Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061518\

Quantitation Report (QT/LSC Reviewed)

Data File : VV006284.D
Acq On : 15 Jun 2018 16:02
Operator : SY/MD
Sample : J3397-05 2000X
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BEXT4

Quant Time: Jun 16 00:38:48 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053118WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 15 23:47:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	300060	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	271061	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	123355	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	87981	5.37	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 107.40%			
7) Chloroethane-d5	1.58	69	72825	5.55	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 111.00%			
11) 1,1-Dichloroethene-d2	2.13	63	125428	3.94	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 78.80%			
20) 2-Butanone-d5	3.97	46	195487	56.18	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 112.36%			
24) Chloroform-d	4.41	84	155491	4.90	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.00%			
26) 1,2-Dichloroethane-d4	5.09	65	80593	5.25	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.00%			
32) Benzene-d6	5.11	84	339520	5.21	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.20%			
36) 1,2-Dichloropropane-d6	6.12	67	98929	5.05	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 101.00%			
41) Toluene-d8	7.37	98	323670	5.21	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.20%			
43) trans-1,3-Dichloropropene-	7.67	79	36477	4.16	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 83.20%			
46) 2-Hexanone-d5	8.14	63	168710	44.59	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 89.18%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	65245	4.60	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 92.00%			
64) 1,2-Dichlorobenzene-d4	11.68	152	117474	5.49	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 109.80%			
Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	63441	2.741	ug/L	100
13) Acetone	2.22	43	20124	10.672	ug/L	90
19) 1,1-Dichloroethane	3.23	63	11095	0.351	ug/L	98
21) 2-Butanone	4.06	43	6942	2.024	ug/L	80
22) cis-1,2-Dichloroethene	3.97	96	410709	20.203	ug/L #	98
33) Benzene	5.15	78	3100736	41.491	ug/L	100
42) Toluene	7.44	91	4587173	55.608	ug/L	98
51) Chlorobenzene	8.93	112	836087	15.787	ug/L	99
52) Ethylbenzene	9.06	91	113949	1.240	ug/L	99
53) m,p-xylene	9.18	106	161146	4.495	ug/L	97
54) o-xylene	9.59	106	43814	1.250	ug/L	97
63) 1,4-Dichlorobenzene	11.32	146	7856	0.204	ug/L	95

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061518\

Quantitation Report (QT/LSC Reviewed)

