Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX062818\
Data File : VX003004.D
Acq On : 28 Jun 2018 23:38
Operator : JC/MD
Sample : J3737-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BEL-01

Quant Time: Jun 29 05:34:39 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X061818W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jun 18 15:18:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.03	128	48333	30.00	ug/l		0.00
28) 1,4-Difluorobenzene	6.87	114	260381	30.00	ug/l		0.00
57) Chlorobenzene-d5	10.12	117	242847	30.00	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	6.07	65	110955	30.06	ug/l		0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 100.20%				
60) 4-Bromofluorobenzene	11.14	95	113916	28.40	ug/l		0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 94.67%				
63) Toluene-d8	8.72	98	301184	28.39	ug/l		0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 94.63%				
Target Compounds							Qvalue
4) Vinyl Chloride	1.40	62	575	0.21	ug/l	#	1
5) Bromomethane	1.65	94	1068	0.66	ug/l		96
6) Chloroethane	1.32	64	1878721	1001.10	ug/l	#	53
11) Methyl Iodide	2.52	142	2441	0.85	ug/l		90
13) Acrolein	2.28	56	60	0.21	ug/l		98
14) Acrylonitrile	3.15	53	363	0.24	ug/l	#	2
15) Acetone	2.45	58	2798	6.60	ug/l	#	63
16) Carbon Disulfide	2.57	76	7960	1.27	ug/l		95
18) Methylene Chloride	2.86	84	876	0.31	ug/l	#	81
30) 2-Butanone	4.71	43	9238	4.59	ug/l	#	97
34) Benzene	6.15	78	2931	0.28	ug/l	#	77
37) Trichloroethene	7.22	130	625	0.20	ug/l	#	50
56) Bromoform	11.14	173	1336	0.57	ug/l	#	1
58) 4-Methyl-2-Pentanone	8.65	43	1802	0.44	ug/l	#	93
59) 2-Hexanone	9.51	43	1046	0.33	ug/l		96
66) Ethyl Benzene	10.26	91	7005	0.53	ug/l		93
69) Styrene	10.71	104	9532	1.14	ug/l	#	88
77) t-1,4-Dichloro-2-butene	11.14	75	59649	52.00	ug/l	#	11

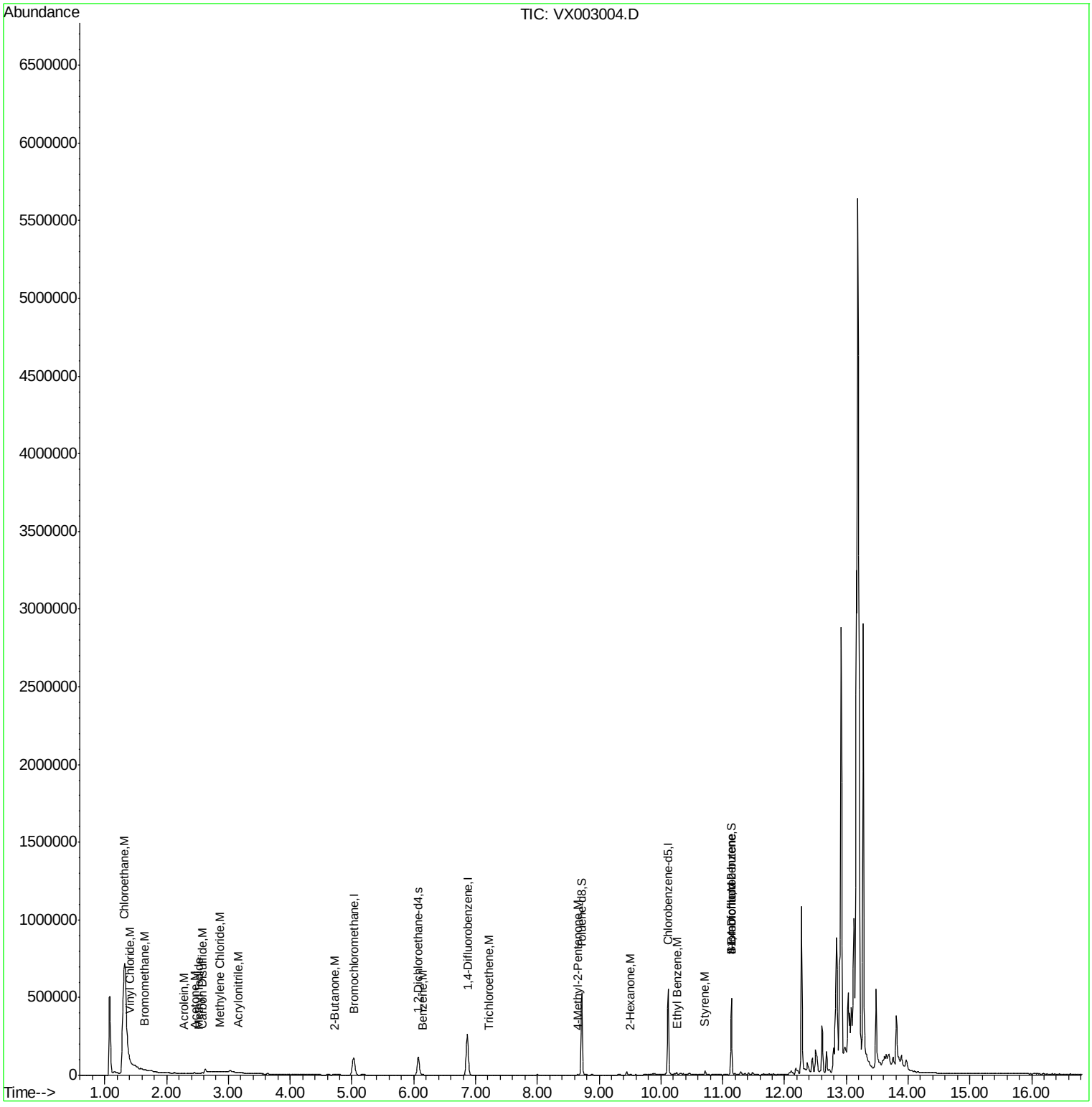
(#) = qualifier out of range (m) = manual integration (+) = signals summed

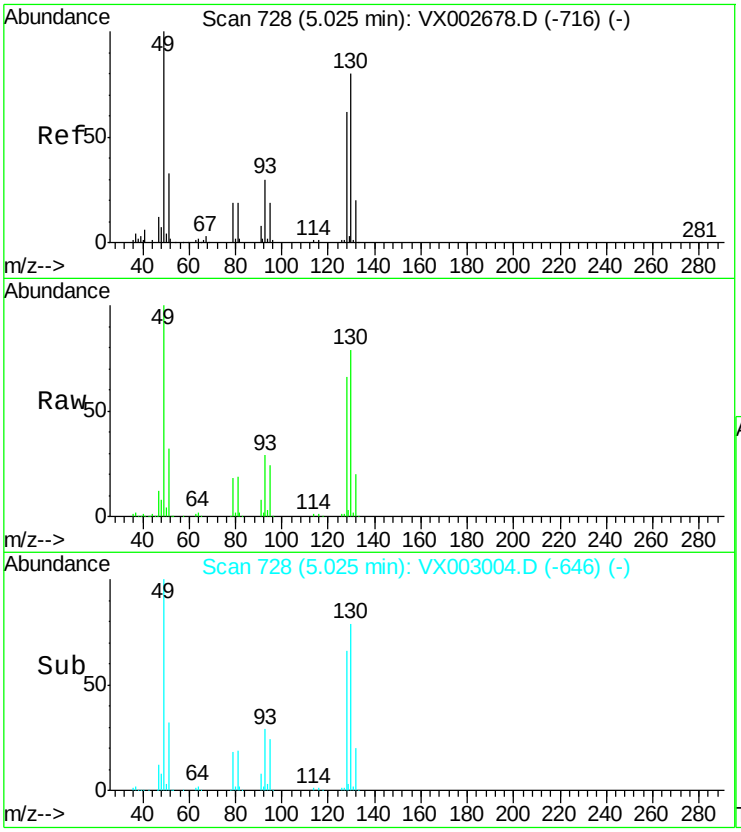
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX062818\
Data File : VX003004.D
Acq On : 28 Jun 2018 23:38
Operator : JC/MD
Sample : J3737-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BEL-01

Quant Time: Jun 29 05:34:39 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X061818W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jun 18 15:18:02 2018
Response via : Initial Calibration



