Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV040120\
Data File : VV015343.D
Acq On : 01 Apr 2020 20:39
Operator : SY/MD
Sample : L2005-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0DE8

Manual Integrations APPROVED
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Quant Time: Apr 02 05:31:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM040120WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 02 03:22:54 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	724951	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	695509	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	339746	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	167913	25.83	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 51.66%#			
7) Chloroethane-d5	1.58	69	167167	30.11	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 60.22%#			
11) 1,1-Dichloroethene-d2	2.12	63	268304m	23.09	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 46.18%#			
21) 2-Butanone-d5	3.93	46	284173	82.25	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 82.25%			
24) Chloroform-d	4.38	84	391473	36.48	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 72.96%			
26) 1,2-Dichloroethane-d4	5.06	65	253638	37.94	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 75.88%			
32) Benzene-d6	5.08	84	776062	36.23	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 72.46%			
36) 1,2-Dichloropropane-d6	6.10	67	244102	38.65	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 77.30%			
41) Toluene-d8	7.34	98	747164	36.48	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 72.96%#			
43) trans-1,3-Dichloropropene-	7.64	79	115922	33.22	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 66.44%			
47) 2-Hexanone-d5	8.12	63	229962	79.73	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 79.73%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	366655	40.81	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 81.62%			
64) 1,2-Dichlorobenzene-d4	11.65	152	306896	39.71	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 79.42%#			
Target Compounds						Qvalue
25) Chloroform	4.41	83	13784	1.410	ug/L	86
33) Benzene	5.13	78	112253	5.453	ug/L	100
51) Chlorobenzene	8.90	112	1274717	85.013	ug/L	98
62) 1,3-Dichlorobenzene	11.21	146	156649	13.696	ug/L	99
63) 1,4-Dichlorobenzene	11.30	146	684114	58.975	ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	812024	69.606	ug/L	99
67) 1,3,5-Trichlorobenzene	12.67	180	5787	0.763	ug/L	95
68) 1,2,4-trichlorobenzene	13.29	180	1135552	164.004	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	445862	62.514	ug/L	98

