Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101618\
Data File : VV008314.D
Acq On : 16 Oct 2018 23:52
Operator : SY/MD
Sample : J5463-01
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0JB2

Manual Integrations APPROVED
apatel
10/19/2018 2:50:29 PM

Quant Time: Oct 17 05:54:17 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 17 05:02:19 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	83363	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	76803	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	31721	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	82851	17.59	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 351.80%#			
7) Chloroethane-d5	1.58	69	17536	4.72	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 94.40%			
11) 1,1-Dichloroethene-d2	2.14	63	86628	9.58	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 191.60%#			
20) 2-Butanone-d5	3.98	46	63004	39.87	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 79.74%			
24) Chloroform-d	4.41	84	45394	4.31	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.20%			
26) 1,2-Dichloroethane-d4	5.09	65	23569	4.41	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.20%			
32) Benzene-d6	5.10	84	95118	4.22	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.40%			
36) 1,2-Dichloropropane-d6	6.13	67	33242	4.48	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 89.60%			
41) Toluene-d8	7.36	98	85592	4.19	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 83.80%			
43) trans-1,3-Dichloropropene-	7.67	79	11922	3.87	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 77.40%			
46) 2-Hexanone-d5	8.14	63	50343	46.63	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 93.26%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	21843	4.43	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 88.60%			
64) 1,2-Dichlorobenzene-d4	11.68	152	26929	4.47	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 89.40%			
Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	7868125	1268.510	ug/L	91
12) 1,1-Dichloroethene	2.14	96	88737	22.159	ug/L #	74
18) trans-1,2-Dichloroethene	2.79	96	122228	28.368	ug/L	95
22) cis-1,2-Dichloroethene	3.98	96	22699522	3263.100	ug/L #	77
25) Chloroform	4.43	83	9216	0.845	ug/L	96
30) Cyclohexane	4.73	56	11550	0.961	ug/L	98
33) Benzene	5.15	78	211460	8.170	ug/L	100
34) Trichloroethene	5.98	95	13028958	1816.583	ug/L	93
35) Methylcyclohexane	6.18	83	4891m	0.404	ug/L	
42) Toluene	7.43	91	61181	2.268	ug/L	99
47) Tetrachloroethene	8.02	164	404292	89.969	ug/L	95
52) Ethylbenzene	9.06	91	23356	0.787	ug/L	99
53) m,p-xylene	9.19	106	13015	1.213	ug/L	97
54) o-xylene	9.59	106	39451	3.691	ug/L	95
56) Isopropylbenzene	9.98	105	7265	0.258	ug/L	97

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101618\
Data File : VV008314.D
Acq On : 16 Oct 2018 23:52
Operator : SY/MD
Sample : J5463-01
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0JB2

Manual Integrations APPROVED
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Quant Time: Oct 17 05:54:17 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 17 05:02:19 2018
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 (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101618\
Data File : VV008314.D
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Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
C0JB2

Manual Integrations APPROVED
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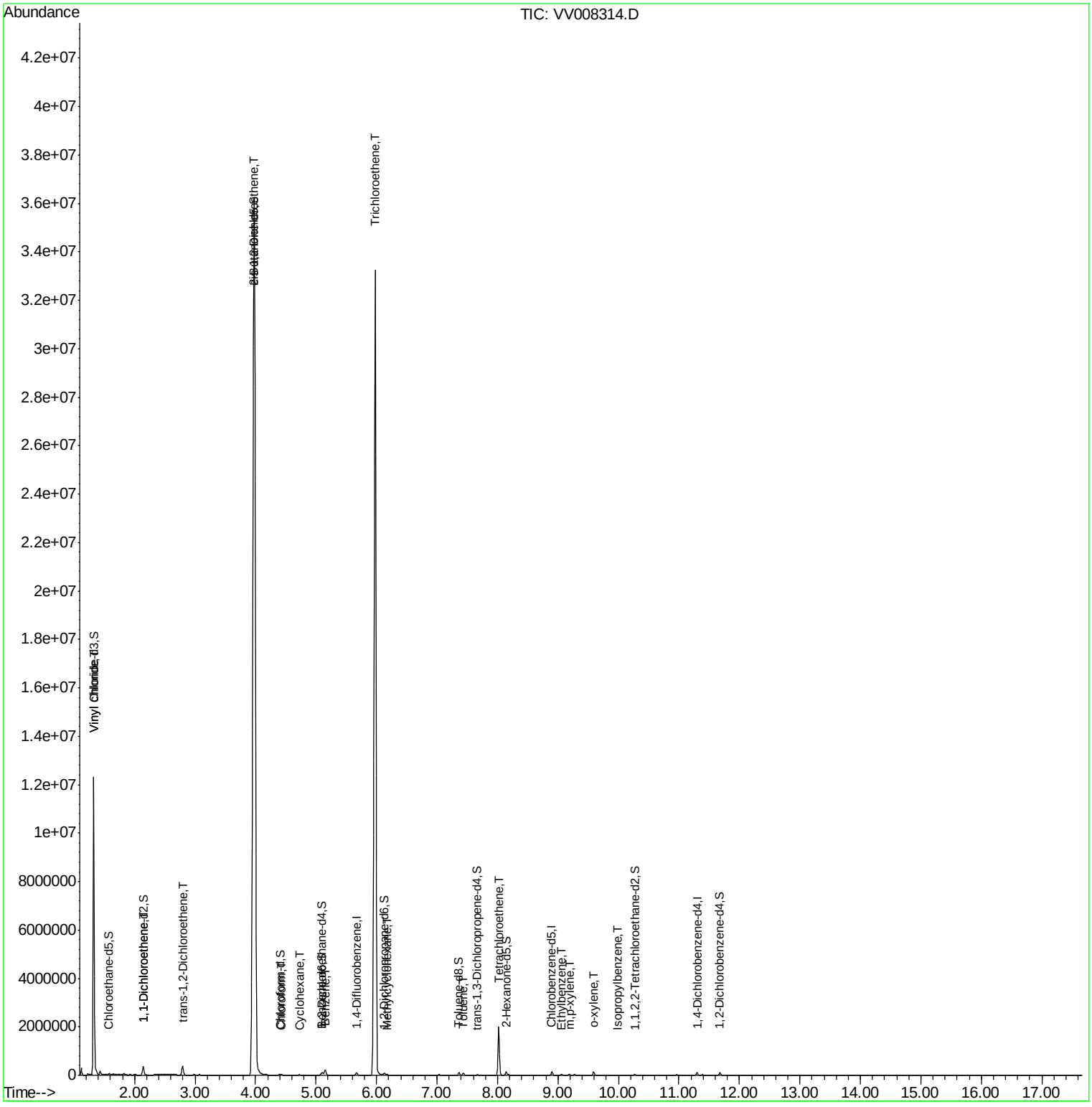
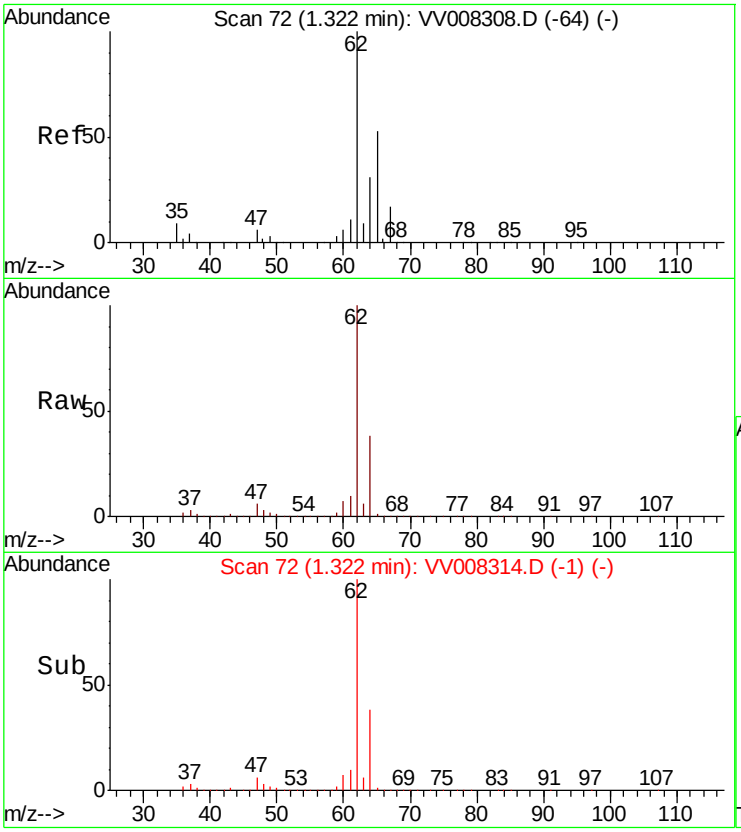
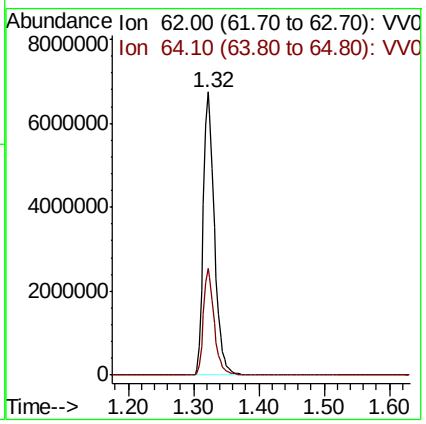




