Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072020\
Data File : VV017554.D
Acq On : 20 Jul 2020 18:56
Operator : SY/MD
Sample : L3336-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
PMW-7D

Manual Integrations APPROVED
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7/22/2020 11:03:46 AM

Quant Time: Jul 21 03:46:41 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM072020WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Jul 20 18:07:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	274300	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	264663	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	137078	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	78148	51.07	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 102.14%			
7) Chloroethane-d5	1.58	69	54570	43.33	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 86.66%			
11) 1,1-Dichloroethene-d2	2.12	63	126041	33.87	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 67.74%			
21) 2-Butanone-d5	3.90	46	99543	89.54	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 89.54%			
24) Chloroform-d	4.38	84	156226m	44.57	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.14%			
26) 1,2-Dichloroethane-d4	5.06	65	117976	49.32	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.64%			
32) Benzene-d6	5.07	84	274841	47.09	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.18%			
36) 1,2-Dichloropropane-d6	6.09	67	81394	47.27	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 94.54%			
41) Toluene-d8	7.34	98	253904	45.90	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.80%			
43) trans-1,3-Dichloropropene-	7.64	79	46757	44.14	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 88.28%			
47) 2-Hexanone-d5	8.11	63	82375	101.88	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 101.88%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	119961	48.26	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 96.52%			
64) 1,2-Dichlorobenzene-d4	11.65	152	114735	46.31	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.62%			
Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	3809	1.733	ug/L #	37
13) Acetone	2.18	43	4873	3.593	ug/L	93
16) Methylene chloride	2.52	84	2655	1.294	ug/L	94
18) Methyl tert-butyl Ether	2.78	73	20772	3.257	ug/L #	86
19) 1,1-Dichloroethane	3.21	63	26894	8.132	ug/L	99
20) cis-1,2-Dichloroethene	3.94	96	4021	2.070	ug/L	71
27) 1,2-Dichloroethane	5.16	62	11994	3.766	ug/L	97

