Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081720\
Data File : VV018016.D
Acq On : 17 Aug 2020 11:07
Operator : SY/MD
Sample : L3684-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0F89

Manual Integrations APPROVED
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Quant Time: Aug 18 01:48:28 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Aug 18 01:23:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	246362	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	246618	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	123713	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	89739	47.74	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 95.48%			
7) Chloroethane-d5	1.58	69	76871	49.99	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 99.98%			
11) 1,1-Dichloroethene-d2	2.12	63	135318	37.63	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 75.26%			
21) 2-Butanone-d5	3.91	46	108177	87.87	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 87.87%			
24) Chloroform-d	4.37	84	160519	46.91	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.82%			
26) 1,2-Dichloroethane-d4	5.05	65	113203	50.94	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.88%			
32) Benzene-d6	5.07	84	333280	49.04	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.08%			
36) 1,2-Dichloropropane-d6	6.09	67	107714	48.48	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 96.96%			
41) Toluene-d8	7.34	98	292806	47.90	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.80%			
43) trans-1,3-Dichloropropene-	7.64	79	49083	48.70	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 97.40%			
47) 2-Hexanone-d5	8.11	63	59289	83.15	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 83.15%			
57) 1,1,2,2-Tetrachloroethane-	10.23	84	133088	46.00	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 92.00%			
64) 1,2-Dichlorobenzene-d4	11.65	152	128799m	52.90	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 105.80%			
Target Compounds						Qvalue
13) Acetone	2.19	43	18843	14.818	ug/L	96
25) Chloroform	4.40	83	6734	1.933	ug/L	99
33) Benzene	5.13	78	11689	1.532	ug/L	100
51) Chlorobenzene	8.90	112	204524	39.942	ug/L	99
62) 1,3-Dichlorobenzene	11.21	146	27768	7.058	ug/L	98
63) 1,4-Dichlorobenzene	11.29	146	216736	53.630	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	912144	225.267	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	190313	72.433	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	112041	41.932	ug/L	99

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

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Instrument :
MSVOA_V
ClientSampleId :
C0F89

Manual Integrations APPROVED
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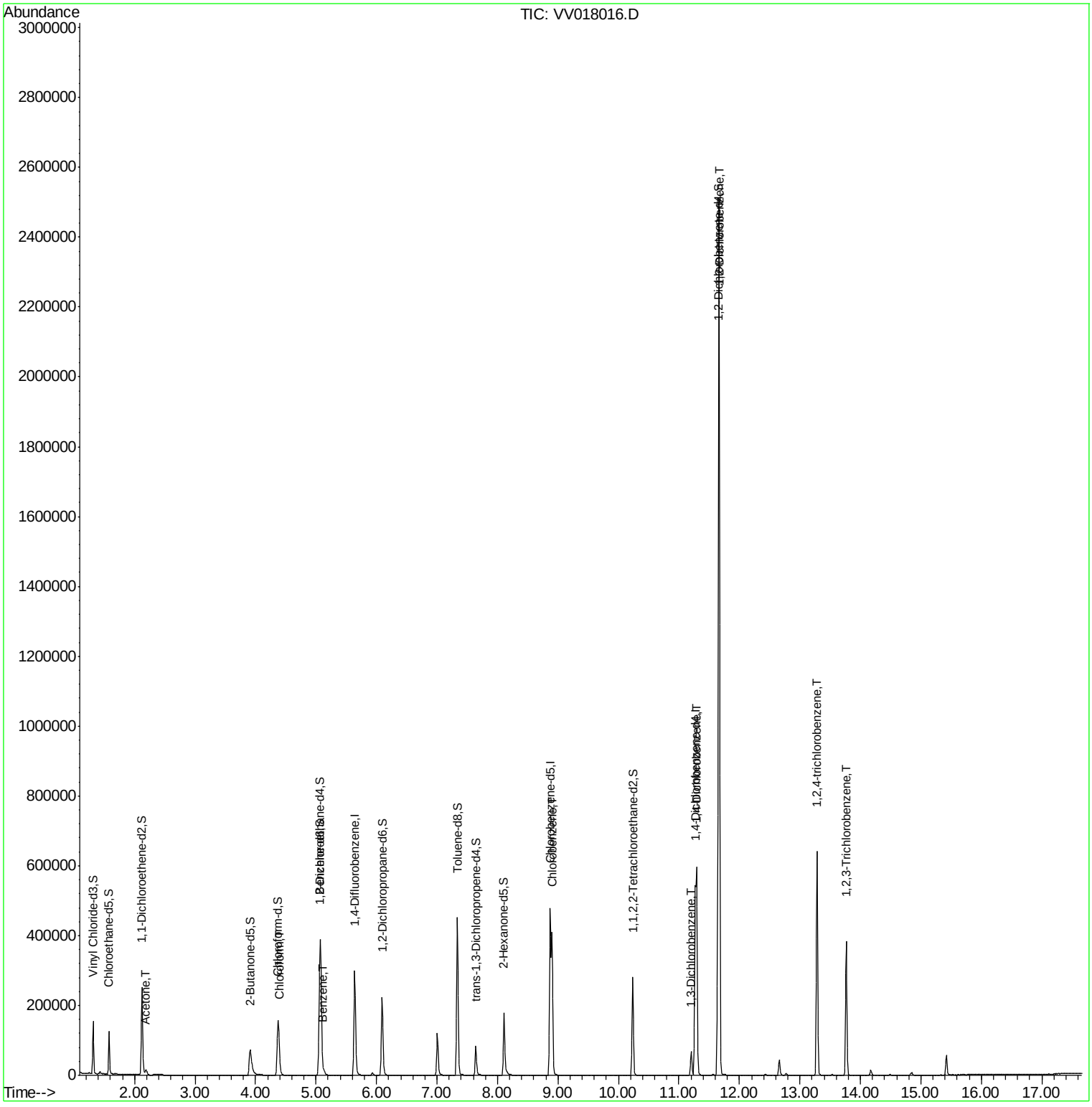