#5
Vinyl chloride
Concen: 1268.510 ug/L
RT: 1.32 min Scan# 72
Delta R.T. 0.00 min
Lab File: VV008314.D
Acq: 16 Oct 2018 23:52

Tgt Ion: 62 Resp: 7868125

Ion	Ratio	Lower	Upper
62	100		
64	37.8	22.9	42.5



Instrument :
MSVOA_V
ClientSampleId :
C0JB2

Manual Integrations APPROVED
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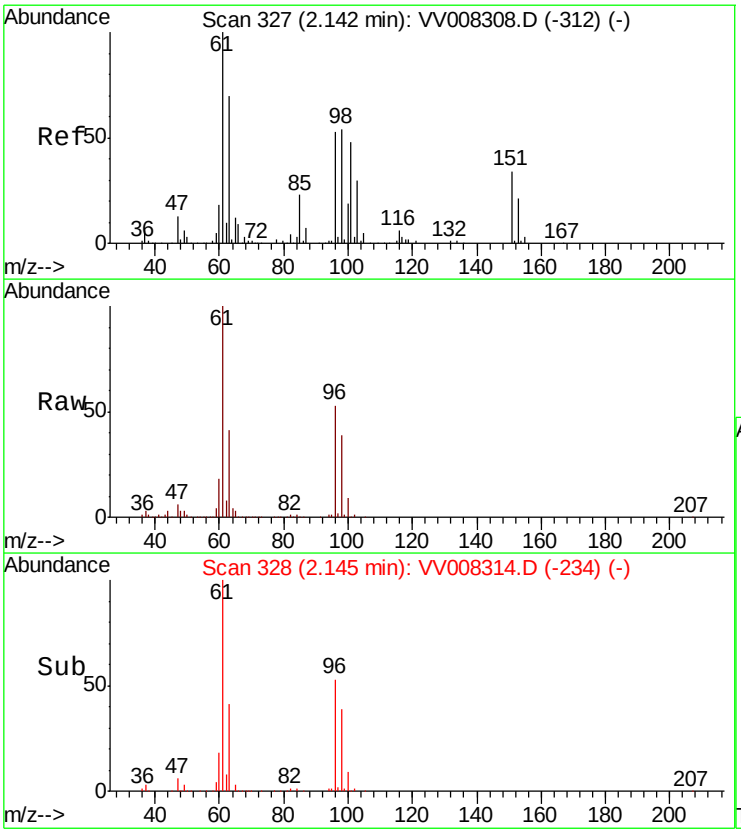
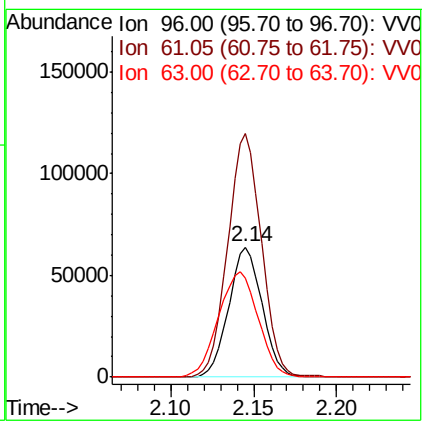
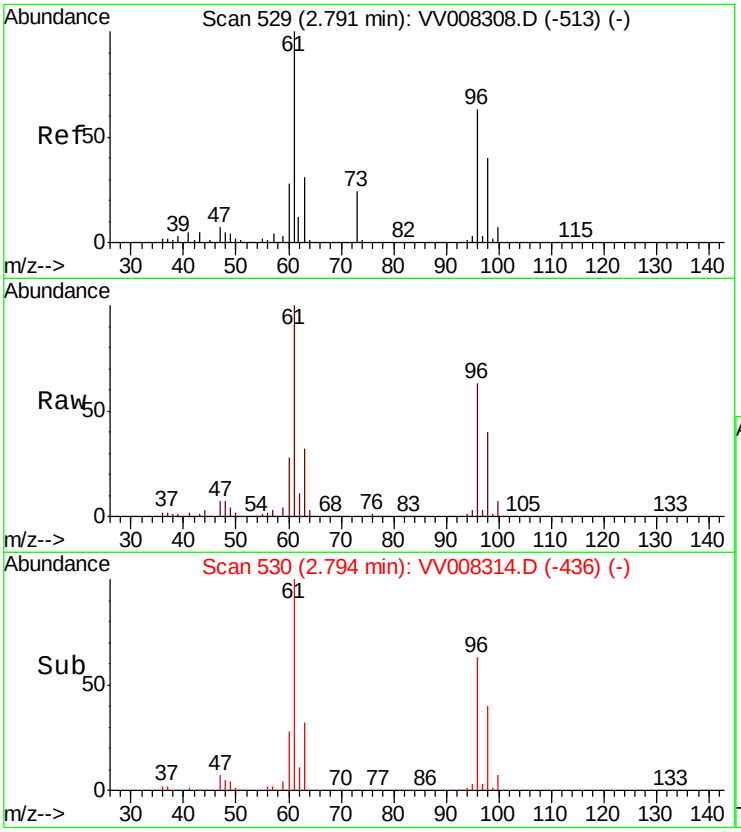


