Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV071818\
Data File : VV006640.D
Acq On : 18 Jul 2018 20:48
Operator : SY/MD
Sample : J3983-06
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00566

Quant Time: Jul 19 02:41:12 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 19 02:39:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	253371	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	233607	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	112175	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	94320	3.82	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 76.40%			
7) Chloroethane-d5	1.58	69	79681	4.45	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 89.00%			
11) 1,1-Dichloroethene-d2	2.13	63	127365	3.06	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 61.20%			
20) 2-Butanone-d5	3.96	46	209989	61.91	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 123.82%			
24) Chloroform-d	4.41	84	165784	4.27	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.40%			
26) 1,2-Dichloroethane-d4	5.09	65	79217	4.17	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 83.40%			
32) Benzene-d6	5.10	84	347592	4.31	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.20%			
36) 1,2-Dichloropropane-d6	6.12	67	112469	4.45	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 89.00%			
41) Toluene-d8	7.36	98	306773	4.16	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 83.20%			
43) trans-1,3-Dichloropropene-	7.67	79	37339	4.28	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 85.60%			
46) 2-Hexanone-d5	8.14	63	194750	41.68	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 83.36%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	82520	4.19	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 83.80%			
64) 1,2-Dichlorobenzene-d4	11.68	152	115872	4.35	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 87.00%			
Target Compounds						Qvalue
5) Vinyl chloride	1.15	62	7761	0.255	ug/L	89
8) Chloroethane	1.32	64	51597	3.017	ug/L #	53
13) Acetone	2.20	43	128597	37.982	ug/L	96
14) Carbon disulfide	2.32	76	56796	0.908	ug/L	100
15) Methyl Acetate	2.46	43	420888	40.243	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	48580	2.178	ug/L	98
21) 2-Butanone	4.04	43	16821	2.836	ug/L	96
22) cis-1,2-Dichloroethene	3.96	96	105287	4.499	ug/L	99
34) Trichloroethene	5.96	95	5527	0.255	ug/L	92
35) Methylcyclohexane	6.12	83	26429	0.771	ug/L #	19
37) 1,2-Dichloropropane	6.12	63	11500	0.516	ug/L #	86
40) 4-Methyl-2-pentanone	7.28	43	3654	0.285	ug/L #	74
48) 2-Hexanone	8.19	43	2008	0.219	ug/L #	78

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

Quantitation Report (Not Reviewed)

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Instrument :
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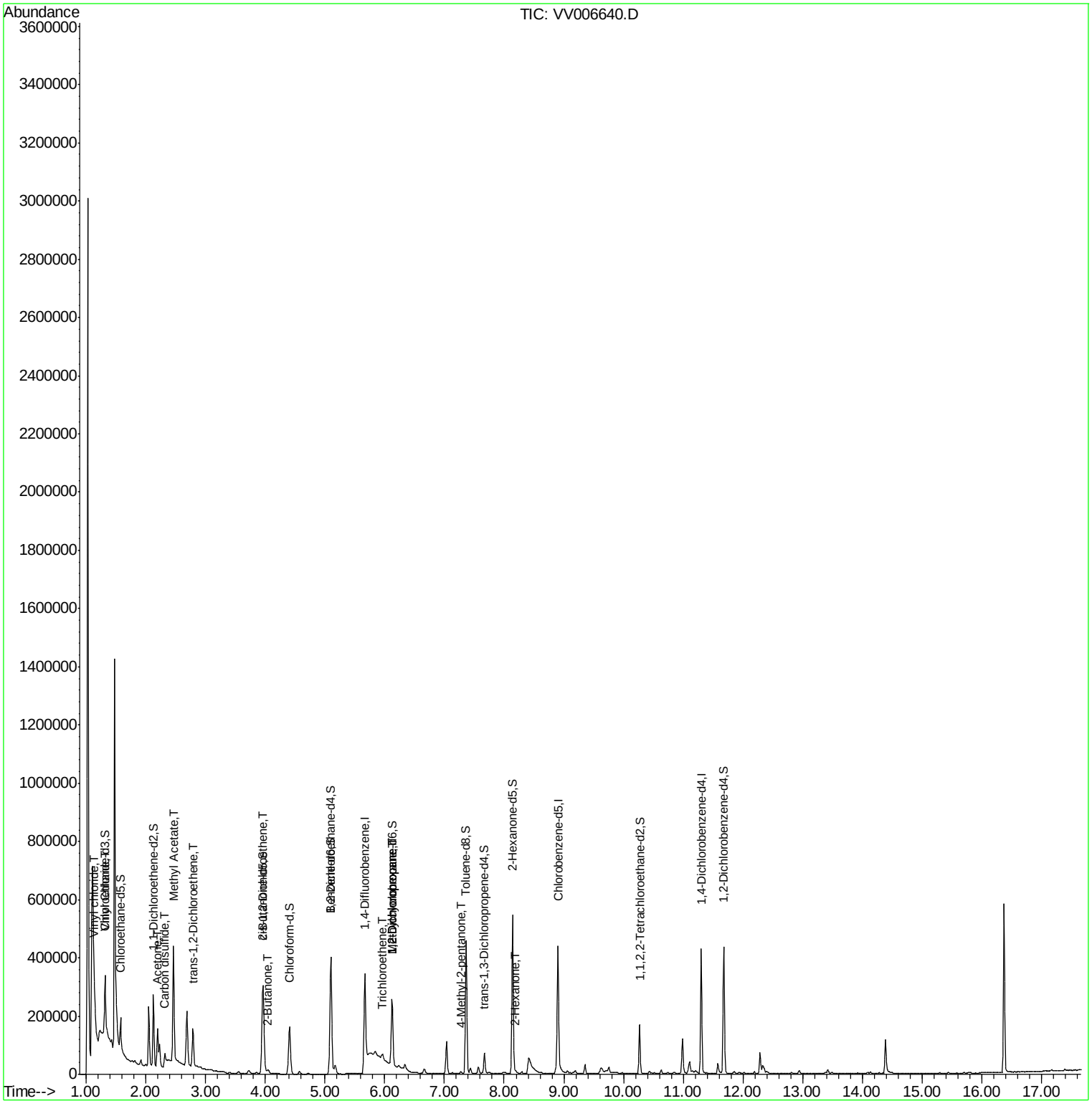
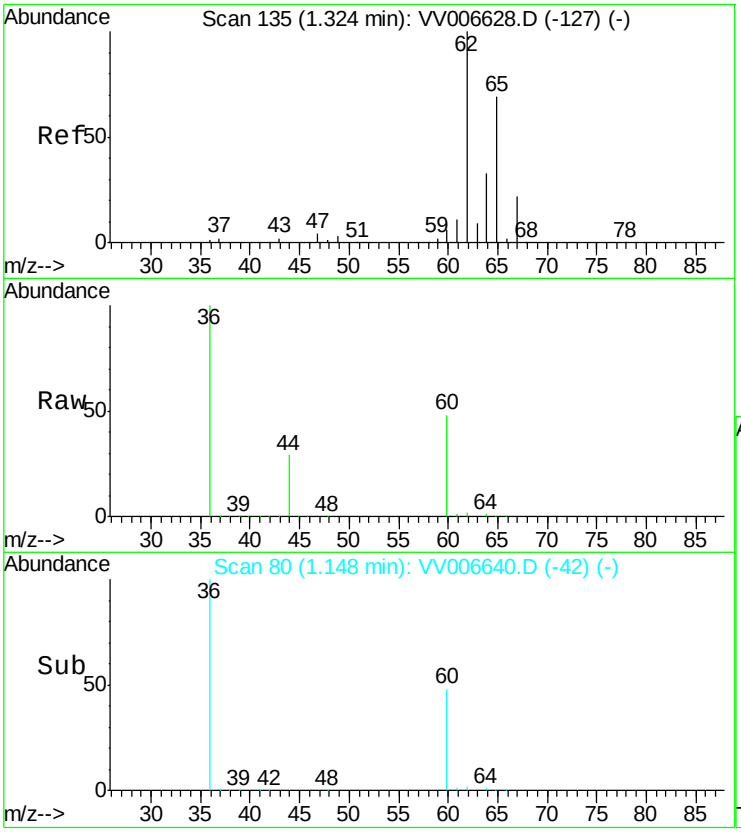
ClientSampleId :
VSTD00566