Data File : VV006284.D
Acq On : 15 Jun 2018 16:02
Operator : SY/MD
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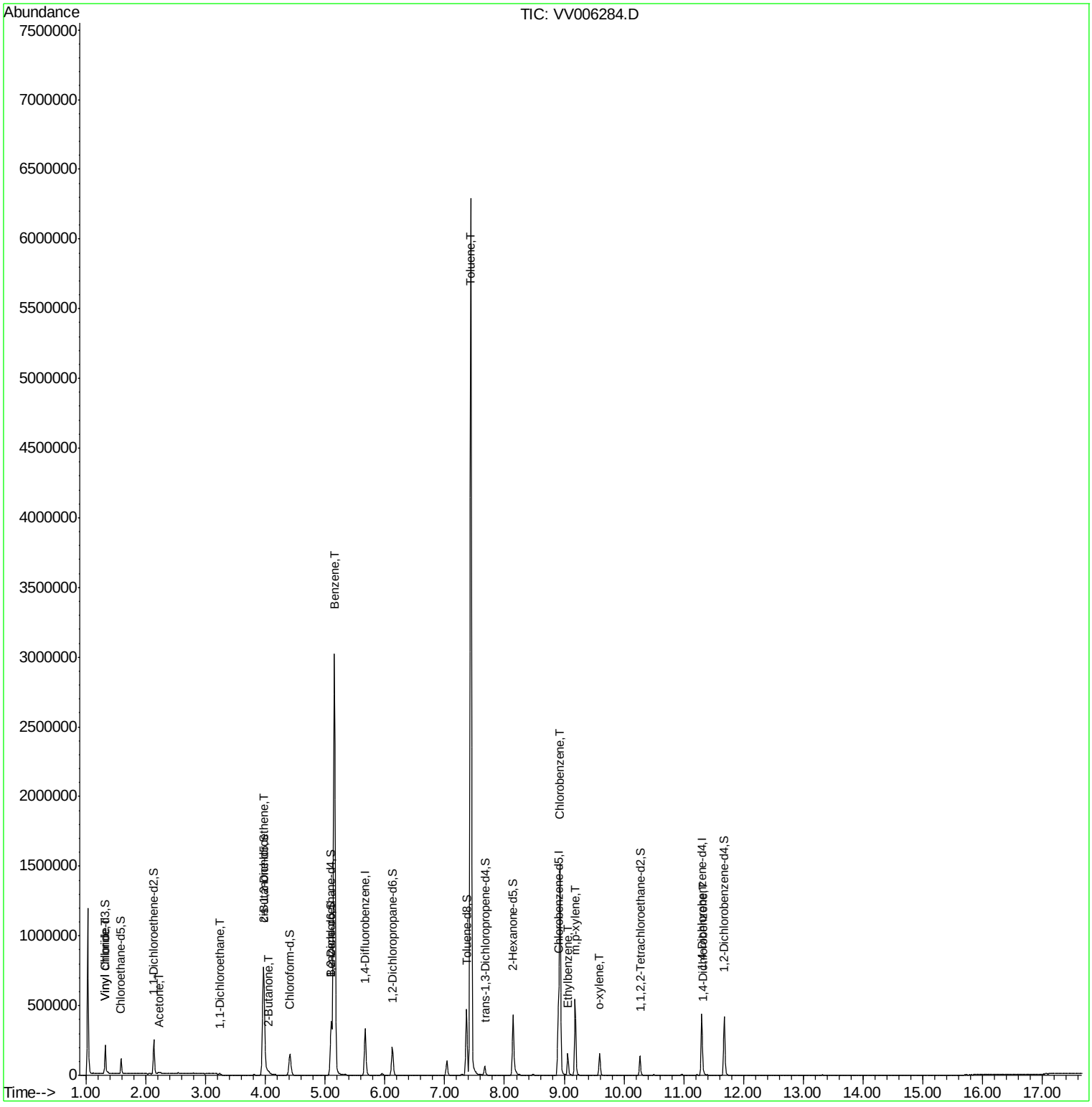
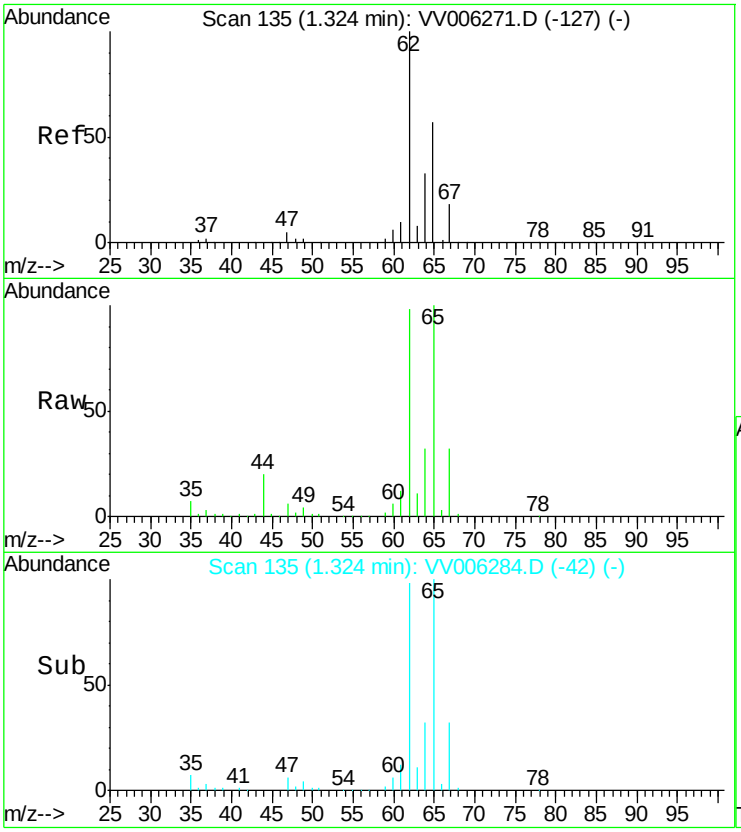
Instrument : MSVOA_V
ClientSampleId : BEXT4

Quant Time: Jun 16 00:38:48 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053118WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 15 23:47:49 2018
Response via : Initial Calibration



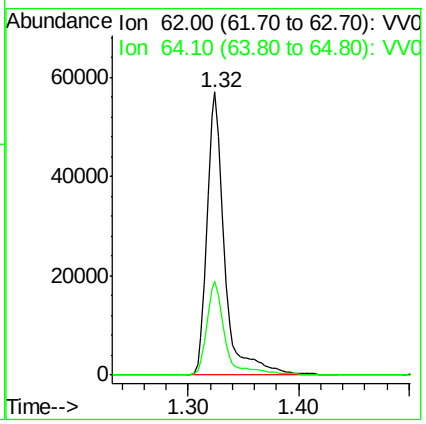


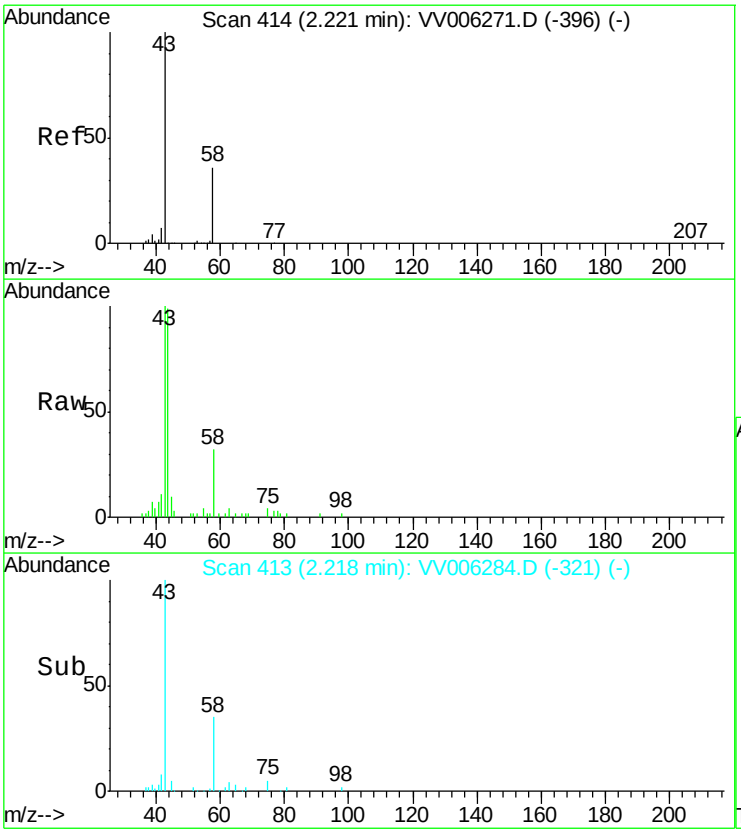
#5
Vinyl chloride
Concen: 2.741 ug/L
RT: 1.32 min Scan# 135
Delta R.T. 0.00 min
Lab File: VV006284.D
Acq: 15 Jun 2018 16:02