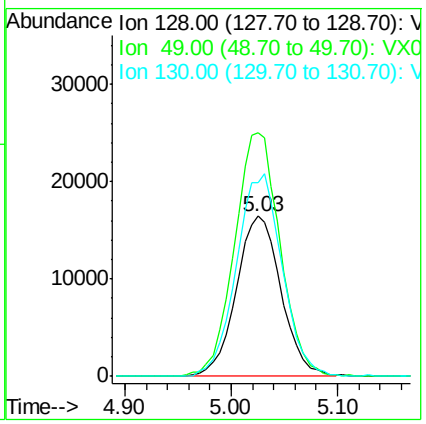


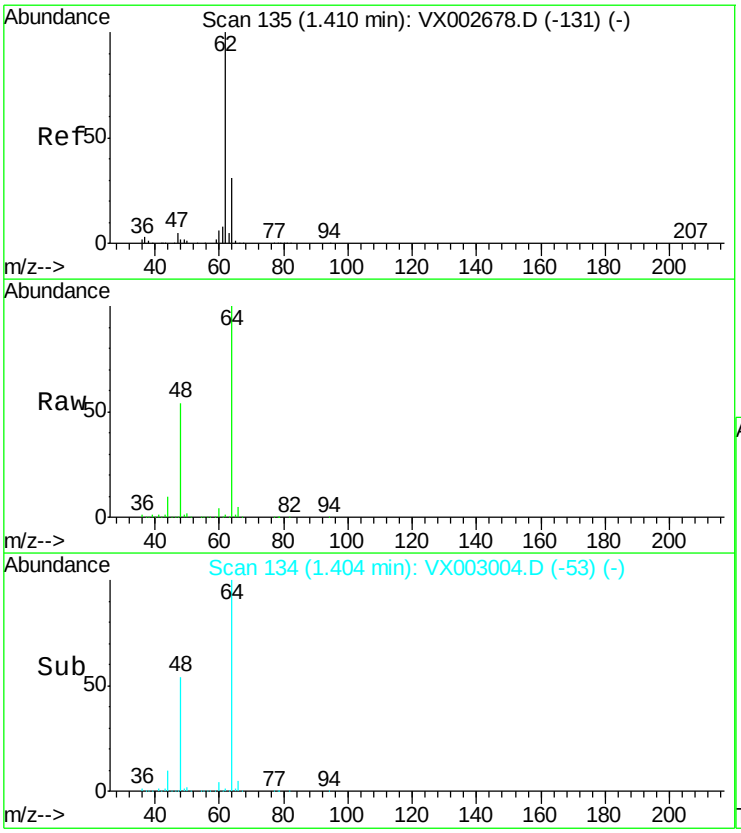
#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 5.03 min Scan# 728
Delta R.T. -0.00 min
Lab File: VX003004.D
Acq: 28 Jun 2018 23:38

Instrument :
MSVOA_X
ClientSampleId :
BEL-01

Tgt Ion:128 Resp: 48333

Ion	Ratio	Lower	Upper
128	100		
49	155.1	0.0	423.0
130	129.5	0.0	324.3

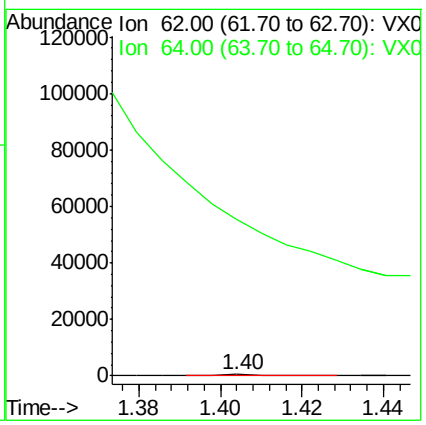


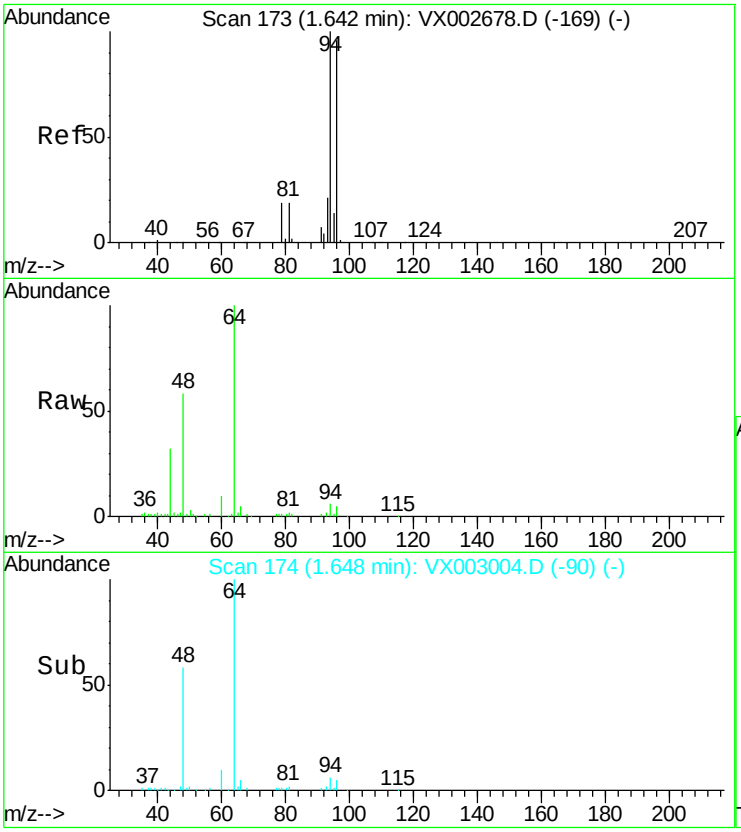


#4
Vinyl Chloride
Concen: 0.21 ug/l
RT: 1.40 min Scan# 134
Delta R.T. -0.01 min
Lab File: VX003004.D
Acq: 28 Jun 2018 23:38

Tgt Ion: 62 Resp: 575

Ion	Ratio	Lower	Upper
62	100		
64	3855.5	25.3	37.9#



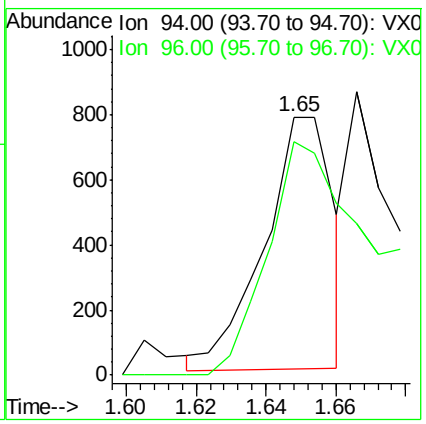


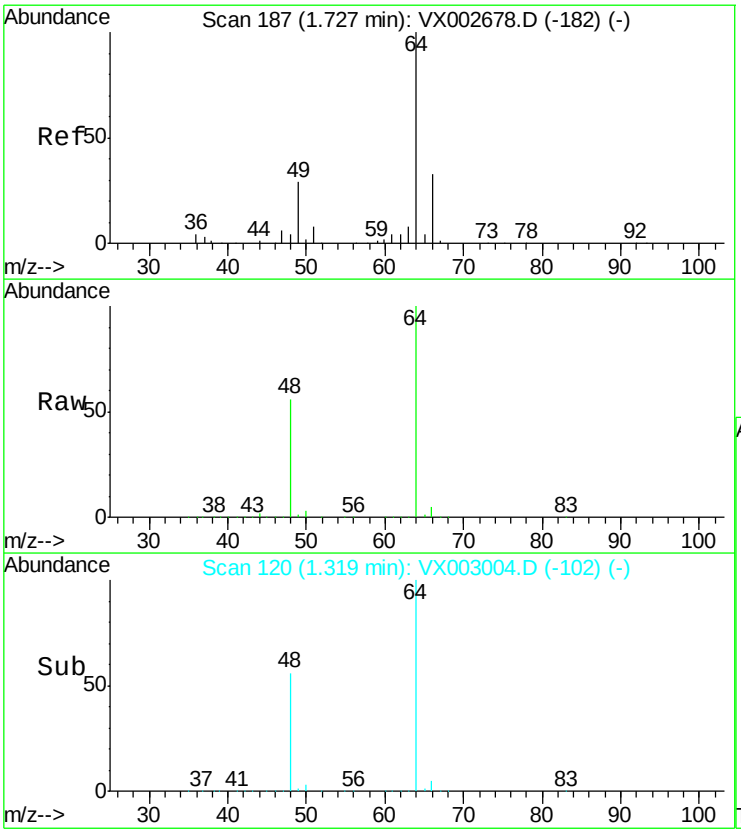
#5
Bromomethane
Concen: 0.66 ug/l
RT: 1.65 min Scan# 174
Delta R.T. 0.01 min
Lab File: VX003004.D
Acq: 28 Jun 2018 23:38

Instrument :
MSVOA_X
ClientSampleId :
BEL-01

Tgt Ion: 94 Resp: 1068

Ion	Ratio	Lower	Upper
94	100		
96	98.2	75.7	113.5

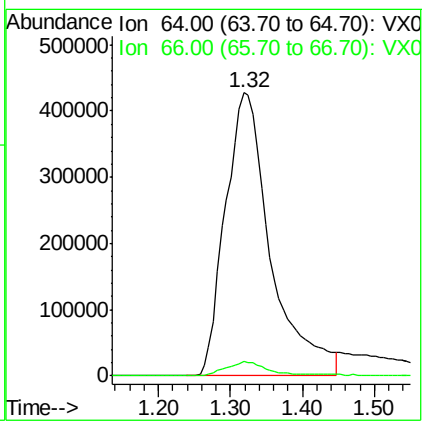


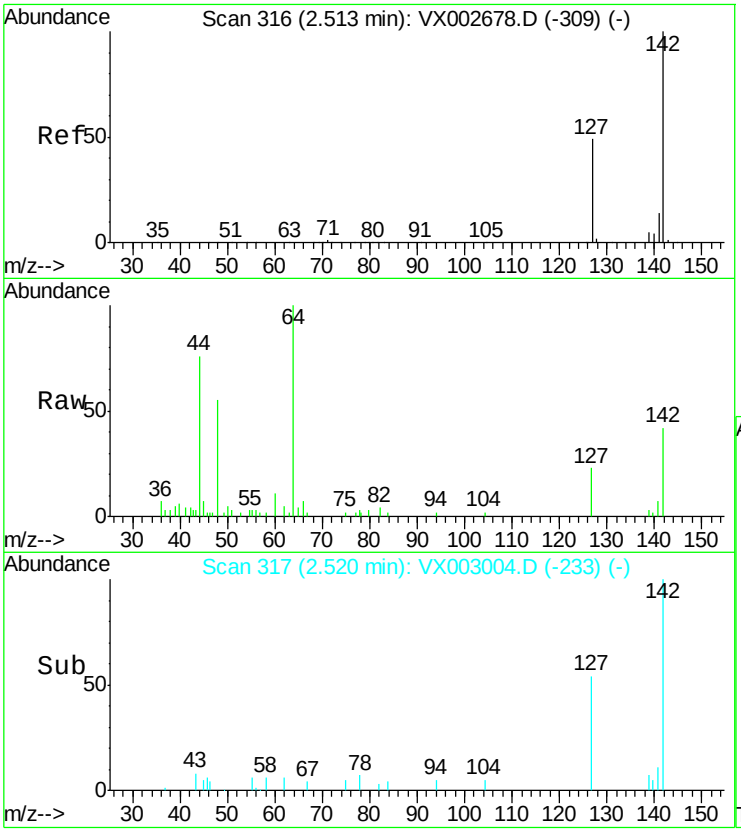


#6
Chloroethane
Concen: 1001.10 ug/l
RT: 1.32 min Scan# 120
Delta R.T. -0.39 min
Lab File: VX003004.D
Acq: 28 Jun 2018 23:38