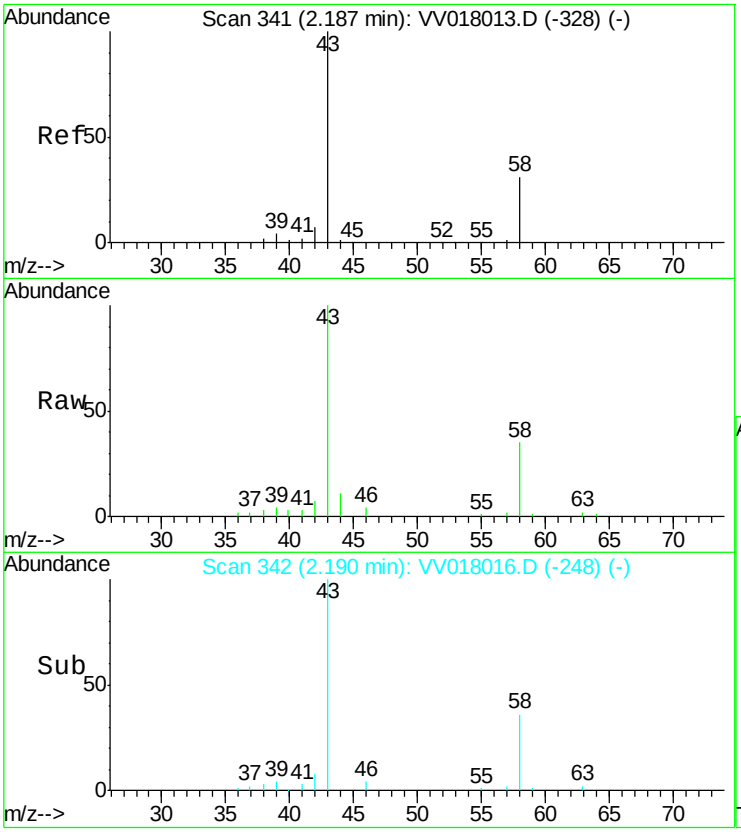

#13
Acetone
Concen: 14.818 ug/L
RT: 2.19 min Scan# 342
Delta R.T. 0.00 min
Lab File: VV018016.D
Acq: 17 Aug 2020 11:07