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

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Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
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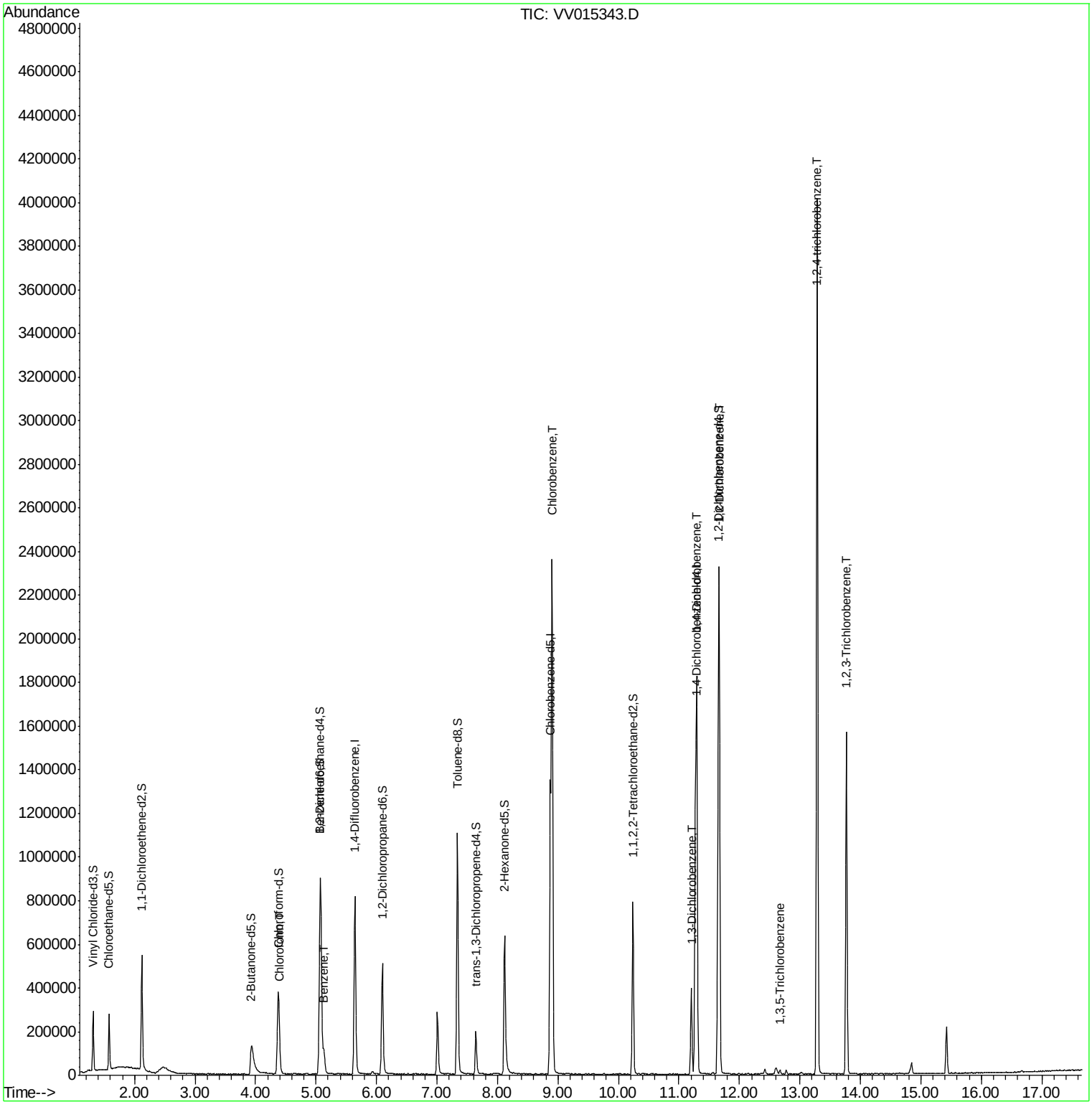
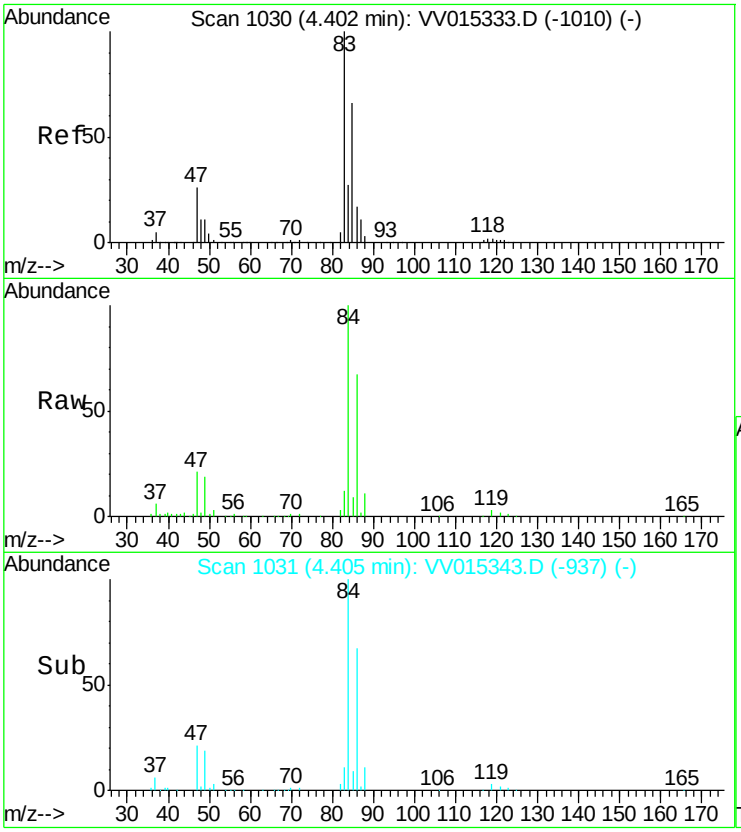
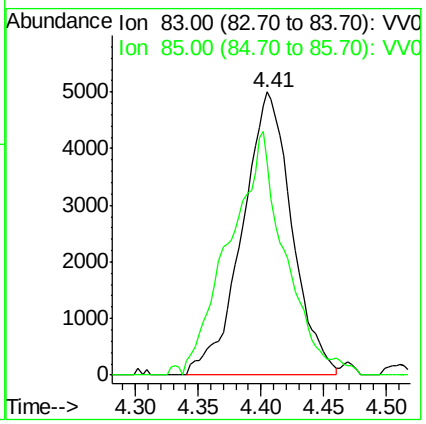




