Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061220\
Data File : VV016910.D
Acq On : 13 Jun 2020 04:29
Operator : SY/MD
Sample : L2990-12
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : E3YG8

Manual Integrations APPROVED
MMDadoda
6/15/2020 12:23:07 PM

Quant Time: Jun 15 01:41:42 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 13 06:09:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.65	114	360409	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.88	117	335471	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	175835	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	105465	41.47	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 82.94%			
7) Chloroethane-d5	1.57	69	62419	40.90	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 81.80%			
11) 1,1-Dichloroethene-d2	2.12	63	147938	34.64	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 69.28%			
21) 2-Butanone-d5	3.90	46	179804	95.53	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 95.53%			
24) Chloroform-d	4.38	84	232893	45.04	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.08%			
26) 1,2-Dichloroethane-d4	5.06	65	170118	48.37	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.74%			
32) Benzene-d6	5.08	84	448338	46.36	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.72%			
36) 1,2-Dichloropropane-d6	6.10	67	141260	46.86	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 93.72%			
41) Toluene-d8	7.39	98	416143	46.89	ug/L	0.05
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.78%			
43) trans-1,3-Dichloropropene-	7.66	79	62272	39.66	ug/L	0.02
Spiked Amount 50.000	Range 60 - 125		Recovery = 79.32%			
47) 2-Hexanone-d5	8.12	63	116666	88.77	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 88.77%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	170763	42.79	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 85.58%			
64) 1,2-Dichlorobenzene-d4	11.65	152	177369	47.27	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.54%			
Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	11352	4.418	ug/L #	76
13) Acetone	2.18	43	3308	2.667	ug/L	95
15) Methyl Acetate	2.44	43	29569	10.697	ug/L	100
19) 1,1-Dichloroethane	3.21	63	29227	6.366	ug/L	97
20) cis-1,2-Dichloroethene	3.94	96	85518m	32.162	ug/L	
29) Cyclohexane	4.70	56	480756	115.324	ug/L	97
30) 1,1,1-Trichloroethane	4.63	97	4259m	0.996	ug/L	
34) Trichloroethene	5.95	95	2278	0.856	ug/L #	82
35) Methylcyclohexane	6.16	83	2668283	638.937	ug/L	97
42) Toluene	7.41	91	79061467m	7555.951	ug/L	
52) Ethylbenzene	9.04	91	30654452m	2644.981	ug/L	
53) m,p-Xylene	9.18	106	39215529m	9087.761	ug/L	
54) o-xylene	9.59	106	17912324m	4208.842	ug/L	
56) Isopropylbenzene	9.96	105	1115854	97.578	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	28110	5.037	ug/L	95

Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061220\
Data File : VV016910.D
Acq On : 13 Jun 2020 04:29
Operator : SY/MD
Sample : L2990-12
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E3YG8

Manual Integrations APPROVED
MMDadoda
6/15/2020 12:23:07 PM

Quant Time: Jun 15 01:41:42 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 13 06:09:05 2020
Response via : Initial Calibration

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

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061220\
Data File : VV016910.D
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Operator : SY/MD
Sample : L2990-12
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Instrument :
MSVOA_V
ClientSampleId :
E3YG8

Manual Integrations APPROVED
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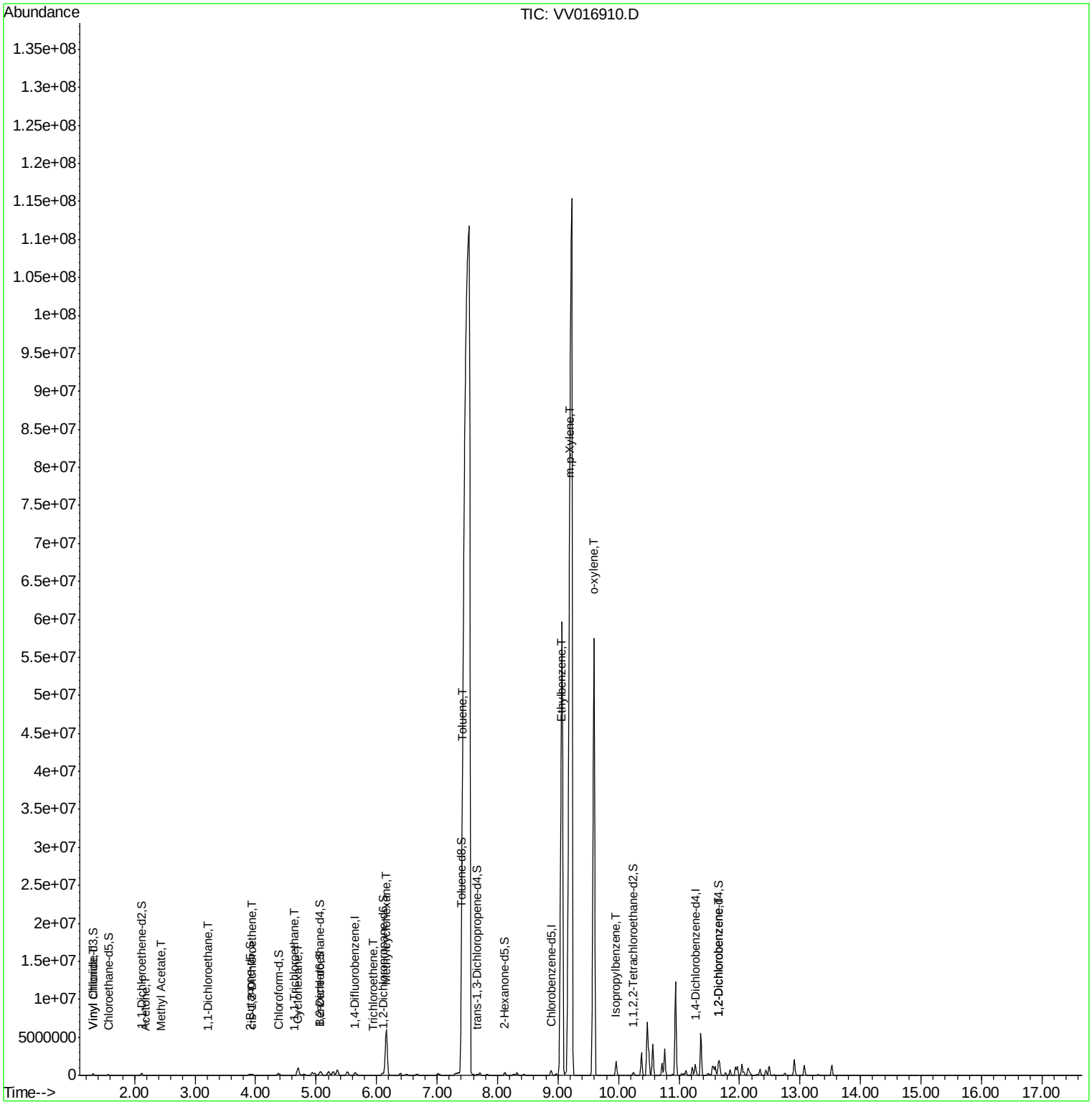
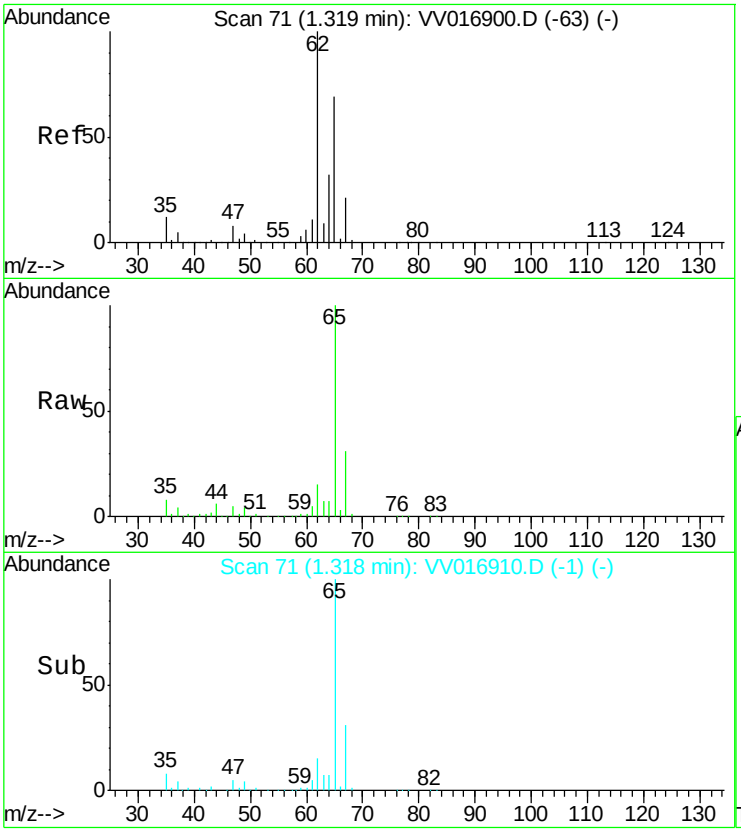
6/15/2020 12:23:07 PM