#12
1,1-Dichloroethene
Concen: 22.159 ug/L
RT: 2.14 min Scan# 328
Delta R.T. 0.00 min
Lab File: VV008314.D
Acq: 16 Oct 2018 23:52

Tgt Ion: 96 Resp: 88737

Ion	Ratio	Lower	Upper
96	100		
61	187.7	129.9	241.3
63	76.3	103.0	191.4#

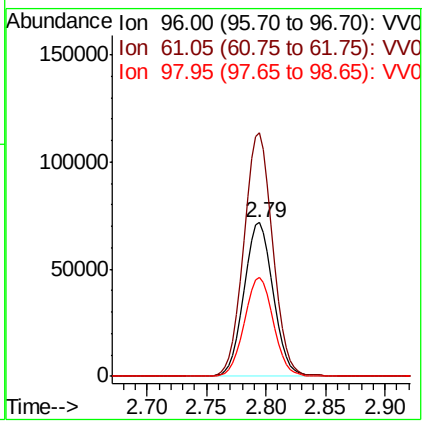




#18
trans-1,2-Dichloroethene
Concen: 28.368 ug/L
RT: 2.79 min Scan# 530
Delta R.T. 0.00 min
Lab File: VV008314.D
Acq: 16 Oct 2018 23:52

Tgt Ion: 96 Resp: 122228

Ion	Ratio	Lower	Upper
96	100		
61	158.4	104.6	194.2
98	64.1	44.1	81.9



Instrument :
MSVOA_V
ClientSampleId :
C0JB2

Manual Integrations APPROVED
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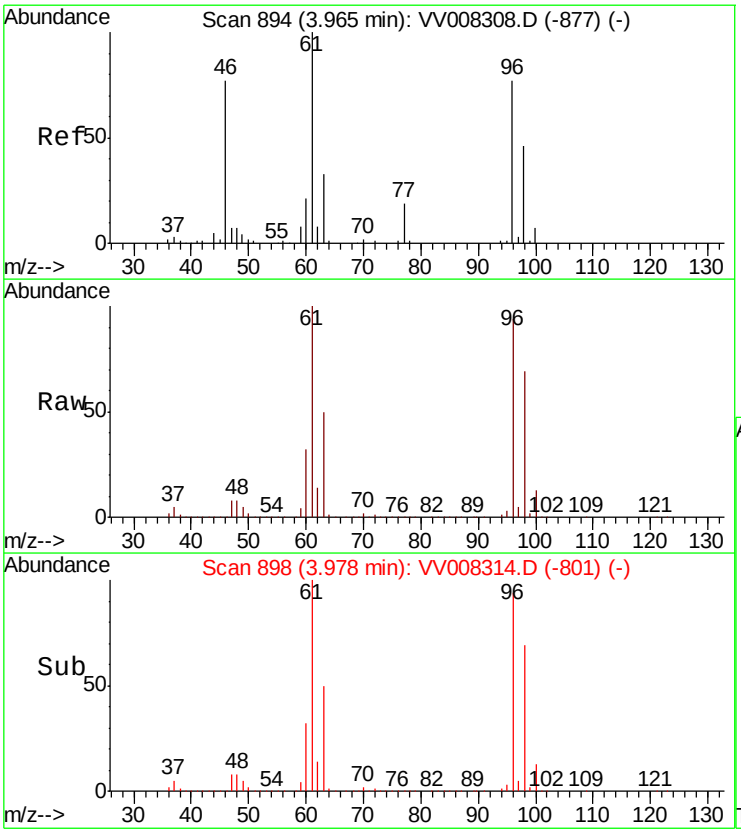
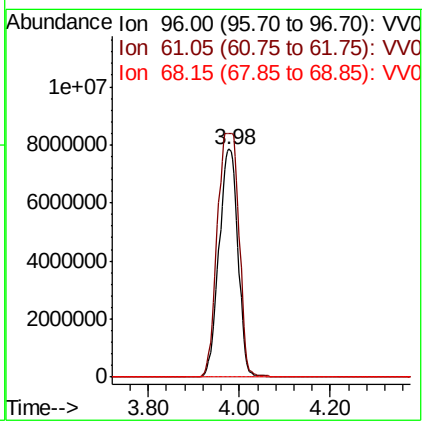
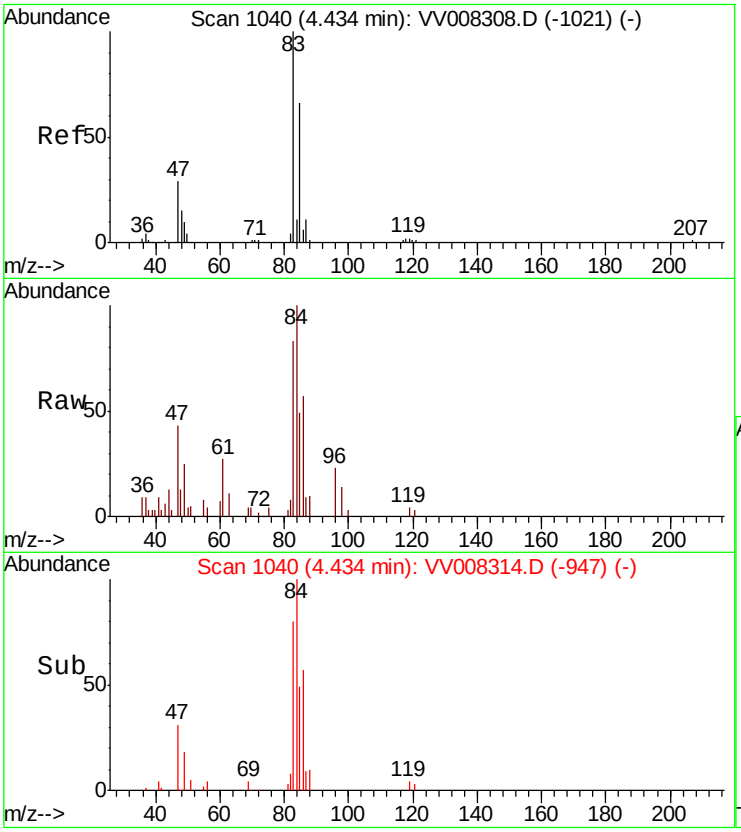


