Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052820\
Data File : VV016304.D
Acq On : 29 May 2020 03:07
Operator : SY/MD
Sample : L2662-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9B11

Manual Integrations APPROVED
MMDadoda
5/29/2020 4:26:54 PM

Quant Time: May 29 06:16:27 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 29 04:21:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	98590	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	94921	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	48903	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	26183	4.13	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 82.60%			
7) Chloroethane-d5	1.58	69	17558	3.16	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 63.20%#			
11) 1,1-Dichloroethene-d2	2.12	63	47112	3.96	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 79.20%			
20) 2-Butanone-d5	3.98	46	53237m	33.90	ug/L	0.05
Spiked Amount 50.000	Range 40 - 130		Recovery = 67.80%			
24) Chloroform-d	4.38	84	52817	4.19	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.80%			
26) 1,2-Dichloroethane-d4	5.06	65	28390	4.25	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.00%			
32) Benzene-d6	5.07	84	106177	4.52	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.40%			
36) 1,2-Dichloropropane-d6	6.10	67	32285	4.44	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 88.80%			
41) Toluene-d8	7.34	98	96795	4.32	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.40%			
45) trans-1,3-Dichloropropene-	7.65	79	10642	3.92	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 78.40%			
48) 2-Hexanone-d5	8.12	63	56474	45.41	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 90.82%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	22496	4.18	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 83.60%			
65) 1,2-Dichlorobenzene-d4	11.65	152	37408	4.58	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 91.60%			
Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	372252	43.114	ug/L	99
12) 1,1-Dichloroethene	2.13	96	21032	3.617	ug/L	92
13) Acetone	2.26	43	12927m	13.296	ug/L	
14) Carbon disulfide	2.31	76	2082	0.115	ug/L	98
18) trans-1,2-Dichloroethene	2.78	96	36843	5.790	ug/L	96
19) 1,1-Dichloroethane	3.21	63	2515	0.208	ug/L	97
22) cis-1,2-Dichloroethene	3.94	96	7918446	1052.095	ug/L	100
27) 1,2-Dichloroethane	5.16	62	19212m	2.297	ug/L	
33) Benzene	5.12	78	233697	8.556	ug/L	100
34) Trichloroethene	5.94	95	14096	1.981	ug/L	95
42) Toluene	7.41	91	347023	11.650	ug/L	99
47) 1,1,2-Trichloroethane	7.87	97	3703	0.840	ug/L	98
54) Ethylbenzene	9.03	91	371341	11.184	ug/L	99
55) m,p-xylene	9.16	106	156597	12.577	ug/L	100
56) o-xylene	9.56	106	115672	9.749	ug/L	96
57) Styrene	9.58	104	22542	1.142	ug/L #	49
58) Isopropylbenzene	9.95	105	18833	0.579	ug/L	100

Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052820\
Data File : VV016304.D
Acq On : 29 May 2020 03:07
Operator : SY/MD
Sample : L2662-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9B11

Manual Integrations APPROVED
MMDadoda
5/29/2020 4:26:54 PM

Quant Time: May 29 06:16:27 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 29 04:21:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

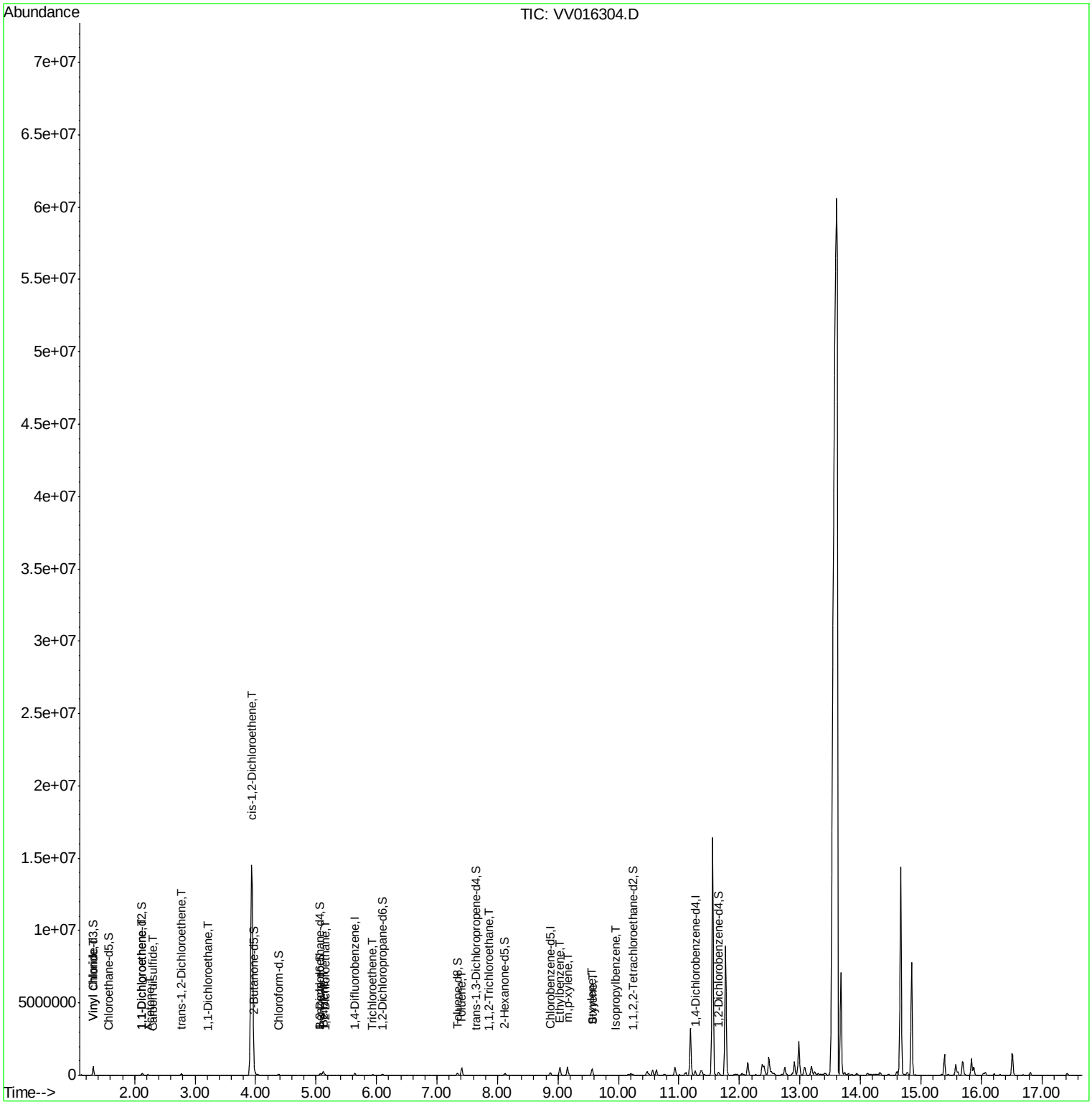
Quantitation Report (LSC Reviewed)