#5
Vinyl chloride
Concen: 4.418 ug/L
RT: 1.32 min Scan# 71
Delta R.T. -0.00 min
Lab File: VV016910.D
Acq: 13 Jun 2020 04:29

Tgt Ion: 62 Resp: 11352

Ion	Ratio	Lower	Upper
62	100		
64	45.4	22.3	41.5#

Instrument :
MSVOA_V
ClientSampleId :
E3YG8

Manual Integrations APPROVED
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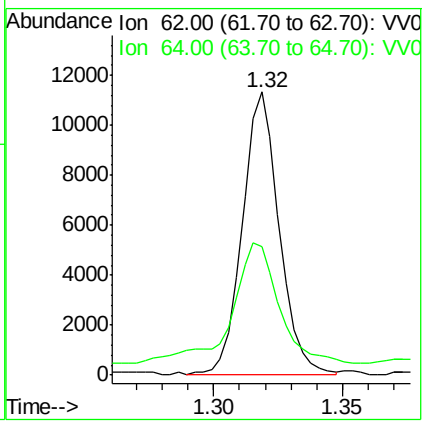
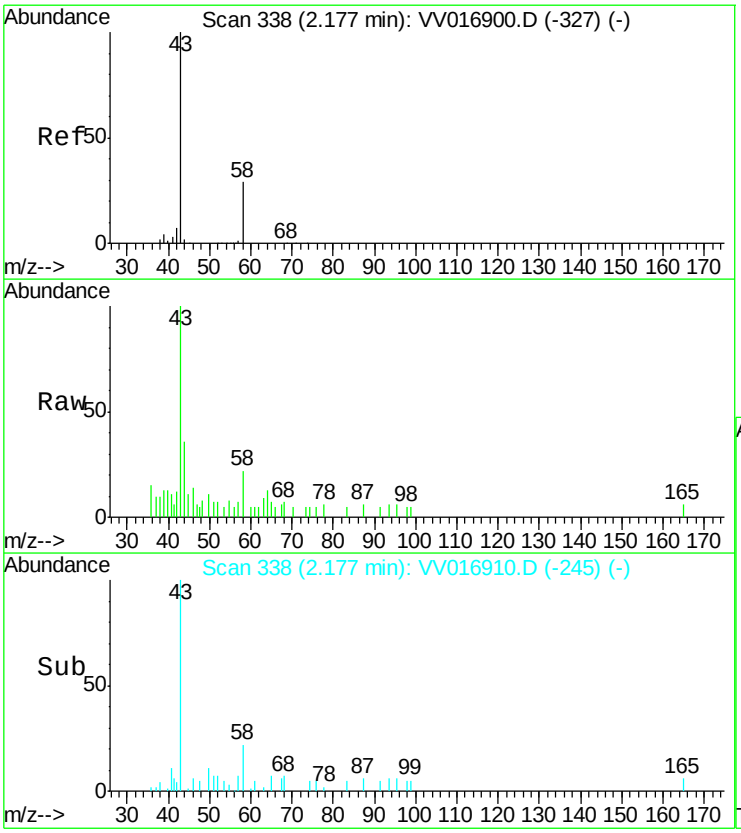
6/15/2020 12:23:07 PM