Tgt Ion: 43 Resp: 18843

Ion	Ratio	Lower	Upper
43	100		
58	34.2	0.0	63.6

Instrument :
MSVOA_V
ClientSampleId :
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Manual Integrations APPROVED
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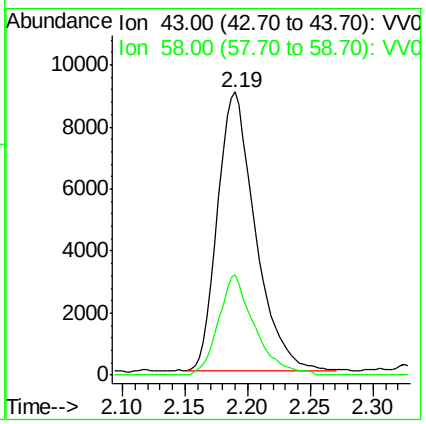
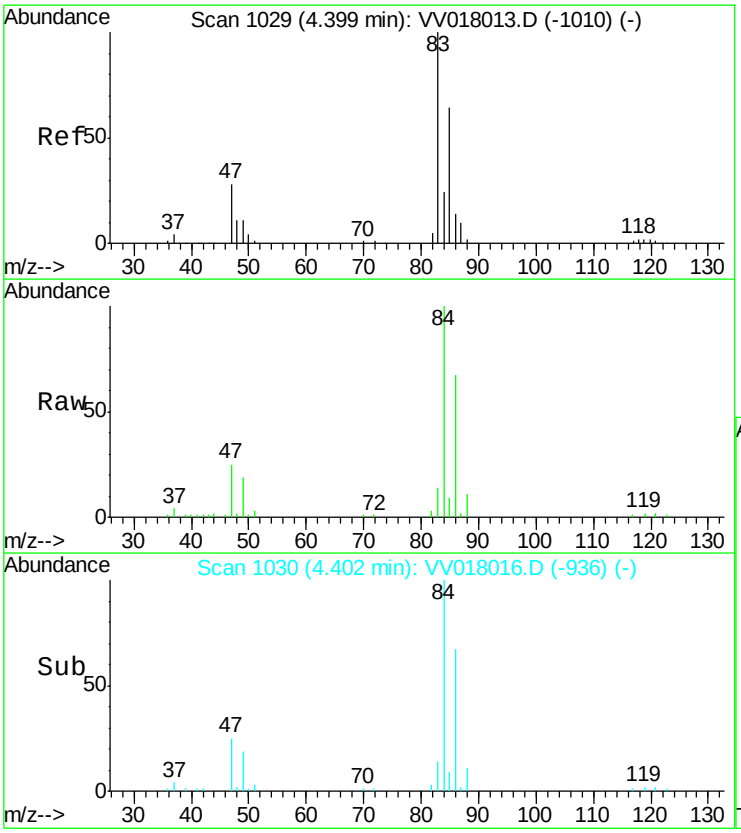
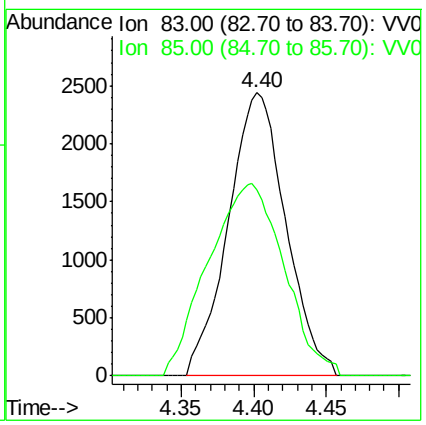