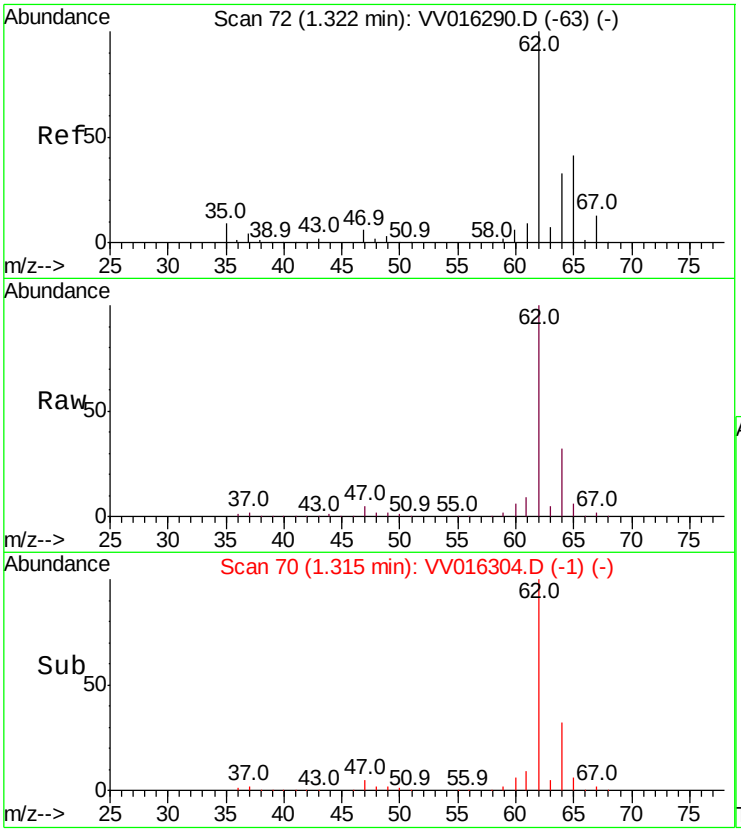
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052820\
Data File : VV016304.D
Acq On : 29 May 2020 03:07
Operator : SY/MD
Sample : L2662-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 43 Sample Multiplier: 1

Quant Time: May 29 06:16:27 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 29 04:21:25 2020
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
F9B11

Manual Integrations APPROVED
MMDadoda
5/29/2020 4:26:54 PM

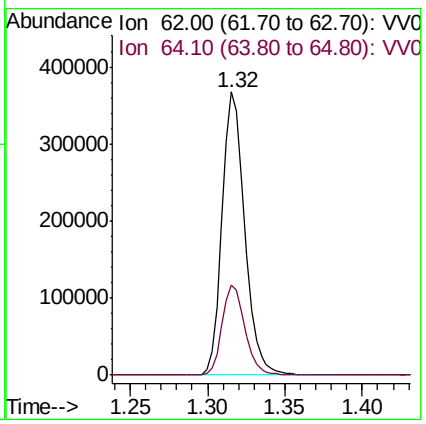




#5
Vinyl chloride
Concen: 43.114 ug/L
RT: 1.32 min Scan# 70
Delta R.T. -0.01 min
Lab File: VV016304.D
Acq: 29 May 2020 03:07

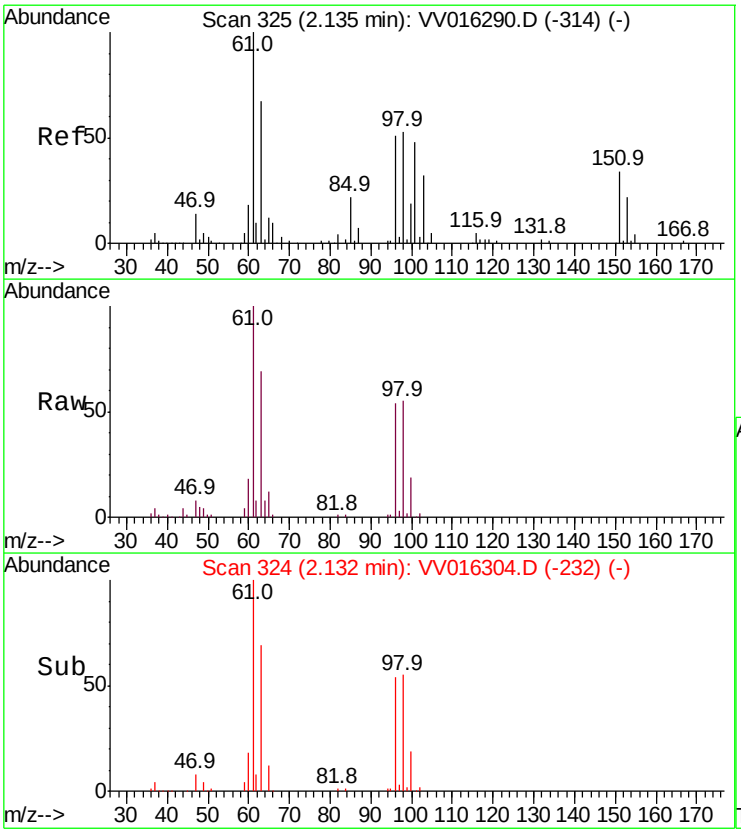
Tgt Ion: 62 Resp: 372252

Ion	Ratio	Lower	Upper
62	100		
64	31.9	22.1	41.1



Instrument :
MSVOA_V
ClientSampleId :
F9B11

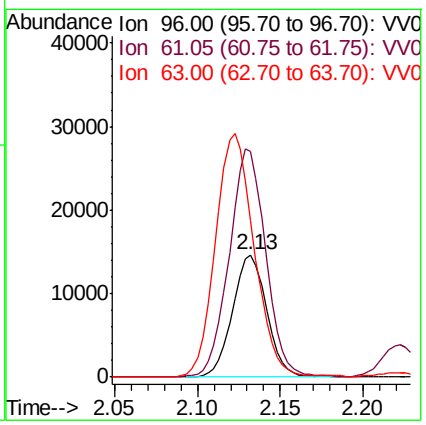
Manual Integrations APPROVED
MMDadoda
5/29/2020 4:26:54 PM

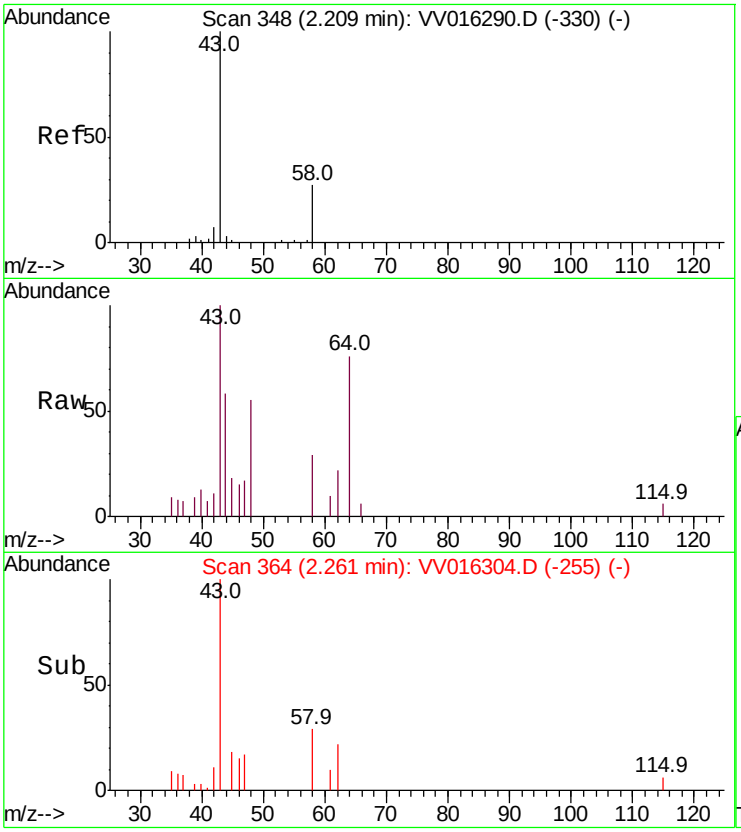


#12
1,1-Dichloroethene
Concen: 3.617 ug/L
RT: 2.13 min Scan# 324
Delta R.T. -0.00 min
Lab File: VV016304.D
Acq: 29 May 2020 03:07