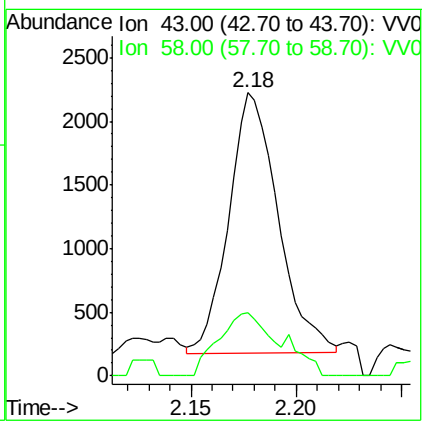


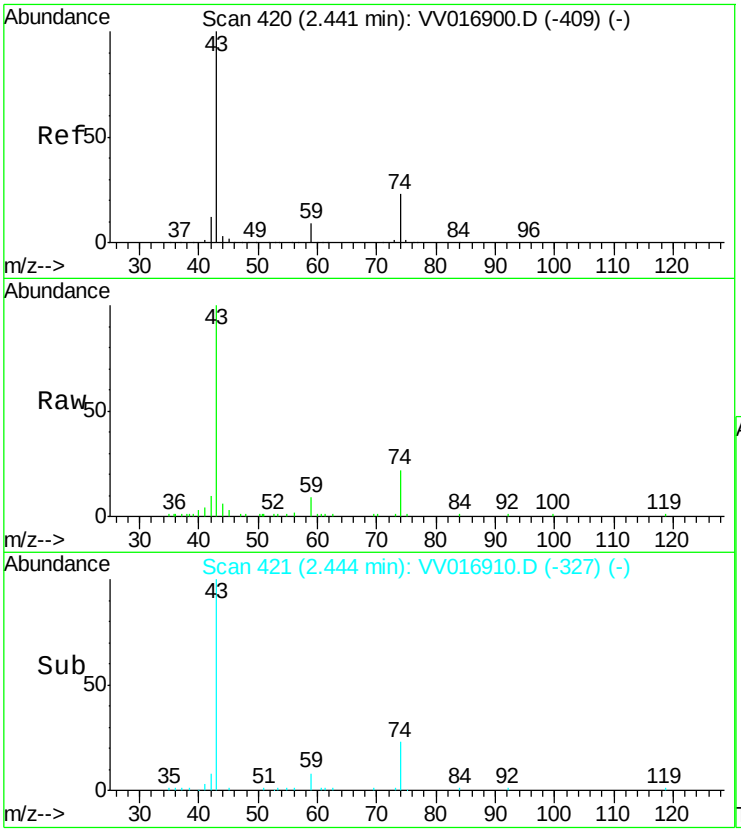


#13
Acetone
Concen: 2.667 ug/L
RT: 2.18 min Scan# 338
Delta R.T. -0.00 min
Lab File: VV016910.D
Acq: 13 Jun 2020 04:29

Tgt Ion: 43 Resp: 3308

Ion	Ratio	Lower	Upper
43	100		
58	25.1	0.0	55.2





#15
Methyl Acetate
Concen: 10.697 ug/L
RT: 2.44 min Scan# 421
Delta R.T. 0.00 min
Lab File: VV016910.D
Acq: 13 Jun 2020 04:29

Tgt Ion: 43 Resp: 29569

Ion	Ratio	Lower	Upper
43	100		
74	22.5	17.9	26.9

Instrument :
MSVOA_V
ClientSampleId :
E3YG8

Manual Integrations APPROVED
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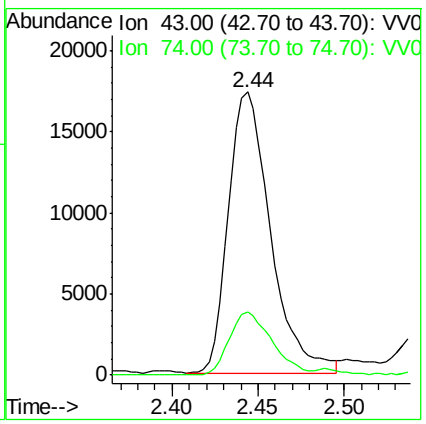
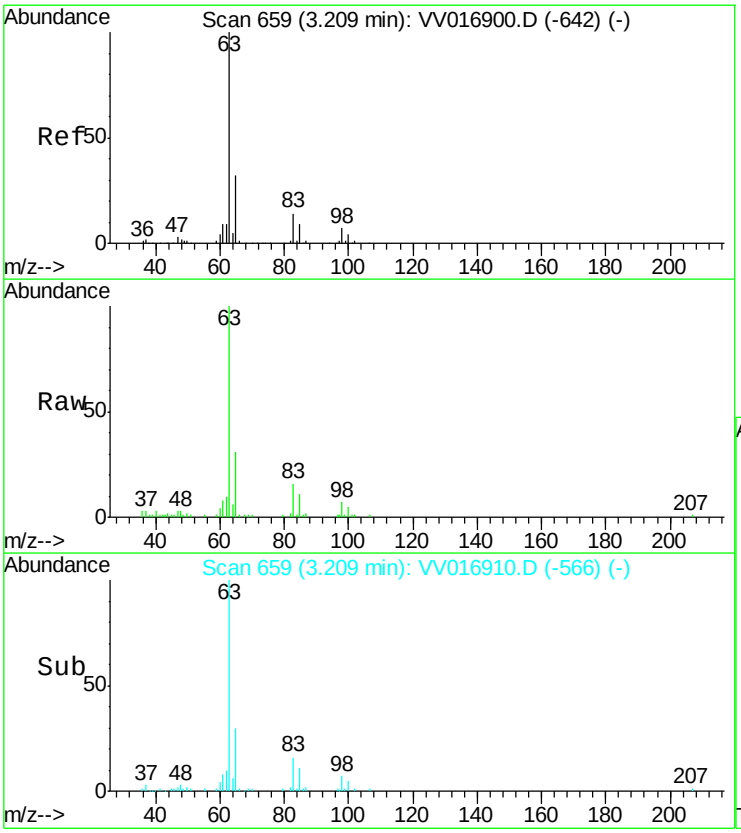
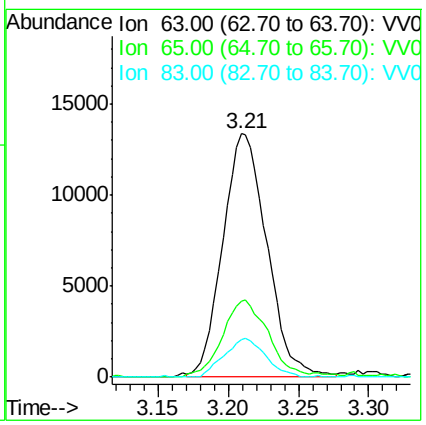