Quant Time: Jul 19 02:41:12 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 19 02:39:44 2018
Response via : Initial Calibration



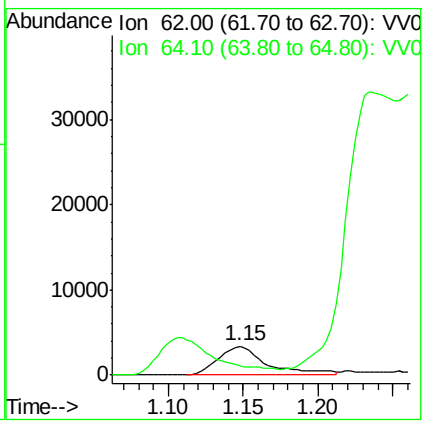


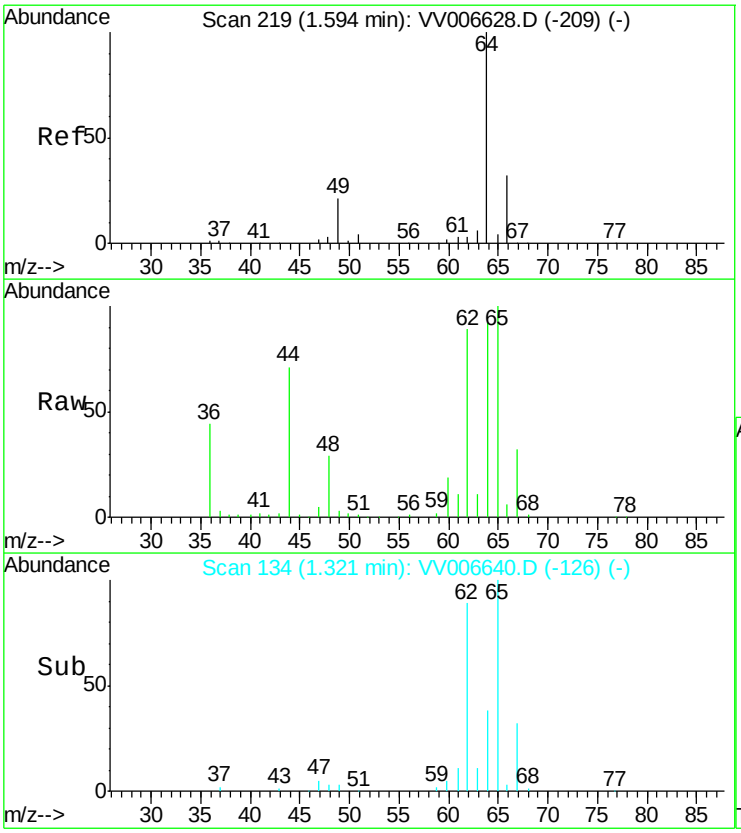
#5
Vinyl chloride
Concen: 0.255 ug/L
RT: 1.15 min Scan# 80
Delta R.T. -0.18 min
Lab File: VV006640.D
Acq: 18 Jul 2018 20:48

