Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032720\
Data File : VV015228.D
Acq On : 28 Mar 2020 06:21
Operator : SY/MD
Sample : L2003-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0EK5

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Quant Time: Mar 28 08:11:09 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032720WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 28 05:21:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	639960	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	593150	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	249760	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	139709	53.80	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 107.60%			
7) Chloroethane-d5	1.58	69	138135	49.63	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 99.26%			
11) 1,1-Dichloroethene-d2	2.12	63	228716	35.22	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 70.44%			
21) 2-Butanone-d5	3.94	46	236642m	76.93	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 76.93%			
24) Chloroform-d	4.38	84	285743	42.19	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 84.38%			
26) 1,2-Dichloroethane-d4	5.06	65	192456	43.60	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.20%			
32) Benzene-d6	5.08	84	544327	52.12	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.24%			
36) 1,2-Dichloropropane-d6	6.09	67	182231	46.59	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 93.18%			
41) Toluene-d8	7.34	98	492047	53.46	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 106.92%			
43) trans-1,3-Dichloropropene-	7.64	79	90000	43.05	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.10%			
47) 2-Hexanone-d5	8.12	63	174653	77.36	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 77.36%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	266668	38.70	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 77.40%			
64) 1,2-Dichlorobenzene-d4	11.65	152	189380	44.45	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 88.90%			
Target Compounds						Qvalue
25) Chloroform	4.40	83	7750	0.944	ug/L	89
51) Chlorobenzene	8.90	112	80753	6.748	ug/L	98
62) 1,3-Dichlorobenzene	11.21	146	8466	1.089	ug/L	89
63) 1,4-Dichlorobenzene	11.30	146	67638	8.657	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	53644	6.730	ug/L	99
68) 1,2,4-trichlorobenzene	13.29	180	20808	4.533	ug/L	96
70) 1,2,3-Trichlorobenzene	13.77	180	5175	1.099	ug/L	95