Tgt Ion: 64 Resp: 1878721

Ion	Ratio	Lower	Upper
64	100		
66	5.0	24.3	36.5#



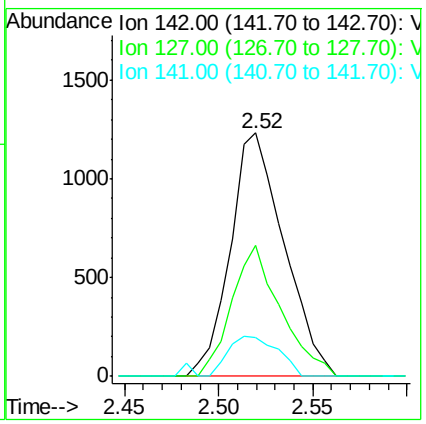


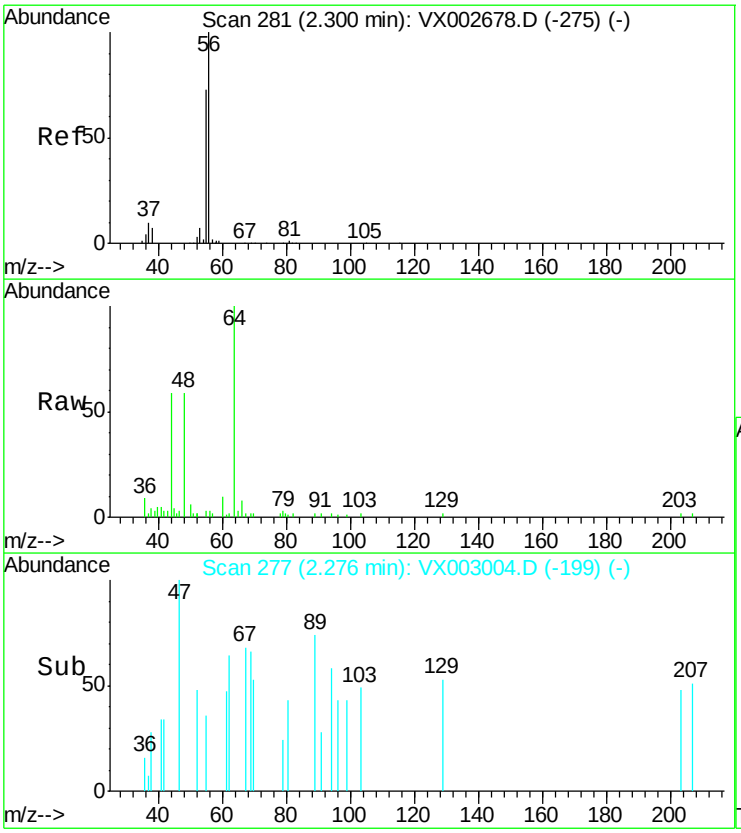
#11
Methyl Iodide
Concen: 0.85 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX003004.D
Acq: 28 Jun 2018 23:38

Instrument :
MSVOA_X
ClientSampleId :
BEL-01

Tgt Ion:142 Resp: 2441

Ion	Ratio	Lower	Upper
142	100		
127	54.0	23.2	69.6
141	13.4	7.4	22.2

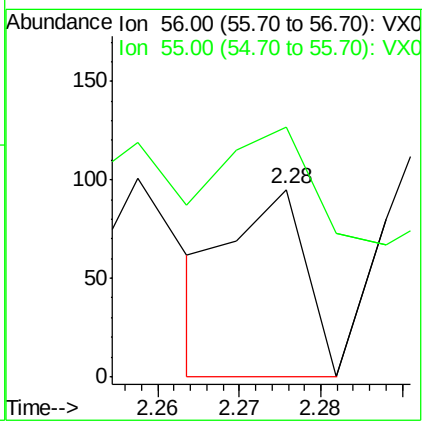


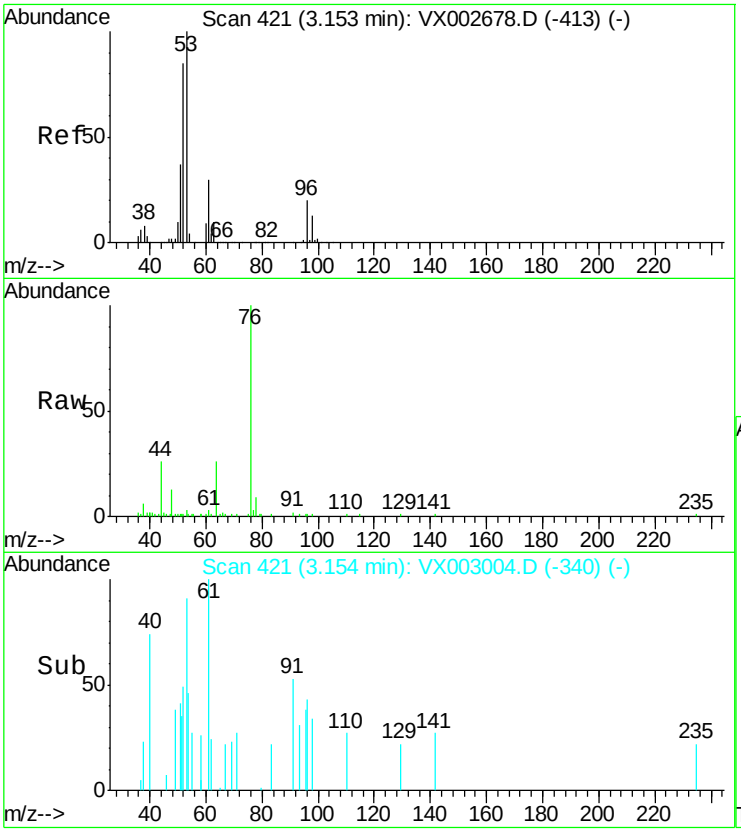


#13
Acrolein
Concen: 0.21 ug/l
RT: 2.28 min Scan# 277
Delta R.T. -0.02 min
Lab File: VX003004.D
Acq: 28 Jun 2018 23:38

Tgt Ion: 56 Resp: 60

Ion	Ratio	Lower	Upper
56	100		
55	70.0	57.3	85.9



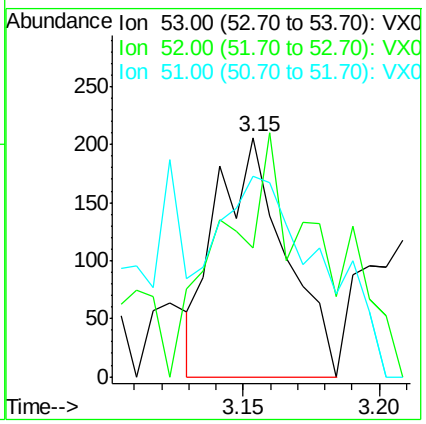


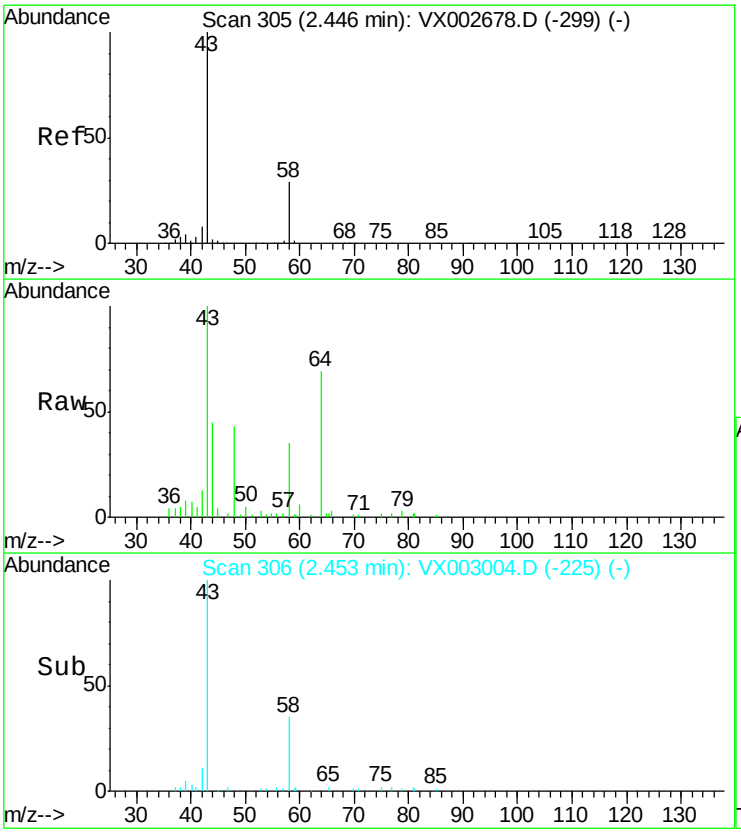
#14
Acrylonitrile
Concen: 0.24 ug/l
RT: 3.15 min Scan# 421
Delta R.T. -0.01 min
Lab File: VX003004.D
Acq: 28 Jun 2018 23:38