Instrument :
MSVOA_V
ClientSampleId :
VSTD00566

Tgt Ion: 62 Resp: 7761

Ion	Ratio	Lower	Upper
62	100		
64	38.4	22.6	42.0

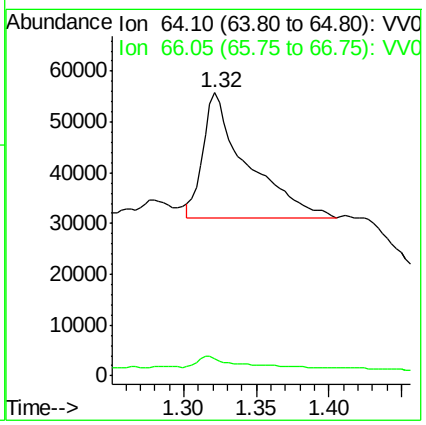


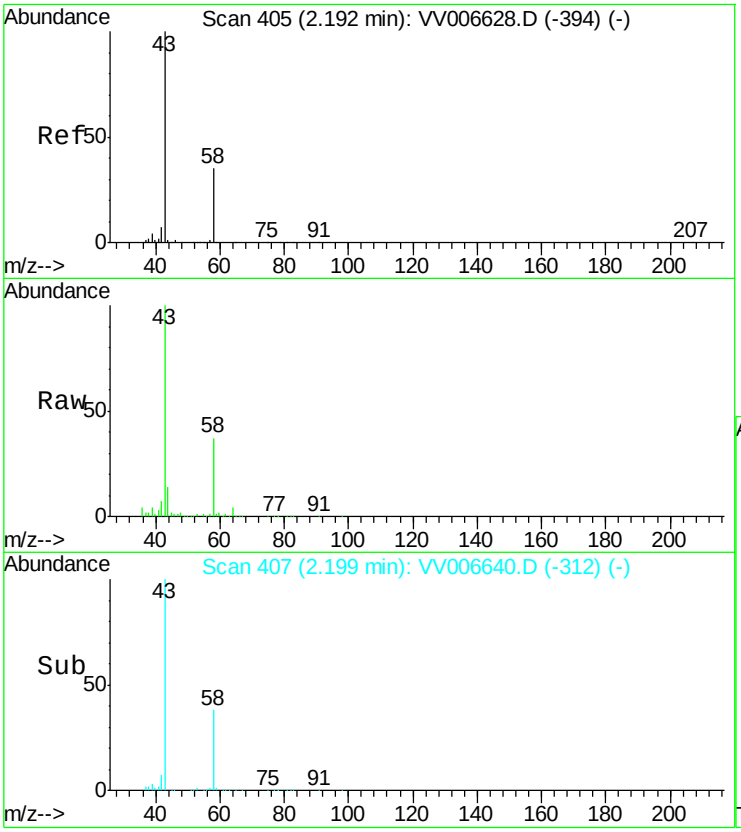


#8
Chloroethane
Concen: 3.017 ug/L
RT: 1.32 min Scan# 134
Delta R.T. -0.27 min
Lab File: VV006640.D
Acq: 18 Jul 2018 20:48

Tgt Ion: 64 Resp: 51597

Ion	Ratio	Lower	Upper
64	100		
66	6.2	22.5	41.9#



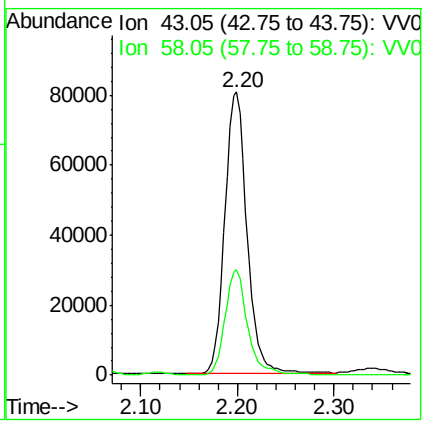


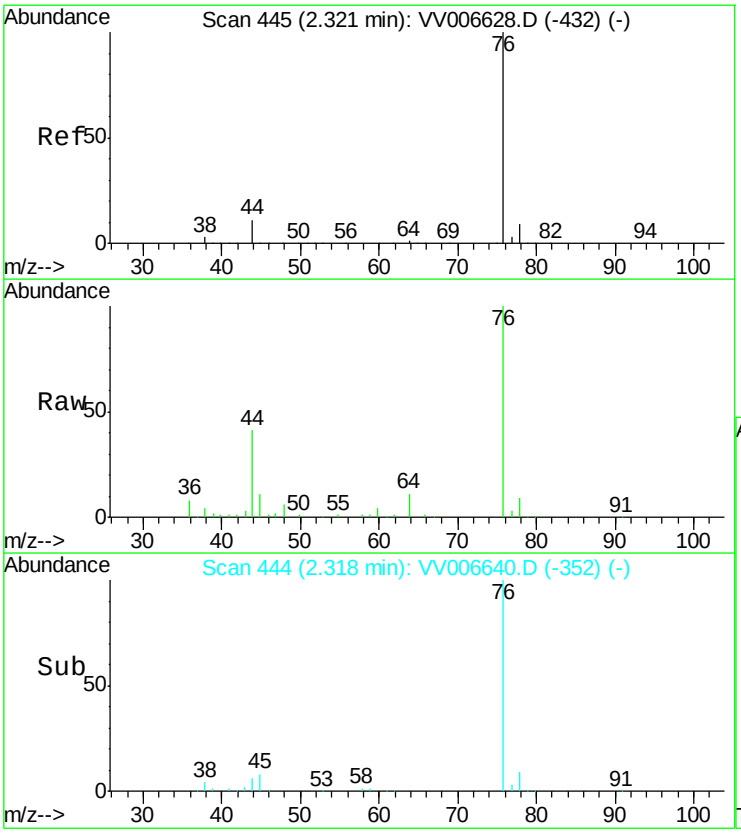
#13
Acetone
Concen: 37.982 ug/L
RT: 2.20 min Scan# 407
Delta R.T. 0.01 min
Lab File: VV006640.D
Acq: 18 Jul 2018 20:48