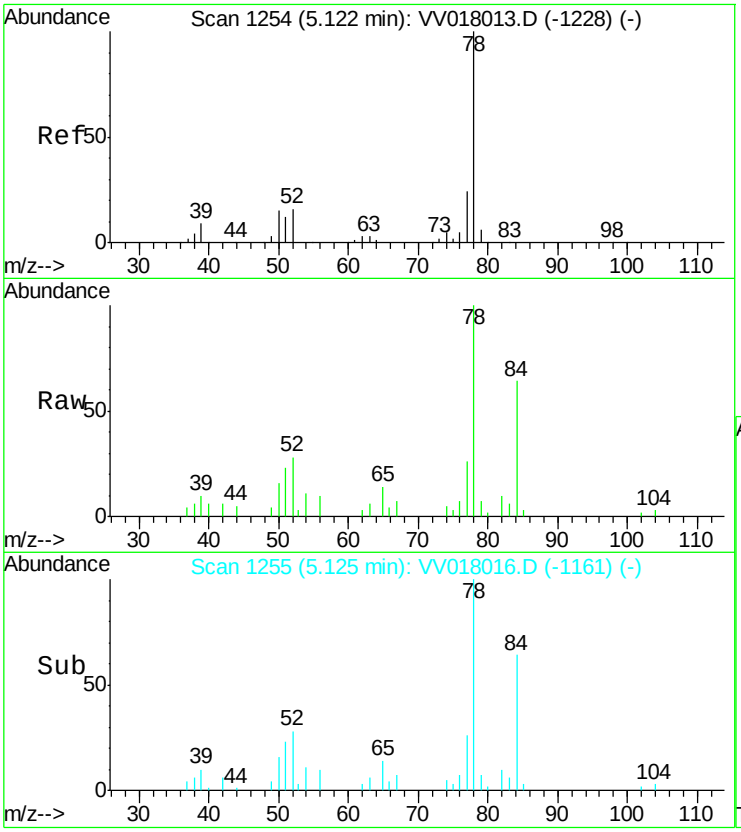


#25
Chloroform
Concen: 1.933 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VV018016.D
Acq: 17 Aug 2020 11:07

Tgt Ion: 83 Resp: 6734

Ion	Ratio	Lower	Upper
83	100		
85	66.0	45.5	84.5





#33
Benzene
Concen: 1.532 ug/L
RT: 5.13 min Scan# 1255
Delta R.T. 0.00 min
Lab File: VV018016.D
Acq: 17 Aug 2020 11:07

Tgt Ion: 78 Resp: 11689

Instrument :
MSVOA_V
ClientSampleId :
C0F89

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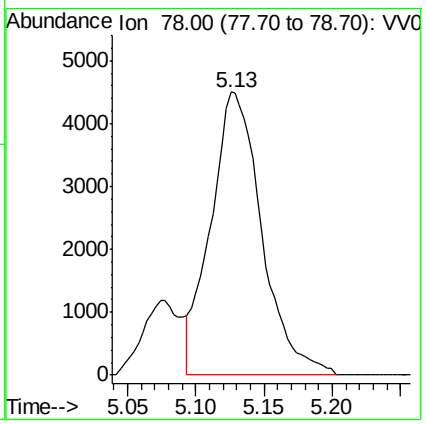
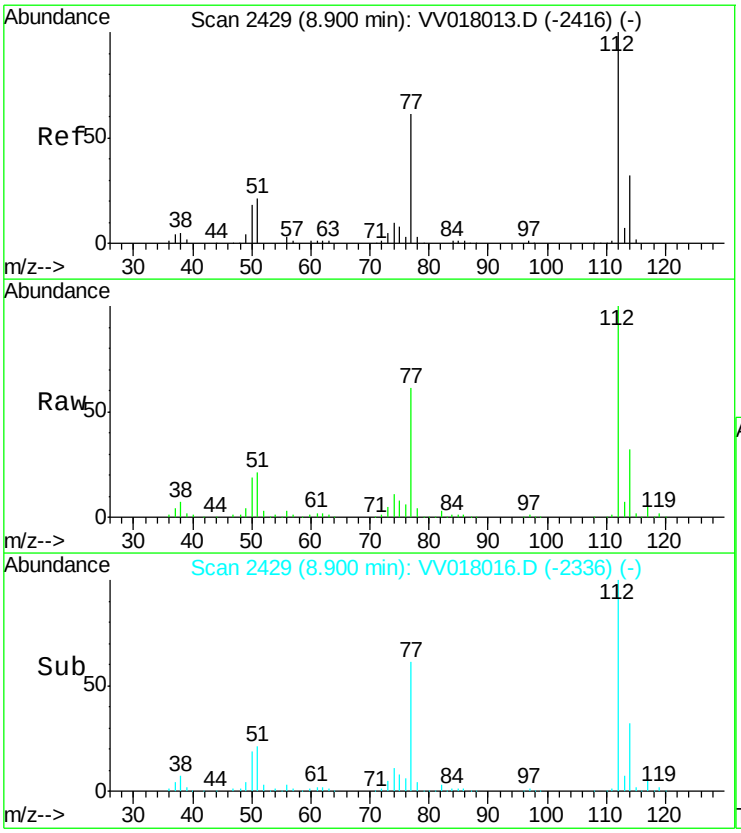
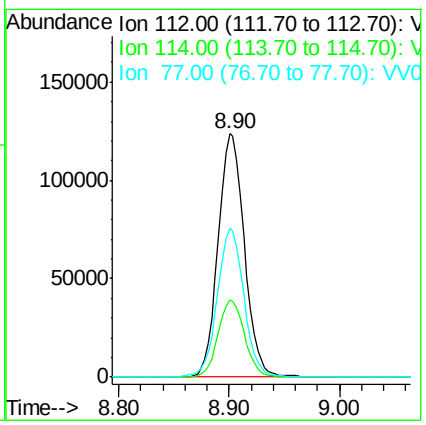