#22
cis-1,2-Dichloroethene
Concen: 3263.100 ug/L
RT: 3.98 min Scan# 898
Delta R.T. 0.01 min
Lab File: VV008314.D
Acq: 16 Oct 2018 23:52

Tgt Ion: 96 Resp:22699522

Ion	Ratio	Lower	Upper
96	100		
61	106.7	93.7	174.1
68	0.0	0.6	1.2#

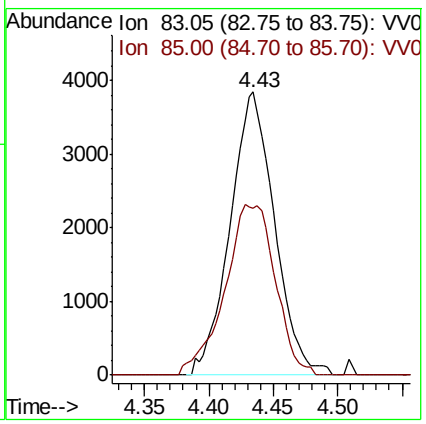




#25
Chloroform
Concen: 0.845 ug/L
RT: 4.43 min Scan# 1040
Delta R.T. 0.00 min
Lab File: VV008314.D
Acq: 16 Oct 2018 23:52

Tgt Ion: 83 Resp: 9216

Ion	Ratio	Lower	Upper
83	100		
85	59.1	43.4	80.6



Instrument :
MSVOA_V
ClientSampleId :
C0JB2

Manual Integrations APPROVED
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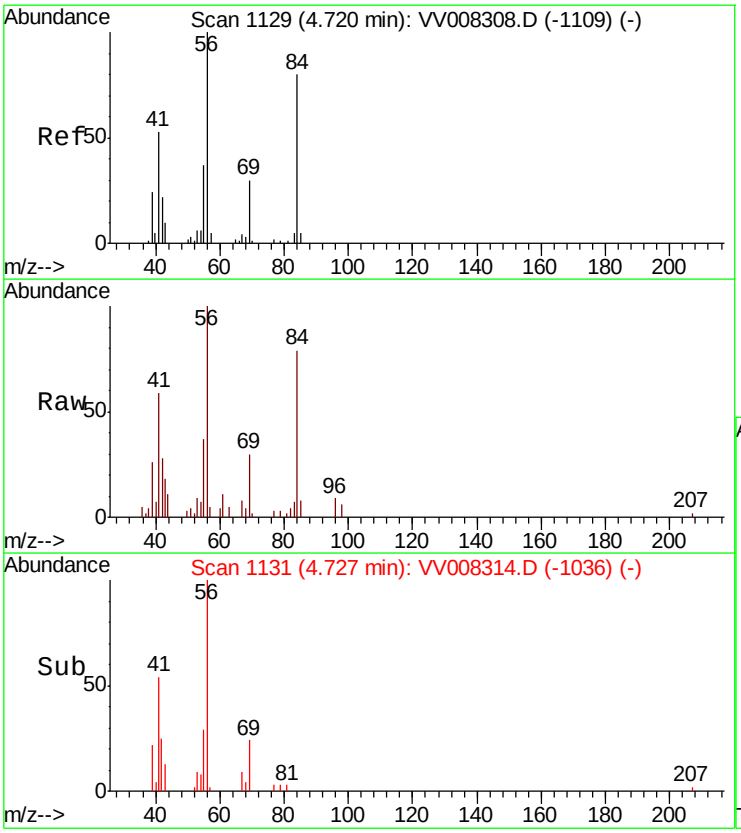
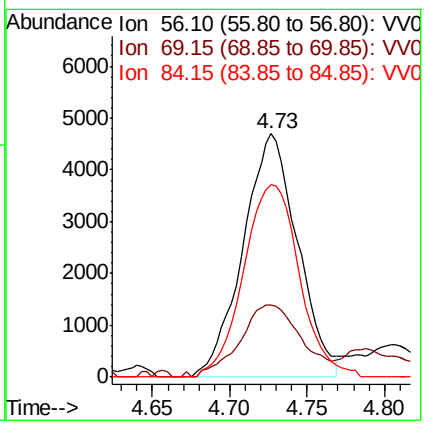
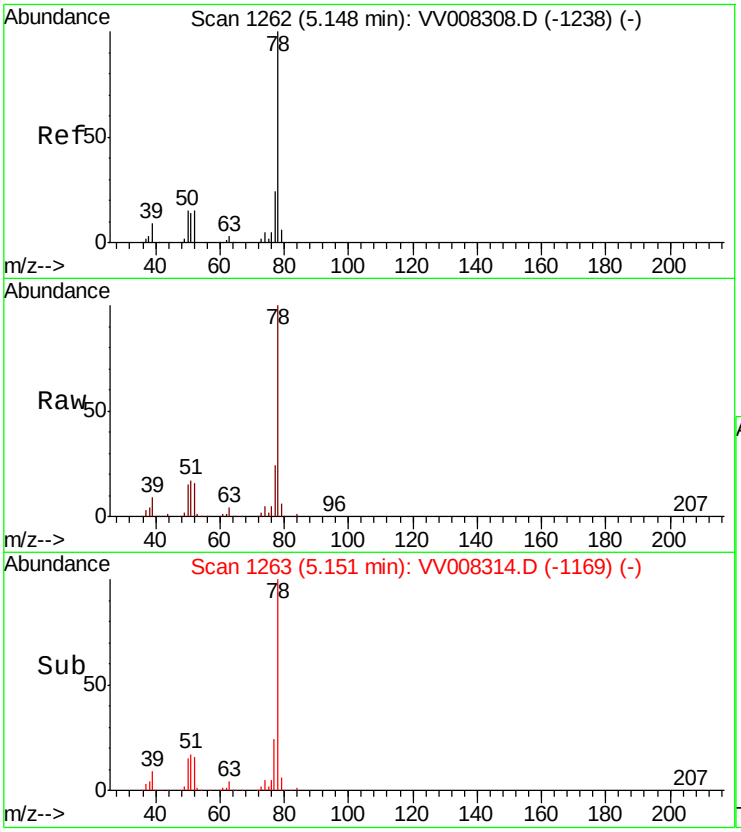