Instrument :
MSVOA_V
ClientSampleId :
VSTD00566

Tgt Ion: 43 Resp: 128597

Ion	Ratio	Lower	Upper
43	100		
58	37.8	0.0	70.8

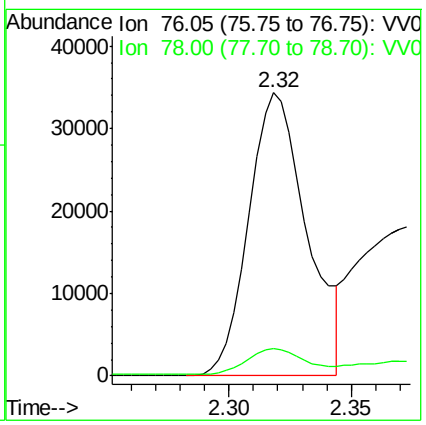


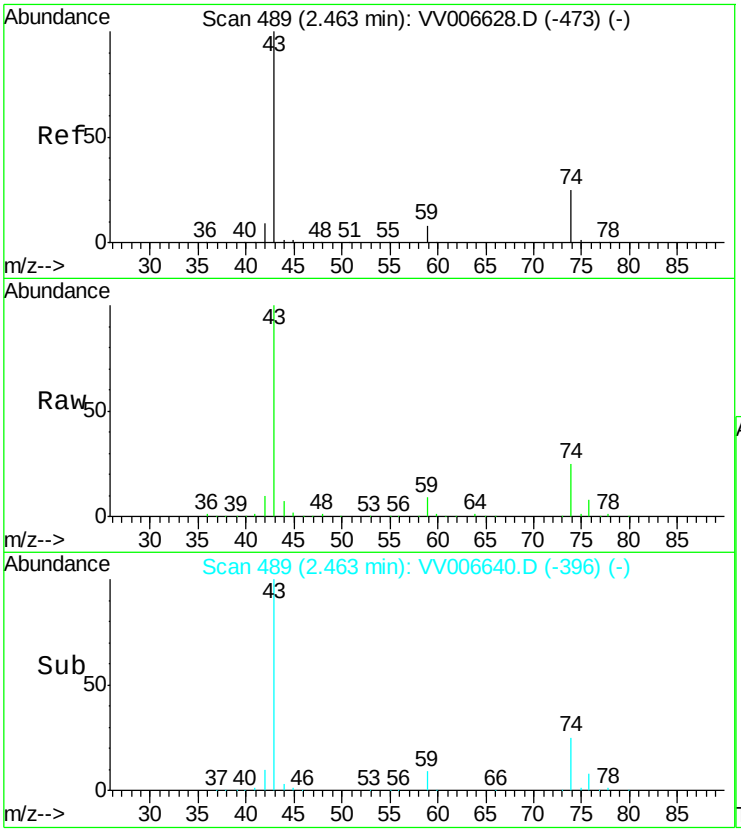


#14
Carbon disulfide
Concen: 0.908 ug/L
RT: 2.32 min Scan# 444
Delta R.T. -0.00 min
Lab File: VV006640.D
Acq: 18 Jul 2018 20:48

Tgt Ion: 76 Resp: 56796

Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.5	11.3



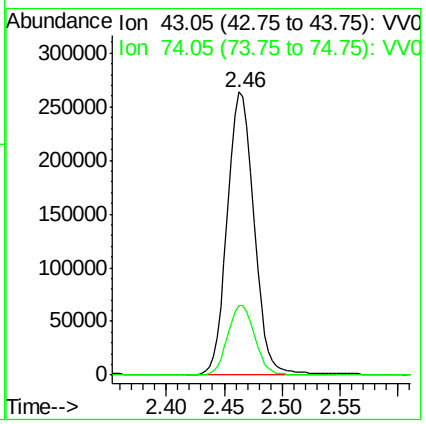


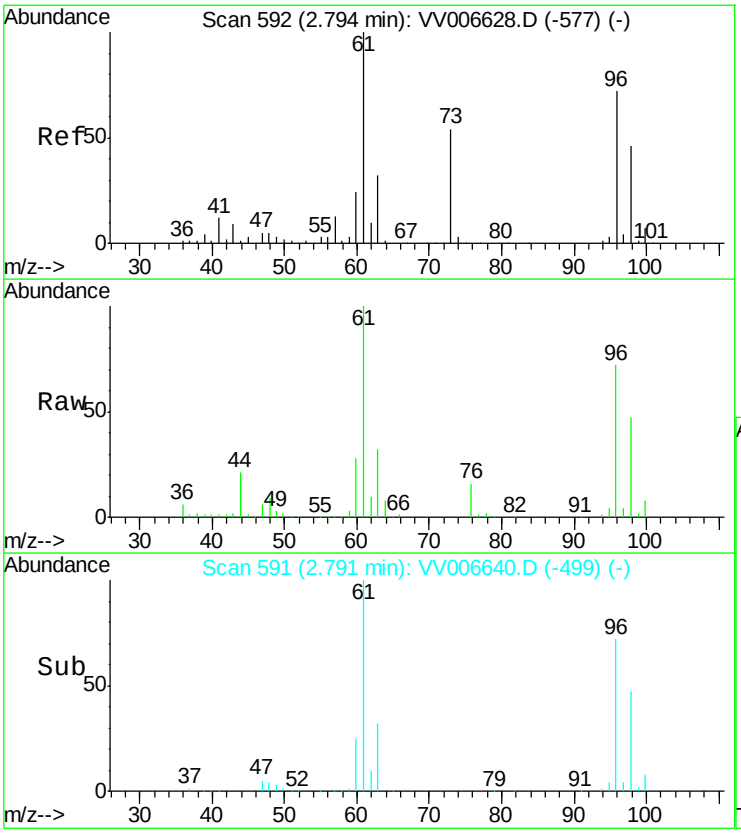
#15
Methyl Acetate
Concen: 40.243 ug/L
RT: 2.46 min Scan# 489
Delta R.T. 0.00 min
Lab File: VV006640.D
Acq: 18 Jul 2018 20:48