Instrument :
MSVOA_X
ClientSampleId :
BEL-01

Tgt Ion: 53 Resp: 363

Ion	Ratio	Lower	Upper
53	100		
52	18.2	41.5	124.6#
51	128.9	17.9	53.8#

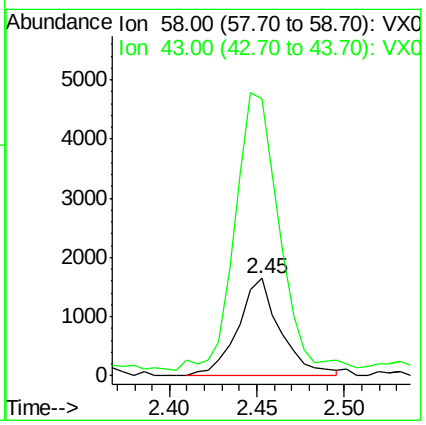


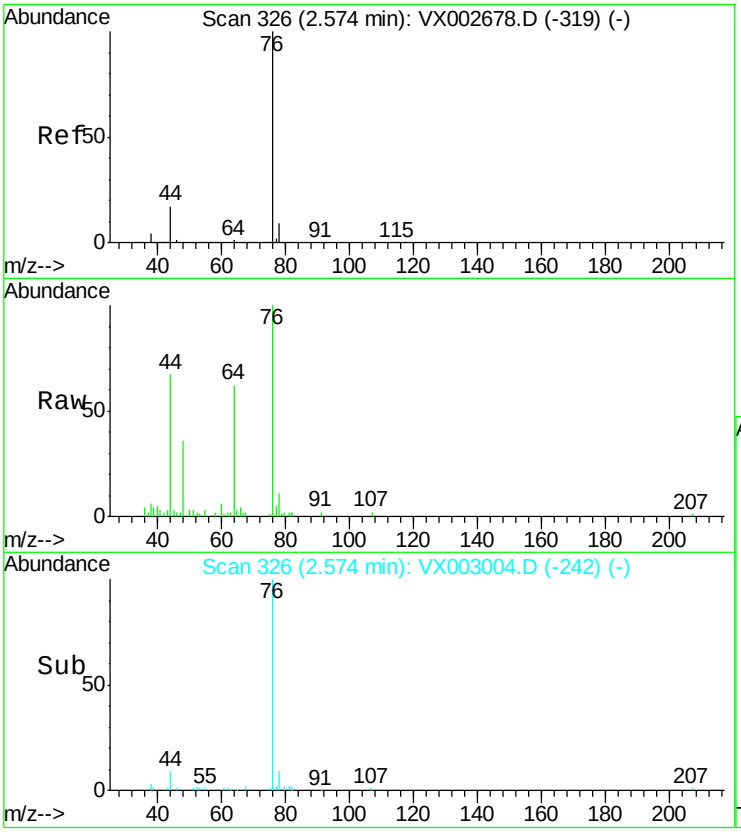


#15
Acetone
Concen: 6.60 ug/l
RT: 2.45 min Scan# 306
Delta R.T. -0.01 min
Lab File: VX003004.D
Acq: 28 Jun 2018 23:38

Tgt Ion: 58 Resp: 2798

Ion	Ratio	Lower	Upper
58	100		
43	267.7	278.8	418.2#



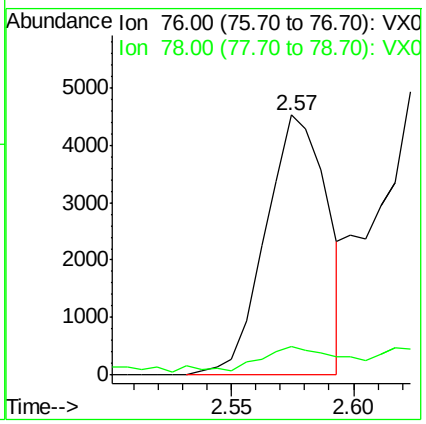


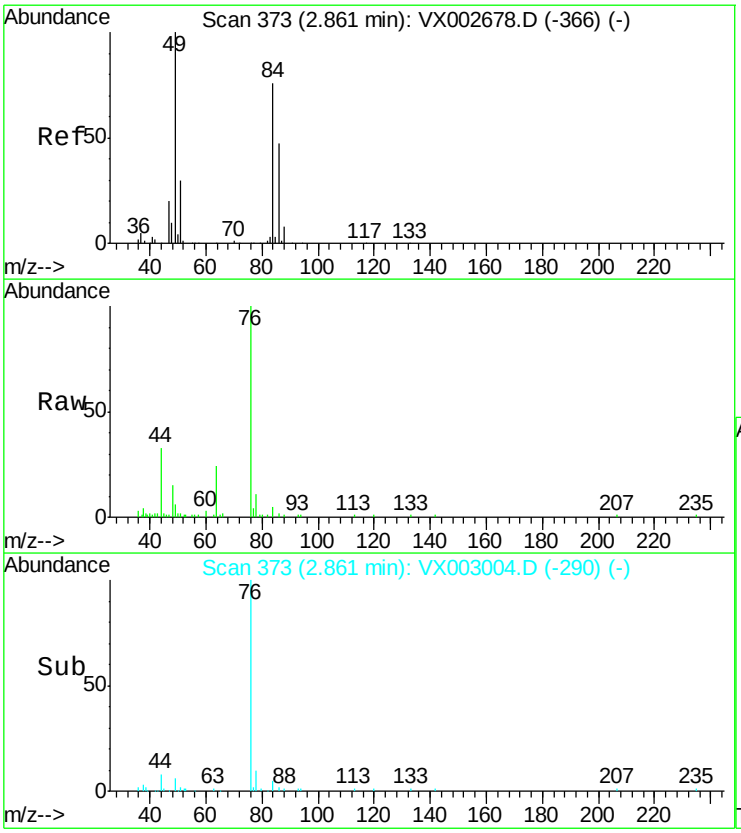
#16
Carbon Disulfide
Concen: 1.27 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.01 min
Lab File: VX003004.D
Acq: 28 Jun 2018 23:38

Instrument :
MSVOA_X
ClientSampleId :
BEL-01

Tgt Ion: 76 Resp: 7960

Ion	Ratio	Lower	Upper
76	100		
78	7.4	7.4	11.0

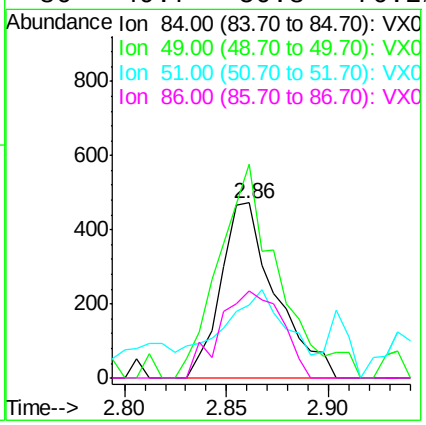


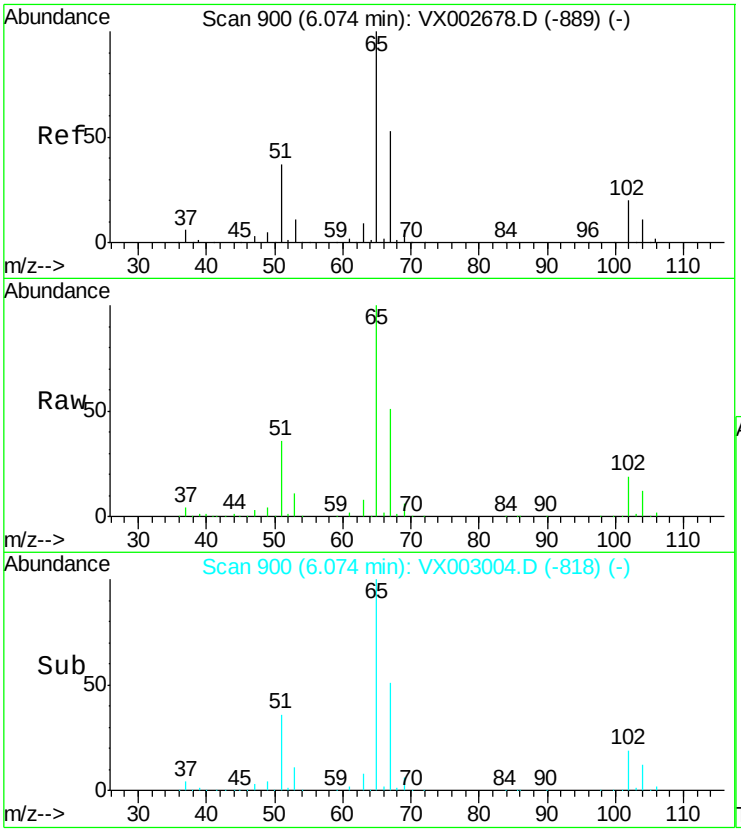


#18
Methylene Chloride
Concen: 0.31 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX003004.D
Acq: 28 Jun 2018 23:38

Tgt Ion: 84 Resp: 876

Ion	Ratio	Lower	Upper
84	100		
49	111.0	104.7	157.1
51	23.0	31.0	46.4#
86	49.7	50.8	76.2#