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

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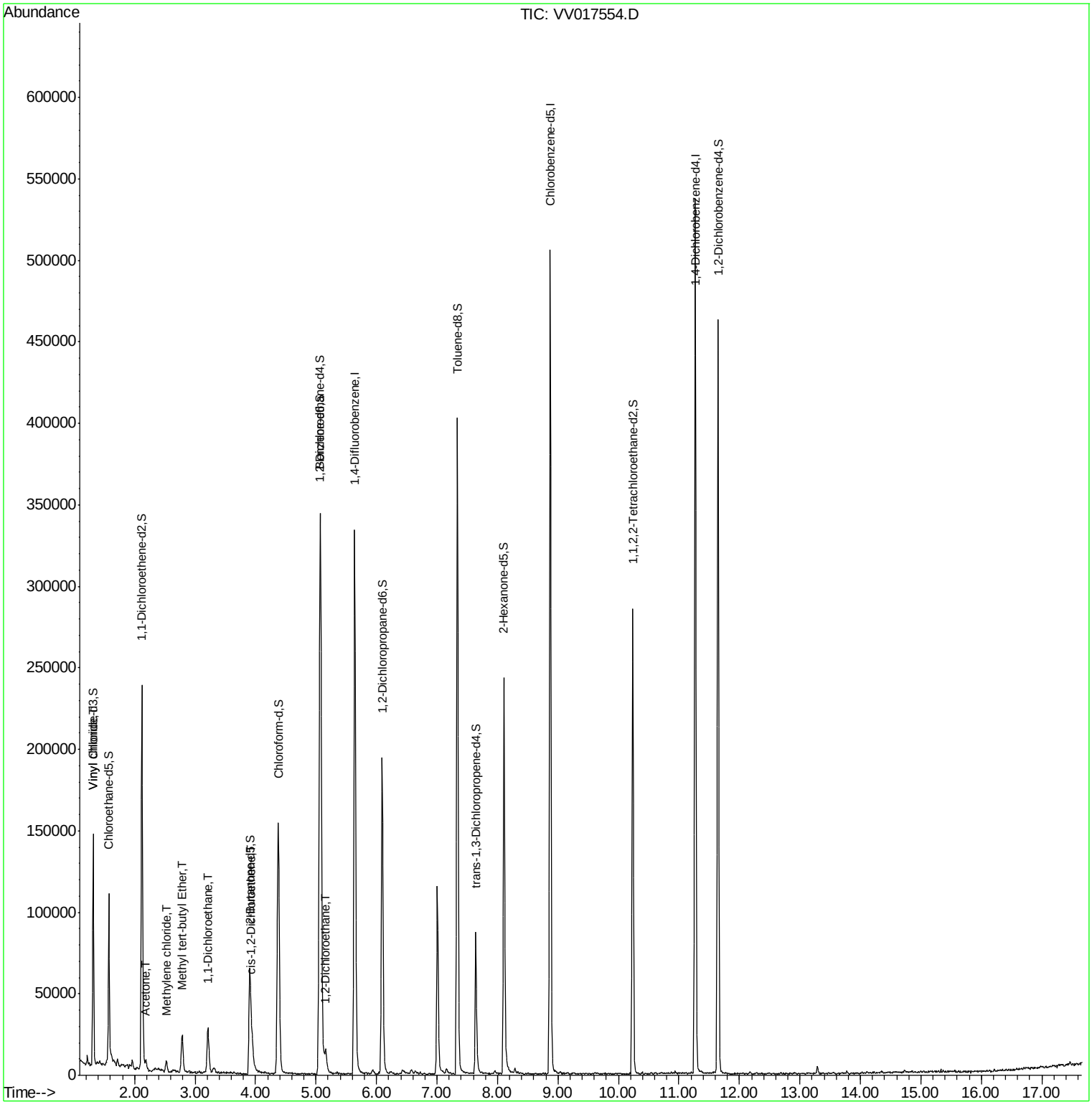
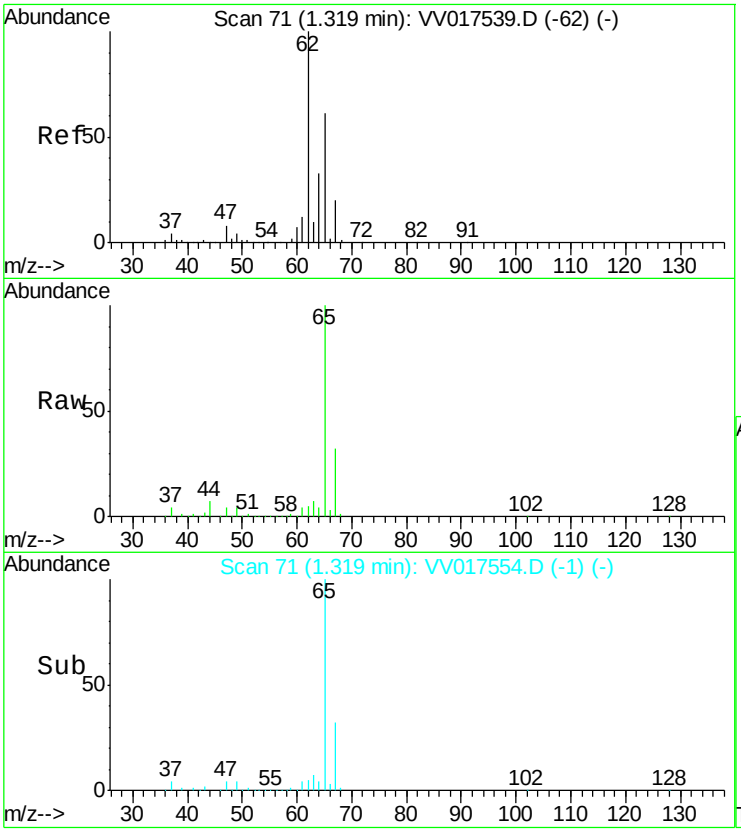
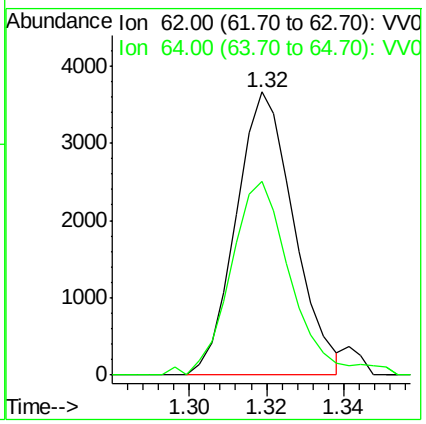