Instrument :
MSVOA_V
ClientSampleId :
VSTD00566

Tgt Ion: 43 Resp: 420888

Ion	Ratio	Lower	Upper
43	100		
74	24.9	20.2	30.4

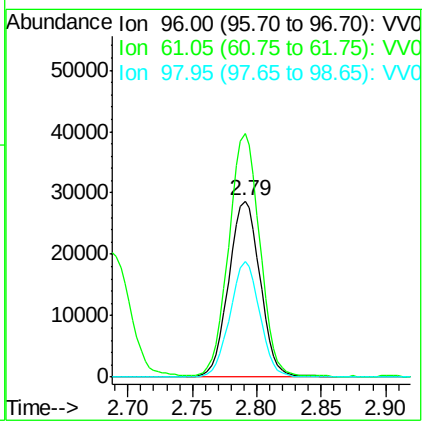


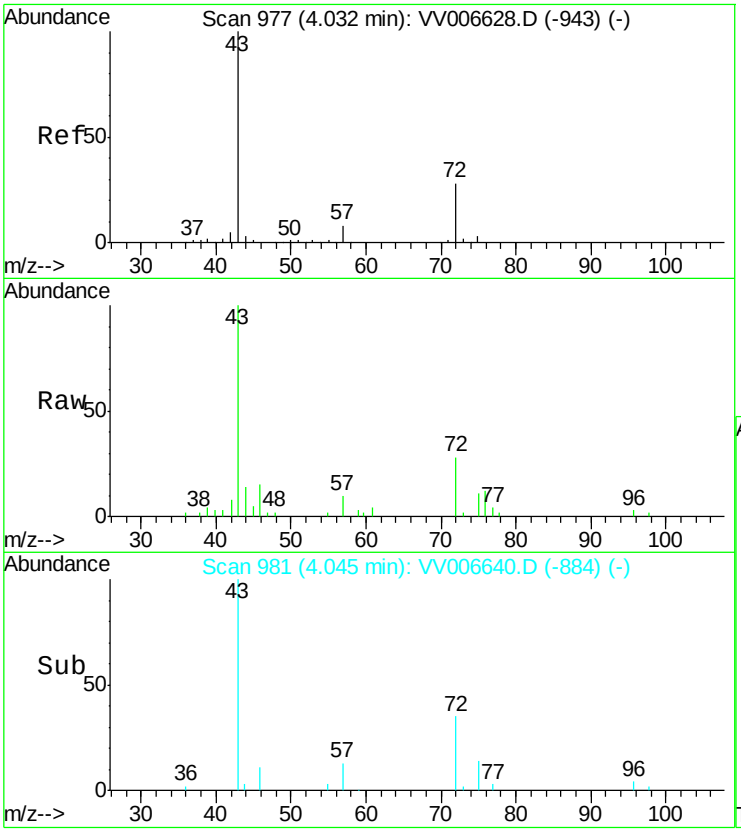


#18
trans-1,2-Dichloroethene
Concen: 2.178 ug/L
RT: 2.79 min Scan# 591
Delta R.T. -0.00 min
Lab File: VV006640.D
Acq: 18 Jul 2018 20:48