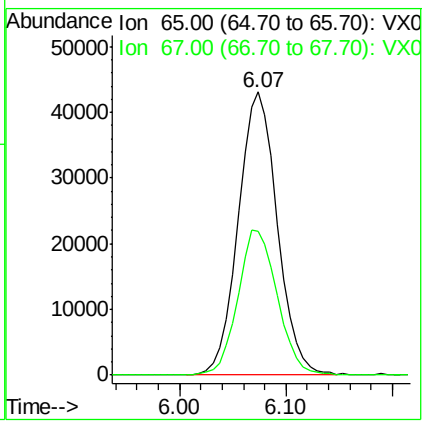


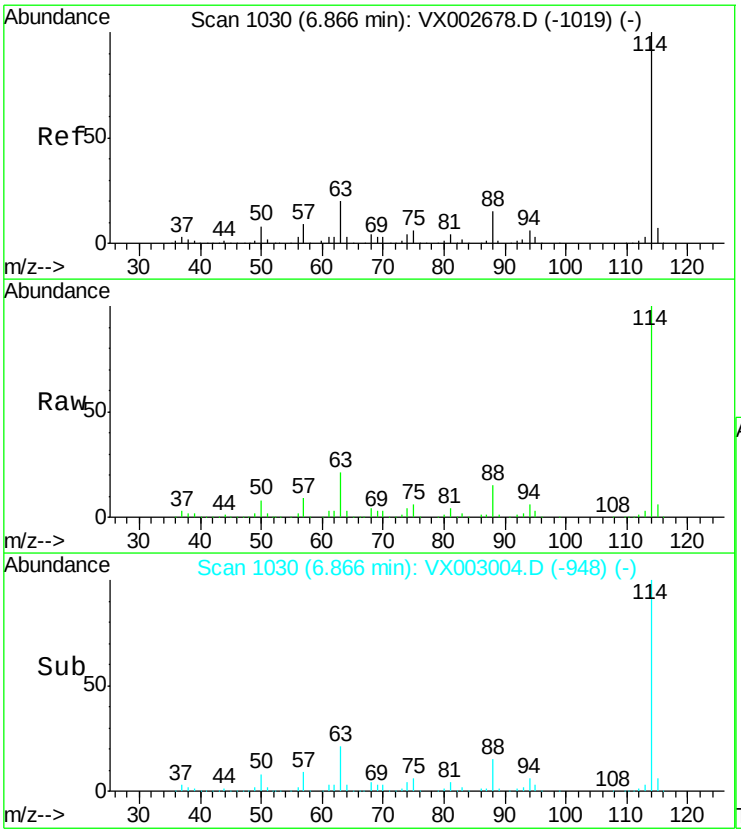
#27
1,2-Dichloroethane-d4
Concen: 30.06 ug/l
RT: 6.07 min Scan# 900
Delta R.T. -0.00 min
Lab File: VX003004.D
Acq: 28 Jun 2018 23:38

Instrument :
MSVOA_X
ClientSampleId :
BEL-01

Tgt Ion: 65 Resp: 110955

Ion	Ratio	Lower	Upper
65	100		
67	51.8	40.9	61.3

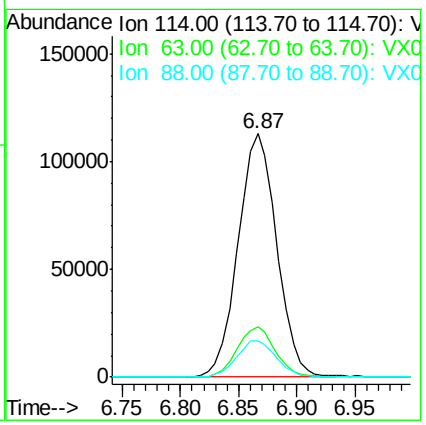


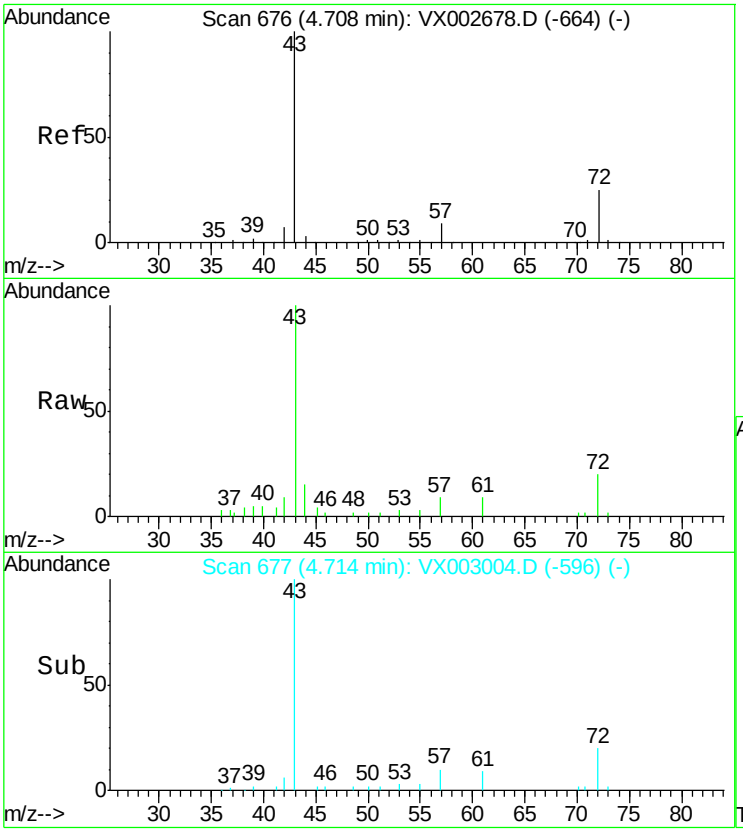


#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VX003004.D
Acq: 28 Jun 2018 23:38

Tgt Ion:114 Resp: 260381

Ion	Ratio	Lower	Upper
114	100		
63	20.5	17.1	25.7
88	15.3	12.6	19.0



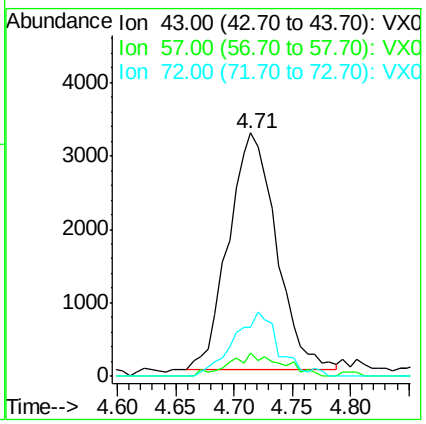


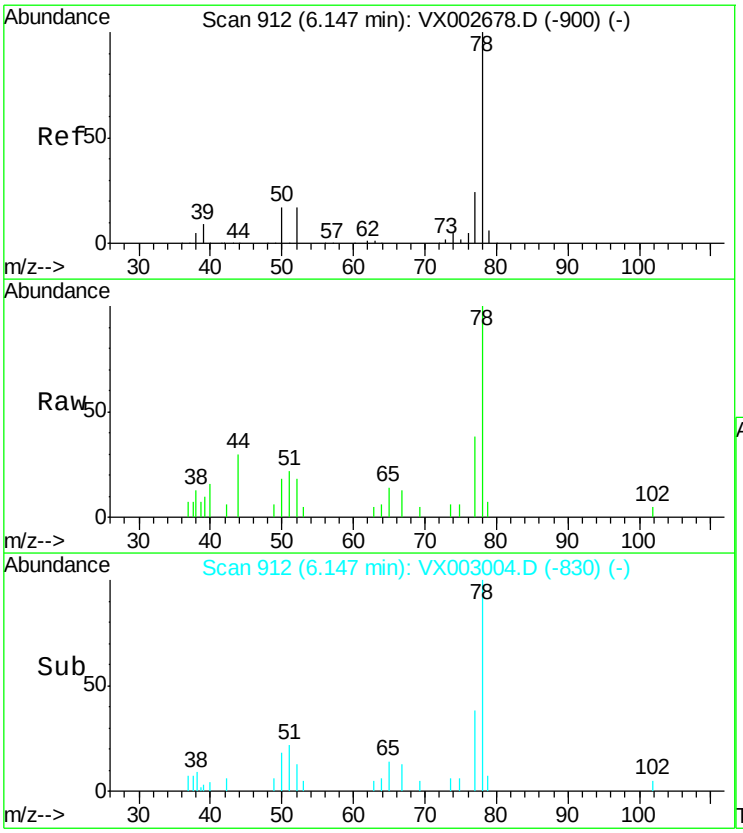
#30
2-Butanone
Concen: 4.59 ug/l
RT: 4.71 min Scan# 677
Delta R.T. -0.01 min
Lab File: VX003004.D
Acq: 28 Jun 2018 23:38