#5
Vinyl chloride
Concen: 1.733 ug/L
RT: 1.32 min Scan# 71
Delta R.T. -0.00 min
Lab File: VV017554.D
Acq: 20 Jul 2020 18:56

Tgt Ion: 62 Resp: 3809

Ion	Ratio	Lower	Upper
62	100		
64	68.7	23.0	42.8#



Instrument :
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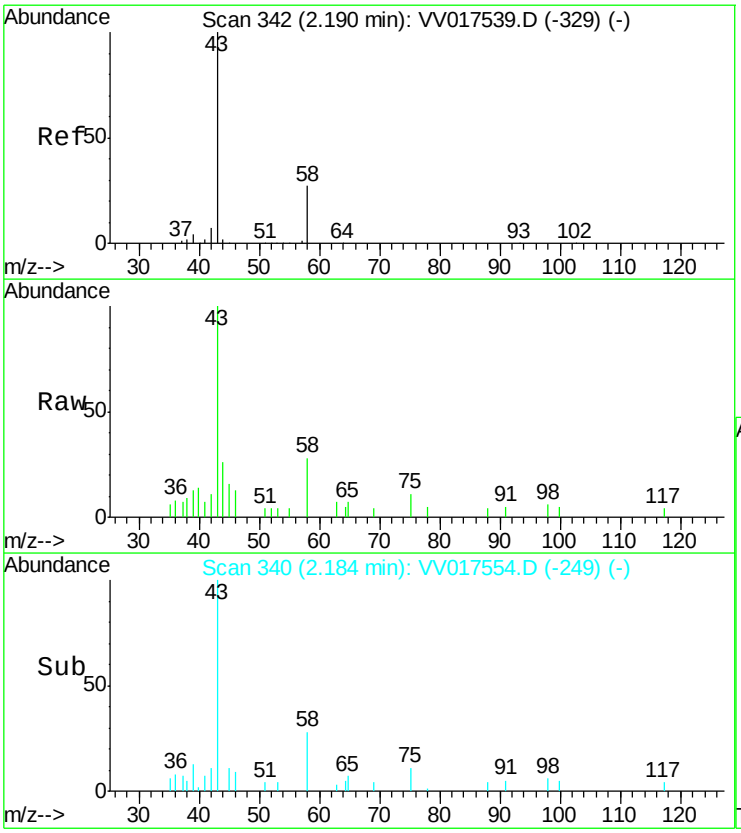
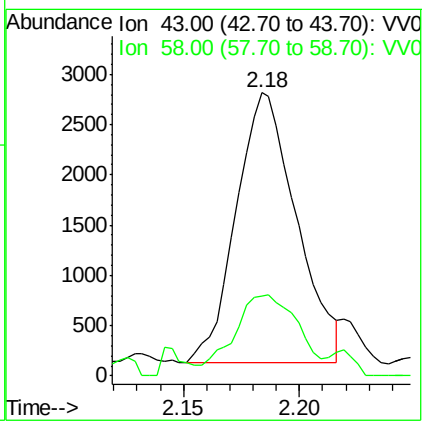
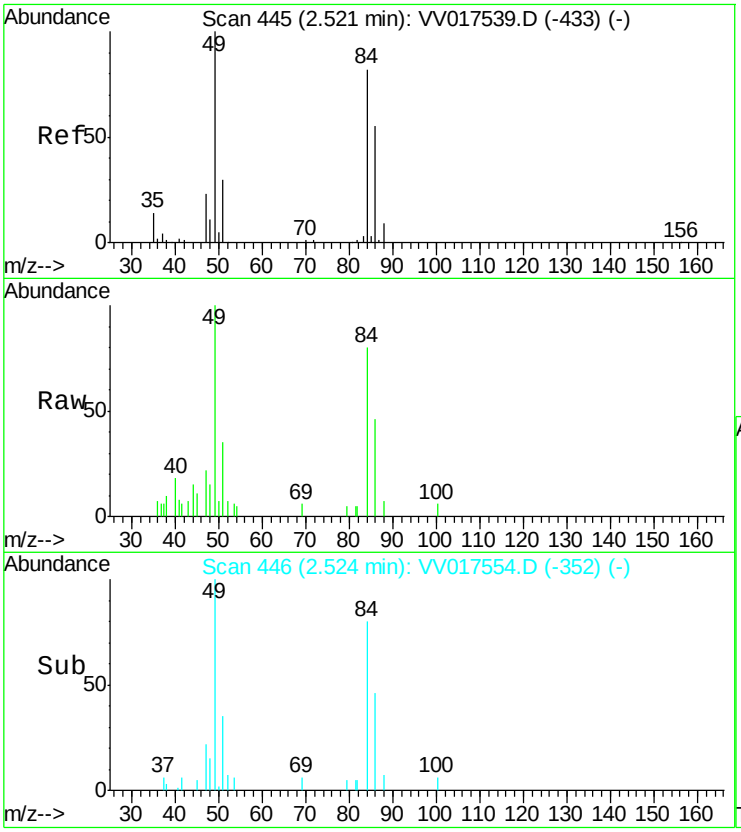