Tgt Ion: 96 Resp: 48580

Ion	Ratio	Lower	Upper
96	100		
61	138.0	98.1	182.1
98	65.5	44.4	82.4



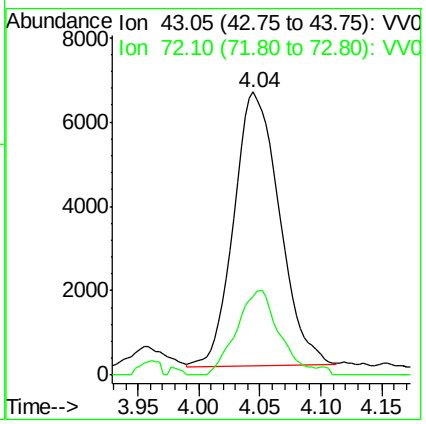


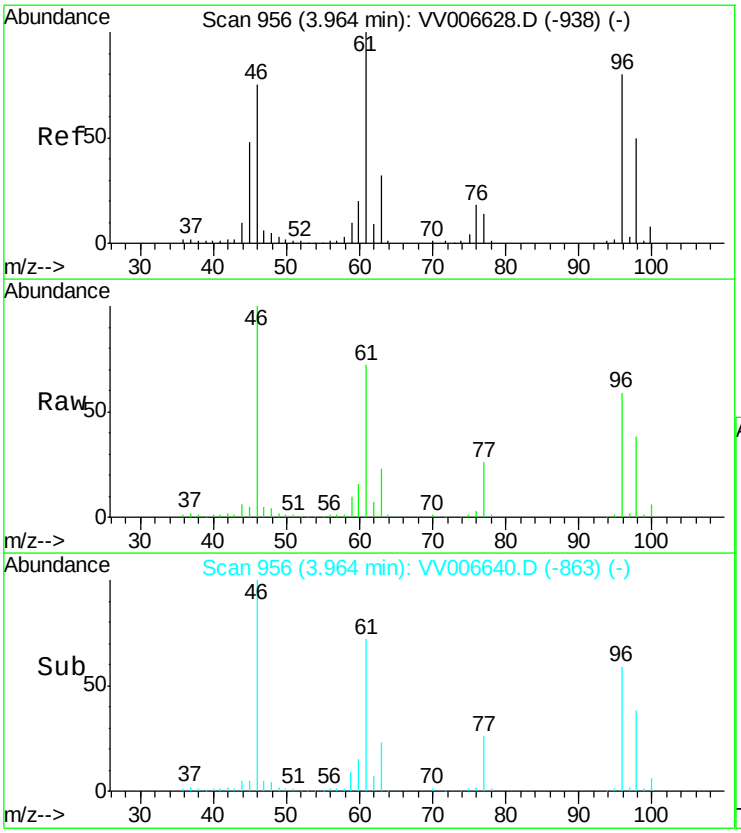
#21
2-Butanone
Concen: 2.836 ug/L
RT: 4.04 min Scan# 981
Delta R.T. 0.01 min
Lab File: VV006640.D
Acq: 18 Jul 2018 20:48

Instrument :
MSVOA_V
ClientSampleId :
VSTD00566

Tgt Ion: 43 Resp: 16821

Ion	Ratio	Lower	Upper
43	100		
72	28.8	13.4	40.1

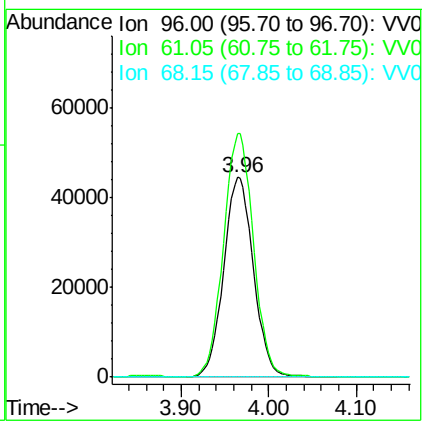


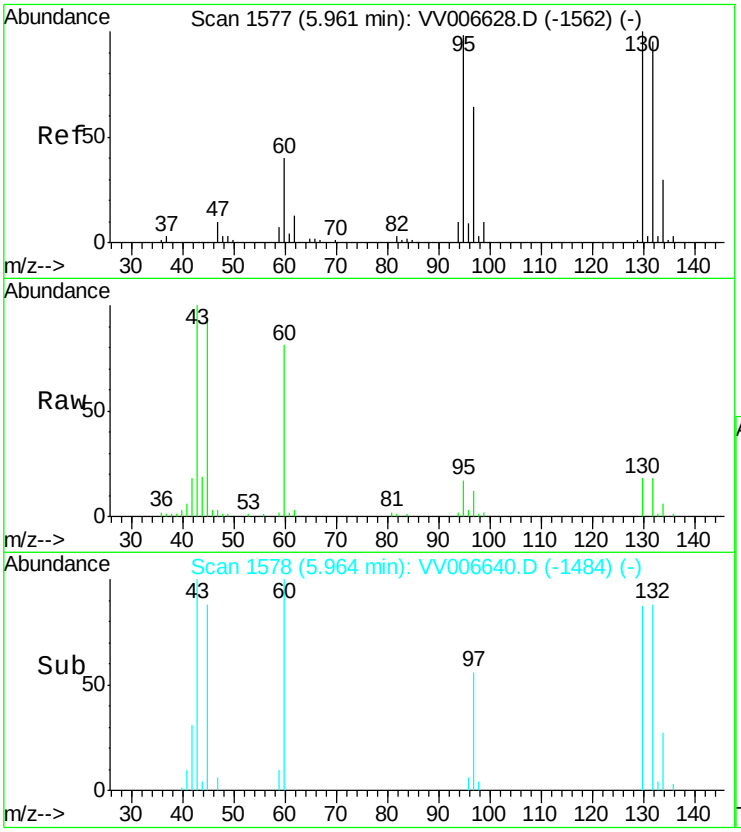


#22
cis-1,2-Dichloroethene
Concen: 4.499 ug/L
RT: 3.96 min Scan# 956
Delta R.T. 0.00 min
Lab File: VV006640.D
Acq: 18 Jul 2018 20:48