Instrument :
MSVOA_V
ClientSampleId :
BEXT4

Tgt Ion: 62 Resp: 63441

Ion	Ratio	Lower	Upper
62	100		
64	33.0	23.1	42.9

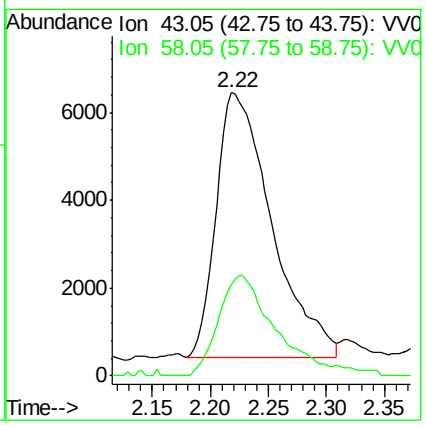


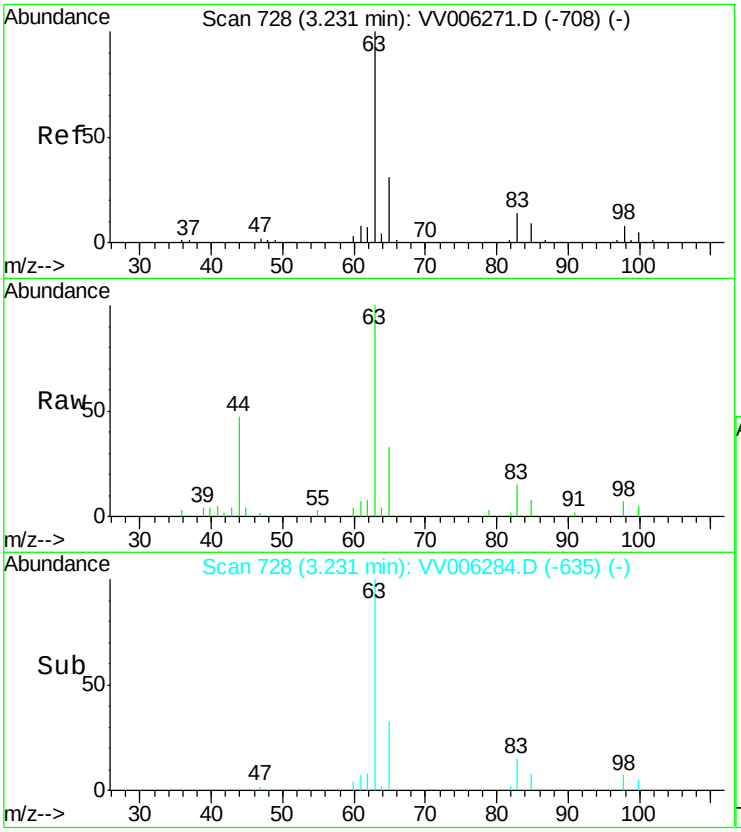


#13
Acetone
Concen: 10.672 ug/L
RT: 2.22 min Scan# 413
Delta R.T. -0.00 min
Lab File: VV006284.D
Acq: 15 Jun 2018 16:02