Tgt Ion: 96 Resp: 21032

Ion	Ratio	Lower	Upper
96	100		
61	184.7	124.9	231.9
63	128.1	80.4	149.2

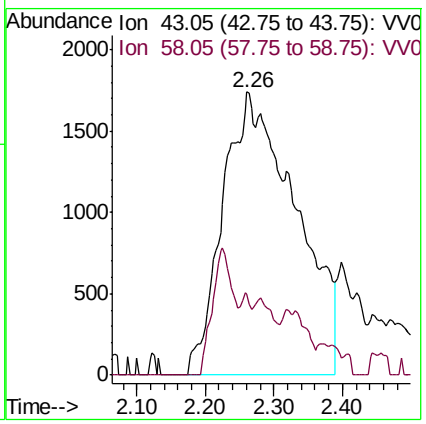




#13
Acetone
Concen: 13.296 ug/L m
RT: 2.26 min Scan# 364
Delta R.T. 0.05 min
Lab File: VV016304.D
Acq: 29 May 2020 03:07

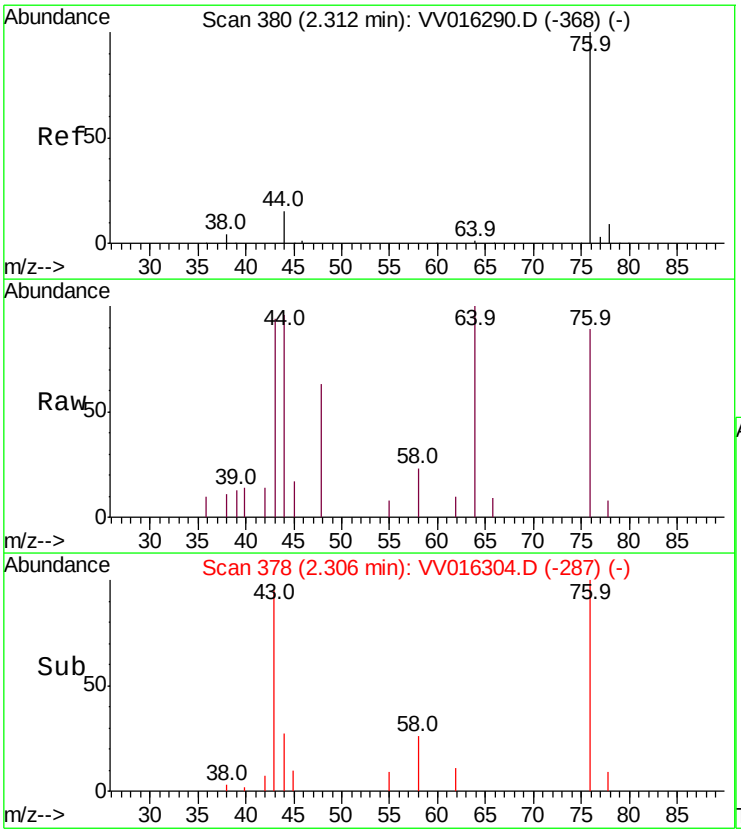
Tgt Ion: 43 Resp: 12927

Ion	Ratio	Lower	Upper
43	100		
58	2.0	0.0	48.8



Instrument :
MSVOA_V
ClientSampleId :
F9B11

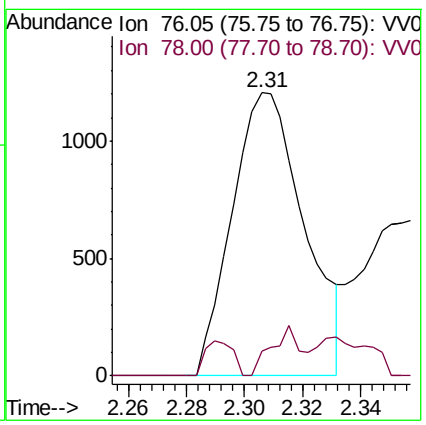
Manual Integrations APPROVED
MMDadoda
5/29/2020 4:26:54 PM

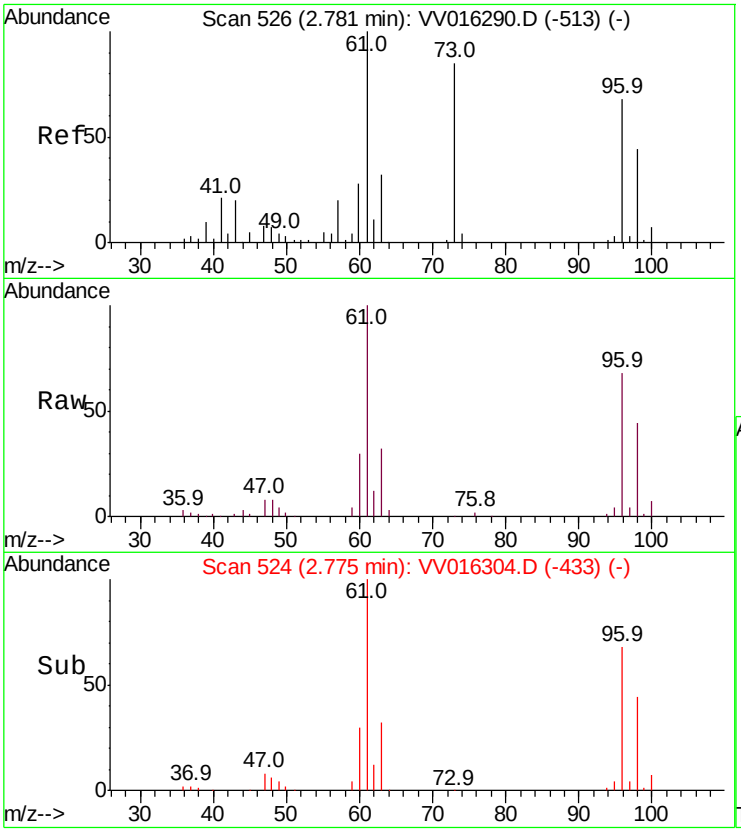


#14
Carbon disulfide
Concen: 0.115 ug/L
RT: 2.31 min Scan# 378
Delta R.T. -0.01 min
Lab File: VV016304.D
Acq: 29 May 2020 03:07

Tgt Ion: 76 Resp: 2082

Ion	Ratio	Lower	Upper
76	100		
78	8.6	7.4	11.0

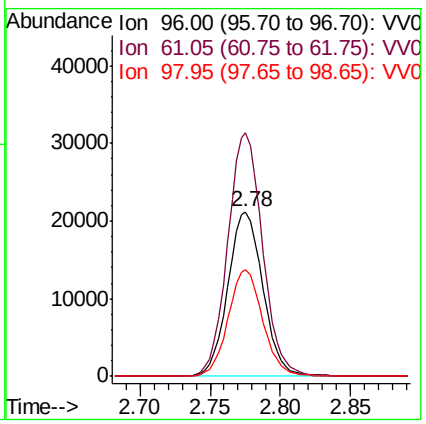




#18
trans-1,2-Dichloroethene
Concen: 5.790 ug/L
RT: 2.78 min Scan# 524
Delta R.T. -0.01 min
Lab File: VV016304.D
Acq: 29 May 2020 03:07