#30
Cyclohexane
Concen: 0.961 ug/L
RT: 4.73 min Scan# 1131
Delta R.T. 0.01 min
Lab File: VV008314.D
Acq: 16 Oct 2018 23:52

Tgt Ion: 56 Resp: 11550

Ion	Ratio	Lower	Upper
56	100		
69	33.1	24.3	36.5
84	80.9	64.1	96.1





#33
Benzene
Concen: 8.170 ug/L
RT: 5.15 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VV008314.D
Acq: 16 Oct 2018 23:52

Tgt Ion: 78 Resp: 211460

Instrument :
MSVOA_V
ClientSampleId :
C0JB2

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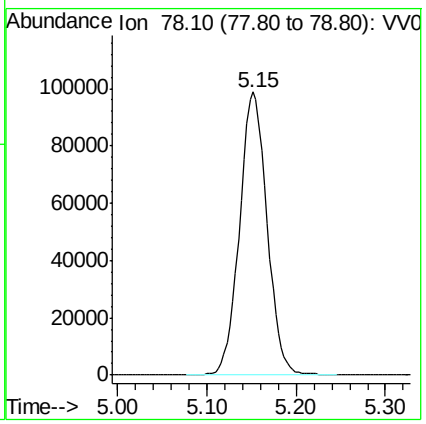
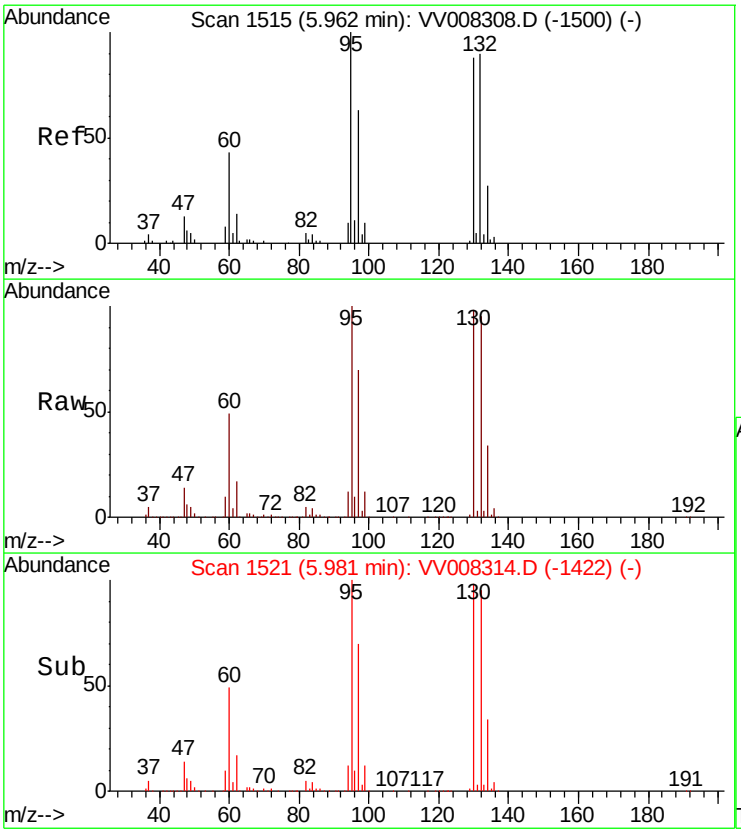
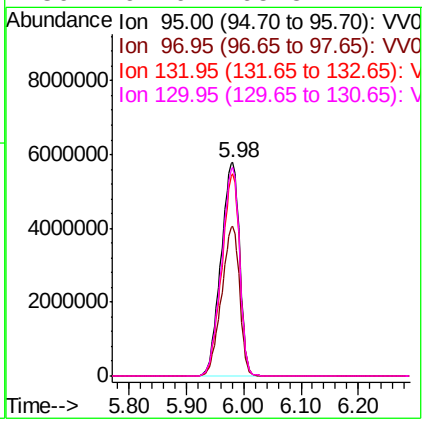


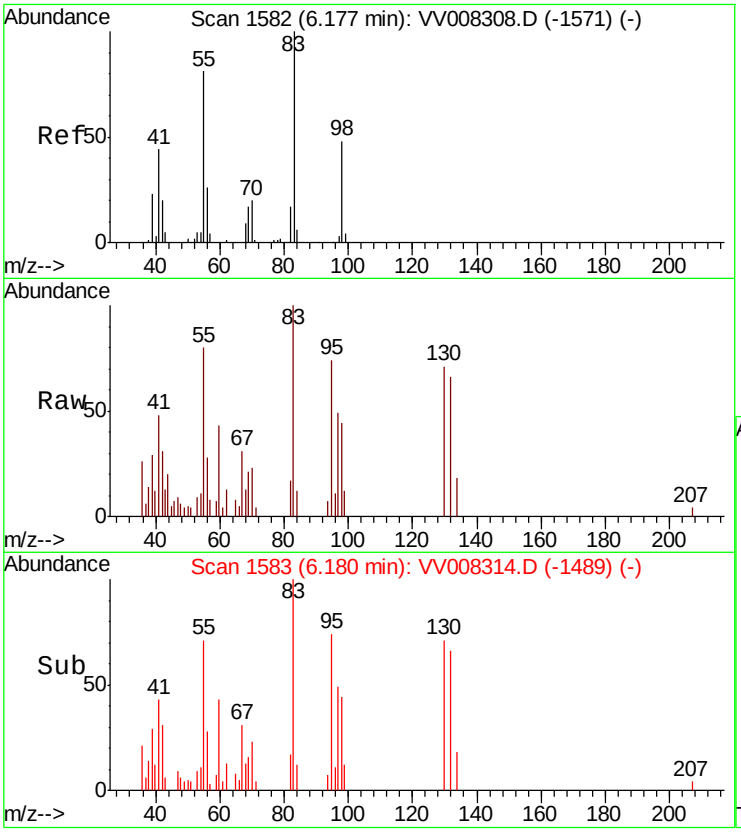


#34
Trichloroethene
Concen: 1816.583 ug/L
RT: 5.98 min Scan# 1521
Delta R.T. 0.02 min
Lab File: VV008314.D
Acq: 16 Oct 2018 23:52