#25
Chloroform
Concen: 1.410 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VV015343.D
Acq: 01 Apr 2020 20:39

Tgt Ion: 83 Resp: 13784

Ion	Ratio	Lower	Upper
83	100		
85	75.4	45.1	83.9



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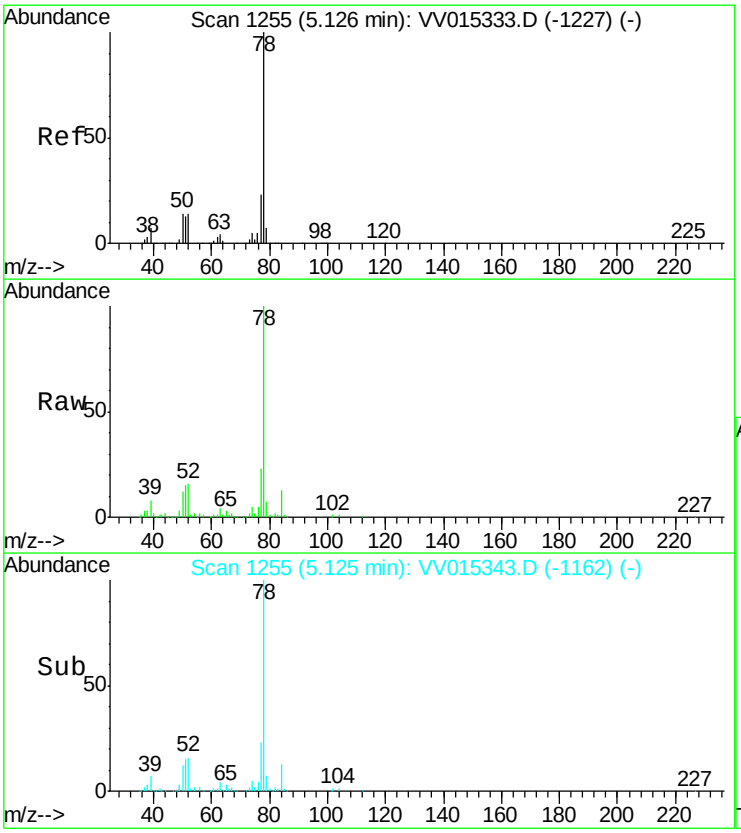
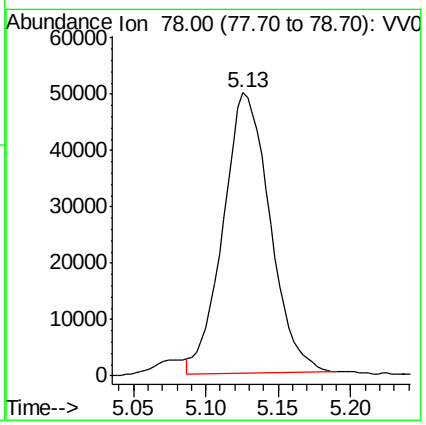
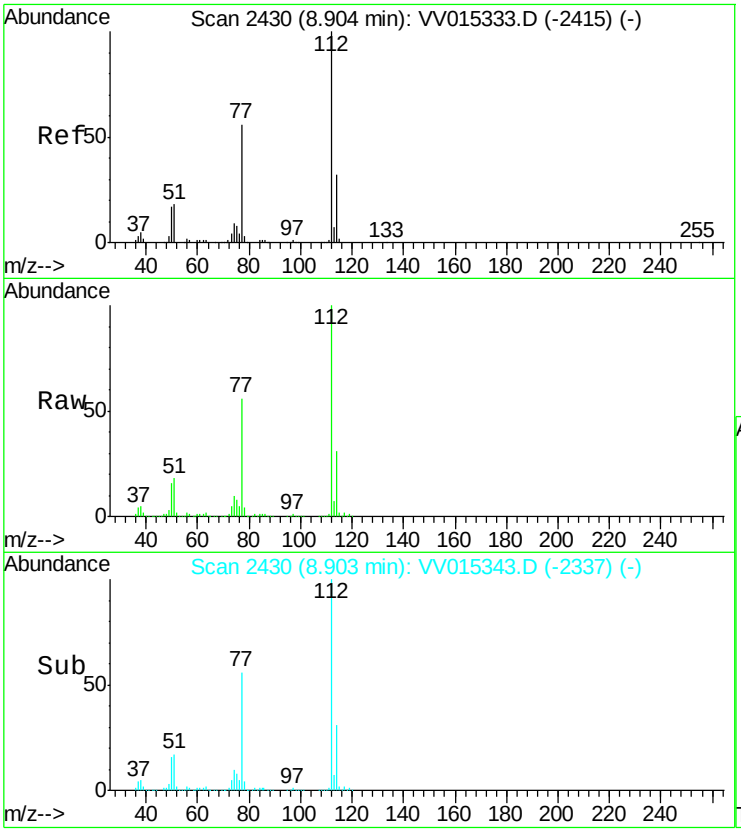