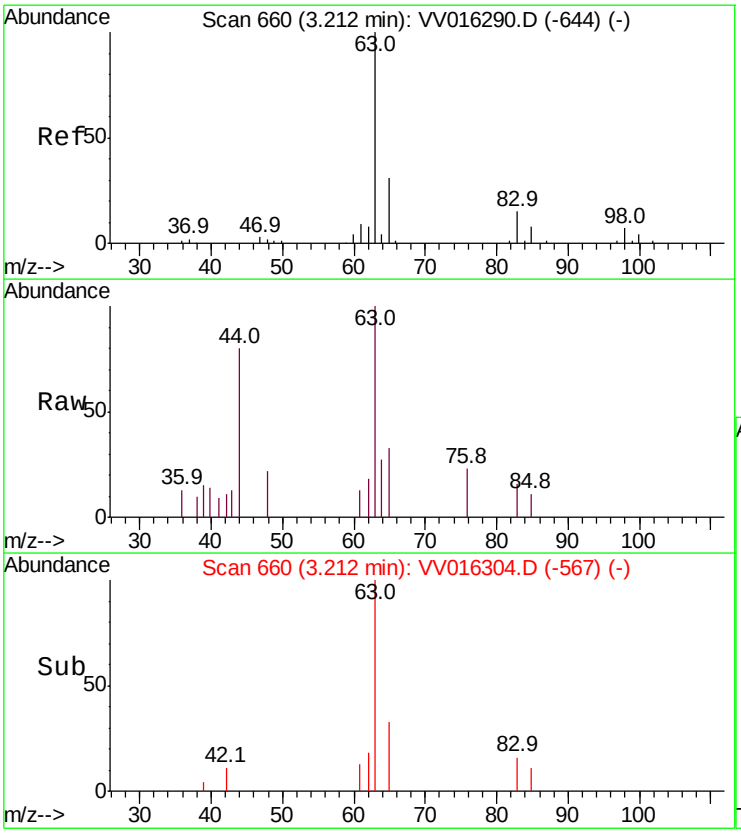
Tgt Ion: 96 Resp: 36843

Ion	Ratio	Lower	Upper
96	100		
61	147.9	99.8	185.4
98	65.1	44.0	81.6



Instrument :
MSVOA_V
ClientSampleId :
F9B11

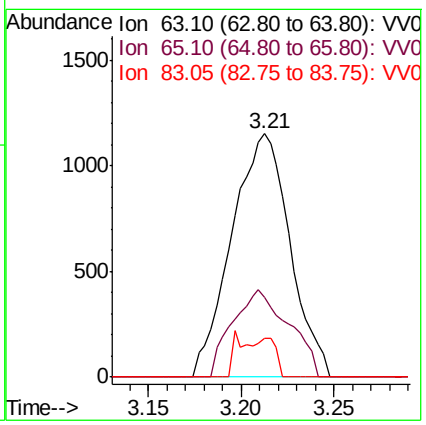
Manual Integrations APPROVED
MMDadoda
5/29/2020 4:26:54 PM

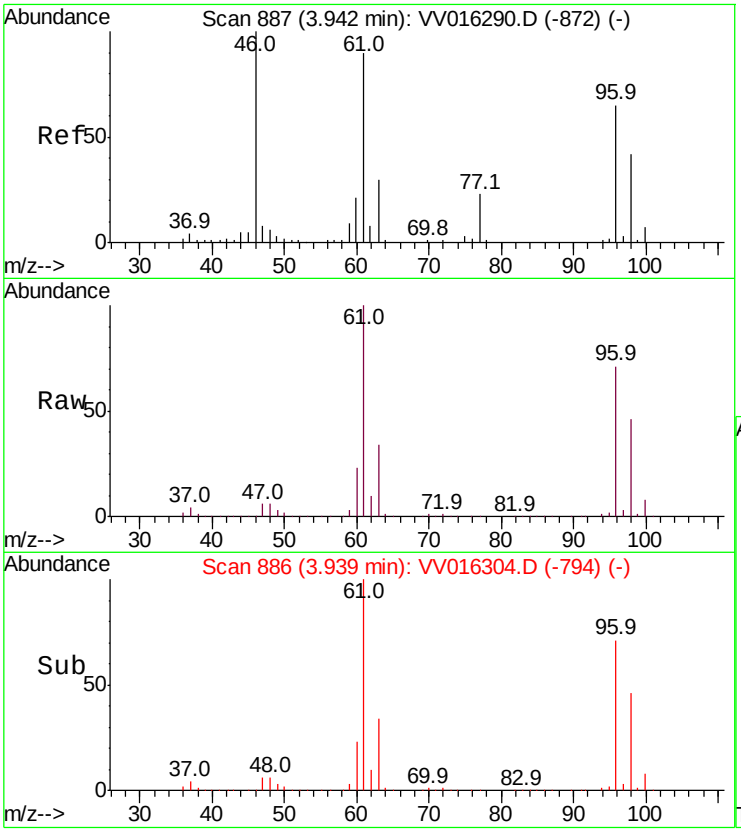


#19
1,1-Dichloroethane
Concen: 0.208 ug/L
RT: 3.21 min Scan# 660
Delta R.T. 0.00 min
Lab File: VV016304.D
Acq: 29 May 2020 03:07

Tgt Ion: 63 Resp: 2515

Ion	Ratio	Lower	Upper
63	100		
65	33.0	22.3	41.5
83	16.0	9.4	17.4

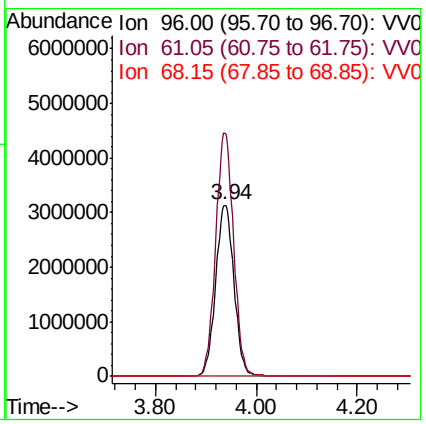




#22
cis-1,2-Dichloroethene
Concen: 1052.095 ug/L
RT: 3.94 min Scan# 886
Delta R.T. -0.00 min
Lab File: VV016304.D
Acq: 29 May 2020 03:07