Tgt Ion: 95 Resp:13028958

Ion	Ratio	Lower	Upper
95	100		
97	70.0	44.4	82.4
132	94.9	60.4	112.2
130	97.6	65.5	121.7





#35
Methylcyclohexane
Concen: 0.404 ug/L m
RT: 6.18 min Scan# 1583
Delta R.T. 0.00 min
Lab File: VV008314.D
Acq: 16 Oct 2018 23:52

Tgt Ion: 83 Resp: 4891

Ion	Ratio	Lower	Upper
83	100		
55	84.4	64.0	96.0
98	0.0	37.0	55.4#

Instrument :
MSVOA_V
ClientSampleId :
C0JB2

Manual Integrations APPROVED
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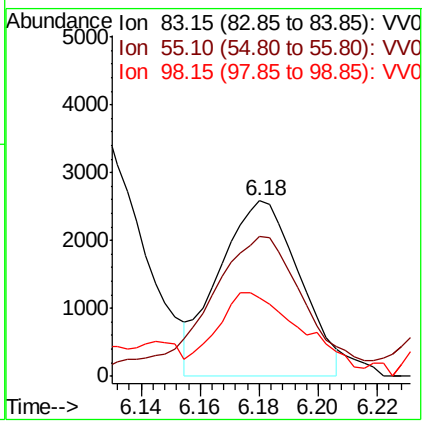
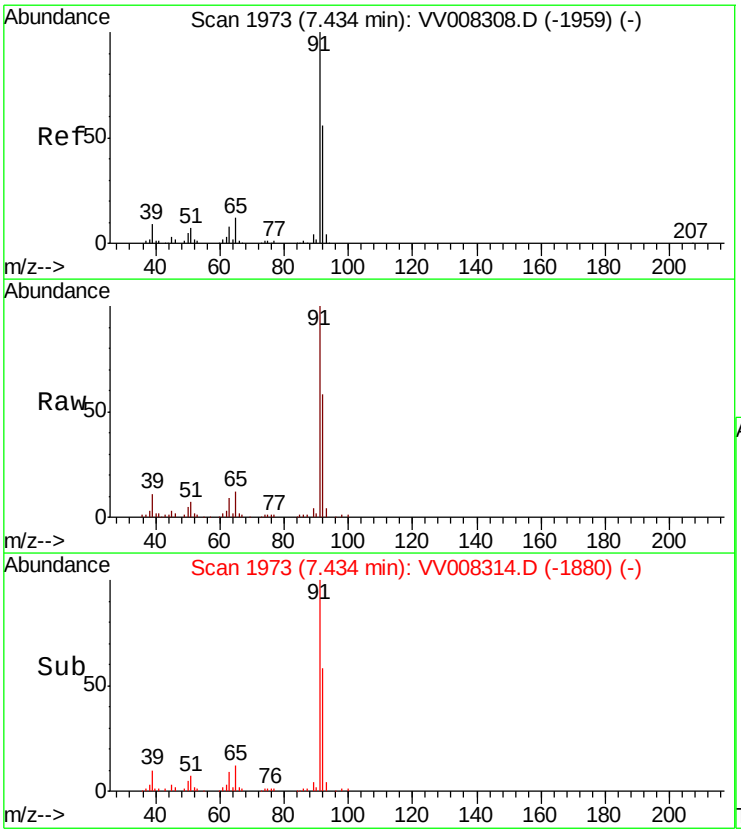
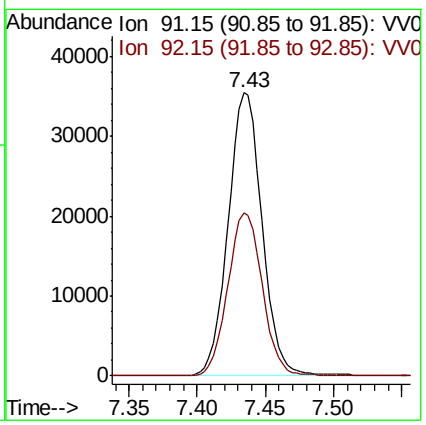


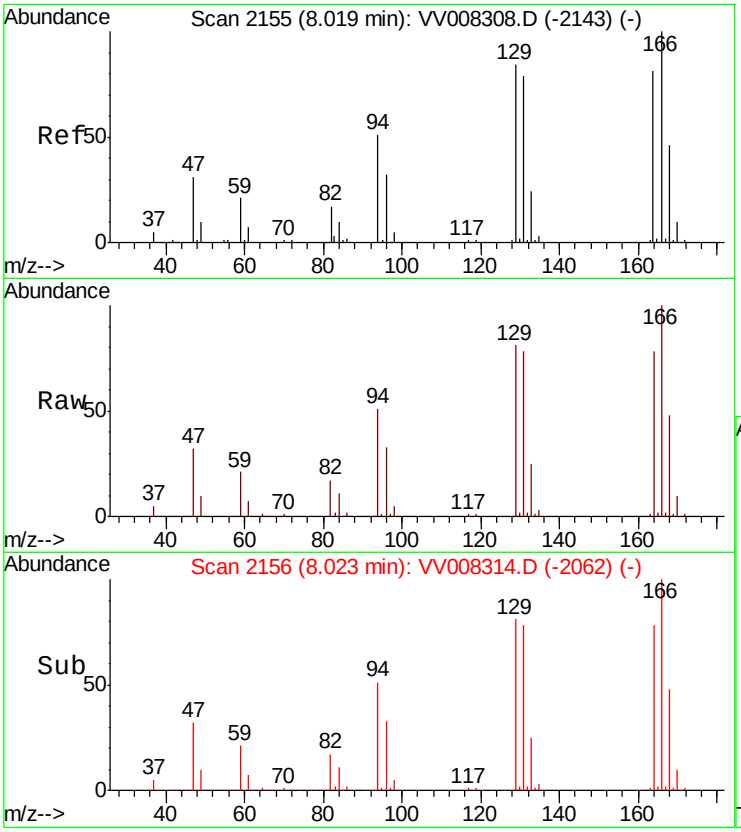


#42
Toluene
Concen: 2.268 ug/L
RT: 7.43 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VV008314.D
Acq: 16 Oct 2018 23:52