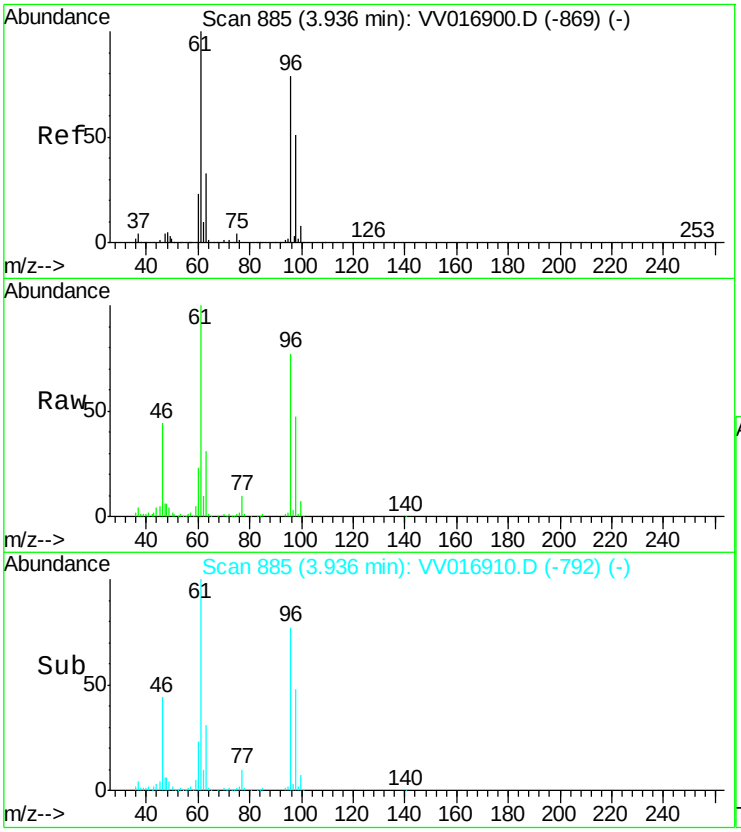


#19
1,1-Dichloroethane
Concen: 6.366 ug/L
RT: 3.21 min Scan# 659
Delta R.T. -0.00 min
Lab File: VV016910.D
Acq: 13 Jun 2020 04:29

Tgt Ion: 63 Resp: 29227

Ion	Ratio	Lower	Upper
63	100		
65	31.2	23.2	43.0
83	15.5	10.0	18.6

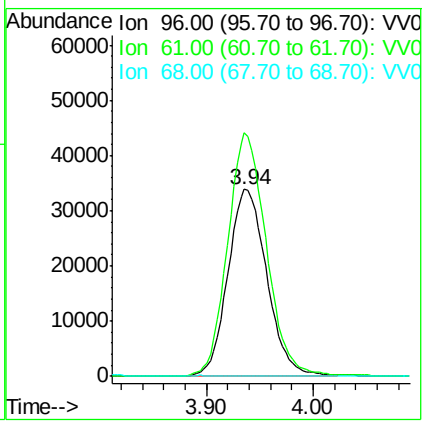




#20
cis-1,2-Dichloroethene
Concen: 32.162 ug/L m
RT: 3.94 min Scan# 885
Delta R.T. -0.00 min
Lab File: VV016910.D
Acq: 13 Jun 2020 04:29

Tgt Ion: 96 Resp: 85518

Ion	Ratio	Lower	Upper
96	100		
61	130.1	93.4	173.4
68	0.3	0.0	0.0#



Instrument :
MSVOA_V
ClientSampleId :
E3YG8

Manual Integrations APPROVED
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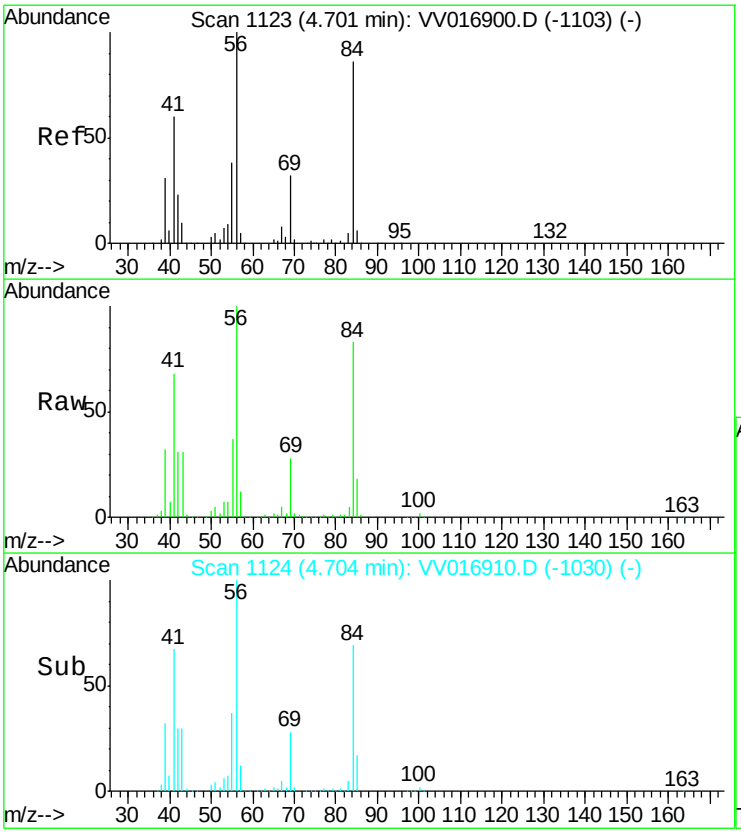
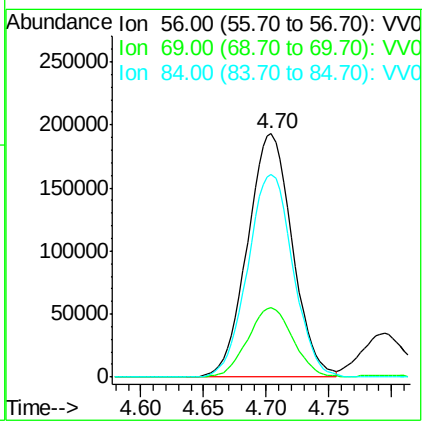
6/15/2020 12:23:07 PM

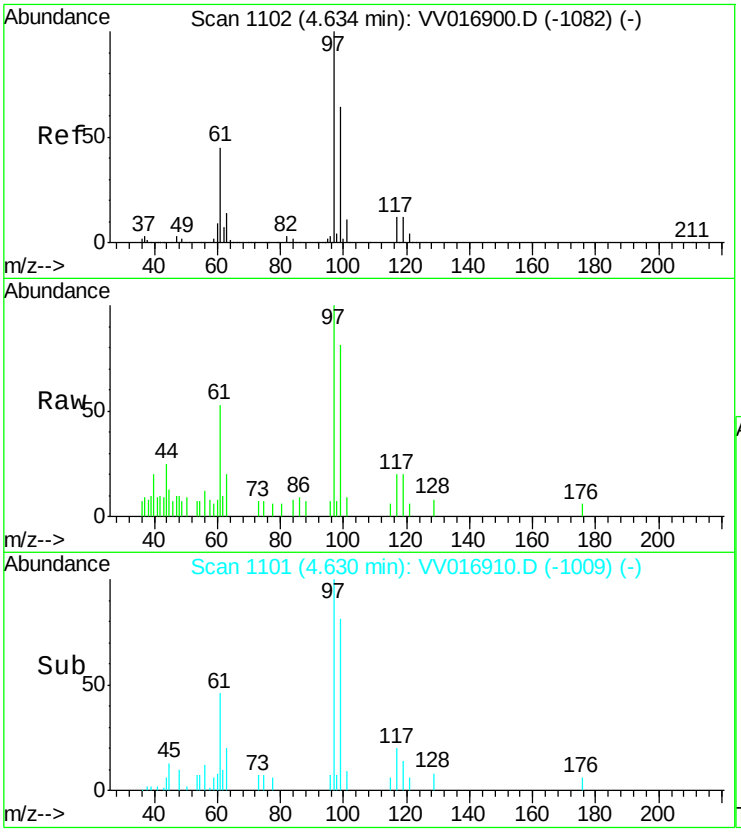


#29
Cyclohexane
Concen: 115.324 ug/L
RT: 4.70 min Scan# 1124
Delta R.T. 0.00 min
Lab File: VV016910.D
Acq: 13 Jun 2020 04:29