Tgt Ion: 96 Resp: 105287

Ion	Ratio	Lower	Upper
96	100		
61	121.8	86.2	160.2
68	0.0	0.0	0.0



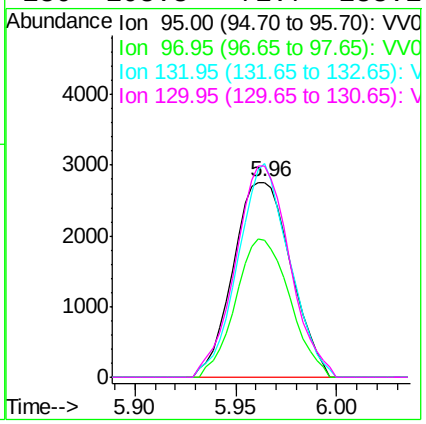


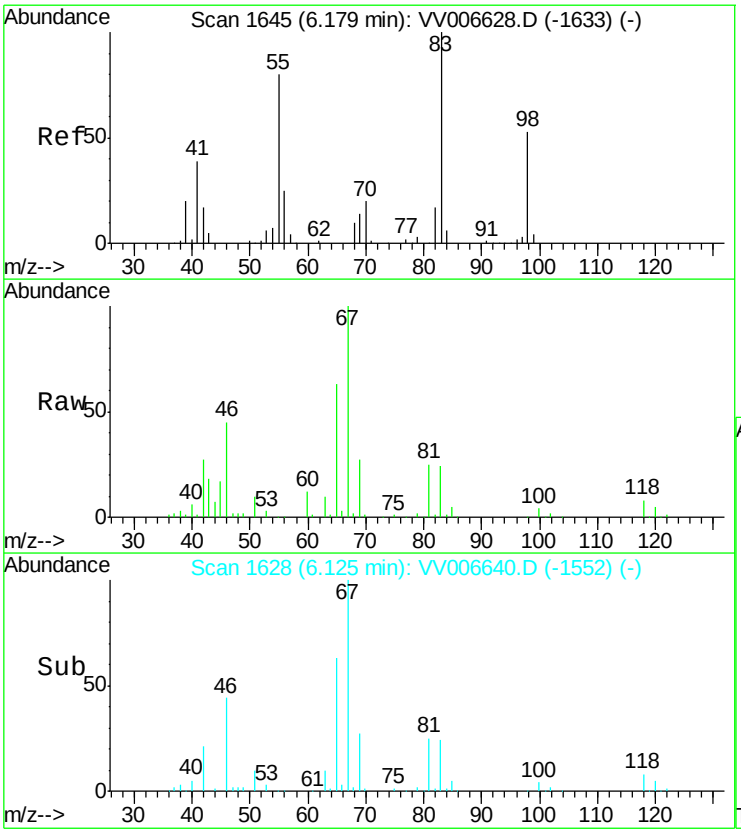
#34
Trichloroethene
Concen: 0.255 ug/L
RT: 5.96 min Scan# 1578
Delta R.T. 0.00 min
Lab File: VV006640.D
Acq: 18 Jul 2018 20:48

Instrument :
MSVOA_V
ClientSampleId :
VSTD00566

Tgt Ion: 95 Resp: 5527

Ion	Ratio	Lower	Upper
95	100		
97	70.1	45.1	83.7
132	109.7	69.0	128.2
130	108.3	71.7	133.1

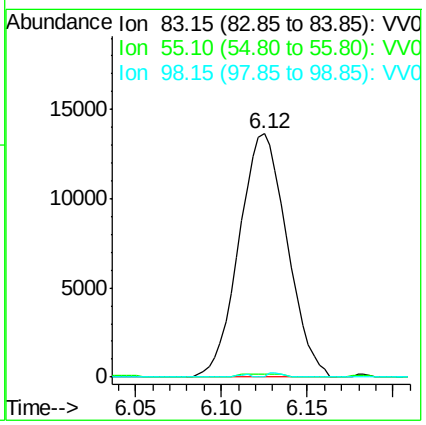


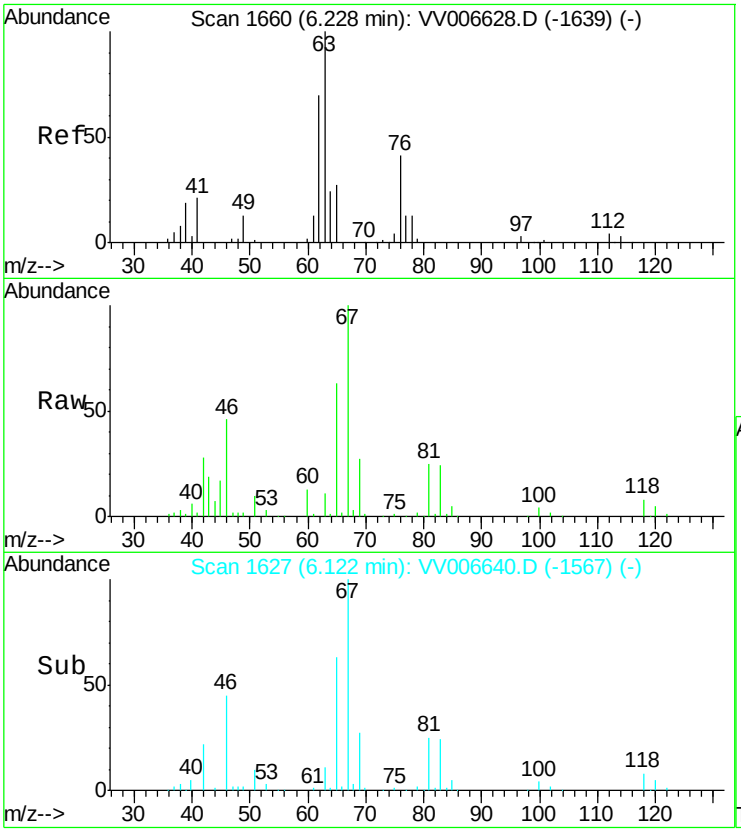


#35
Methylcyclohexane
Concen: 0.771 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.05 min
Lab File: VV006640.D
Acq: 18 Jul 2018 20:48