Tgt Ion: 43 Resp: 20124

Ion	Ratio	Lower	Upper
43	100		
58	39.4	0.0	67.4



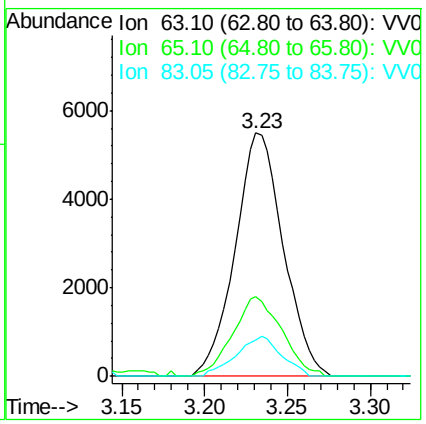


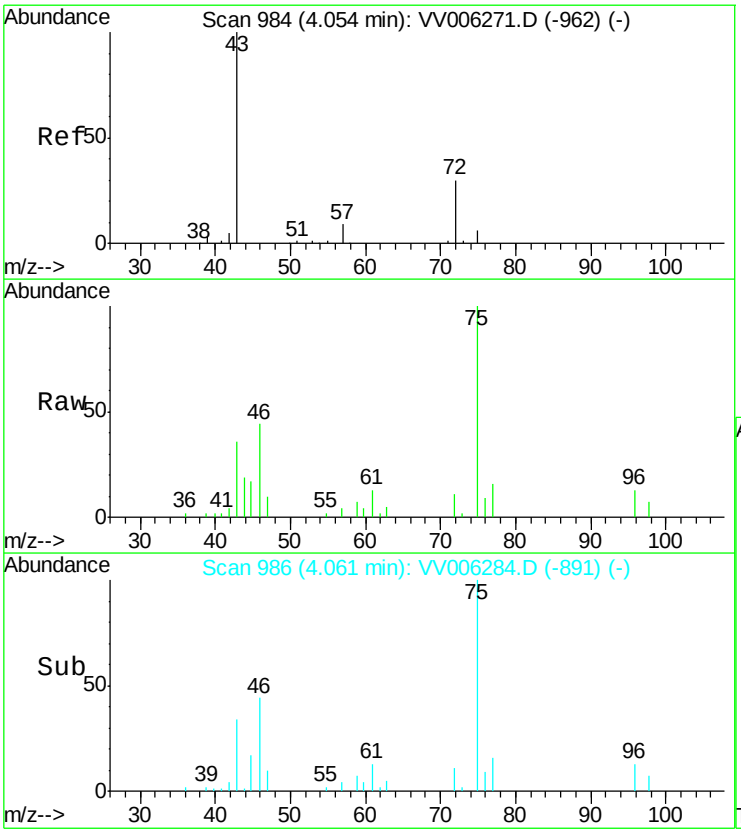
#19
1,1-Dichloroethane
Concen: 0.351 ug/L
RT: 3.23 min Scan# 728
Delta R.T. 0.00 min
Lab File: VV006284.D
Acq: 15 Jun 2018 16:02

Instrument : MSVOA_V
ClientSampleId : BEXT4

Tgt Ion: 63 Resp: 11095

Ion	Ratio	Lower	Upper
63	100		
65	32.6	22.3	41.3
83	15.1	10.0	18.6

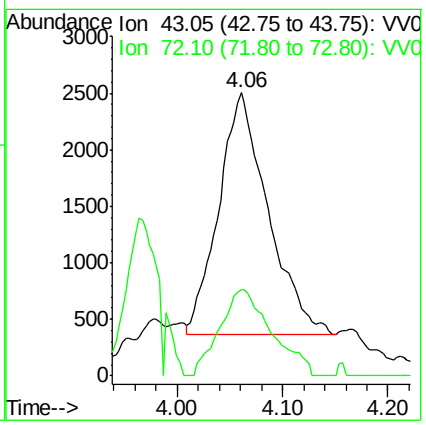


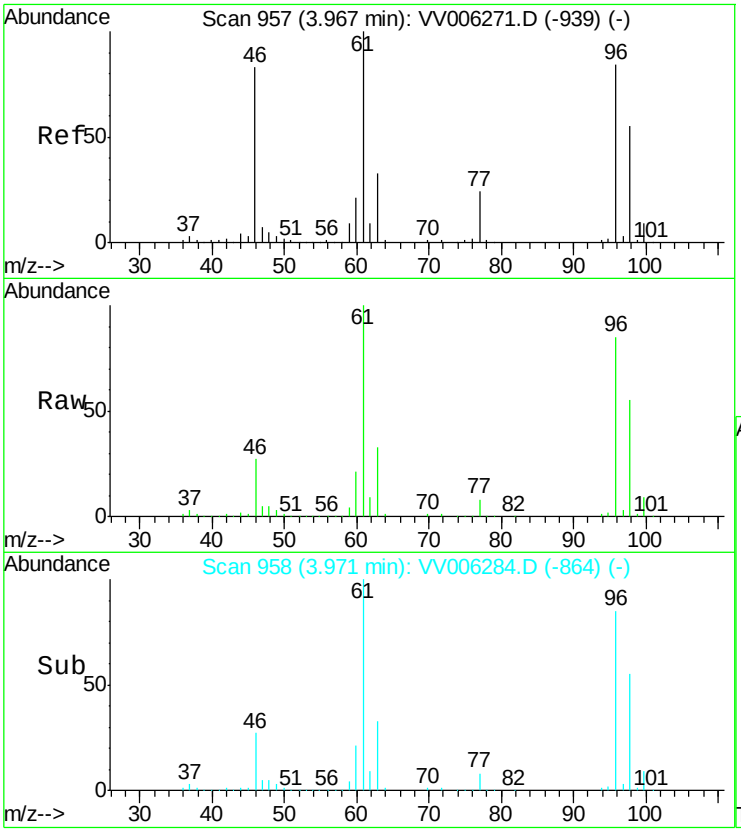


#21
2-Butanone
Concen: 2.024 ug/L
RT: 4.06 min Scan# 986
Delta R.T. 0.01 min
Lab File: VV006284.D
Acq: 15 Jun 2018 16:02