#33
Benzene
Concen: 5.453 ug/L
RT: 5.13 min Scan# 1255
Delta R.T. -0.00 min
Lab File: VV015343.D
Acq: 01 Apr 2020 20:39

Tgt Ion: 78 Resp: 112253

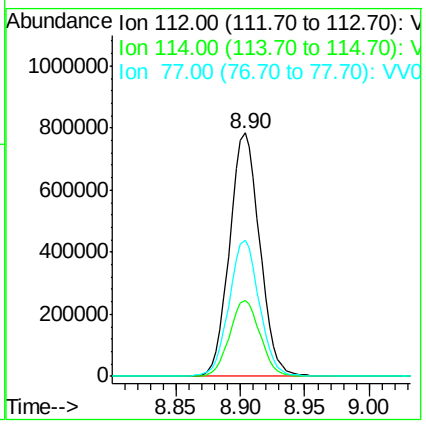




#51
Chlorobenzene
Concen: 85.013 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. -0.00 min
Lab File: VV015343.D
Acq: 01 Apr 2020 20:39

Tgt Ion:112 Resp: 1274717

Ion	Ratio	Lower	Upper
112	100		
114	31.5	21.8	40.4
77	55.9	46.2	69.2



Instrument :
MSVOA_V
ClientSampleId :
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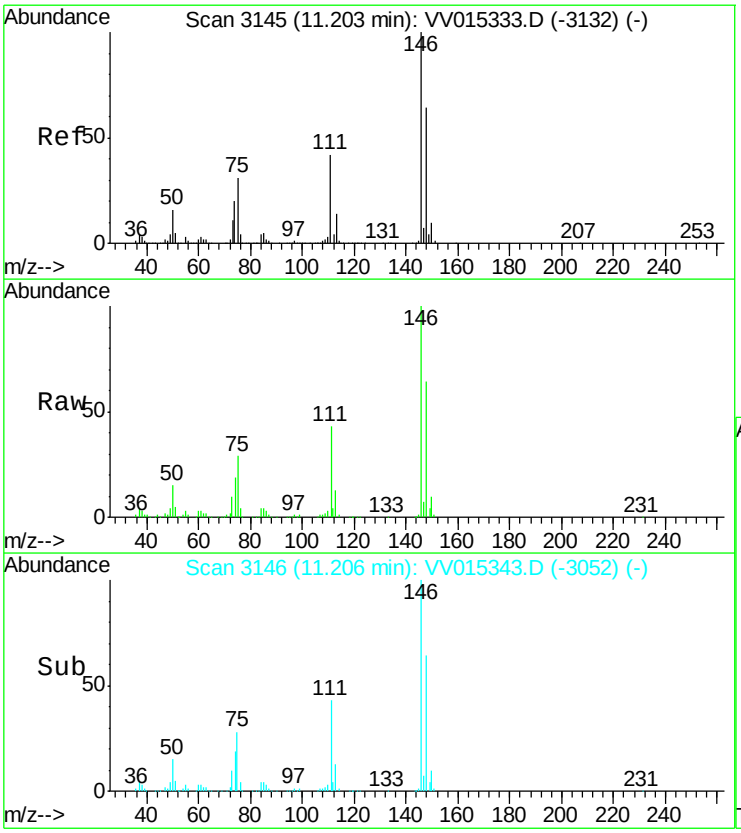