Instrument :
MSVOA_X
ClientSampleId :
BEL-01

Tgt Ion: 43 Resp: 9238

Ion	Ratio	Lower	Upper
43	100		
57	5.1	6.1	9.1#
72	23.2	18.1	27.1

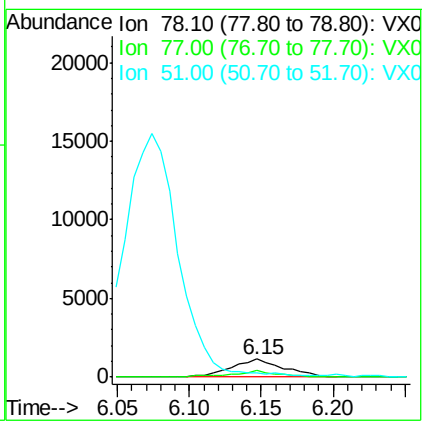


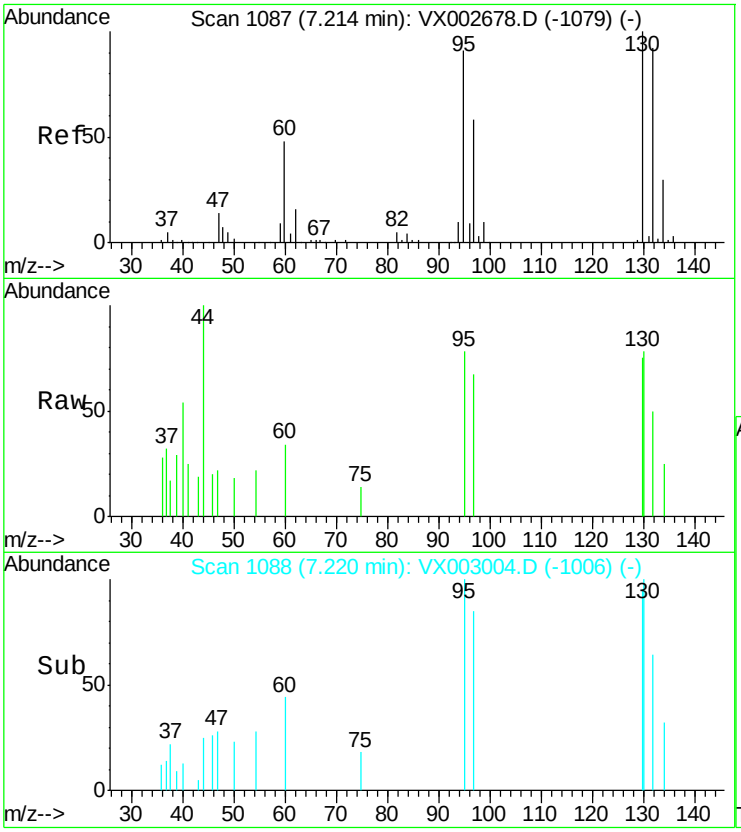


#34
Benzene
Concen: 0.28 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX003004.D
Acq: 28 Jun 2018 23:38

Tgt Ion: 78 Resp: 2931

Ion	Ratio	Lower	Upper
78	100		
77	35.7	19.4	29.0#
51	7.3	13.8	20.6#



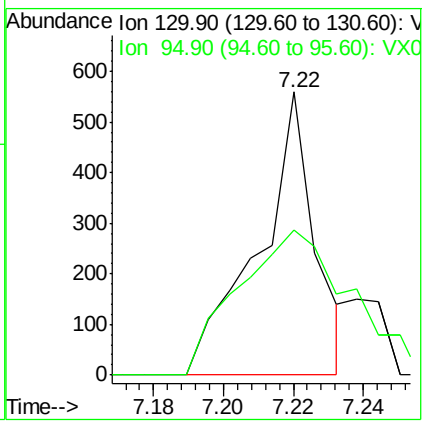


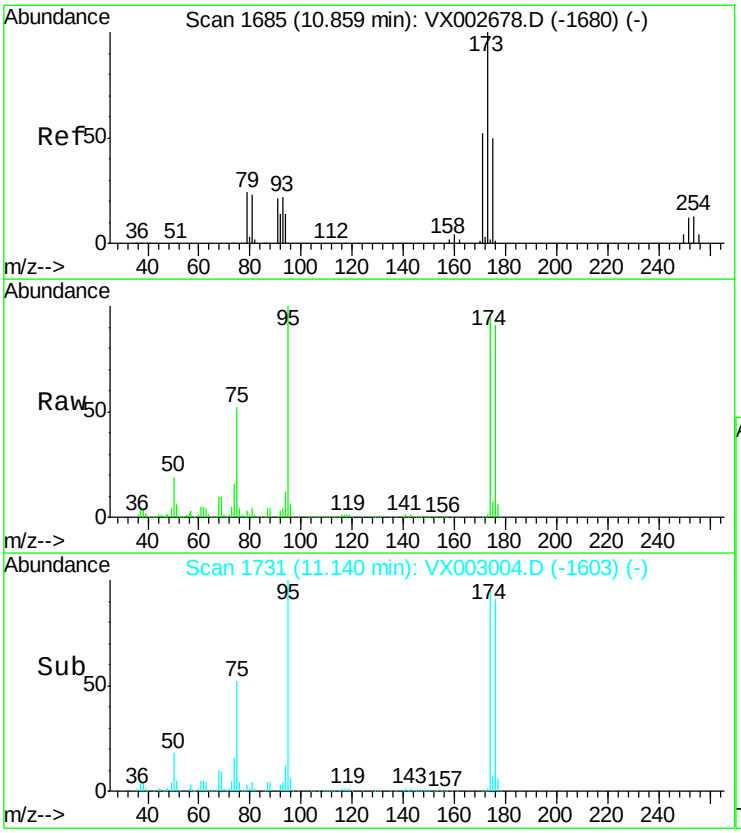
#37
Trichloroethene
Concen: 0.20 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. -0.00 min
Lab File: VX003004.D
Acq: 28 Jun 2018 23:38

Instrument :
MSVOA_X
ClientSampleId :
BEL-01

Tgt Ion:130 Resp: 625

Ion	Ratio	Lower	Upper
130	100		
95	51.2	81.5	122.3#

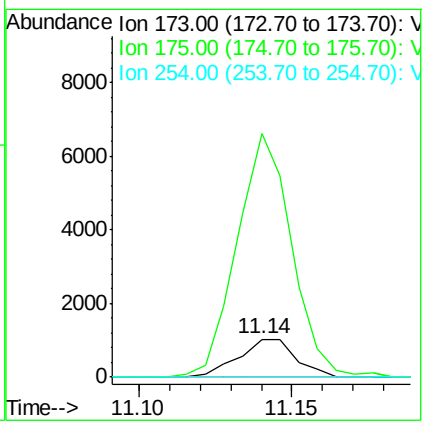


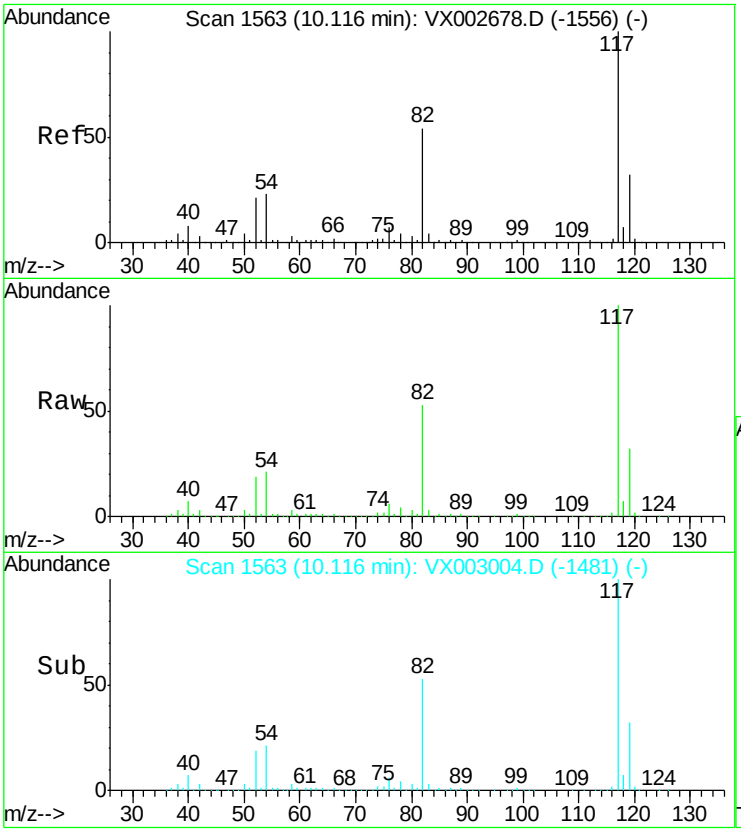


#56
Bromoform
Concen: 0.57 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.28 min
Lab File: VX003004.D
Acq: 28 Jun 2018 23:38

Tgt Ion:173 Resp: 1336

Ion	Ratio	Lower	Upper
173	100		
175	612.2	39.0	58.4#
254	0.0	9.6	14.4#



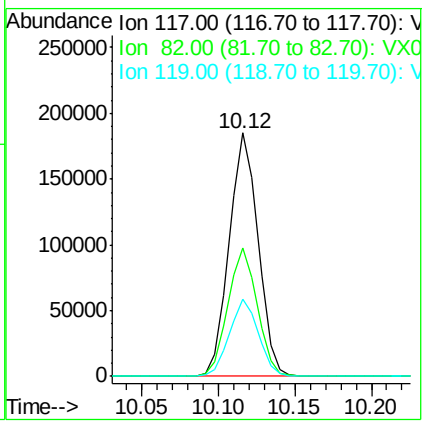


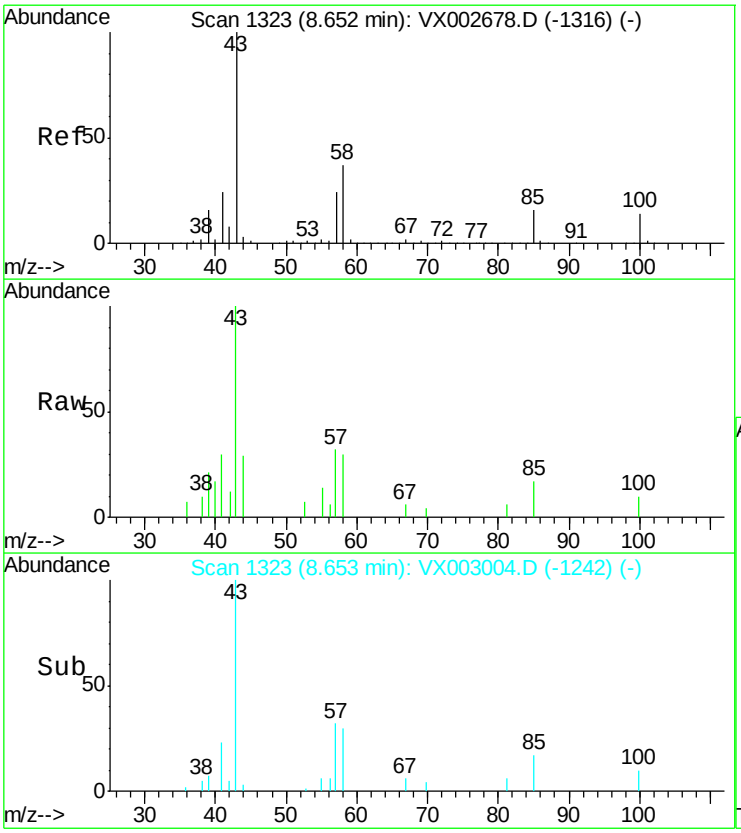
#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003004.D
Acq: 28 Jun 2018 23:38

