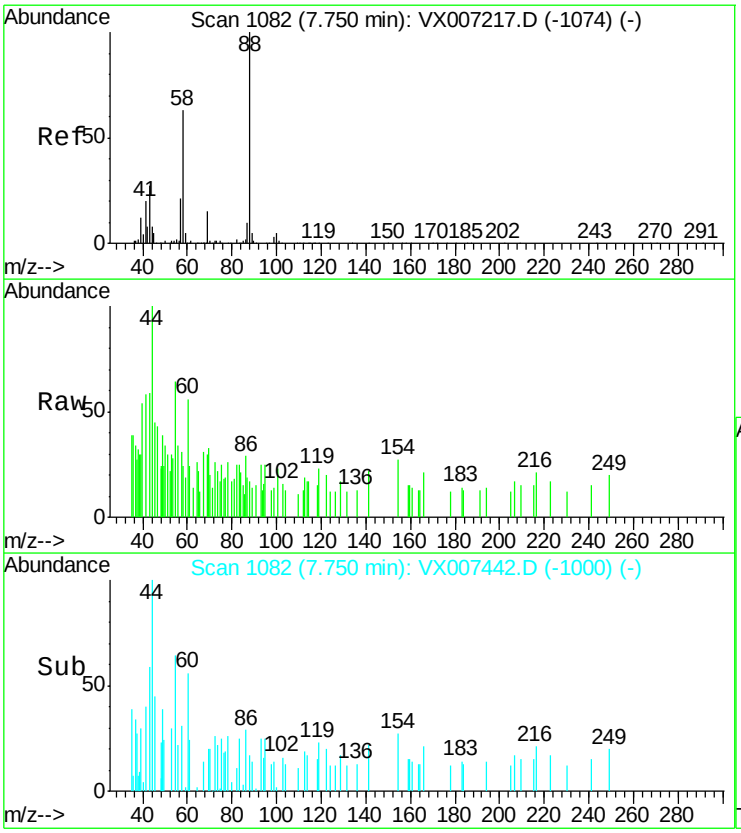
#41
Bromodichloromethane
Concen: 2.493 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VX007442.D
Acq: 08 Feb 2019 15:16