#13
Acetone
Concen: 3.593 ug/L
RT: 2.18 min Scan# 340
Delta R.T. -0.01 min
Lab File: VV017554.D
Acq: 20 Jul 2020 18:56

Tgt Ion: 43 Resp: 4873

Ion	Ratio	Lower	Upper
43	100		
58	31.5	0.0	56.0

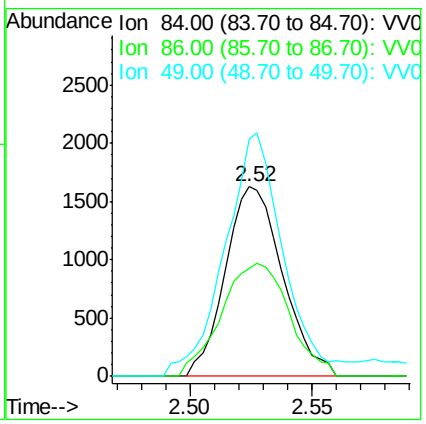




#16
Methylene chloride
Concen: 1.294 ug/L
RT: 2.52 min Scan# 446
Delta R.T. 0.00 min
Lab File: VV017554.D
Acq: 20 Jul 2020 18:56

Tgt Ion: 84 Resp: 2655

Ion	Ratio	Lower	Upper
84	100		
86	56.9	47.1	87.5
49	124.9	85.8	159.4



Instrument :
MSVOA_V
ClientSampleId :
PMW-7D

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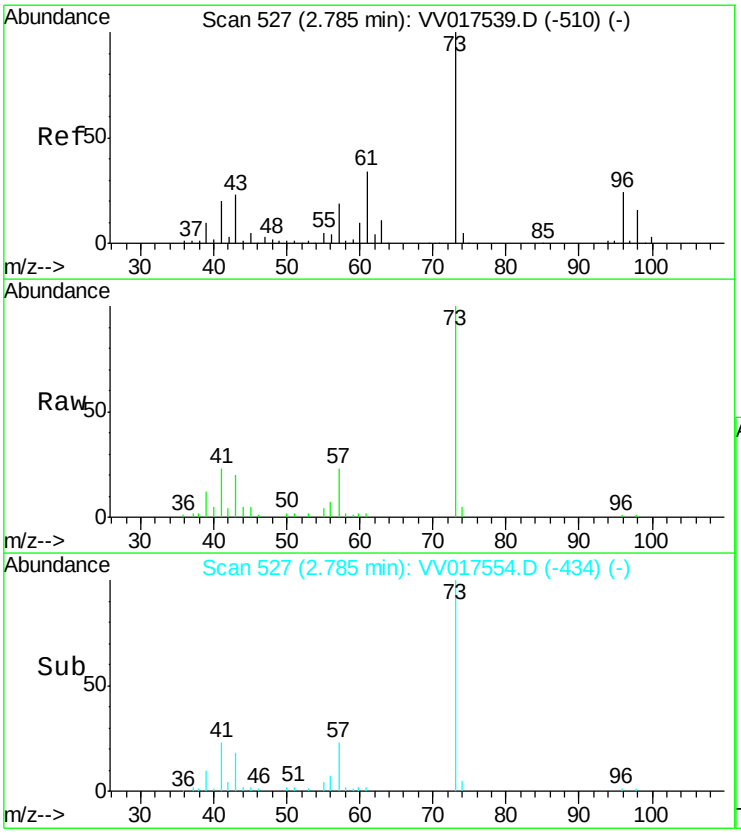
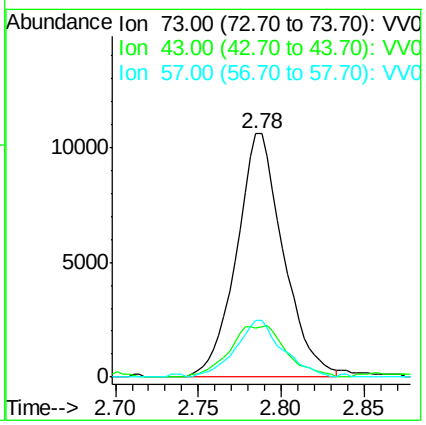
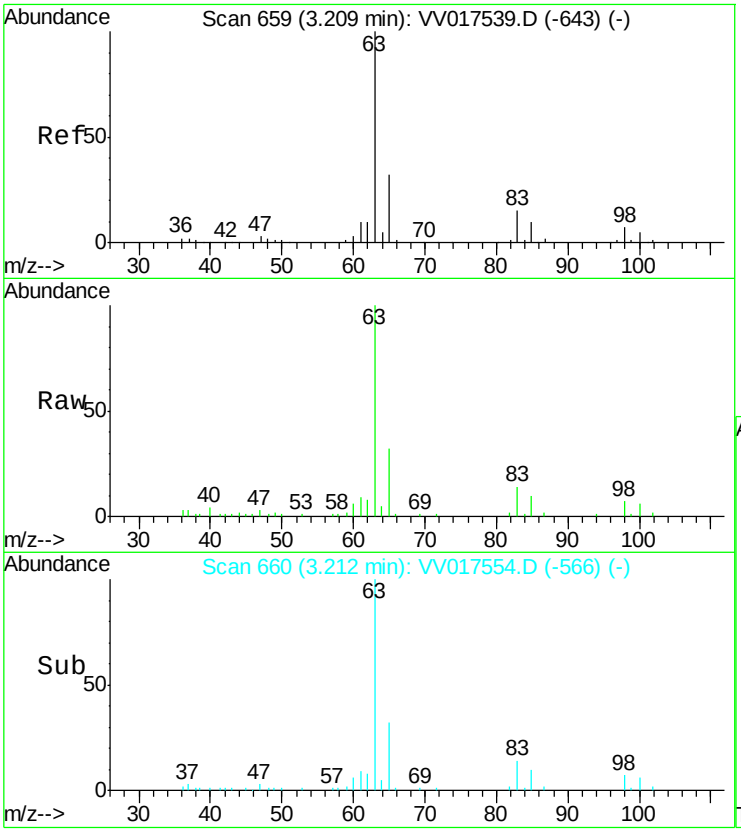