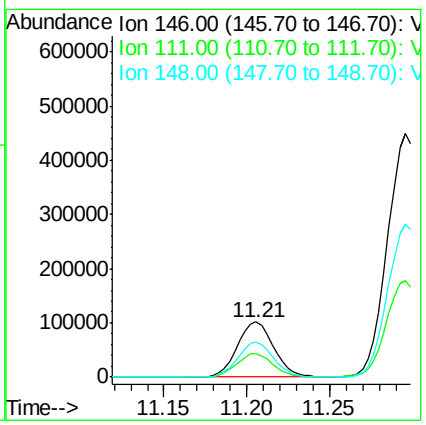
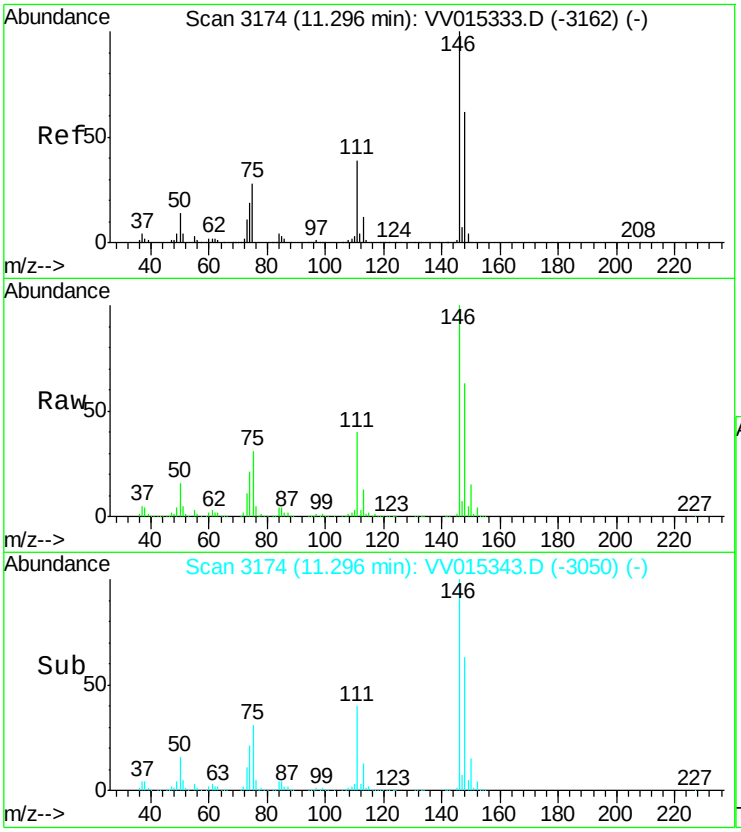


#62
1,3-Dichlorobenzene
Concen: 13.696 ug/L
RT: 11.21 min Scan# 3146
Delta R.T. 0.00 min
Lab File: VV015343.D
Acq: 01 Apr 2020 20:39

Tgt Ion:146 Resp: 156649

Ion	Ratio	Lower	Upper
146	100		
111	42.8	30.2	56.2
148	63.5	44.7	83.1

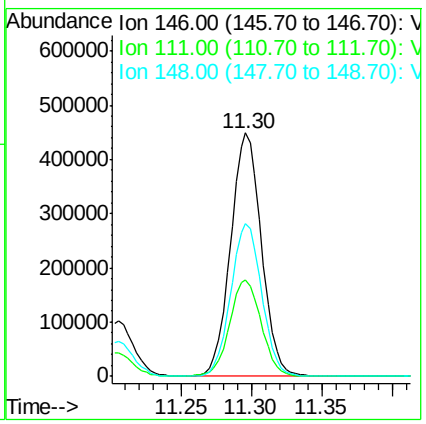




#63
1,4-Dichlorobenzene
Concen: 58.975 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. -0.00 min
Lab File: VV015343.D
Acq: 01 Apr 2020 20:39