Tgt Ion: 43 Resp: 6942

Ion	Ratio	Lower	Upper
43	100		
72	37.7	13.8	41.3



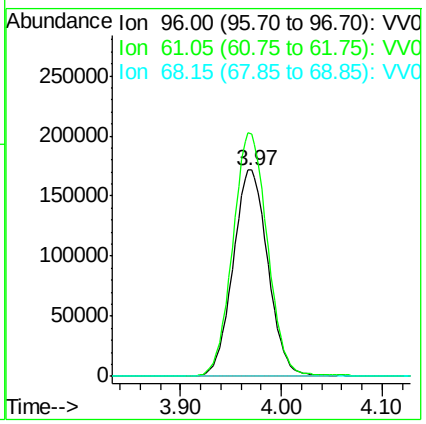


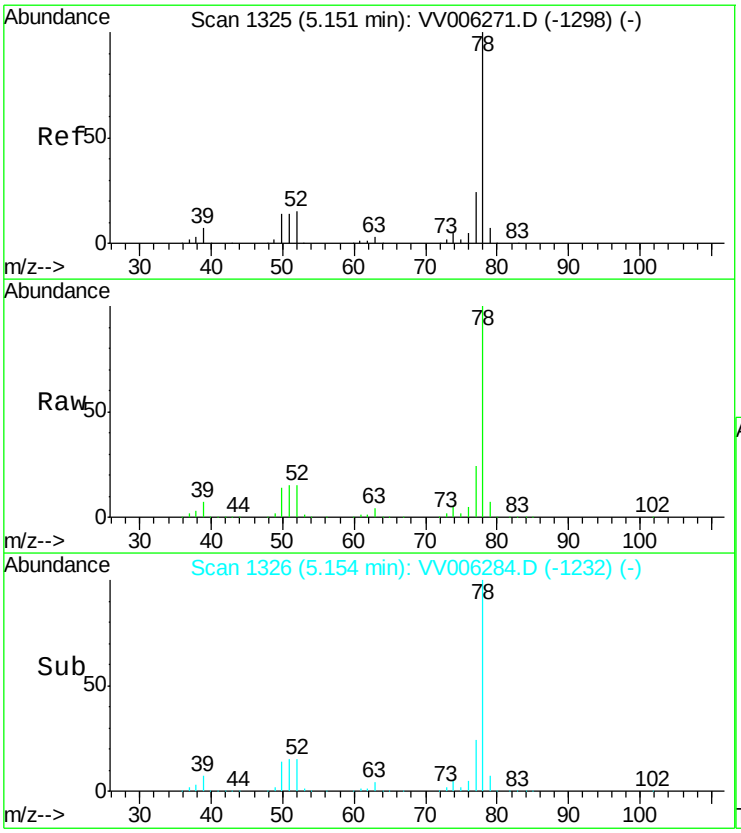
#22
cis-1,2-Dichloroethene
Concen: 20.203 ug/L
RT: 3.97 min Scan# 958
Delta R.T. 0.00 min
Lab File: VV006284.D
Acq: 15 Jun 2018 16:02

Instrument :
MSVOA_V
ClientSampleId :
BEXT4

Tgt Ion: 96 Resp: 410709

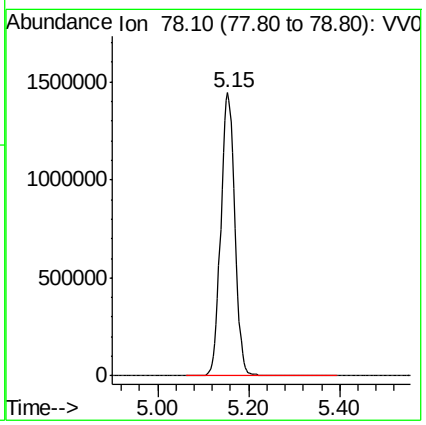
Ion	Ratio	Lower	Upper
96	100		
61	117.8	84.1	156.3
68	0.0	0.3	0.5#

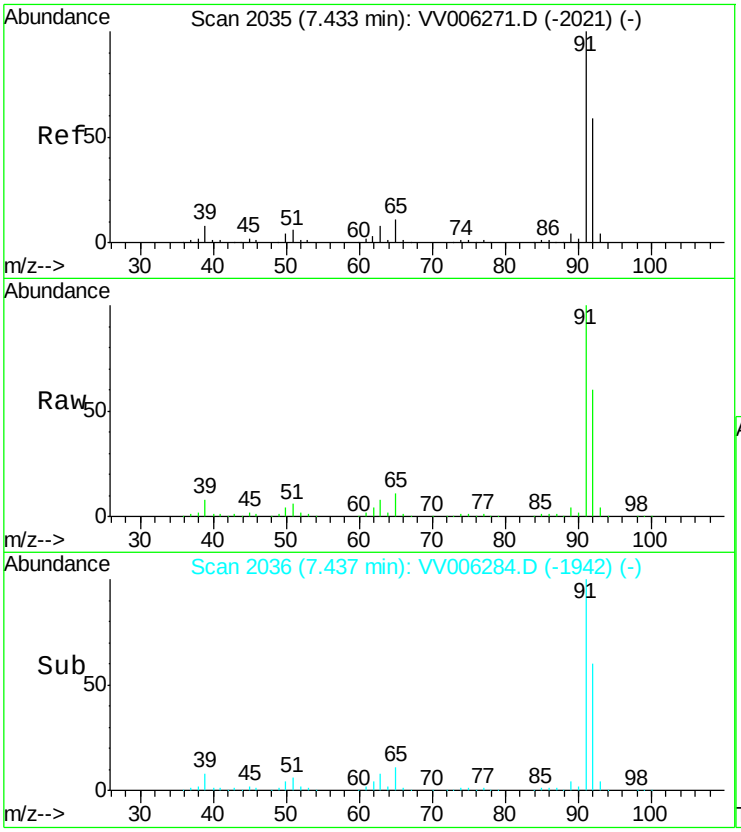




#33
Benzene
Concen: 41.491 ug/L
RT: 5.15 min Scan# 1326
Delta R.T. 0.00 min
Lab File: VV006284.D
Acq: 15 Jun 2018 16:02