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 83 Resp: 13269

Ion	Ratio	Lower	Upper
83	100		
85	58.3	48.2	72.2
127	6.1	8.3	12.5#

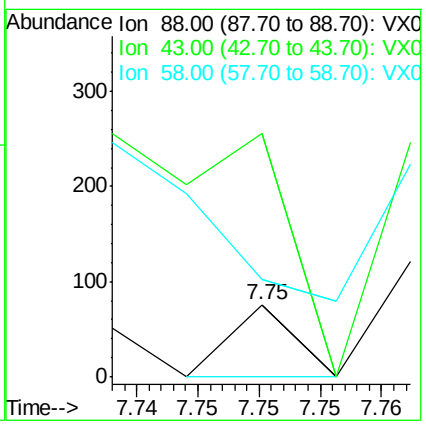


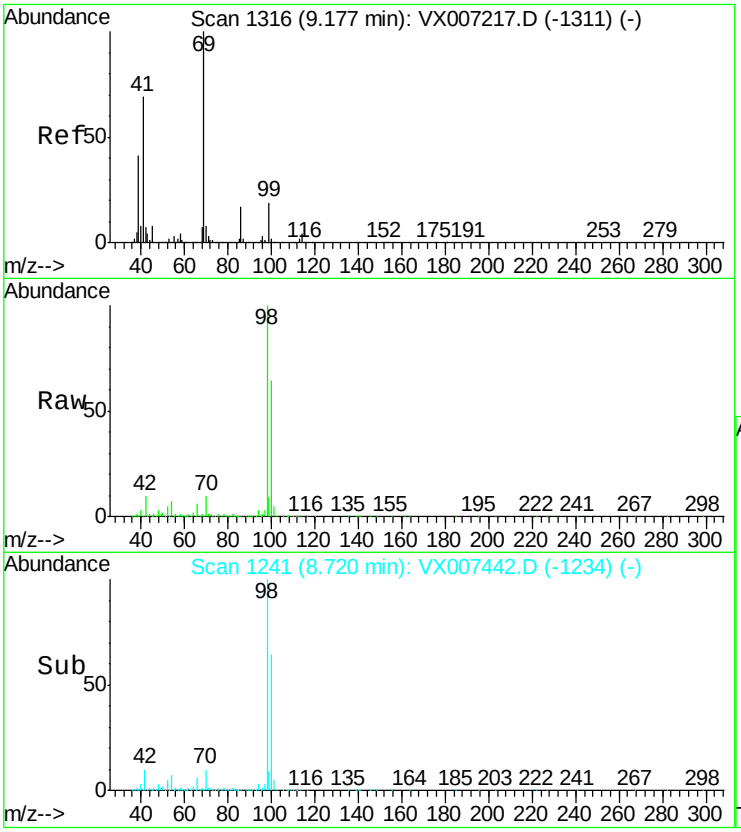


#45
1,4-Dioxane
Concen: 0.244 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.00 min
Lab File: VX007442.D
Acq: 08 Feb 2019 15:16

Tgt Ion: 88 Resp: 28

Ion	Ratio	Lower	Upper
88	100		
43	0.0	23.5	35.3#
58	0.0	51.6	77.4#



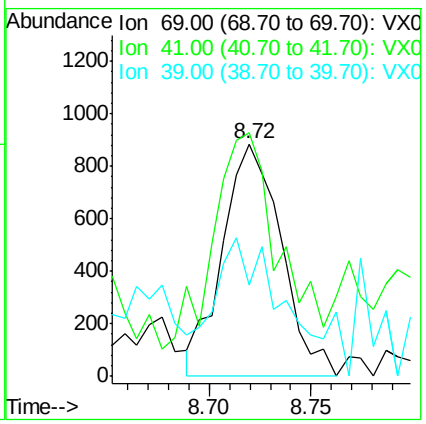


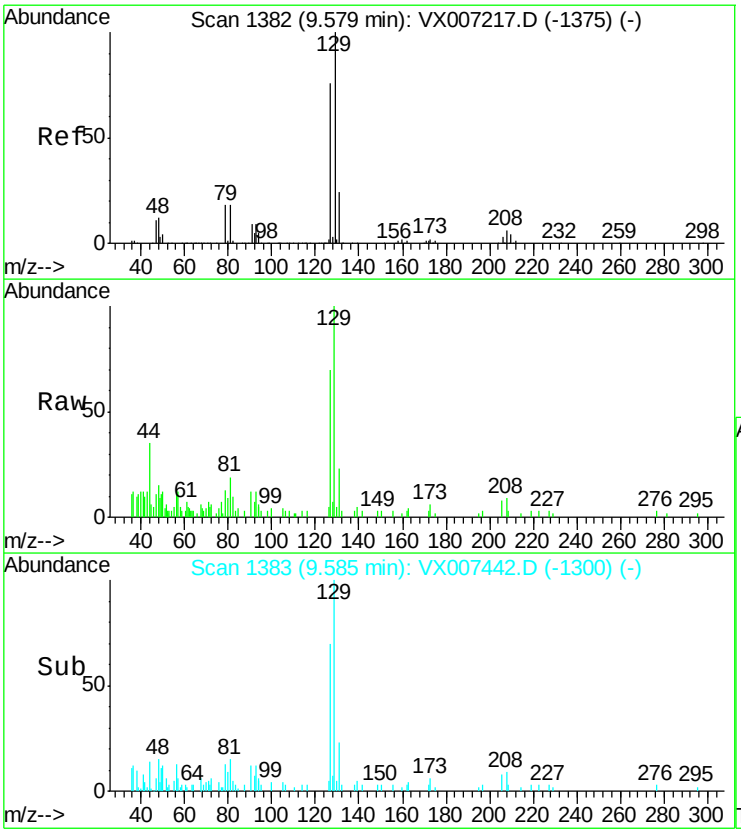
#51
Ethyl methacrylate
Concen: 0.272 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.46 min
Lab File: VX007442.D
Acq: 08 Feb 2019 15:16