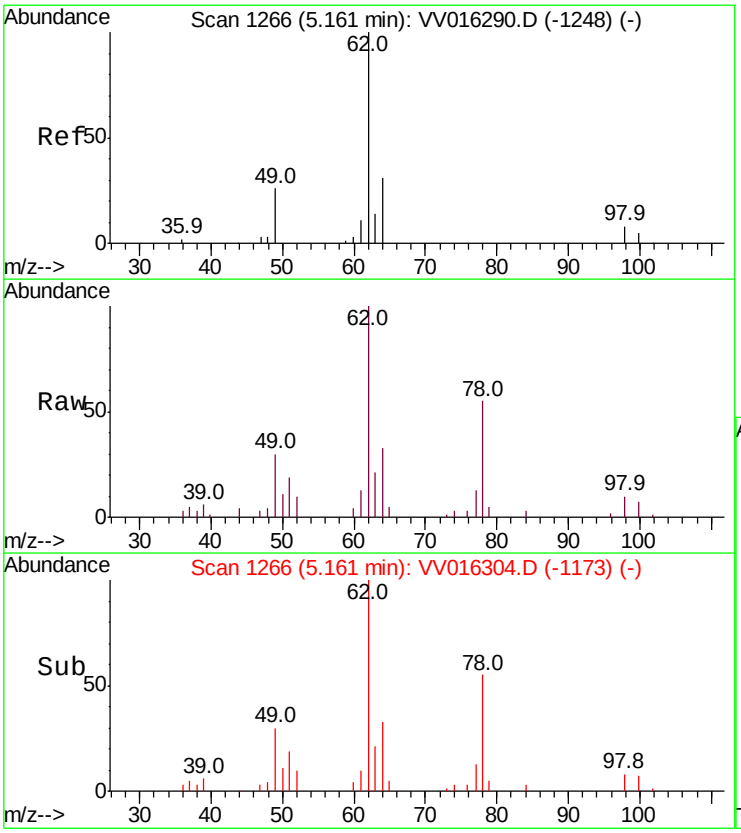
Tgt Ion: 96 Resp: 7918446

Ion	Ratio	Lower	Upper
96	100		
61	141.8	99.7	185.1
68	0.0	0.0	0.0



Instrument :
MSVOA_V
ClientSampleId :
F9B11

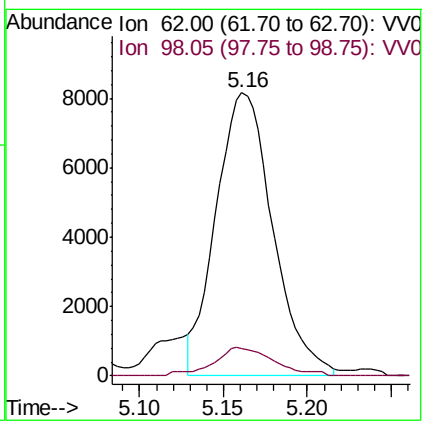
Manual Integrations APPROVED
MMDadoda
5/29/2020 4:26:54 PM

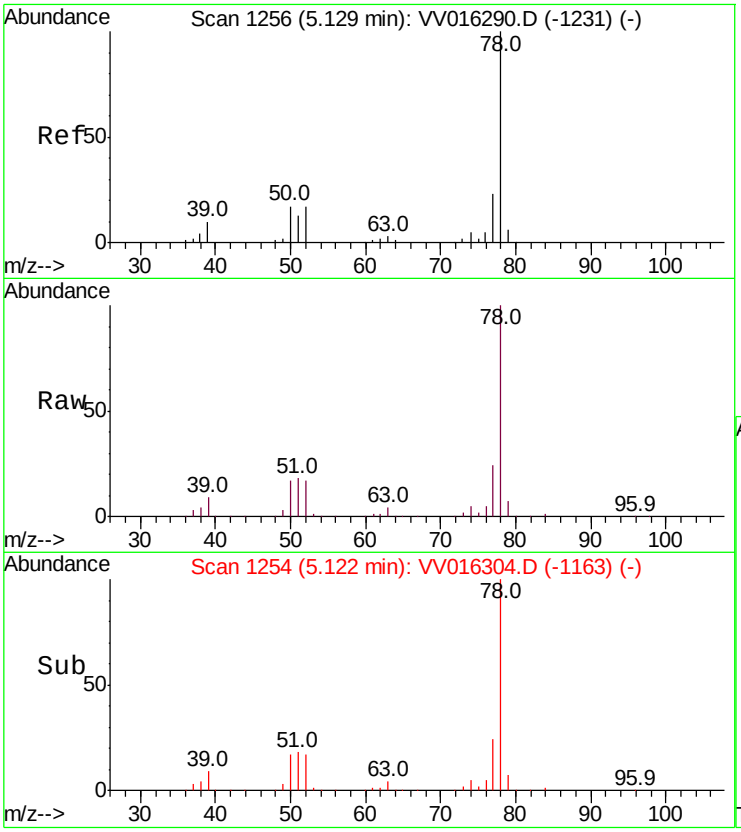


#27
1,2-Dichloroethane
Concen: 2.297 ug/L m
RT: 5.16 min Scan# 1266
Delta R.T. 0.00 min
Lab File: VV016304.D
Acq: 29 May 2020 03:07

Tgt Ion: 62 Resp: 19212

Ion	Ratio	Lower	Upper
62	100		
98	9.6	5.7	8.5#



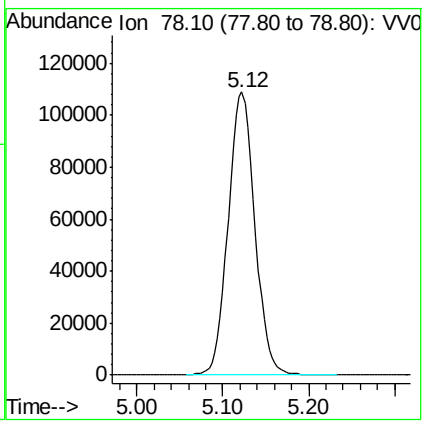


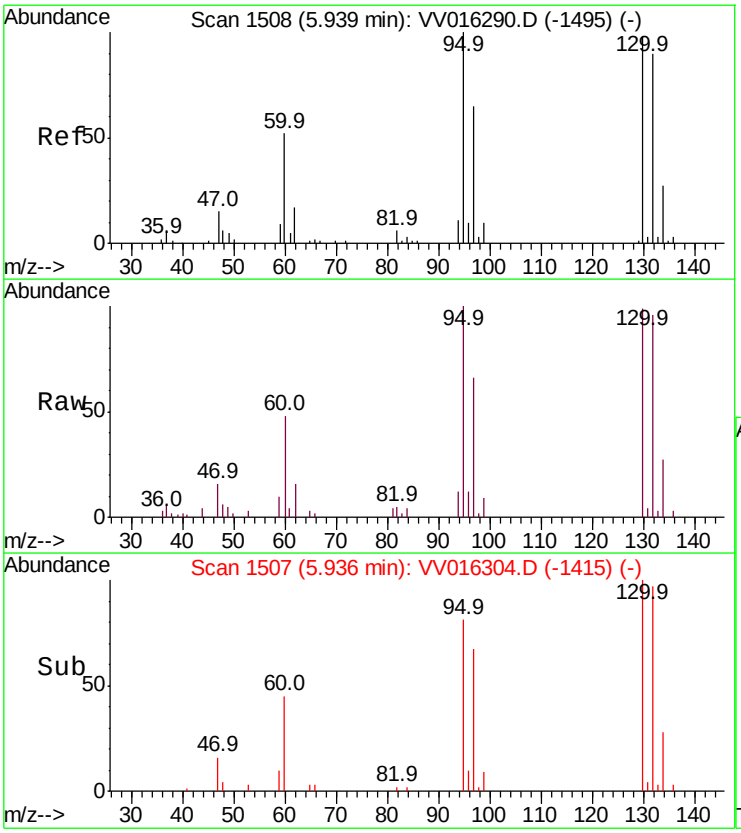
#33
Benzene
Concen: 8.556 ug/L
RT: 5.12 min Scan# 1254
Delta R.T. -0.01 min
Lab File: VV016304.D
Acq: 29 May 2020 03:07