Instrument :
MSVOA_X
ClientSampleId :
BEL-01

Tgt Ion:117 Resp: 242847

Ion	Ratio	Lower	Upper
117	100		
82	53.1	44.3	66.5
119	31.8	25.7	38.5

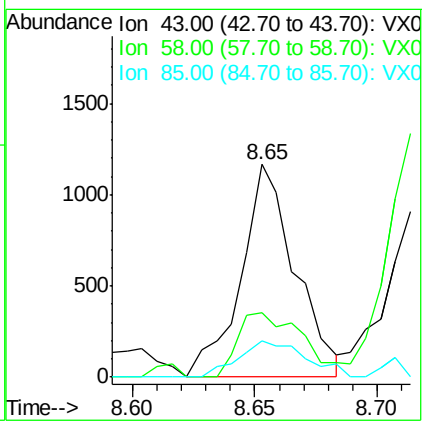


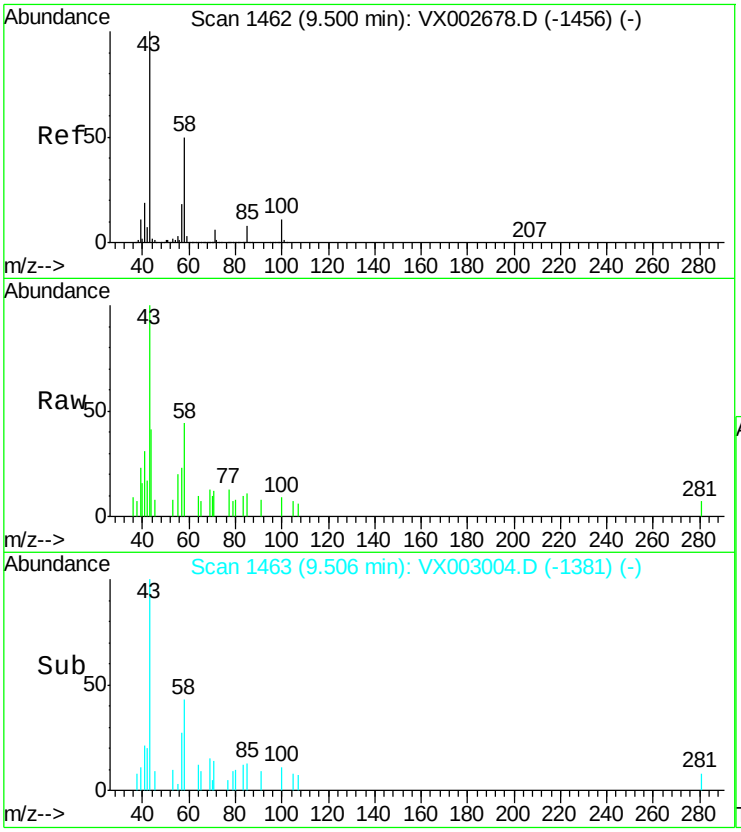


#58
4-Methyl-2-Pentanone
Concen: 0.44 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.01 min
Lab File: VX003004.D
Acq: 28 Jun 2018 23:38

Tgt Ion: 43 Resp: 1802

Ion	Ratio	Lower	Upper
43	100		
58	37.5	28.2	42.4
85	21.3	12.4	18.6#



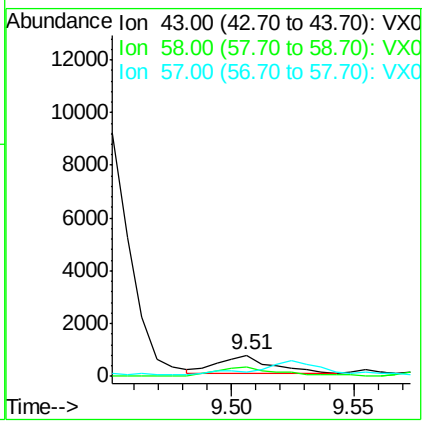


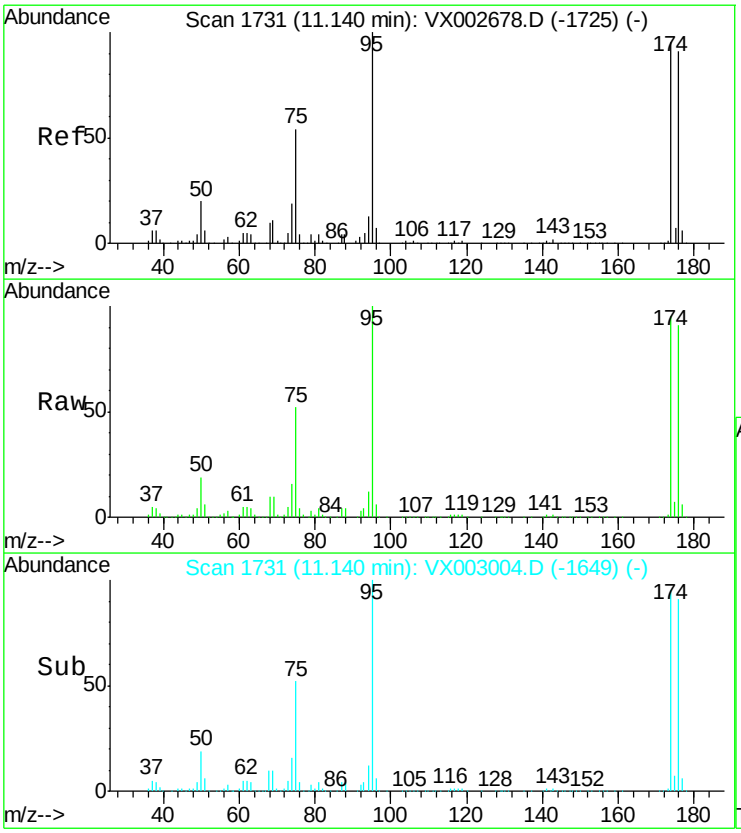
#59
2-Hexanone
Concen: 0.33 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX003004.D
Acq: 28 Jun 2018 23:38

Instrument :
MSVOA_X
ClientSampleId :
BEL-01

Tgt Ion: 43 Resp: 1046

Ion	Ratio	Lower	Upper
43	100		
58	53.4	39.6	59.4
57	17.2	14.1	21.1

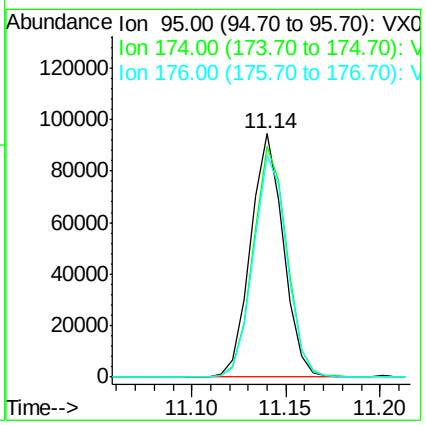


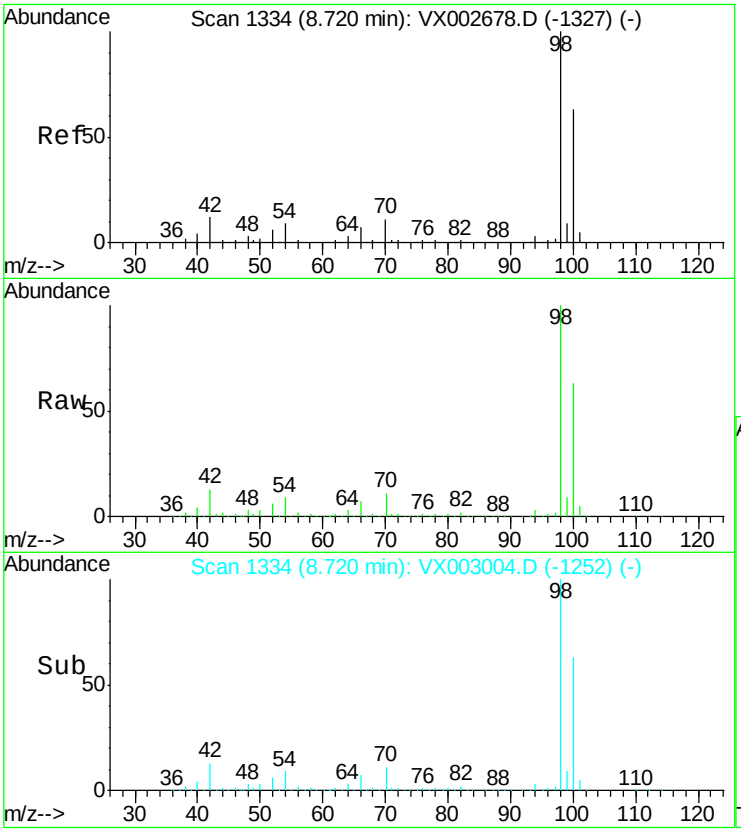


#60
4-Bromofluorobenzene
Concen: 28.40 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX003004.D
Acq: 28 Jun 2018 23:38