#18
Methyl tert-butyl Ether
Concen: 3.257 ug/L
RT: 2.78 min Scan# 527
Delta R.T. -0.00 min
Lab File: VV017554.D
Acq: 20 Jul 2020 18:56

Tgt Ion: 73 Resp: 20772

Ion	Ratio	Lower	Upper
73	100		
43	13.0	18.1	27.1#
57	23.3	15.8	23.8

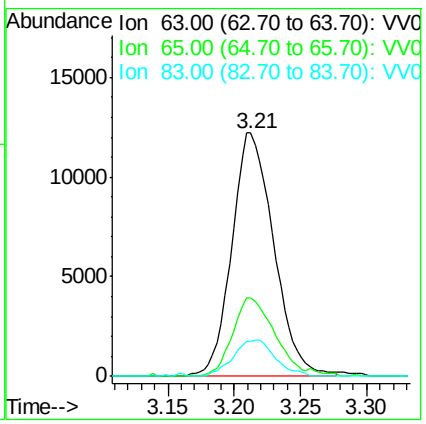




#19
1,1-Dichloroethane
Concen: 8.132 ug/L
RT: 3.21 min Scan# 660
Delta R.T. 0.00 min
Lab File: VV017554.D
Acq: 20 Jul 2020 18:56

Tgt Ion: 63 Resp: 26894

Ion	Ratio	Lower	Upper
63	100		
65	32.2	22.0	41.0
83	14.2	10.1	18.9



Instrument :
MSVOA_V
ClientSampleId :
PMW-7D

Manual Integrations APPROVED
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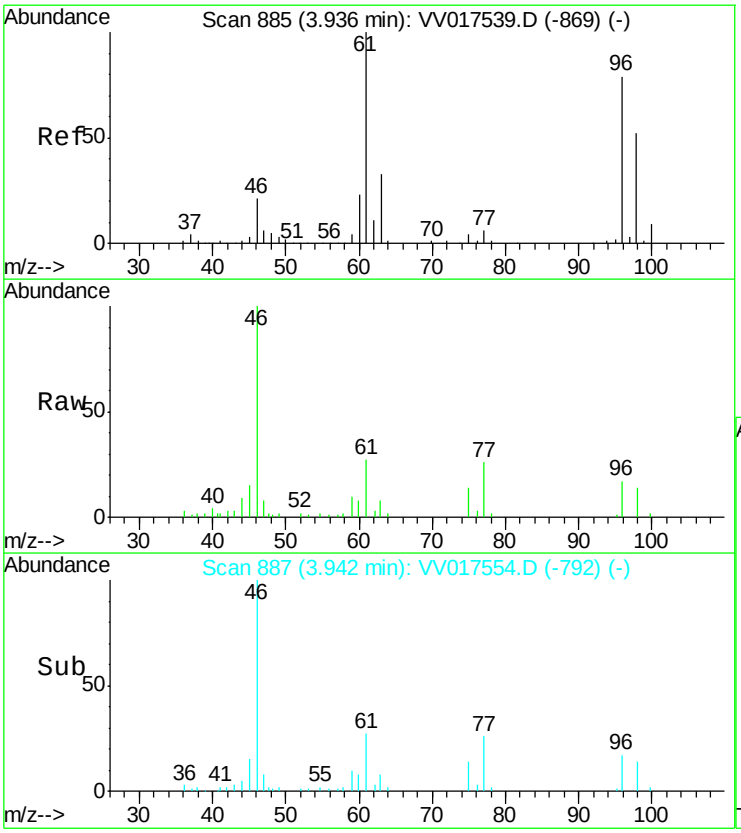
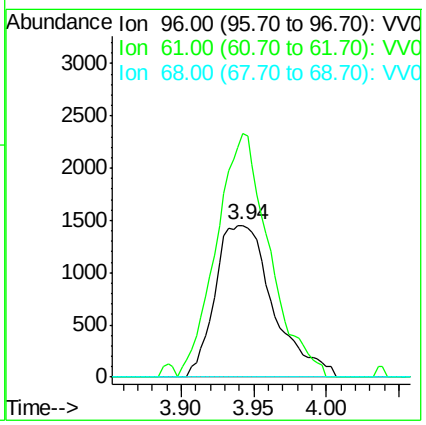
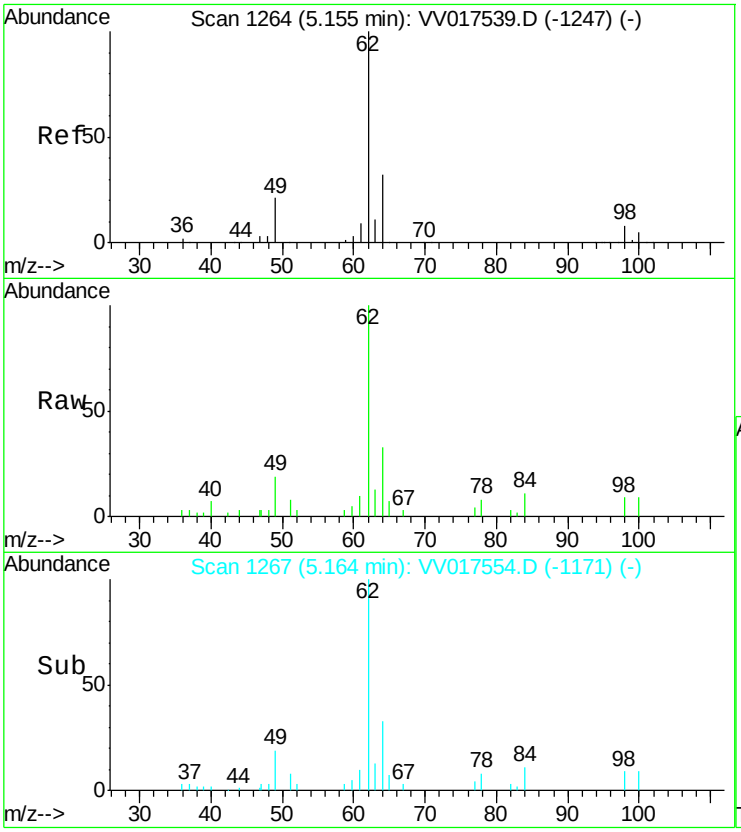