Tgt Ion: 78 Resp: 233697

Instrument :
MSVOA_V
ClientSampleId :
F9B11

Manual Integrations APPROVED
MMDadoda
5/29/2020 4:26:54 PM

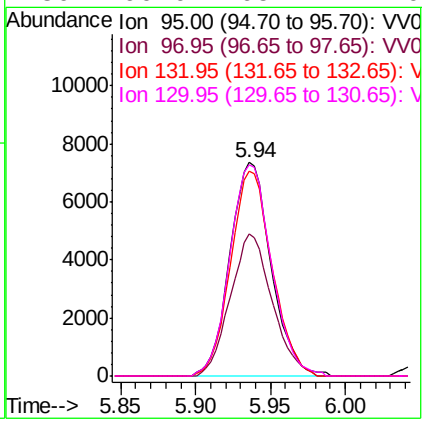


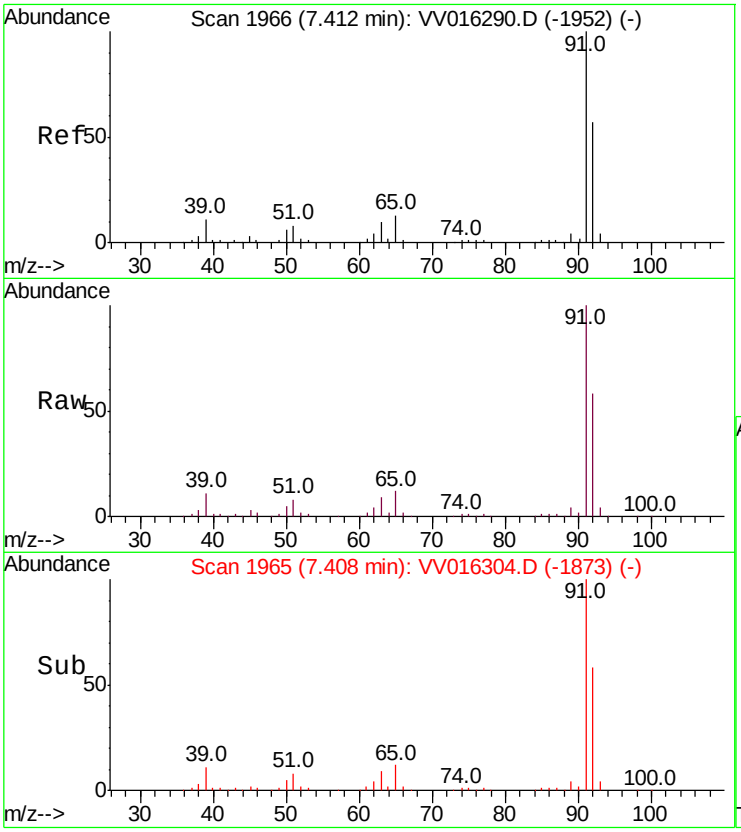


#34
Trichloroethene
Concen: 1.981 ug/L
RT: 5.94 min Scan# 1507
Delta R.T. -0.00 min
Lab File: VV016304.D
Acq: 29 May 2020 03:07

Tgt Ion: 95 Resp: 14096

Ion	Ratio	Lower	Upper
95	100		
97	66.3	43.6	81.0
132	95.9	63.9	118.7
130	99.0	65.2	121.0





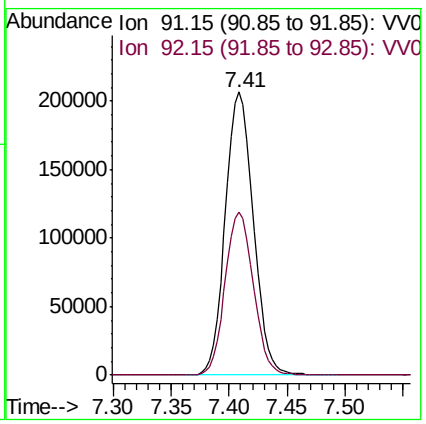
#42
Toluene
Concen: 11.650 ug/L
RT: 7.41 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VV016304.D
Acq: 29 May 2020 03:07