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 69 Resp: 1772

Ion	Ratio	Lower	Upper
69	100		
41	70.3	34.2	102.6
39	21.4	20.3	60.8

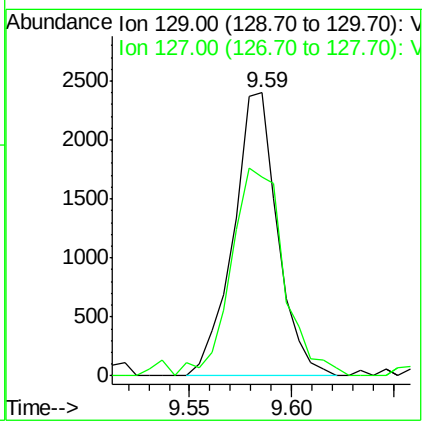


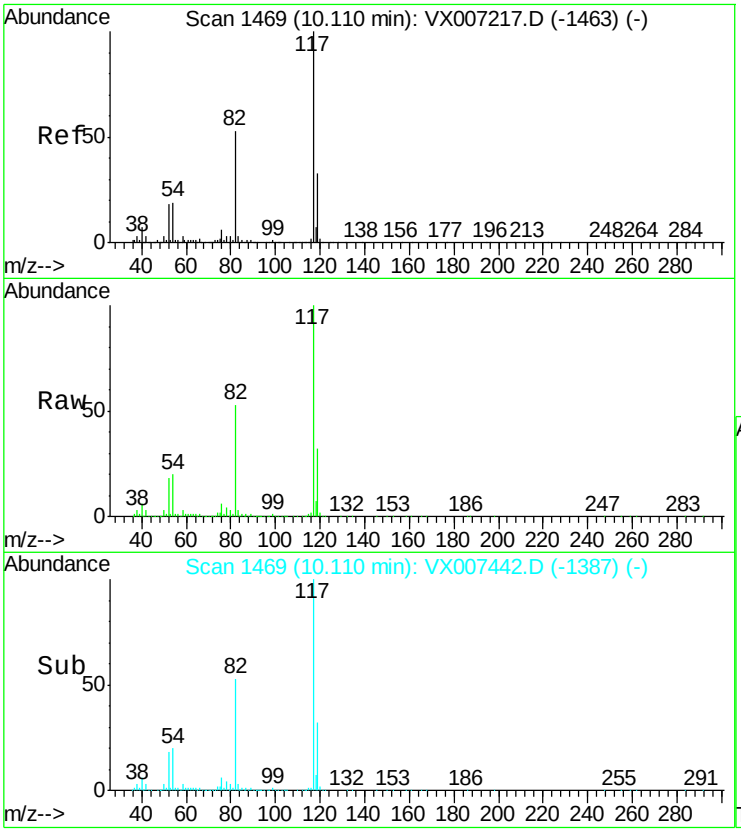


#53
Dibromochloromethane
Concen: 0.789 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX007442.D
Acq: 08 Feb 2019 15:16

Tgt Ion:129 Resp: 3629

Ion	Ratio	Lower	Upper
129	100		
127	87.2	37.7	113.1



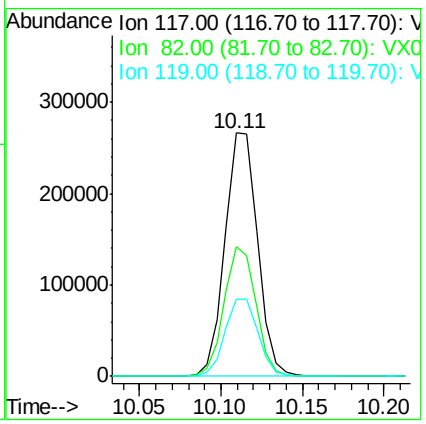


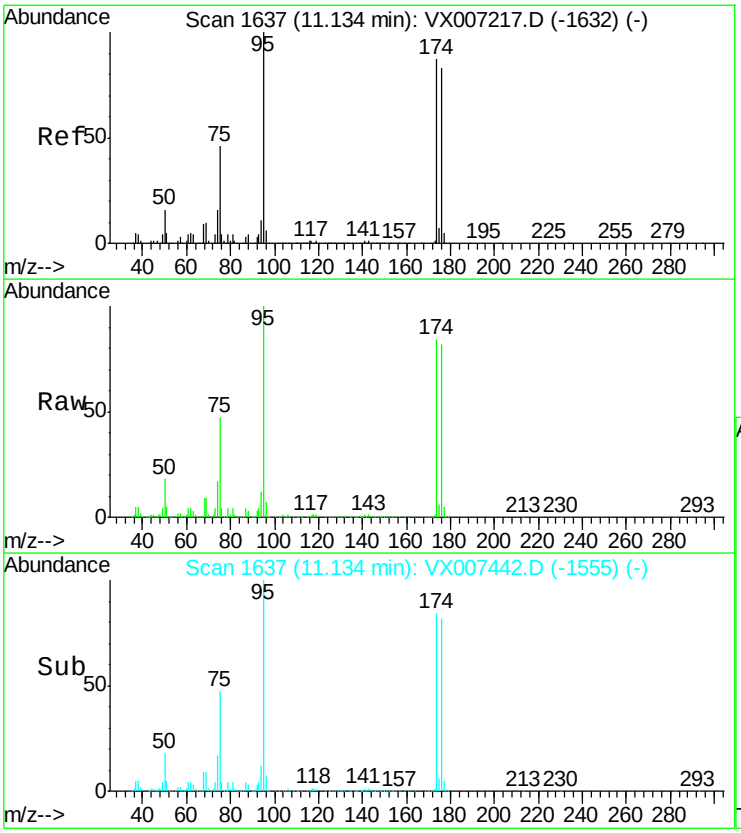
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007442.D
Acq: 08 Feb 2019 15:16