Tgt Ion: 78 Resp: 3100736



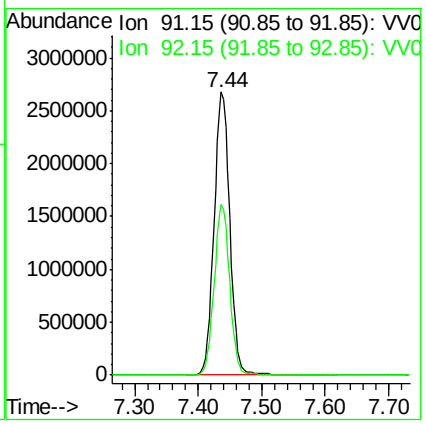


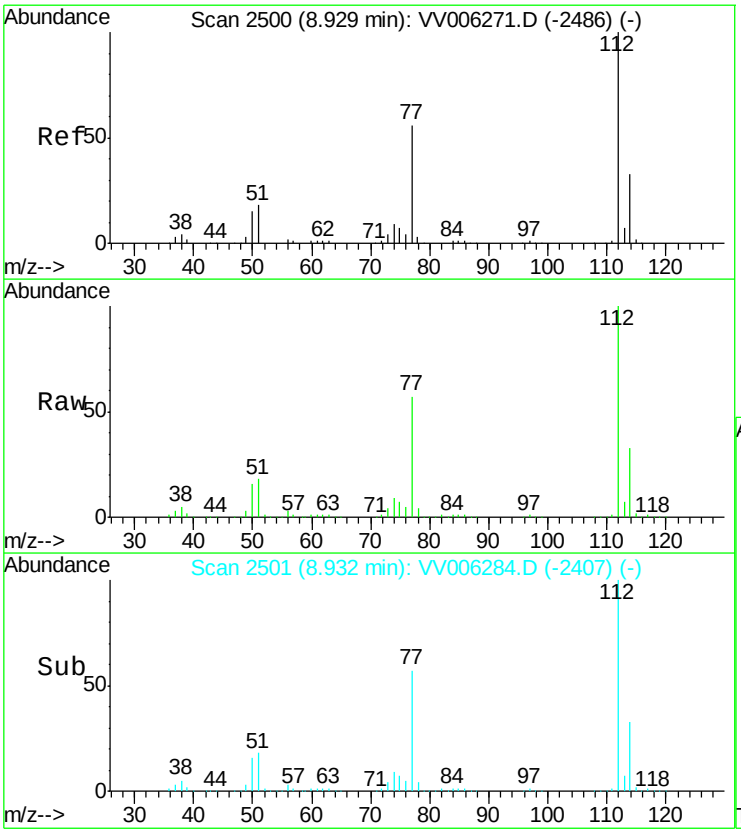
#42
Toluene
Concen: 55.608 ug/L
RT: 7.44 min Scan# 2036
Delta R.T. 0.00 min
Lab File: VV006284.D
Acq: 15 Jun 2018 16:02