Tgt Ion: 56 Resp: 480756

Ion	Ratio	Lower	Upper
56	100		
69	28.8	25.0	37.4
84	83.9	69.5	104.3

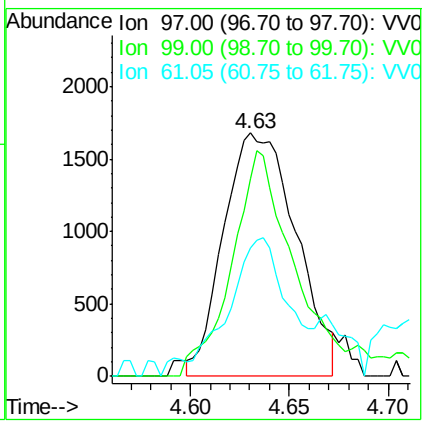




#30
1,1,1-Trichloroethane
Concen: 0.996 ug/L m
RT: 4.63 min Scan# 1101
Delta R.T. -0.00 min
Lab File: VV016910.D
Acq: 13 Jun 2020 04:29

Tgt Ion: 97 Resp: 4259

Ion	Ratio	Lower	Upper
97	100		
99	78.4	51.3	76.9#
61	45.3	36.7	55.1



Instrument :
MSVOA_V
ClientSampleId :
E3YG8

Manual Integrations APPROVED
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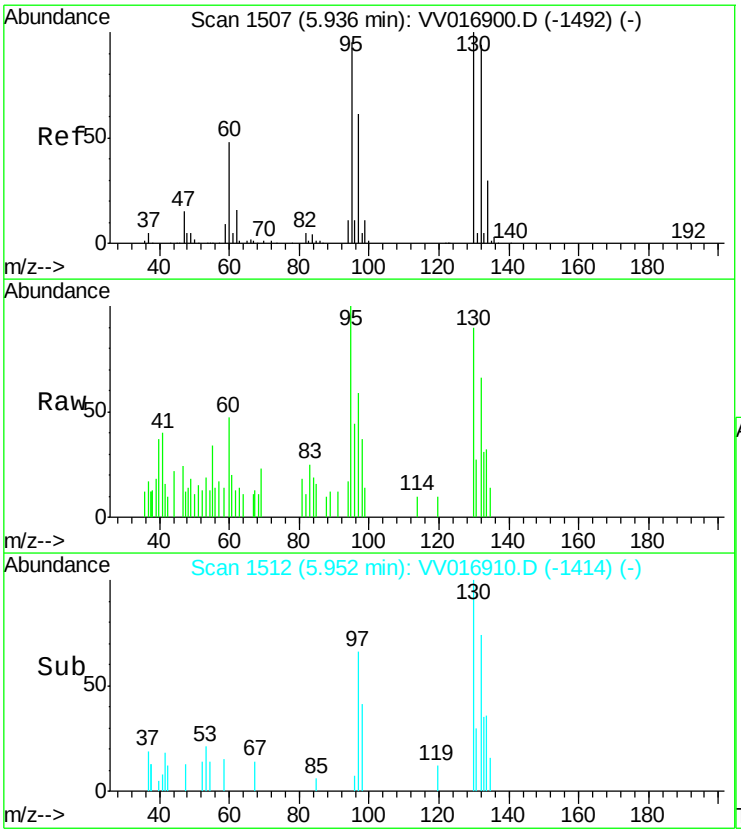
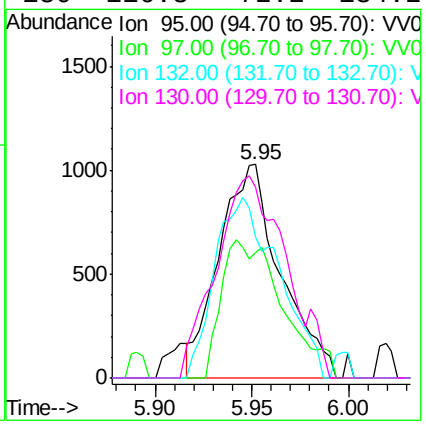
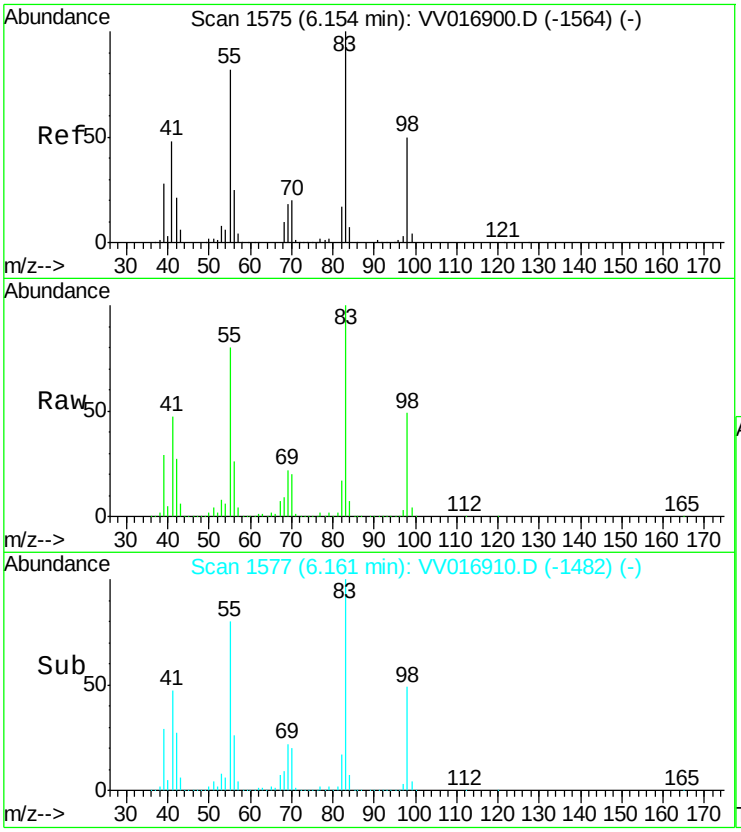