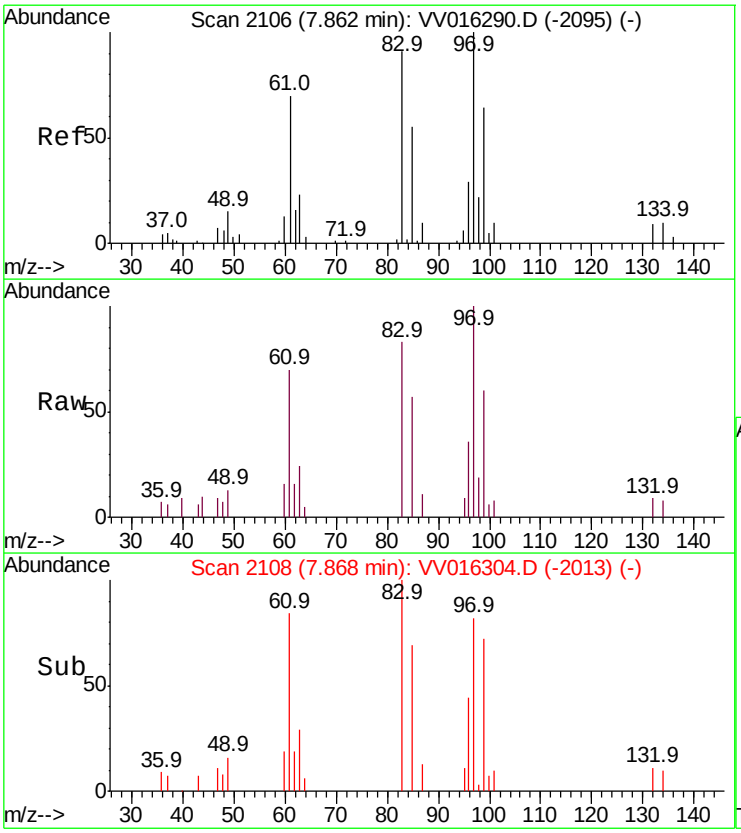
Tgt Ion: 91 Resp: 347023

Ion	Ratio	Lower	Upper
91	100		
92	57.7	40.9	76.0

Instrument :
MSVOA_V
ClientSampleId :
F9B11

Manual Integrations APPROVED
MMDadoda
5/29/2020 4:26:54 PM

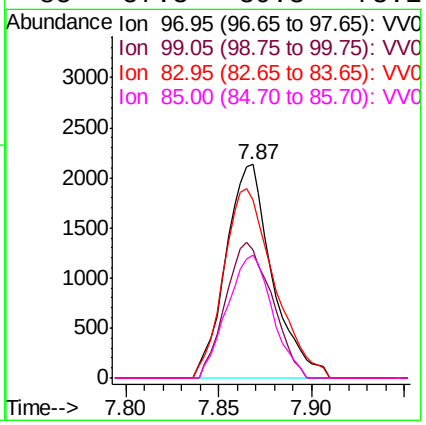


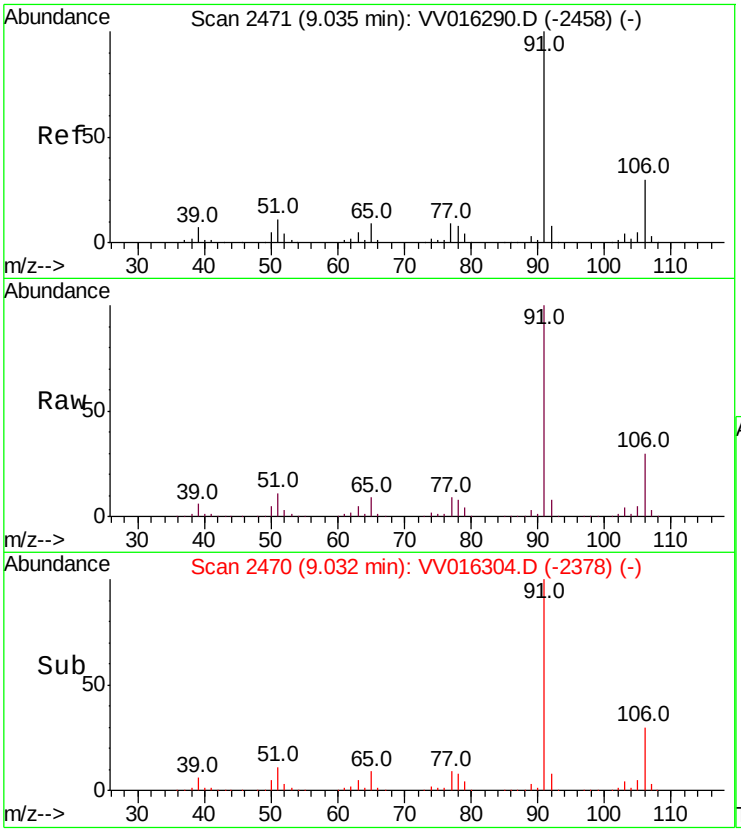


#47
1,1,2-Trichloroethane
Concen: 0.840 ug/L
RT: 7.87 min Scan# 2108
Delta R.T. 0.01 min
Lab File: VV016304.D
Acq: 29 May 2020 03:07

Tgt Ion: 97 Resp: 3703

Ion	Ratio	Lower	Upper
97	100		
99	59.8	40.8	75.8
83	83.4	60.0	111.4
85	57.3	39.3	73.1

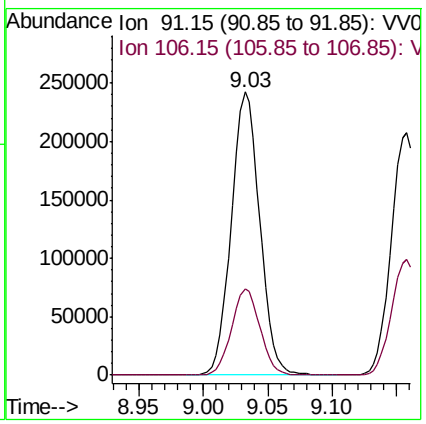




#54
Ethylbenzene
Concen: 11.184 ug/L
RT: 9.03 min Scan# 2470
Delta R.T. -0.00 min
Lab File: VV016304.D
Acq: 29 May 2020 03:07

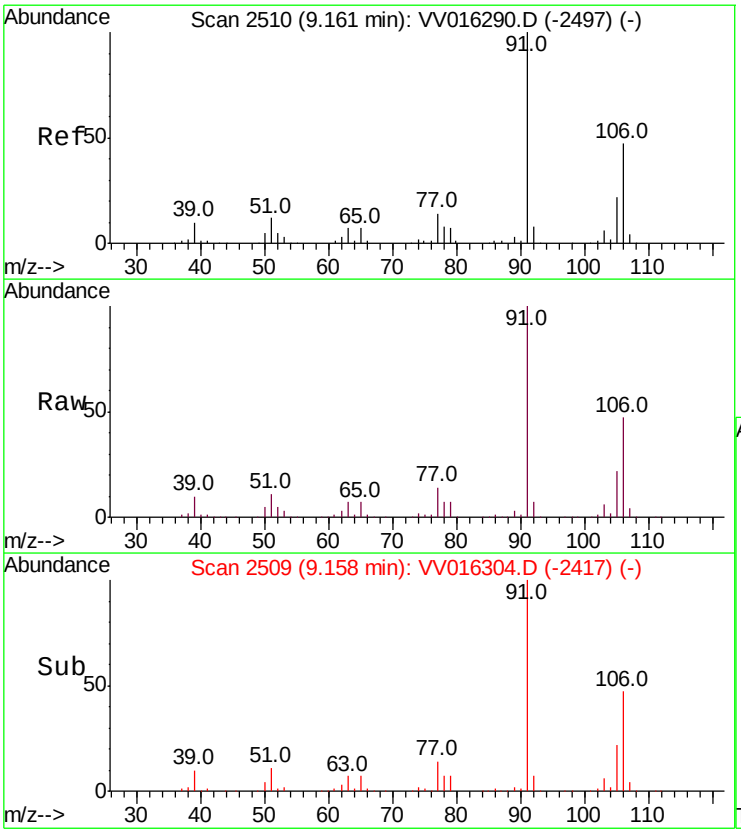
Tgt Ion: 91 Resp: 371341

Ion	Ratio	Lower	Upper
91	100		
106	30.3	21.0	39.0



Instrument :
MSVOA_V
ClientSampleId :
F9B11

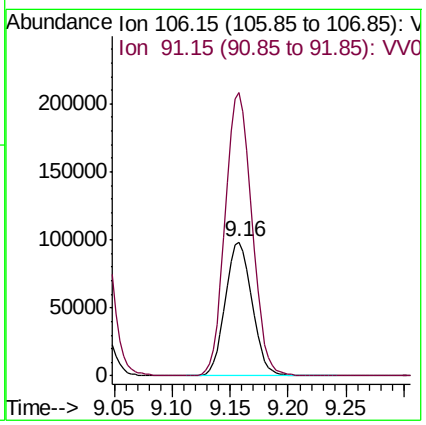
Manual Integrations APPROVED
MMDadoda
5/29/2020 4:26:54 PM

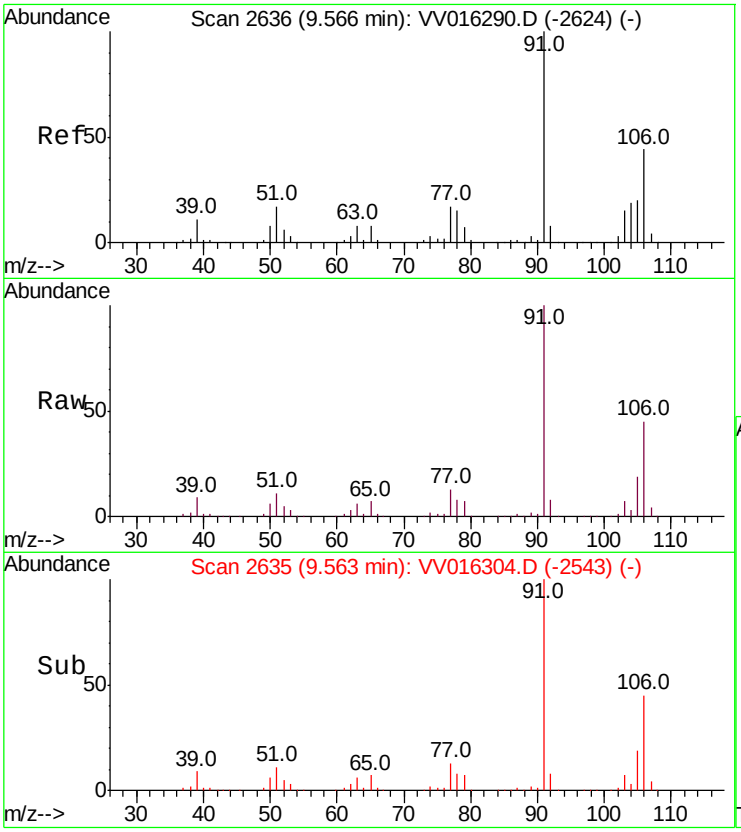


#55
m,p-xylene
Concen: 12.577 ug/L
RT: 9.16 min Scan# 2509
Delta R.T. -0.00 min
Lab File: VV016304.D
Acq: 29 May 2020 03:07