Instrument : MSVOA_V
ClientSampleId : BEXT4

Tgt Ion: 91 Resp: 4587173

Ion	Ratio	Lower	Upper
91	100		
92	60.3	41.1	76.3

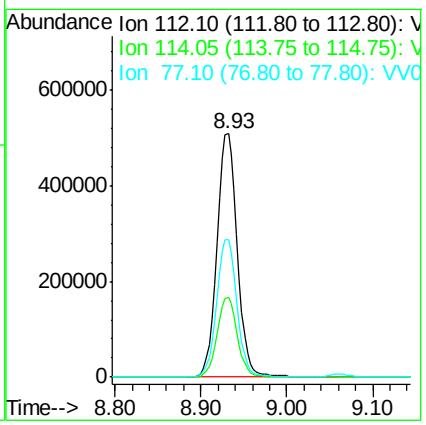


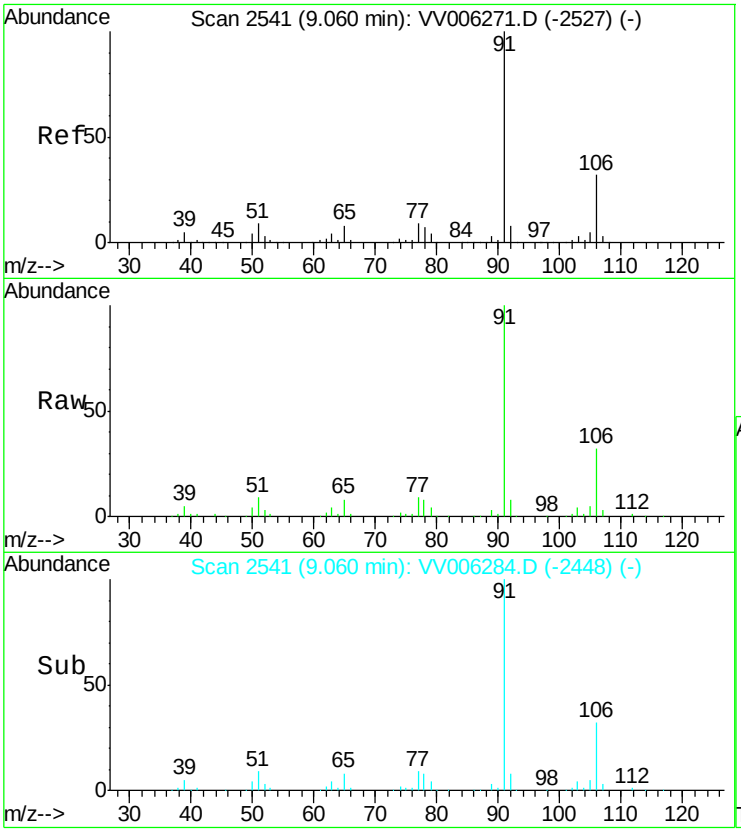


#51
Chlorobenzene
Concen: 15.787 ug/L
RT: 8.93 min Scan# 2501
Delta R.T. 0.00 min
Lab File: VV006284.D
Acq: 15 Jun 2018 16:02

Tgt Ion:112 Resp: 836087

Ion	Ratio	Lower	Upper
112	100		
114	32.7	22.2	41.2
77	56.5	45.2	67.8



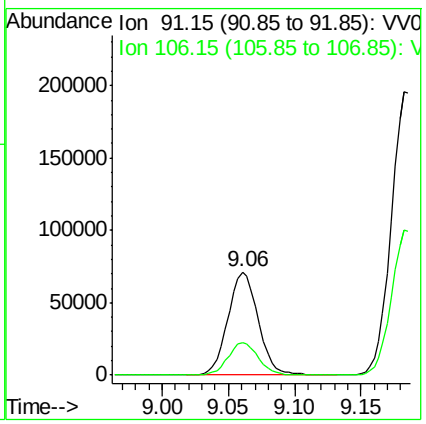


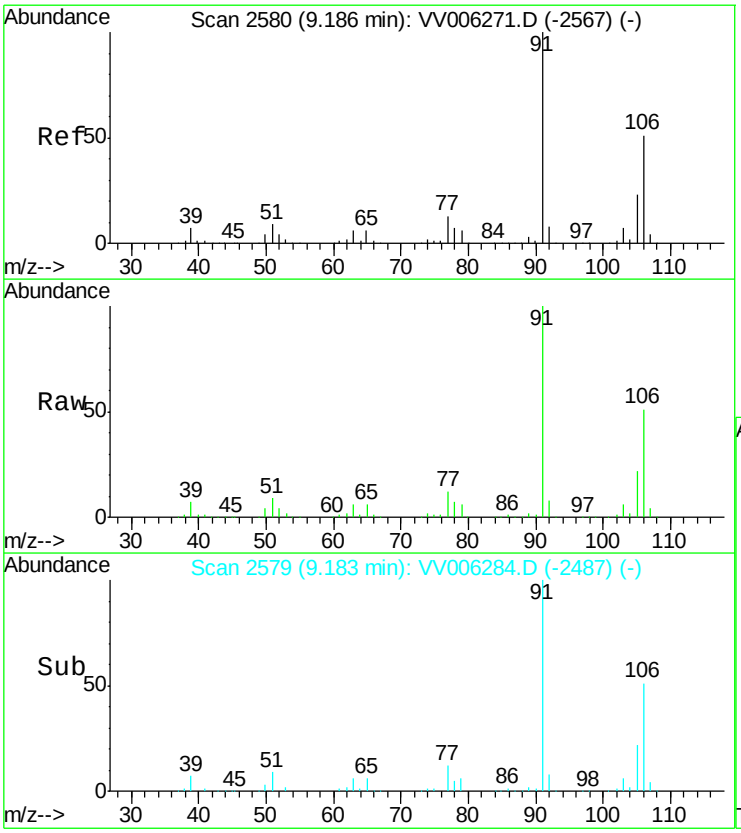
#52
Ethylbenzene
Concen: 1.240 ug/L
RT: 9.06 min Scan# 2541
Delta R.T. 0.00 min
Lab File: VV006284.D
Acq: 15 Jun 2018 16:02