Tgt Ion:146 Resp: 684114

Ion	Ratio	Lower	Upper
146	100		
111	39.6	29.3	54.5
148	62.8	44.7	82.9



Instrument :
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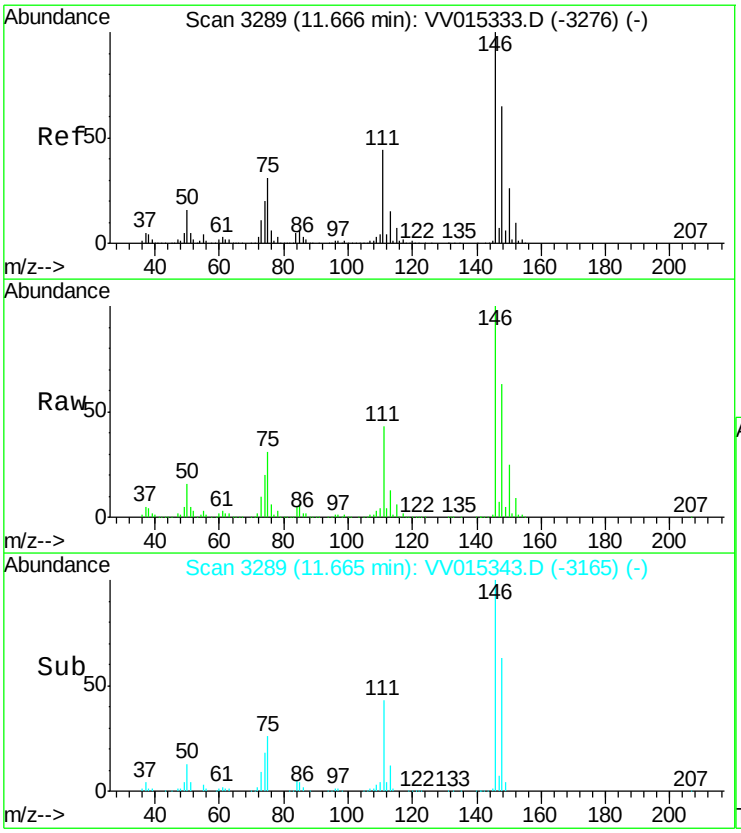
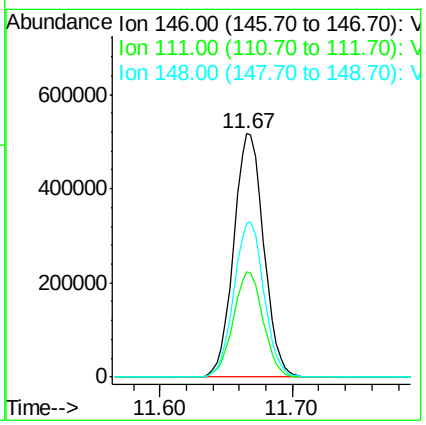
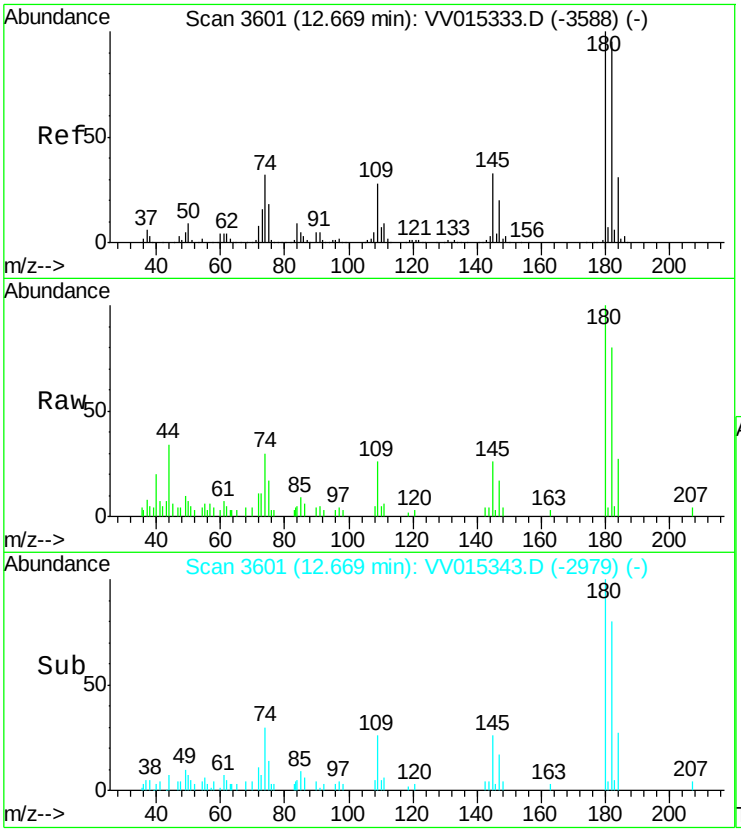