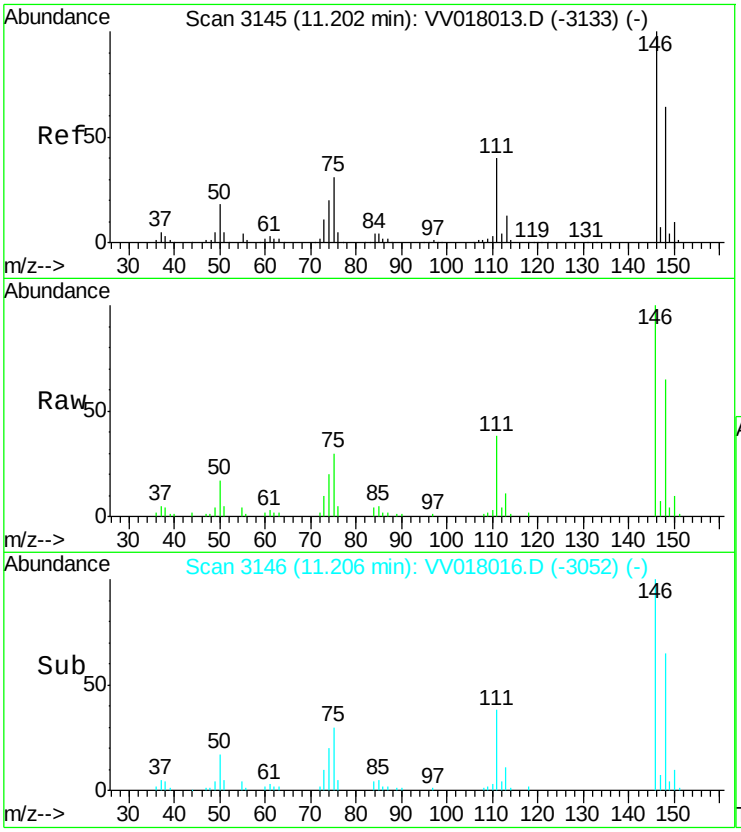


#51
Chlorobenzene
Concen: 39.942 ug/L
RT: 8.90 min Scan# 2429
Delta R.T. -0.00 min
Lab File: VV018016.D
Acq: 17 Aug 2020 11:07

Tgt Ion:112 Resp: 204524

Ion	Ratio	Lower	Upper
112	100		
114	31.5	22.7	42.3
77	61.3	49.4	74.2

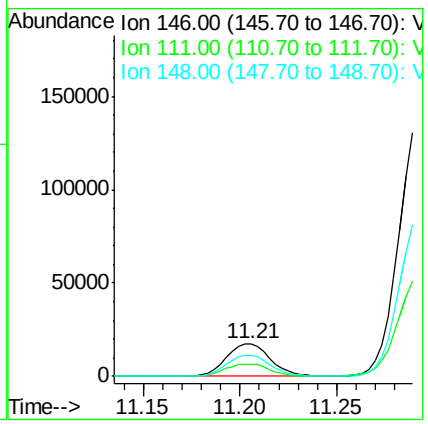




#62
1,3-Dichlorobenzene
Concen: 7.058 ug/L
RT: 11.21 min Scan# 3146
Delta R.T. 0.00 min
Lab File: VV018016.D
Acq: 17 Aug 2020 11:07