Instrument :
MSVOA_V
ClientSampleId :
BEXT4

Tgt Ion: 91 Resp: 113949

Ion	Ratio	Lower	Upper
91	100		
106	31.7	21.9	40.7

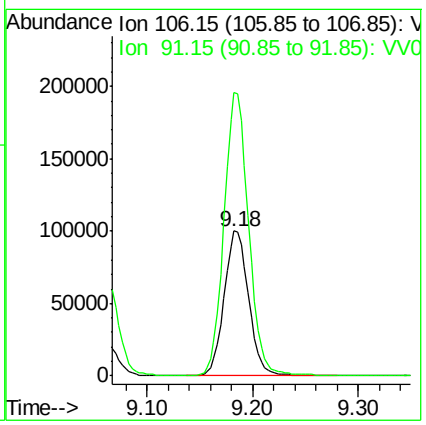


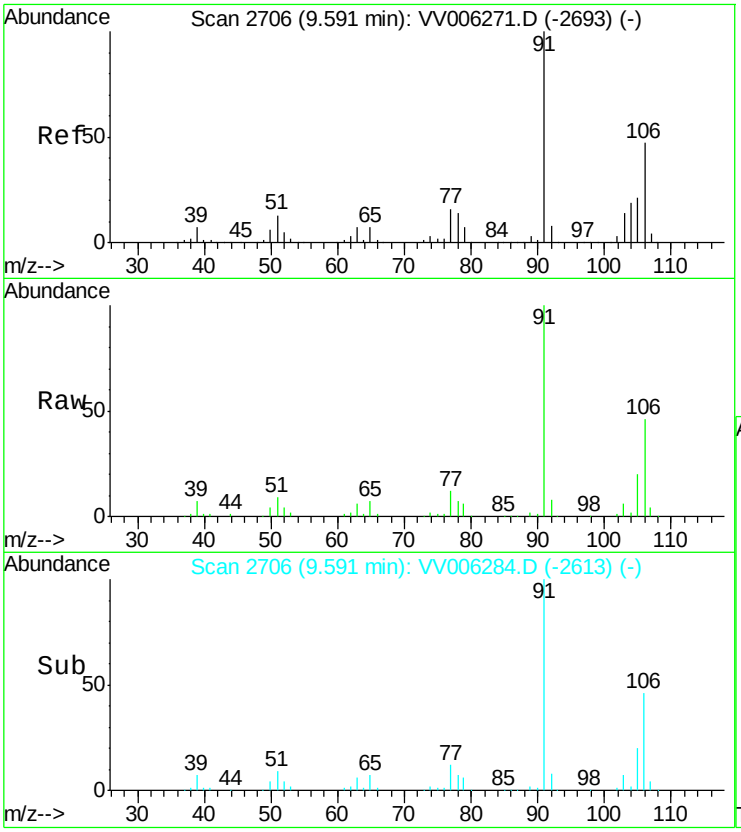


#53
m,p-xylene
Concen: 4.495 ug/L
RT: 9.18 min Scan# 2579
Delta R.T. -0.00 min
Lab File: VV006284.D
Acq: 15 Jun 2018 16:02

Tgt Ion:106 Resp: 161146

Ion	Ratio	Lower	Upper
106	100		
91	195.7	139.7	259.4



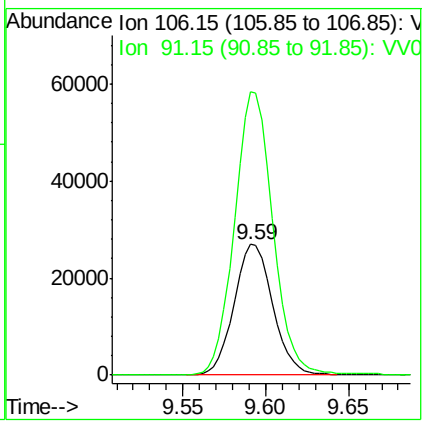


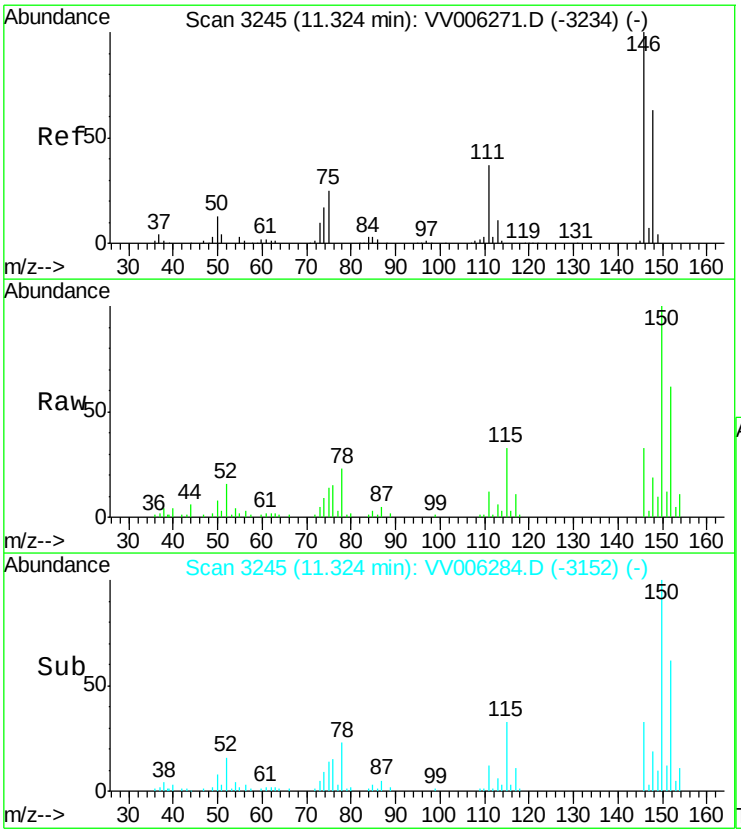
#54
o-xylene
Concen: 1.250 ug/L
RT: 9.59 min Scan# 2706
Delta R.T. 0.00 min
Lab File: VV006284.D
Acq: 15 Jun 2018 16:02

Instrument :
MSVOA_V
ClientSampleId :
BEXT4

Tgt Ion:106 Resp: 43814

Ion	Ratio	Lower	Upper
106	100		
91	216.6	147.9	274.7





#63
1,4-Dichlorobenzene
Concen: 0.204 ug/L
RT: 11.32 min Scan# 3245
Delta R.T. 0.00 min
Lab File: VV006284.D
Acq: 15 Jun 2018 16:02

Tgt Ion:146 Resp: 7856

Ion	Ratio	Lower	Upper
146	100		
111	36.4	26.9	50.1
148	58.9	44.8	83.2