#65
1,2-Dichlorobenzene
Concen: 69.606 ug/L
RT: 11.67 min Scan# 3289
Delta R.T. -0.00 min
Lab File: VV015343.D
Acq: 01 Apr 2020 20:39

Tgt Ion:146 Resp: 812024

Ion	Ratio	Lower	Upper
146	100		
111	43.1	35.1	52.7
148	63.2	51.0	76.4

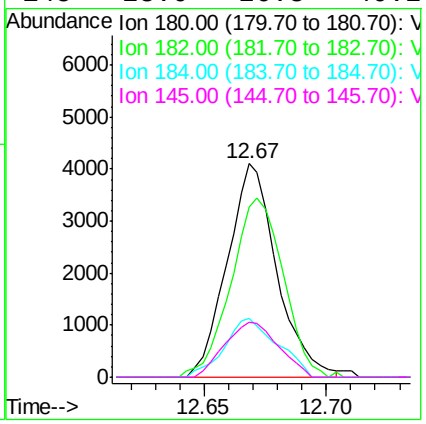




#67
1,3,5-Trichlorobenzene
Concen: 0.763 ug/L
RT: 12.67 min Scan# 3601
Delta R.T. -0.00 min
Lab File: VV015343.D
Acq: 01 Apr 2020 20:39

Tgt Ion:180 Resp: 5787

Ion	Ratio	Lower	Upper
180	100		
182	87.9	74.7	112.1
184	29.6	23.7	35.5
145	28.0	26.8	40.2