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

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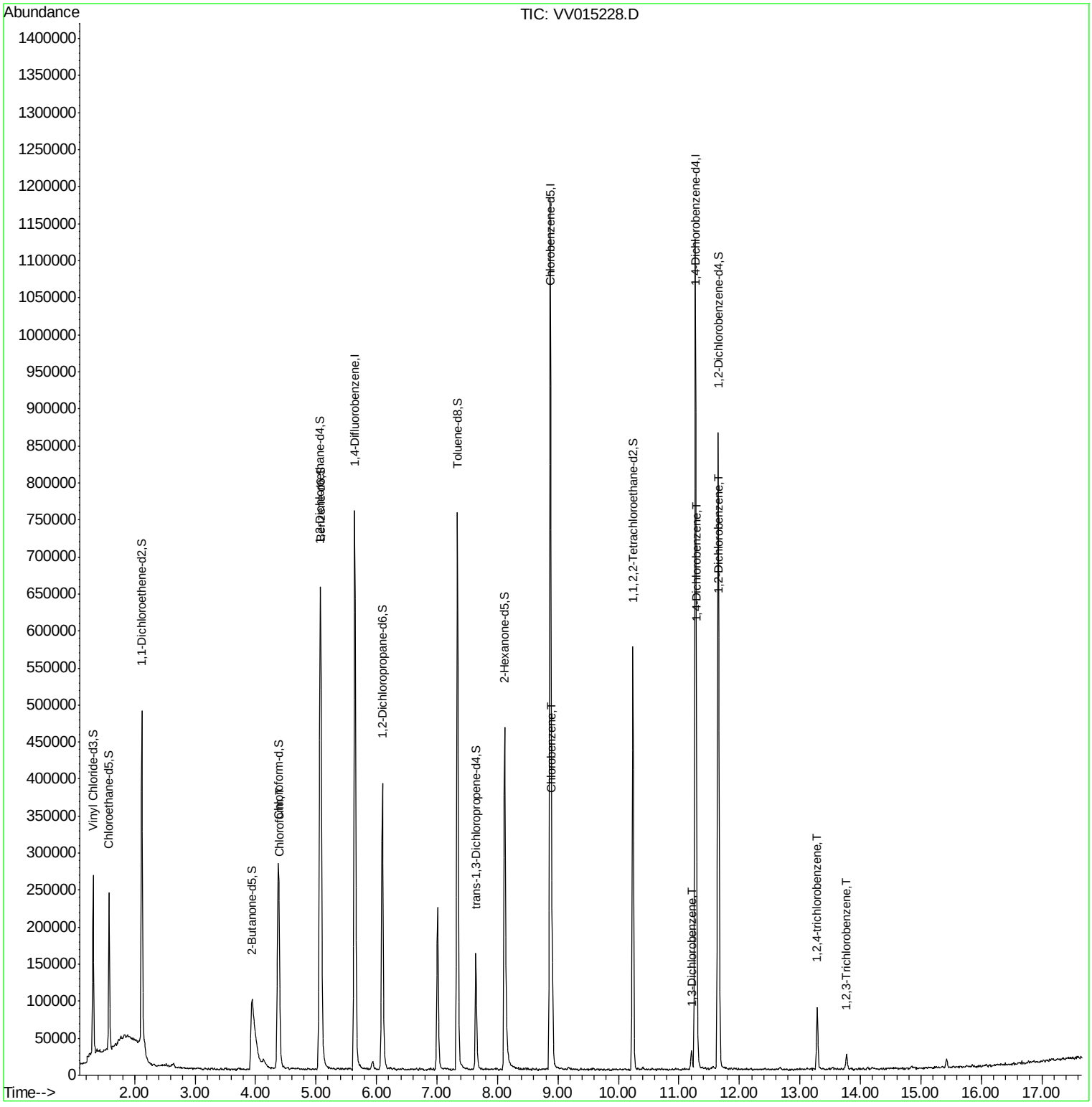
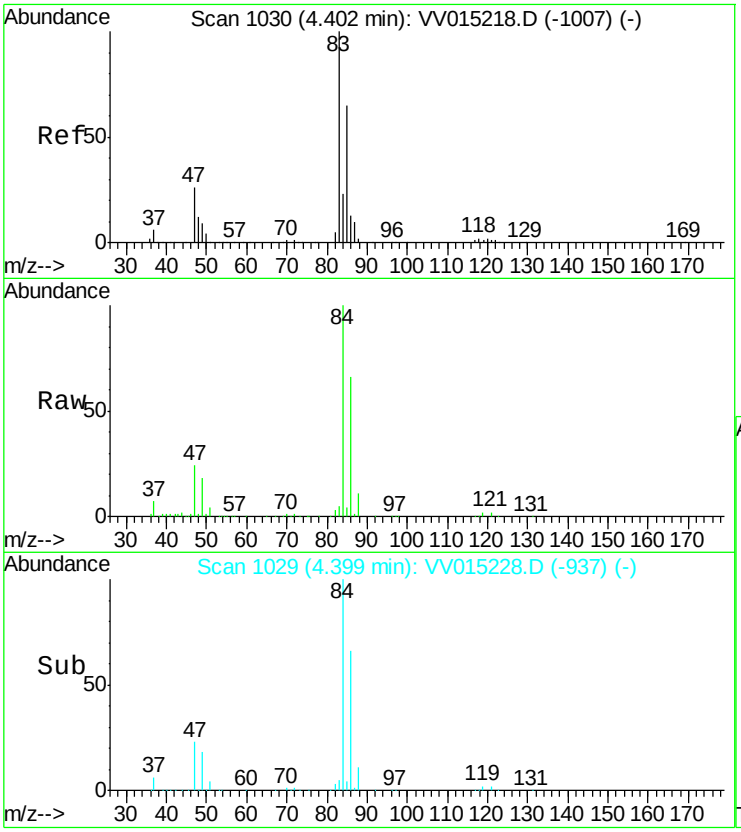
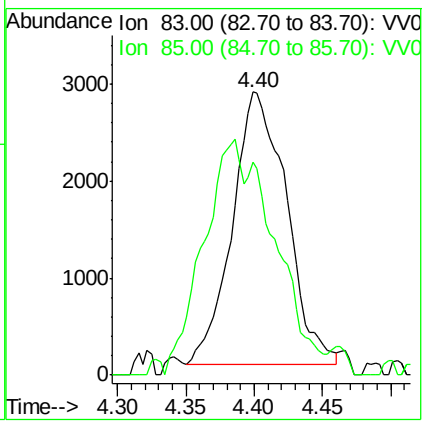