#20
cis-1,2-Dichloroethene
Concen: 2.070 ug/L
RT: 3.94 min Scan# 887
Delta R.T. 0.01 min
Lab File: VV017554.D
Acq: 20 Jul 2020 18:56

Tgt Ion: 96 Resp: 4021

Ion	Ratio	Lower	Upper
96	100		
61	160.2	88.5	164.4
68	0.0	0.0	0.0

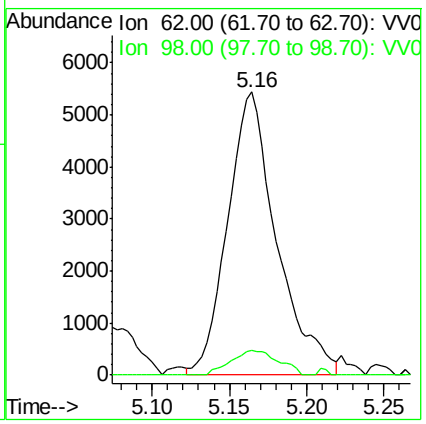




#27
1,2-Dichloroethane
Concen: 3.766 ug/L
RT: 5.16 min Scan# 1267
Delta R.T. 0.01 min
Lab File: VV017554.D
Acq: 20 Jul 2020 18:56

Tgt Ion: 62 Resp: 11994

Ion	Ratio	Lower	Upper
62	100		
98	8.8	6.2	9.4



Instrument :
MSVOA_V
ClientSampleId :
PMW-7D

Manual Integrations APPROVED
MMDadoda
7/22/2020 11:03:46 AM