Tgt Ion: 91 Resp: 61181

Ion	Ratio	Lower	Upper
91	100		
92	57.8	40.1	74.5

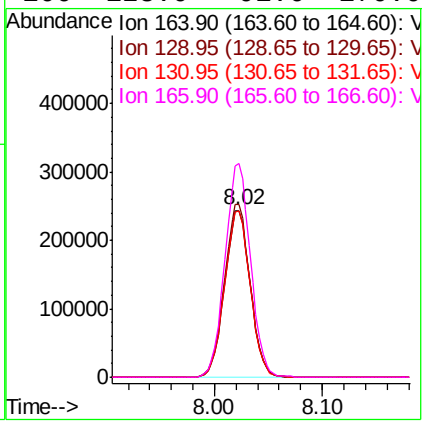




#47
Tetrachloroethene
Concen: 89.969 ug/L
RT: 8.02 min Scan# 2156
Delta R.T. 0.00 min
Lab File: VV008314.D
Acq: 16 Oct 2018 23:52

Tgt Ion:164 Resp: 404292

Ion	Ratio	Lower	Upper
164	100		
129	103.7	76.5	142.1
131	99.8	74.7	138.7
166	128.0	91.6	170.0



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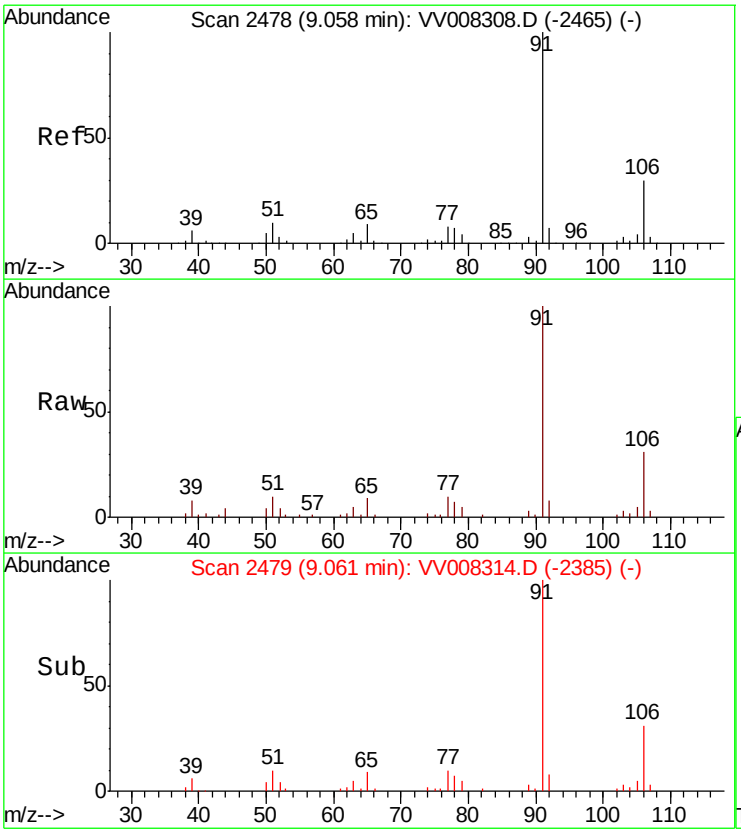
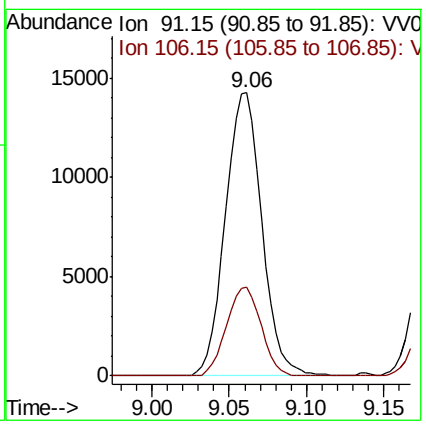
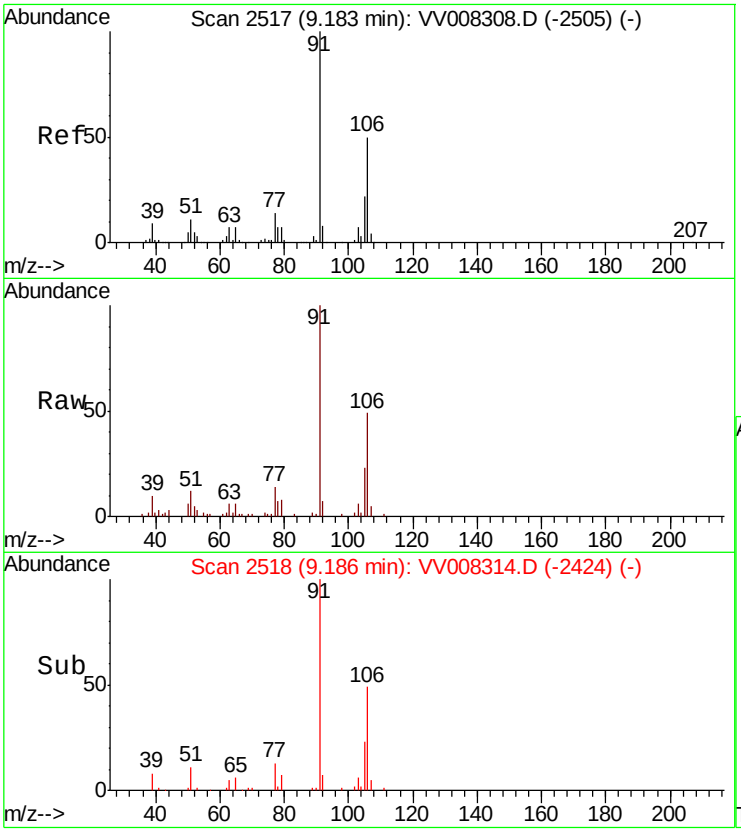


#52
Ethylbenzene
Concen: 0.787 ug/L
RT: 9.06 min Scan# 2479
Delta R.T. 0.00 min
Lab File: VV008314.D
Acq: 16 Oct 2018 23:52

Tgt Ion: 91 Resp: 23356

Ion	Ratio	Lower	Upper
91	100		
106	31.2	21.6	40.2

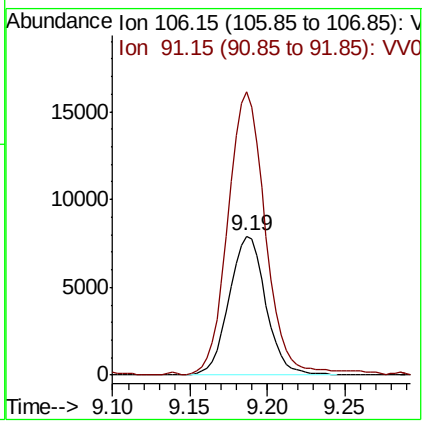




#53
m,p-xylene
Concen: 1.213 ug/L
RT: 9.19 min Scan# 2518
Delta R.T. 0.00 min
Lab File: VV008314.D
Acq: 16 Oct 2018 23:52