Tgt Ion:146 Resp: 27768

Ion	Ratio	Lower	Upper
146	100		
111	38.3	28.8	53.4
148	64.7	44.9	83.5



Instrument :
MSVOA_V
ClientSampleId :
C0F89

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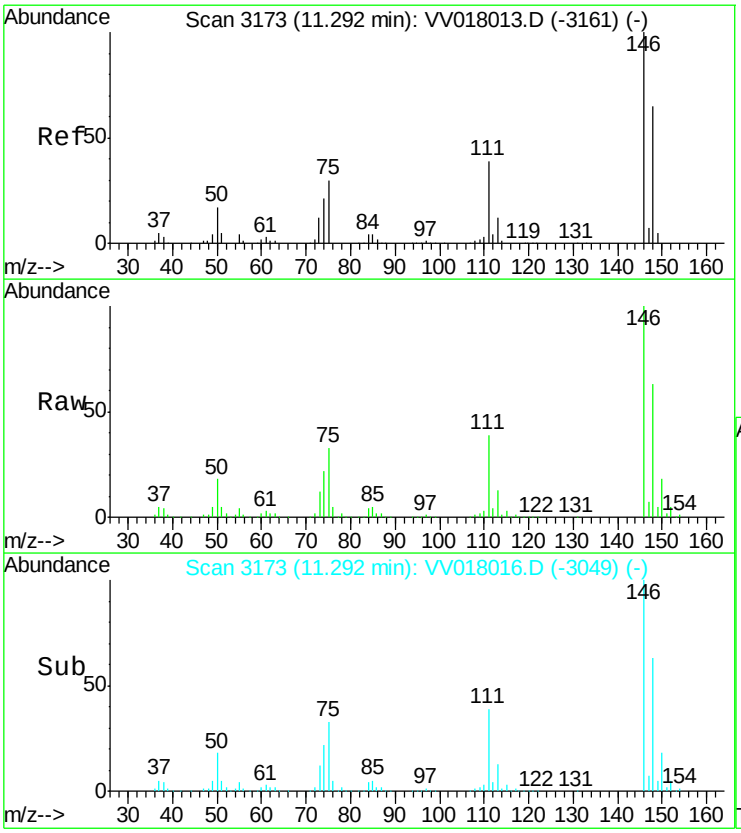
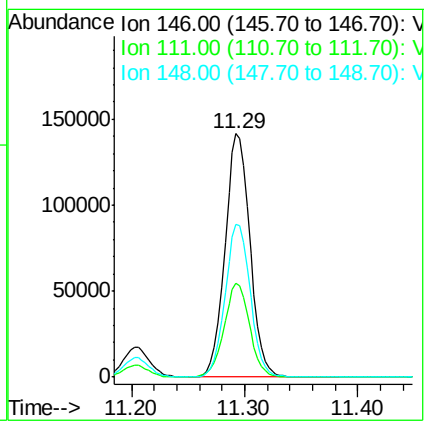
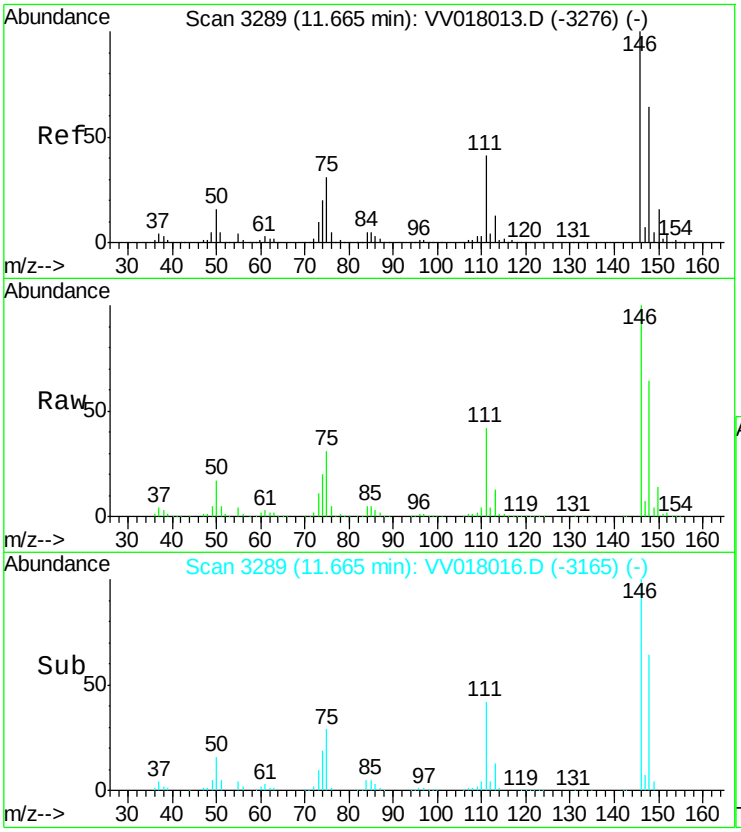