#25
Chloroform
Concen: 0.944 ug/L
RT: 4.40 min Scan# 1029
Delta R.T. -0.00 min
Lab File: VV015228.D
Acq: 28 Mar 2020 06:21

Tgt Ion: 83 Resp: 7750

Ion	Ratio	Lower	Upper
83	100		
85	75.0	46.2	85.8



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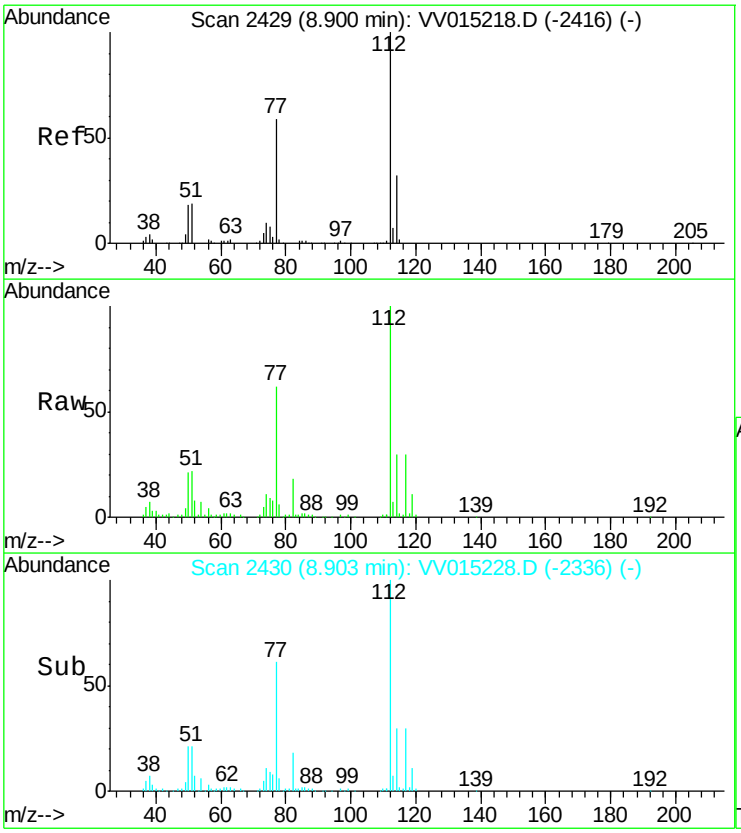
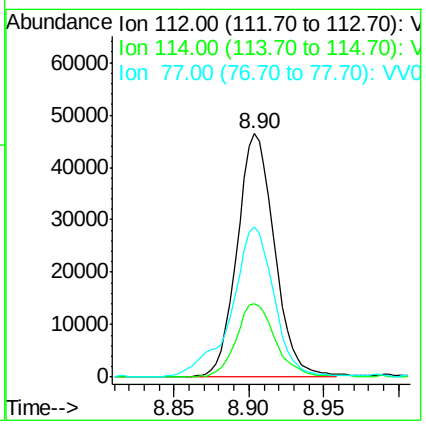
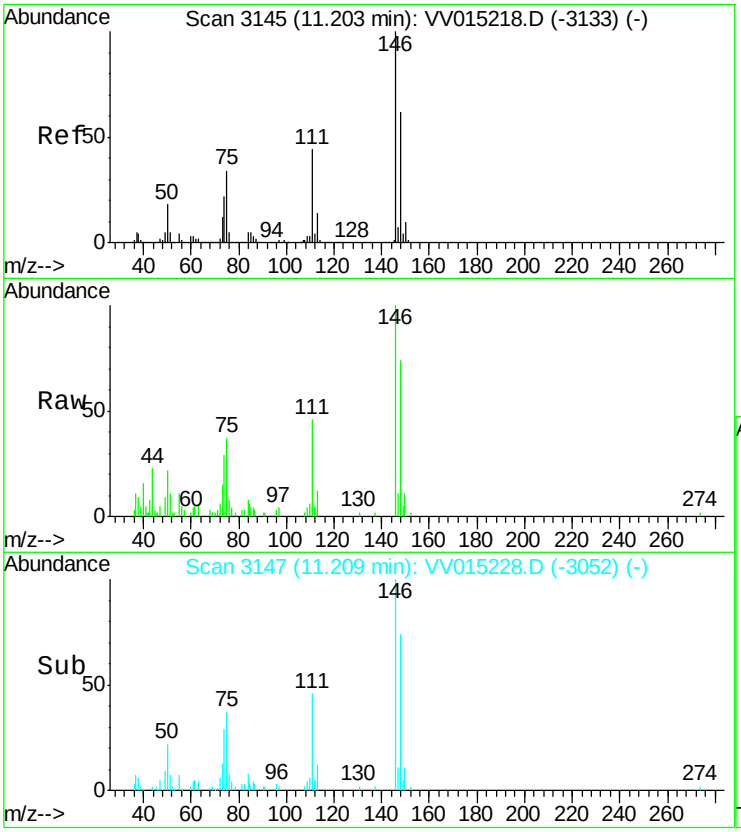