Tgt Ion: 83 Resp: 26429

Ion	Ratio	Lower	Upper
83	100		
55	0.3	60.7	91.1#
98	0.5	39.1	58.7#



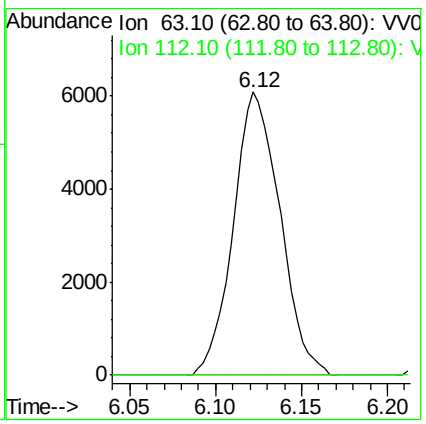


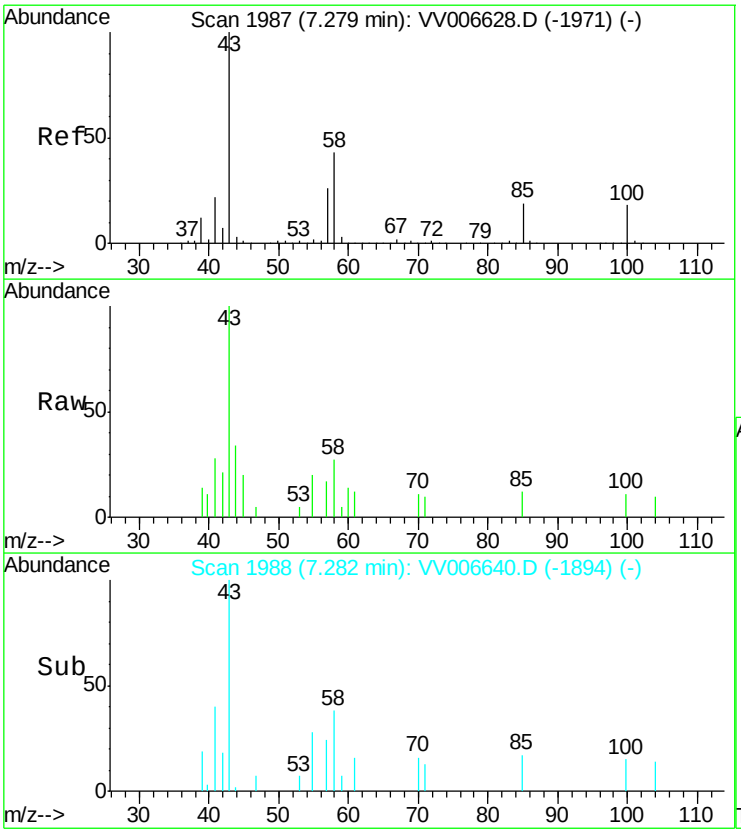
#37
1,2-Dichloropropane
Concen: 0.516 ug/L
RT: 6.12 min Scan# 1627
Delta R.T. -0.11 min
Lab File: VV006640.D
Acq: 18 Jul 2018 20:48

Instrument :
MSVOA_V
ClientSampleId :
VSTD00566

Tgt Ion: 63 Resp: 11500

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.7	5.5#

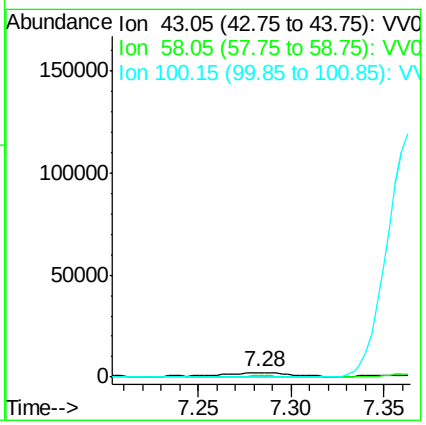


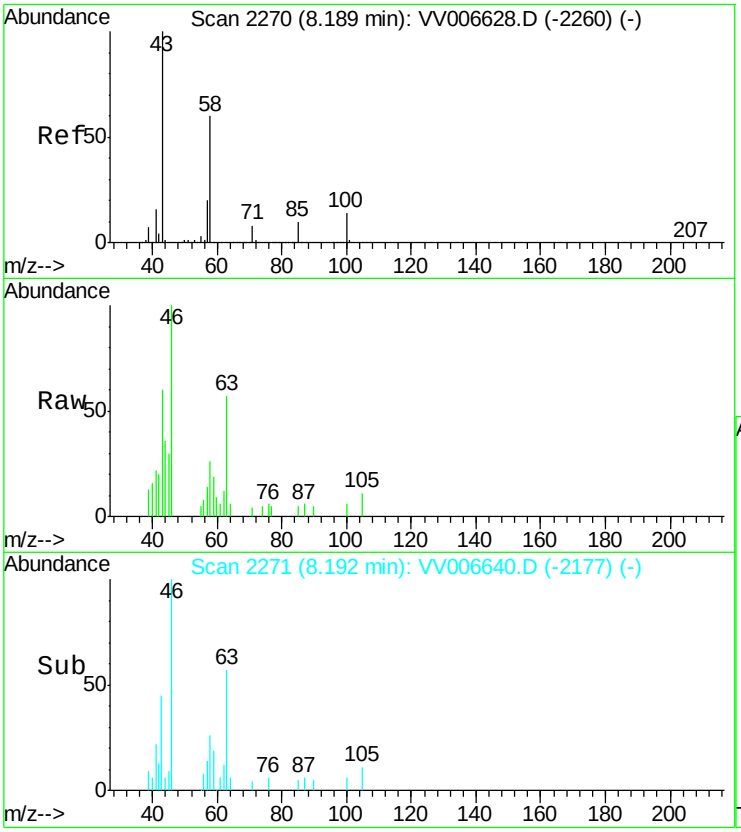


#40
4-Methyl-2-pentanone
Concen: 0.285 ug/L
RT: 7.28 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VV006640.D
Acq: 18 Jul 2018 20:48

Tgt Ion: 43 Resp: 3654

Ion	Ratio	Lower	Upper
43	100		
58	28.5	33.2	49.8#
100	0.0	13.5	20.3#





#48
2-Hexanone
Concen: 0.219 ug/L
RT: 8.19 min Scan# 2271
Delta R.T. 0.00 min
Lab File: VV006640.D
Acq: 18 Jul 2018 20:48

Instrument :
MSVOA_V
ClientSampleId :
VSTD00566

Tgt Ion: 43 Resp: 2008

Ion	Ratio	Lower	Upper
43	100		
58	52.3	48.2	72.4
57	43.8	16.2	24.4#
100	2.4	11.0	16.4#