#34
Trichloroethene
Concen: 0.856 ug/L
RT: 5.95 min Scan# 1512
Delta R.T. 0.02 min
Lab File: VV016910.D
Acq: 13 Jun 2020 04:29

Tgt Ion: 95 Resp: 2278

Ion	Ratio	Lower	Upper
95	100		
97	58.8	44.3	82.3
132	66.0	67.9	126.1#
130	116.3	72.2	134.2

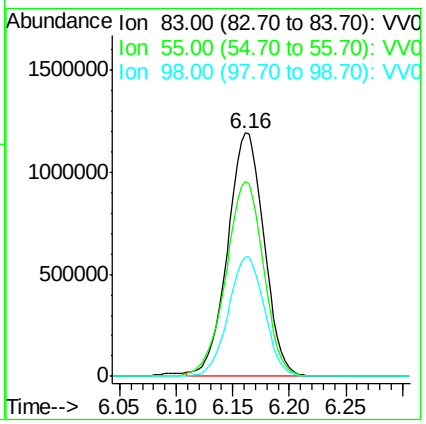




#35
Methylcyclohexane
Concen: 638.937 ug/L
RT: 6.16 min Scan# 1577
Delta R.T. 0.01 min
Lab File: VV016910.D
Acq: 13 Jun 2020 04:29

Tgt Ion: 83 Resp: 2668283

Ion	Ratio	Lower	Upper
83	100		
55	82.9	64.2	96.2
98	48.7	40.3	60.5



Instrument :
MSVOA_V
ClientSampleId :
E3YG8

Manual Integrations APPROVED
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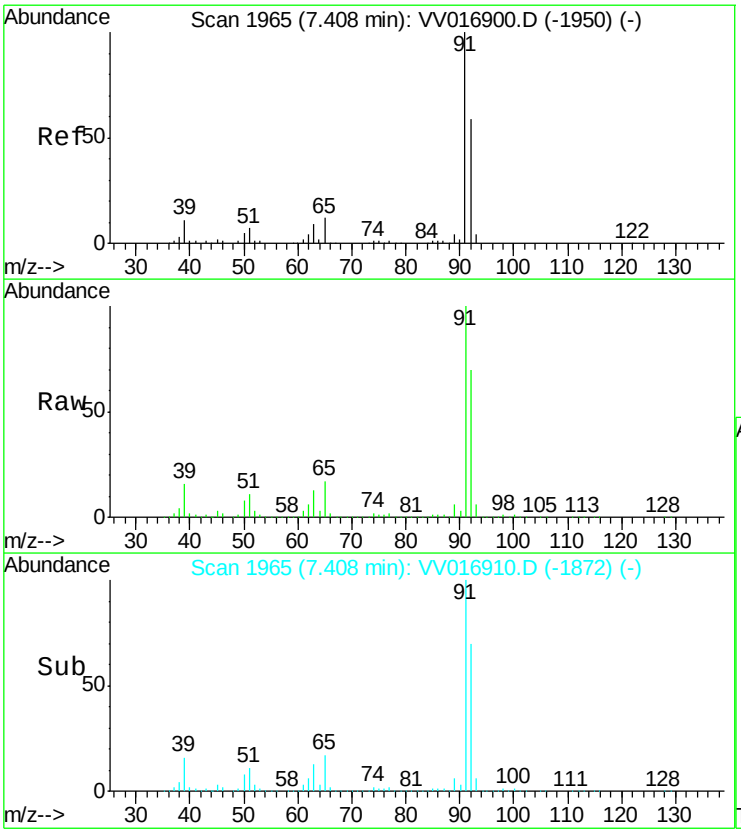
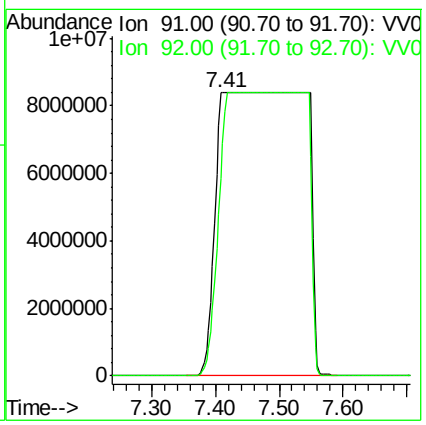
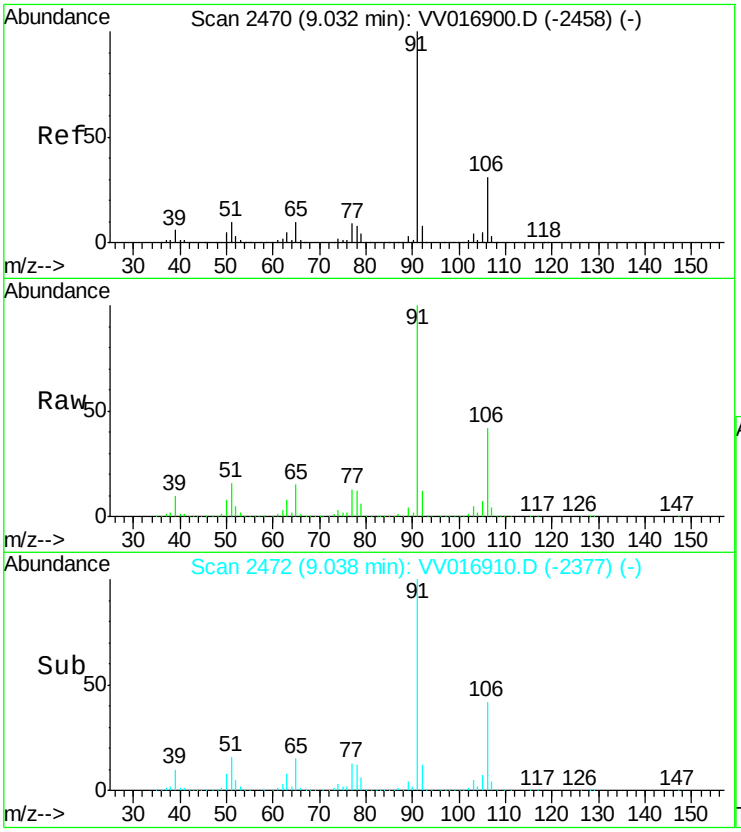


#42
Toluene
Concen: 7555.951 ug/L m
RT: 7.41 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VV016910.D
Acq: 13 Jun 2020 04:29