Instrument :
MSVOA_V
ClientSampleId :
C0DE8

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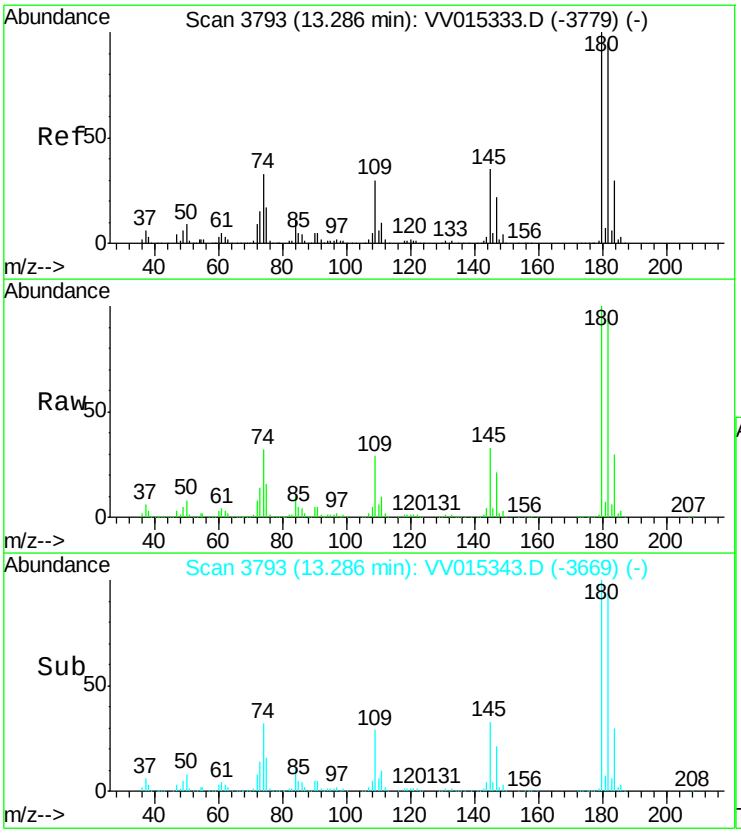
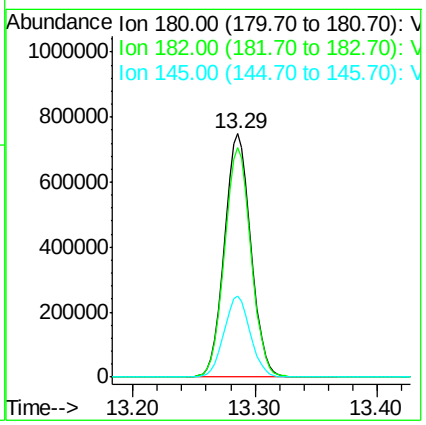
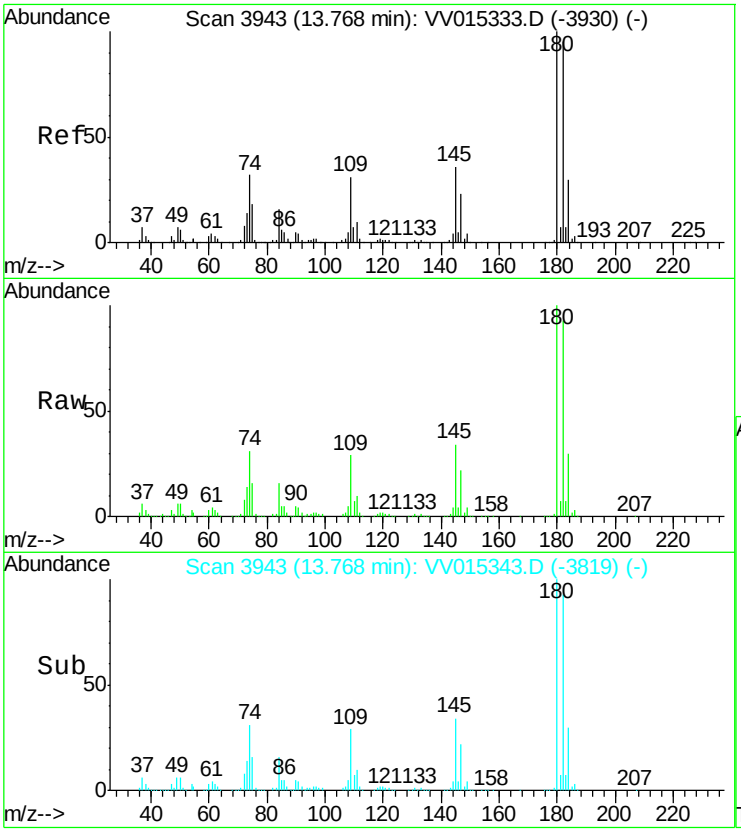


#68
1,2,4-trichlorobenzene
Concen: 164.004 ug/L
RT: 13.29 min Scan# 3793
Delta R.T. -0.00 min
Lab File: VV015343.D
Acq: 01 Apr 2020 20:39

Tgt Ion:180 Resp: 1135552

Ion	Ratio	Lower	Upper
180	100		
182	94.6	75.8	113.8
145	33.2	27.7	41.5

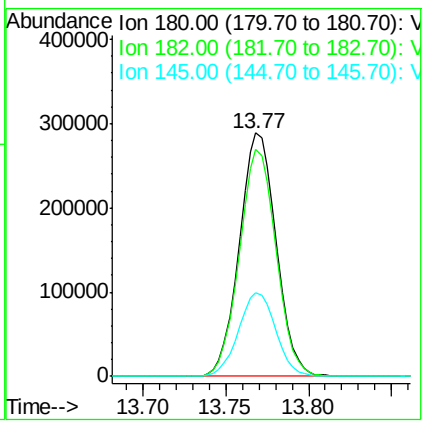




#70
1,2,3-Trichlorobenzene
Concen: 62.514 ug/L
RT: 13.77 min Scan# 3943
Delta R.T. -0.00 min
Lab File: VV015343.D
Acq: 01 Apr 2020 20:39

Tgt Ion:180 Resp: 445862

Ion	Ratio	Lower	Upper
180	100		
182	93.1	76.1	114.1
145	34.8	28.2	42.4



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