Tgt Ion: 95 Resp: 113916

Ion	Ratio	Lower	Upper
95	100		
174	97.2	71.8	107.6
176	93.2	70.1	105.1



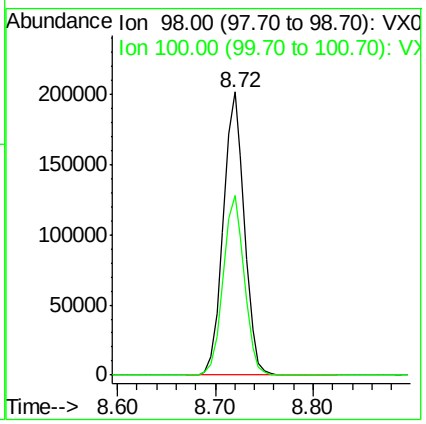


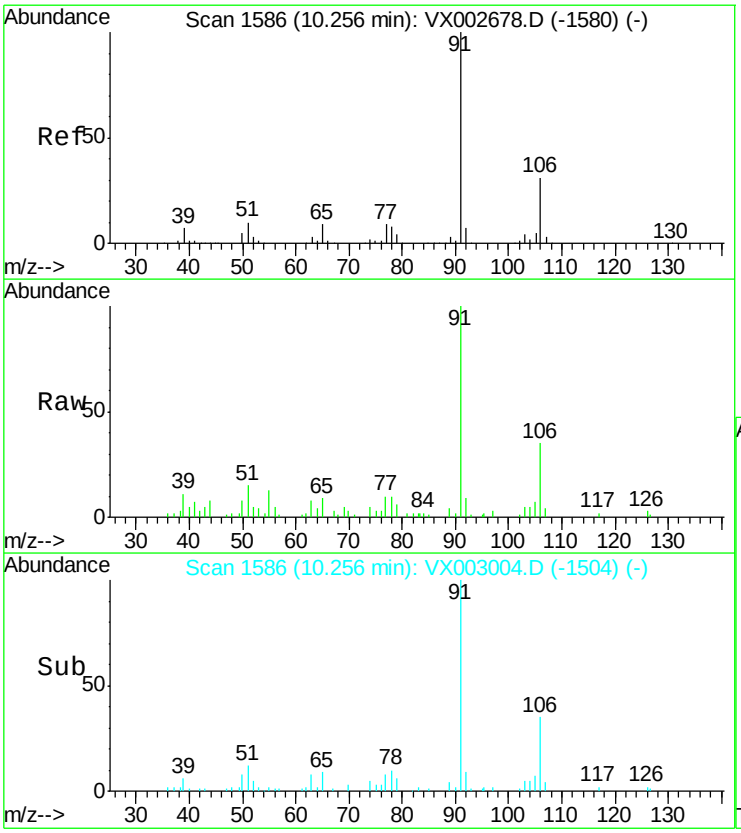
#63
Toluene-d8
Concen: 28.39 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX003004.D
Acq: 28 Jun 2018 23:38

Instrument :
MSVOA_X
ClientSampleId :
BEL-01

Tgt Ion: 98 Resp: 301184

Ion	Ratio	Lower	Upper
98	100		
100	63.3	50.8	76.2

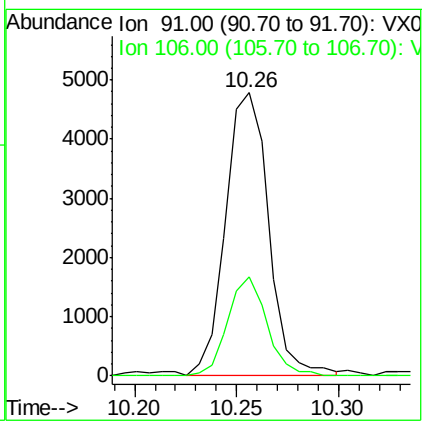


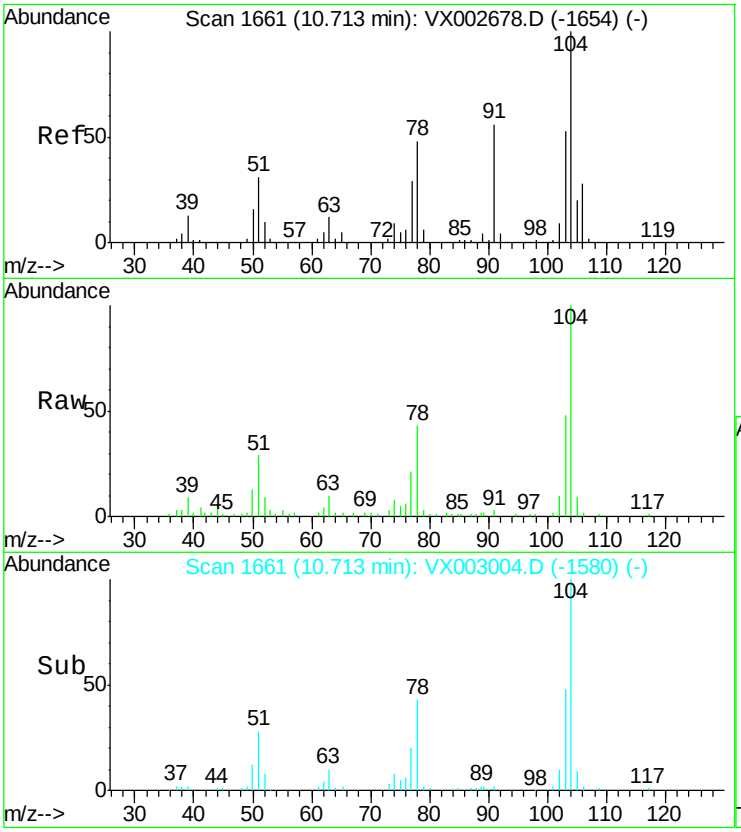


#66
Ethyl Benzene
Concen: 0.53 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX003004.D
Acq: 28 Jun 2018 23:38

Tgt Ion: 91 Resp: 7005

Ion	Ratio	Lower	Upper
91	100		
106	35.2	25.2	37.8



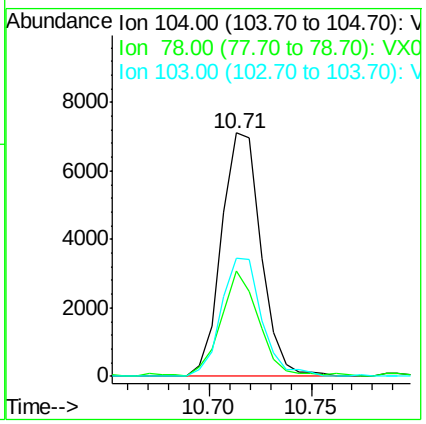


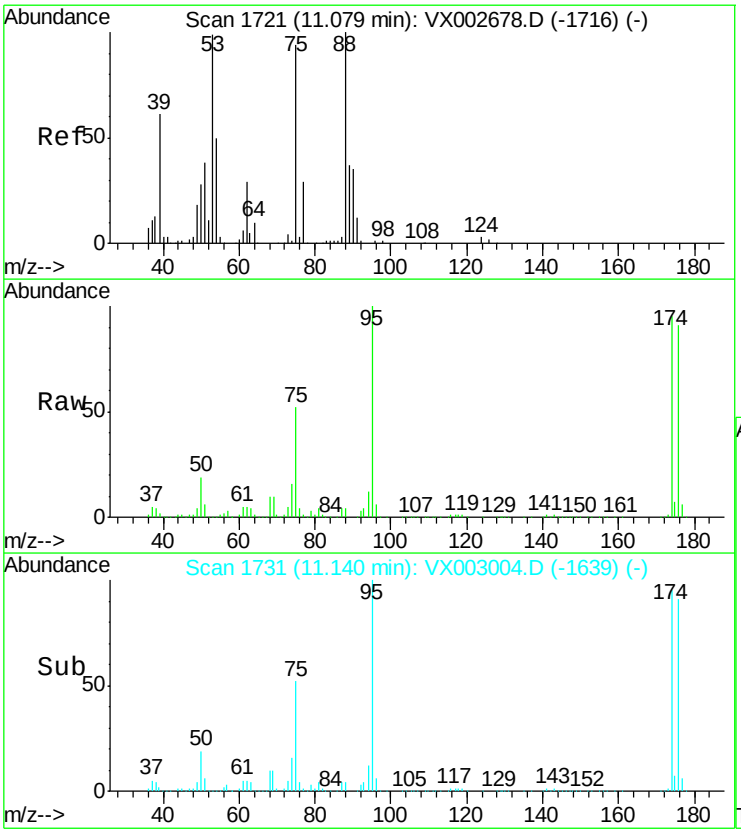
#69
Stvrene
Concen: 1.14 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.01 min
Lab File: VX003004.D
Acq: 28 Jun 2018 23:38

Instrument :
MSVOA_X
ClientSampleId :
BEL-01

Tgt Ion:104 Resp: 9532

Ion	Ratio	Lower	Upper
104	100		
78	41.4	41.8	62.8#
103	49.5	44.9	67.3





#77
t-1,4-Dichloro-2-butene
Concen: 52.00 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX003004.D
Acq: 28 Jun 2018 23:38

Tgt Ion: 75 Resp: 59649

Ion	Ratio	Lower	Upper
75	100		
53	0.0	48.3	144.9#
89	0.0	21.8	65.4#