#63
1,4-Dichlorobenzene
Concen: 53.630 ug/L
RT: 11.29 min Scan# 3173
Delta R.T. -0.00 min
Lab File: VV018016.D
Acq: 17 Aug 2020 11:07

Tgt Ion:146 Resp: 216736

Ion	Ratio	Lower	Upper
146	100		
111	38.5	28.0	52.0
148	63.0	44.2	82.2

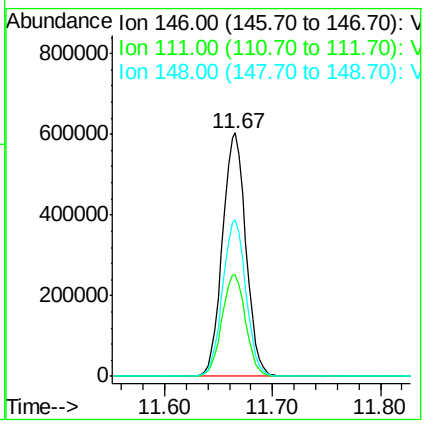




#65
1,2-Dichlorobenzene
Concen: 225.267 ug/L
RT: 11.67 min Scan# 3289
Delta R.T. -0.00 min
Lab File: VV018016.D
Acq: 17 Aug 2020 11:07

Tgt Ion:146 Resp: 912144

Ion	Ratio	Lower	Upper
146	100		
111	41.8	34.2	51.4
148	64.4	50.6	76.0



Instrument :
MSVOA_V
ClientSampleId :
C0F89

Manual Integrations APPROVED
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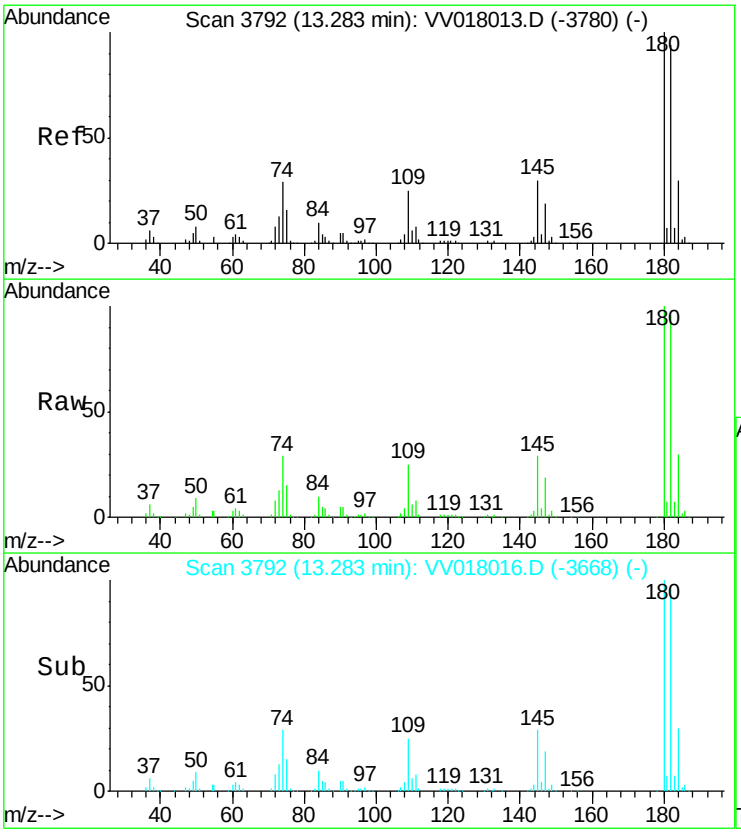