#51
Chlorobenzene
Concen: 6.748 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. 0.00 min
Lab File: VV015228.D
Acq: 28 Mar 2020 06:21

Tgt Ion:112 Resp: 80753

Ion	Ratio	Lower	Upper
112	100		
114	30.1	22.3	41.5
77	61.8	48.2	72.2

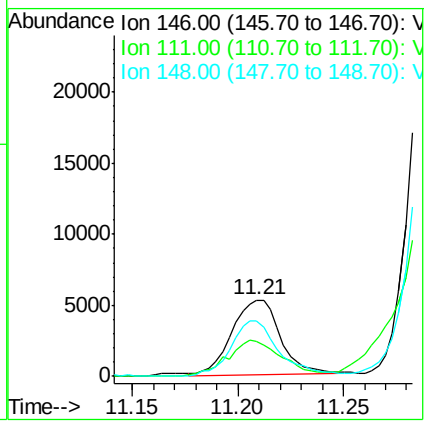




#62
1,3-Dichlorobenzene
Concen: 1.089 ug/L
RT: 11.21 min Scan# 3147
Delta R.T. 0.01 min
Lab File: VV015228.D
Acq: 28 Mar 2020 06:21

Tgt Ion:146 Resp: 8466

Ion	Ratio	Lower	Upper
146	100		
111	50.5	32.1	59.7
148	73.7	44.0	81.6



Instrument :
MSVOA_V
ClientSampleId :
C0EK5

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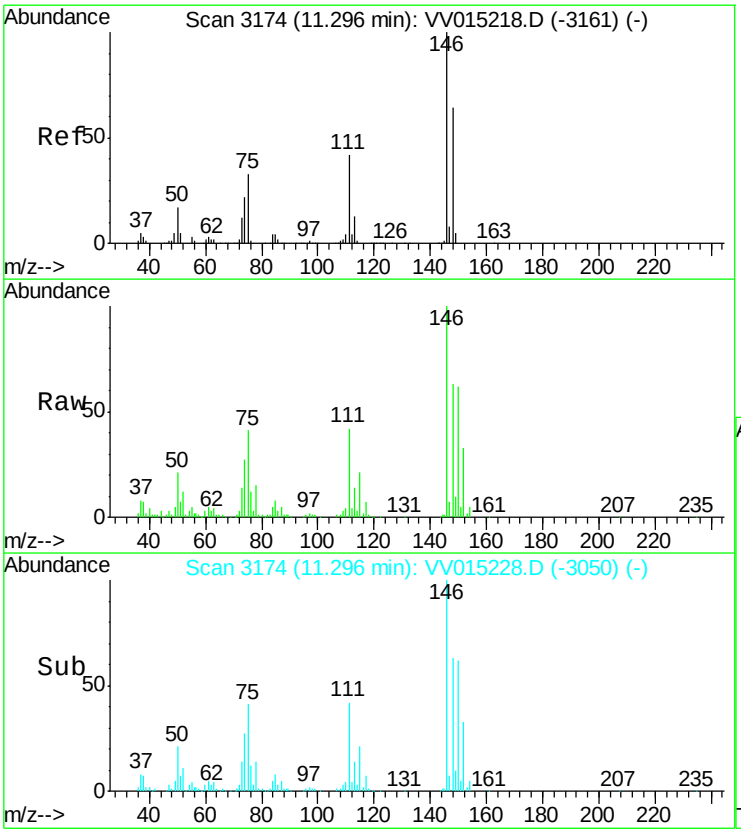
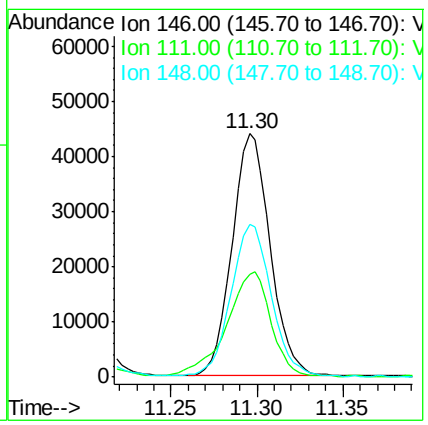
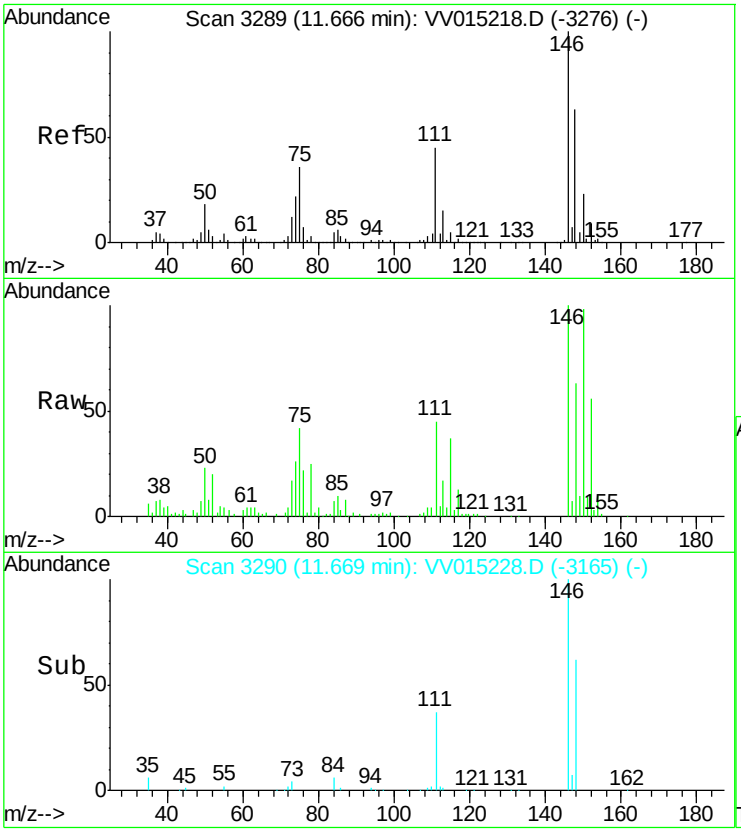