Tgt Ion: 91 Resp:79061467

Ion	Ratio	Lower	Upper
91	100		
92	69.9	40.4	75.0

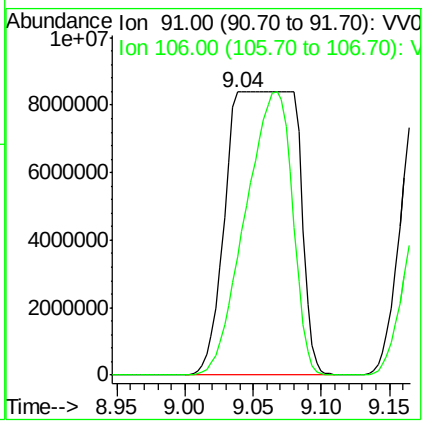




#52
Ethylbenzene
Concen: 2644.981 ug/L m
RT: 9.04 min Scan# 2472
Delta R.T. 0.01 min
Lab File: VV016910.D
Acq: 13 Jun 2020 04:29

Tgt Ion: 91 Resp:30654452

Ion	Ratio	Lower	Upper
91	100		
106	41.8	21.1	39.1#



Instrument :
MSVOA_V
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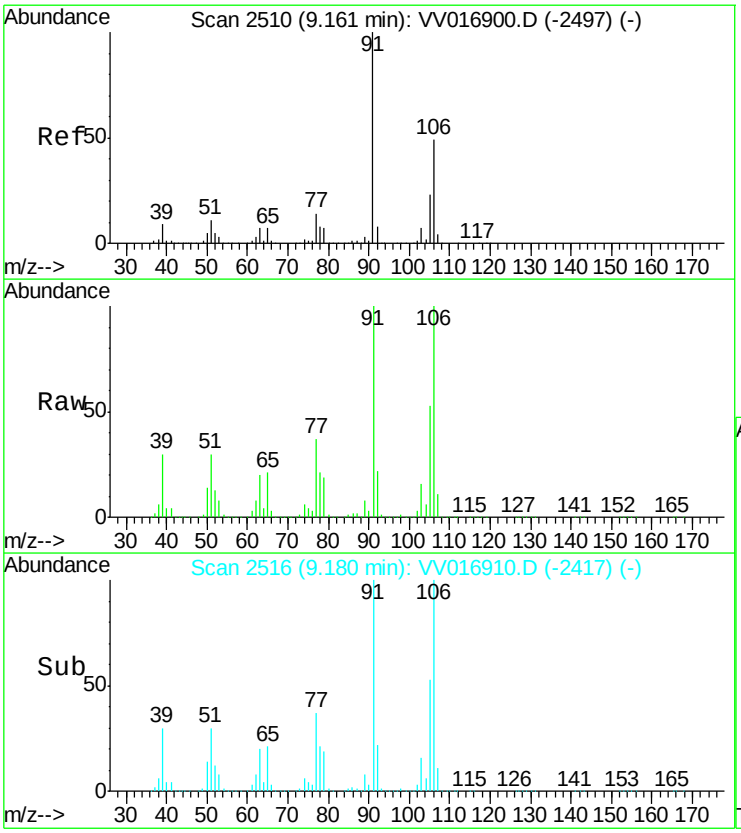
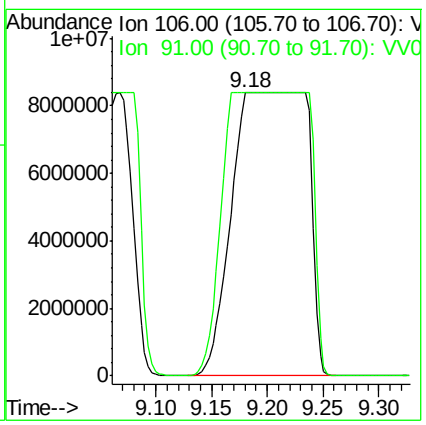
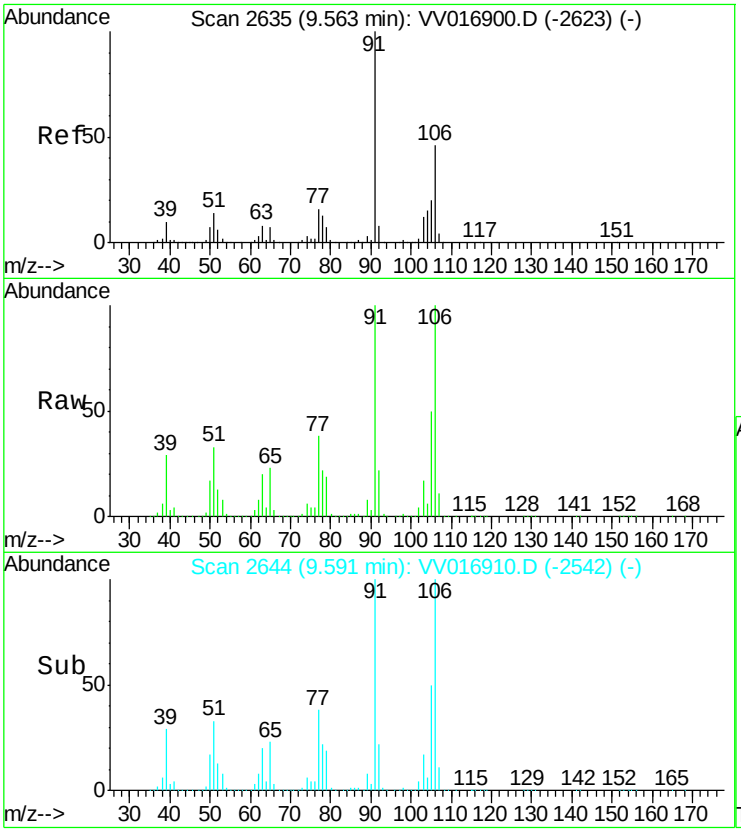


#53
m,p-Xylene
Concen: 9087.761 ug/L m
RT: 9.18 min Scan# 2516
Delta R.T. 0.02 min
Lab File: VV016910.D
Acq: 13 Jun 2020 04:29

Tgt Ion:106 Resp:39215529

Ion	Ratio	Lower	Upper
106	100		
91	100.0	144.6	268.6#

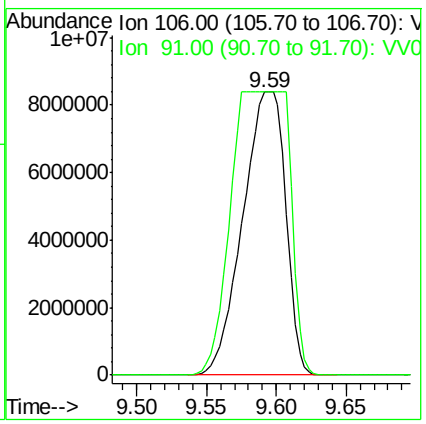




#54
o-xylene
Concen: 4208.842 ug/L m
RT: 9.59 min Scan# 2644
Delta R.T. 0.03 min
Lab File: VV016910.D
Acq: 13 Jun 2020 04:29