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 369266

Ion	Ratio	Lower	Upper
117	100		
82	52.2	41.4	62.0
119	32.3	25.7	38.5

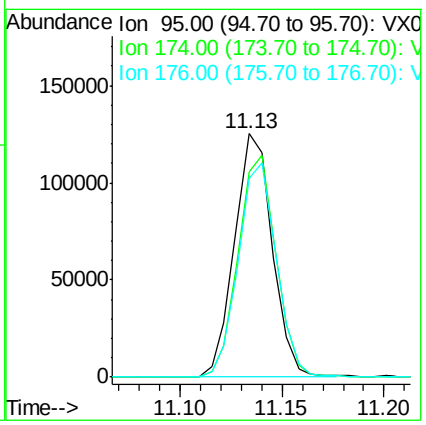


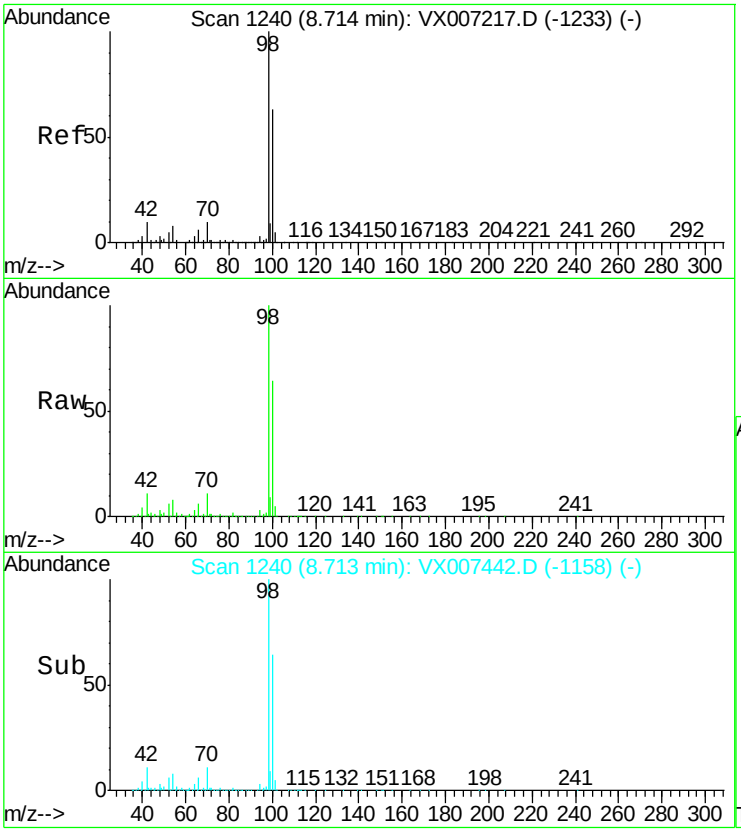


#60
4-Bromofluorobenzene
Concen: 28.308 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007442.D
Acq: 08 Feb 2019 15:16

Tgt Ion: 95 Resp: 161336

Ion	Ratio	Lower	Upper
95	100		
174	91.5	74.8	112.2
176	89.0	72.5	108.7





#63
Toluene-d8
Concen: 29.250 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007442.D
Acq: 08 Feb 2019 15:16

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 486857

Ion	Ratio	Lower	Upper
98	100		
100	64.4	49.9	74.9