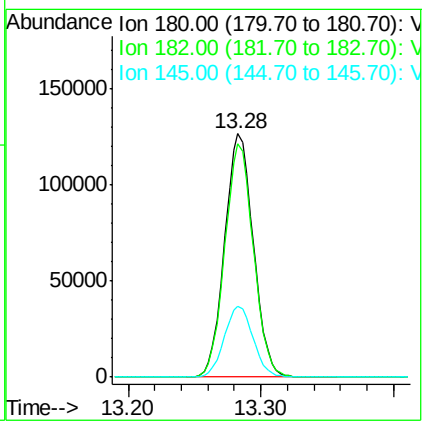
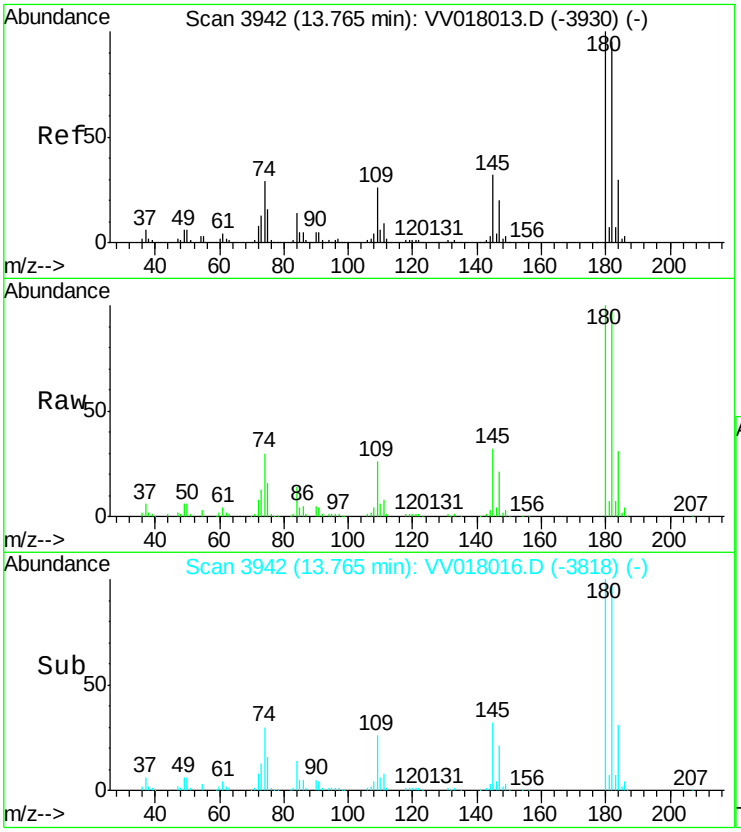


#68
1,2,4-trichlorobenzene
Concen: 72.433 ug/L
RT: 13.28 min Scan# 3792
Delta R.T. -0.00 min
Lab File: VV018016.D
Acq: 17 Aug 2020 11:07

Tgt Ion:180 Resp: 190313

Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.4	114.6
145	29.3	24.0	36.0

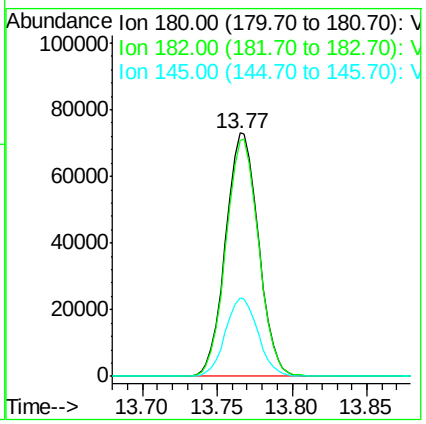




#70
1,2,3-Trichlorobenzene
Concen: 41.932 ug/L
RT: 13.77 min Scan# 3942
Delta R.T. -0.00 min
Lab File: VV018016.D
Acq: 17 Aug 2020 11:07

Tgt Ion:180 Resp: 112041

Ion	Ratio	Lower	Upper
180	100		
182	96.7	76.5	114.7
145	31.7	26.0	39.0



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