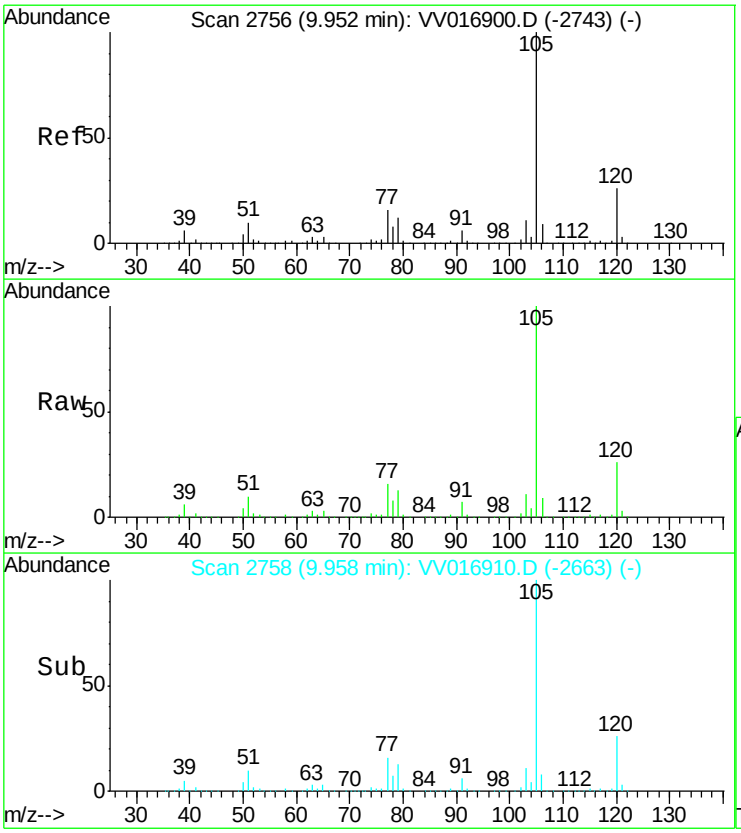
Tgt Ion:106 Resp:17912324

Ion	Ratio	Lower	Upper
106	100		
91	100.0	155.9	289.5#



Instrument :
MSVOA_V
ClientSampleId :
E3YG8

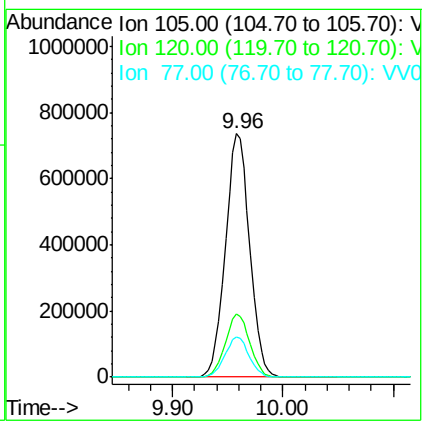
Manual Integrations APPROVED
MMDadoda
6/15/2020 12:23:07 PM

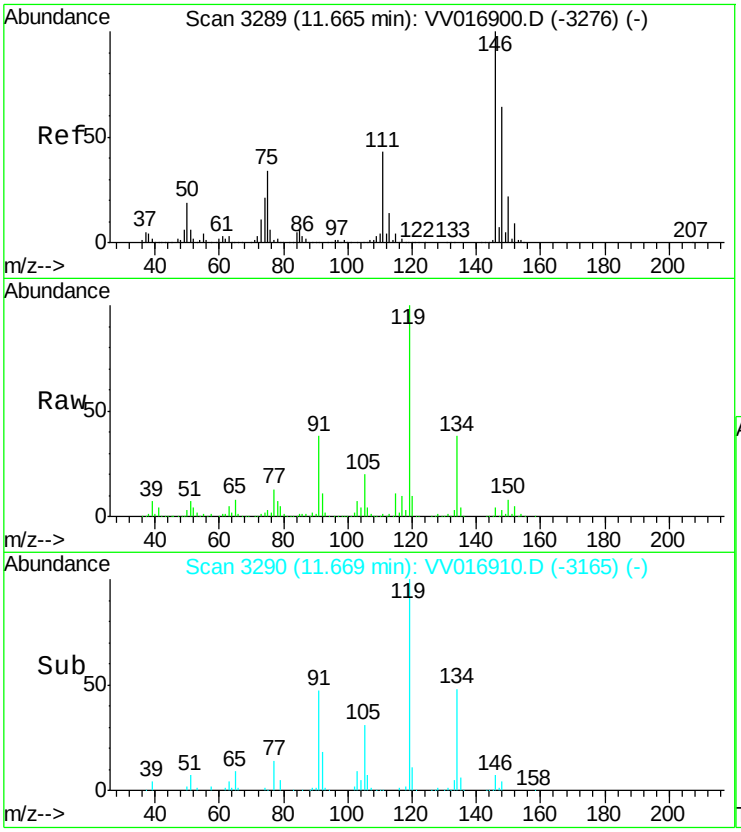


#56
Isopropylbenzene
Concen: 97.578 ug/L
RT: 9.96 min Scan# 2758
Delta R.T. 0.01 min
Lab File: VV016910.D
Acq: 13 Jun 2020 04:29

Tgt Ion:105 Resp: 1115854

Ion	Ratio	Lower	Upper
105	100		
120	26.1	21.2	31.8
77	16.4	13.0	19.4

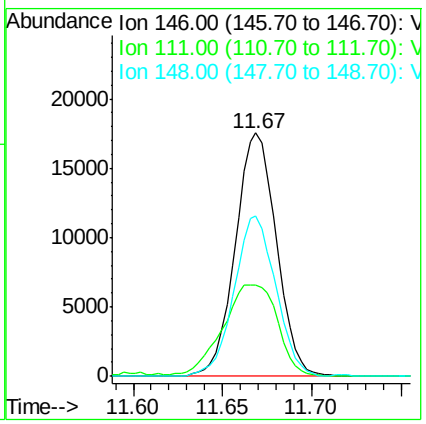




#65
1,2-Dichlorobenzene
Concen: 5.037 ug/L
RT: 11.67 min Scan# 3290
Delta R.T. 0.00 min
Lab File: VV016910.D
Acq: 13 Jun 2020 04:29

Tgt Ion:146 Resp: 28110

Ion	Ratio	Lower	Upper
146	100		
111	37.3	33.7	50.5
148	66.0	50.7	76.1



Instrument :
MSVOA_V
ClientSampleId :
E3YG8

Manual Integrations APPROVED
MMDadoda
6/15/2020 12:23:07 PM