Tgt Ion:106 Resp: 156597

Ion	Ratio	Lower	Upper
106	100		
91	210.8	148.1	275.0

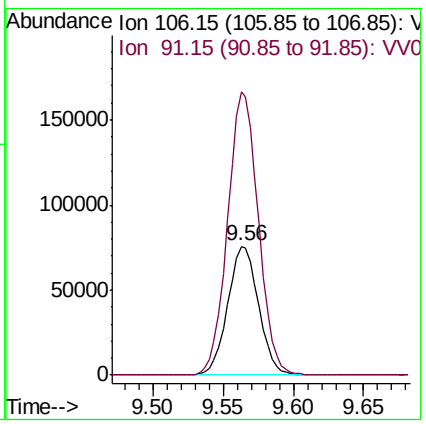




#56
o-xylene
Concen: 9.749 ug/L
RT: 9.56 min Scan# 2635
Delta R.T. -0.00 min
Lab File: VV016304.D
Acq: 29 May 2020 03:07

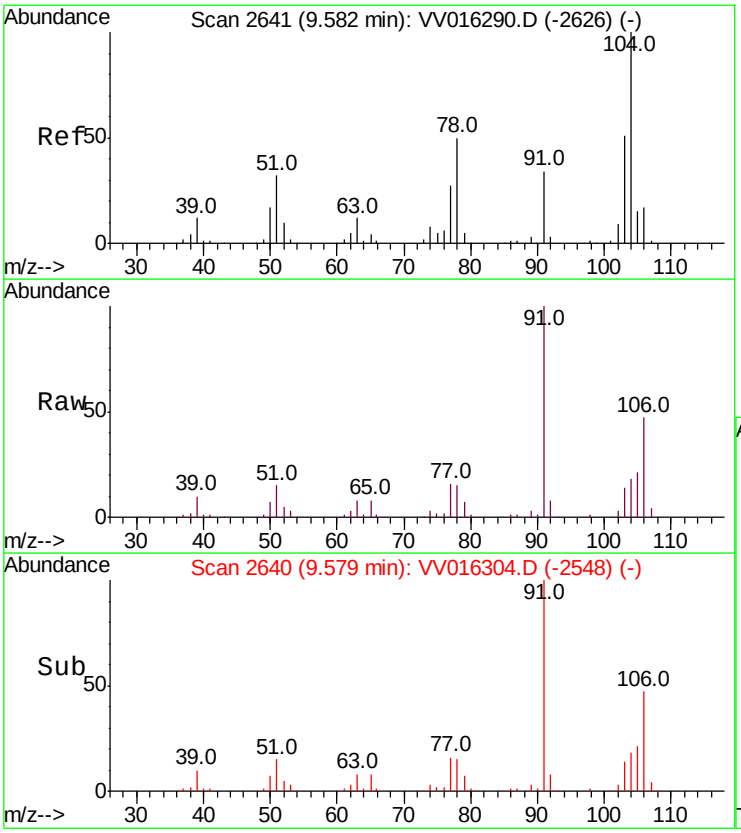
Tgt Ion:106 Resp: 115672

Ion	Ratio	Lower	Upper
106	100		
91	220.1	158.8	294.8



Instrument :
MSVOA_V
ClientSampleId :
F9B11

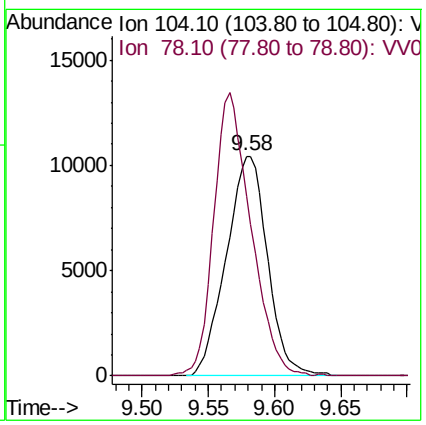
Manual Integrations APPROVED
MMDadoda
5/29/2020 4:26:54 PM

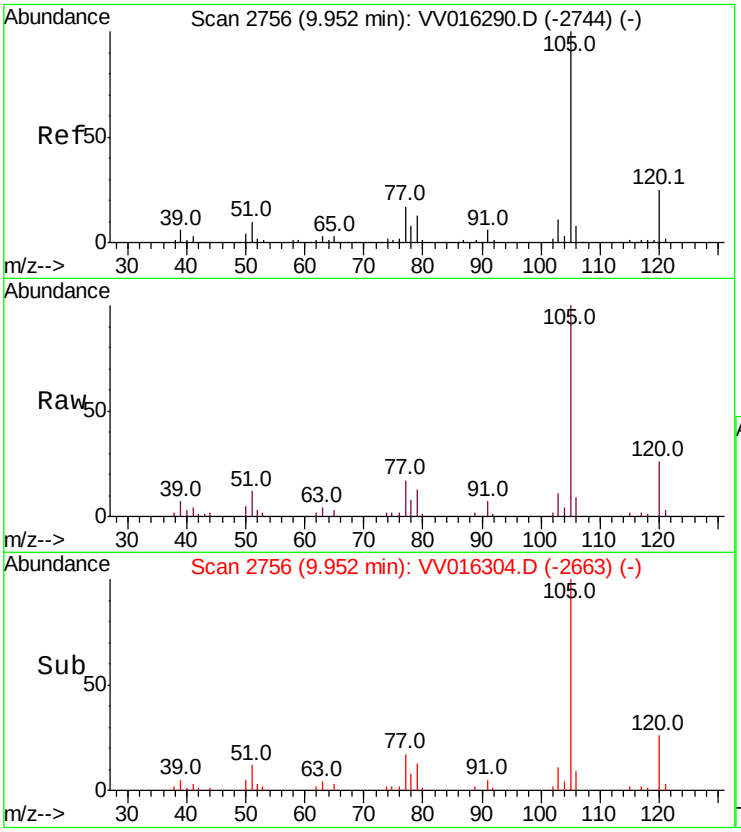


#57
Styrene
Concen: 1.142 ug/L
RT: 9.58 min Scan# 2640
Delta R.T. -0.00 min
Lab File: VV016304.D
Acq: 29 May 2020 03:07

Tgt Ion:104 Resp: 22542

Ion	Ratio	Lower	Upper
104	100		
78	82.0	33.2	61.7#

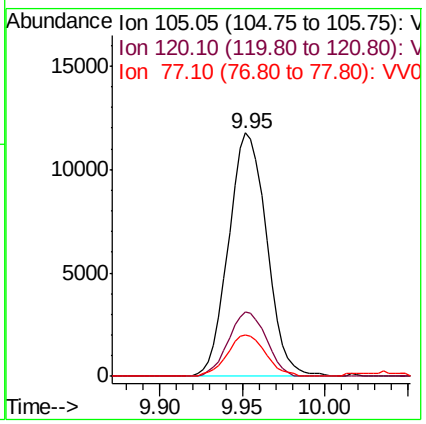




#58
Isopropylbenzene
Concen: 0.579 ug/L
RT: 9.95 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VV016304.D
Acq: 29 May 2020 03:07

Tgt Ion:105 Resp: 18833

Ion	Ratio	Lower	Upper
105	100		
120	26.1	20.9	31.3
77	17.1	13.9	20.9



Instrument :
MSVOA_V
ClientSampleId :
F9B11

Manual Integrations APPROVED
MMDadoda
5/29/2020 4:26:54 PM