Tgt Ion:106 Resp: 13015

Ion	Ratio	Lower	Upper
106	100		
91	203.5	145.2	269.6



Instrument :
MSVOA_V
ClientSampleId :
C0JB2

Manual Integrations APPROVED
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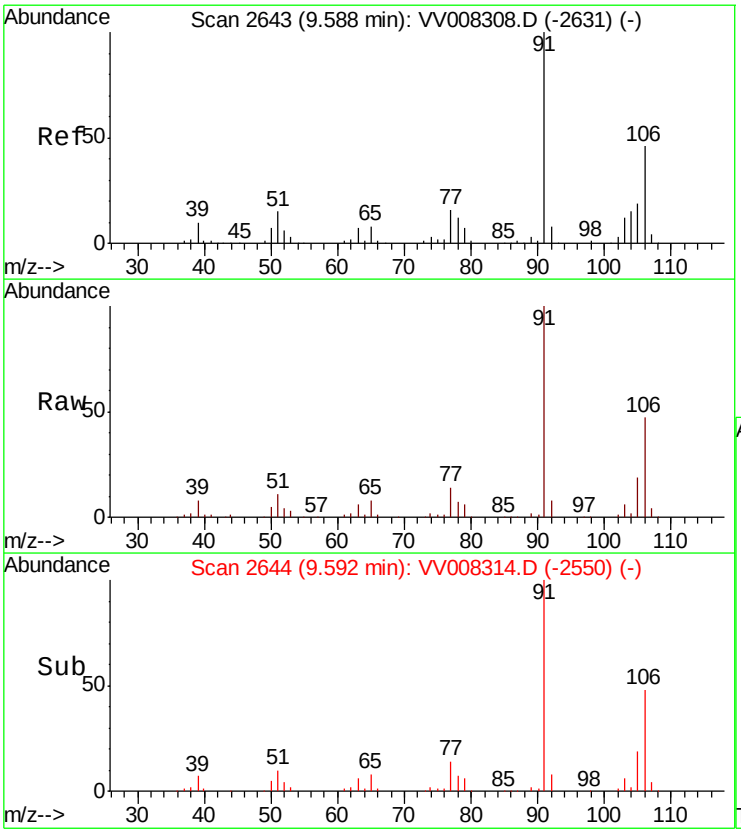
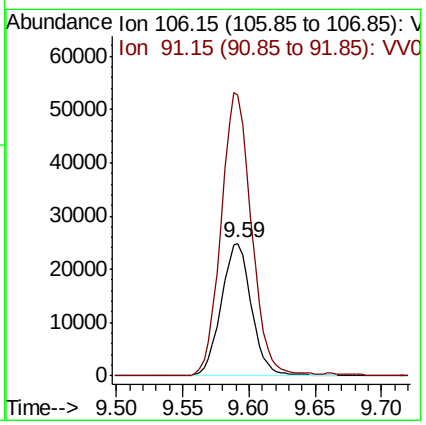
10/19/2018 2:50:29 PM

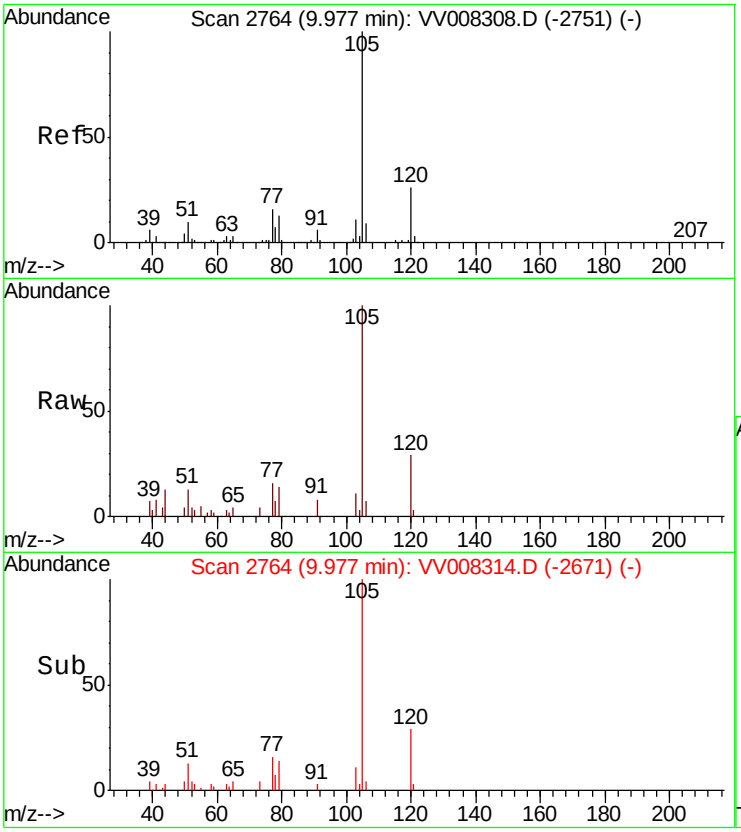


#54
o-xylene
Concen: 3.691 ug/L
RT: 9.59 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VV008314.D
Acq: 16 Oct 2018 23:52

Tgt Ion:106 Resp: 39451

Ion	Ratio	Lower	Upper
106	100		
91	210.8	153.2	284.4

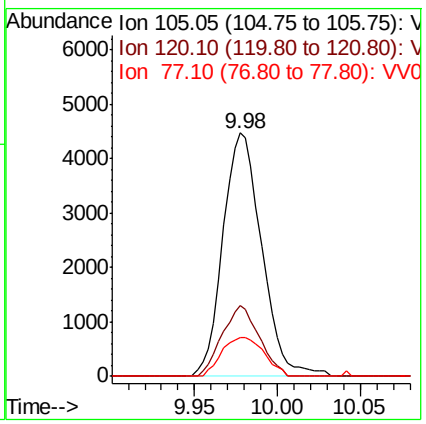




#56
Isopropylbenzene
Concen: 0.258 ug/L
RT: 9.98 min Scan# 2764
Delta R.T. 0.00 min
Lab File: VV008314.D
Acq: 16 Oct 2018 23:52

Tgt Ion:105 Resp: 7265

Ion	Ratio	Lower	Upper
105	100		
120	27.8	21.2	31.8
77	17.3	13.0	19.6



Instrument :
MSVOA_V
ClientSampleId :
C0JB2

Manual Integrations APPROVED
apatel
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