#63
1,4-Dichlorobenzene
Concen: 8.657 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. -0.00 min
Lab File: VV015228.D
Acq: 28 Mar 2020 06:21

Tgt Ion:146 Resp: 67638

Ion	Ratio	Lower	Upper
146	100		
111	42.2	29.4	54.6
148	62.8	43.6	81.0

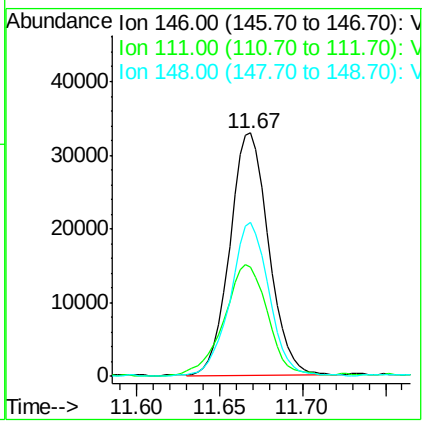




#65
1,2-Dichlorobenzene
Concen: 6.730 ug/L
RT: 11.67 min Scan# 3290
Delta R.T. 0.00 min
Lab File: VV015228.D
Acq: 28 Mar 2020 06:21

Tgt Ion:146 Resp: 53644

Ion	Ratio	Lower	Upper
146	100		
111	44.9	37.6	56.4
148	63.4	50.6	76.0



Instrument :
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ClientSampleId :
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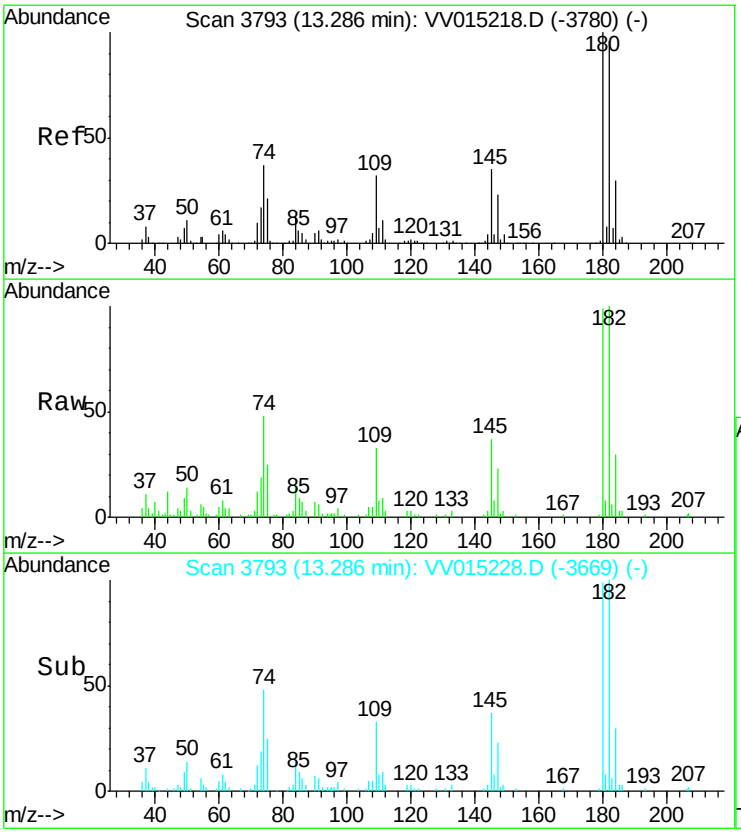
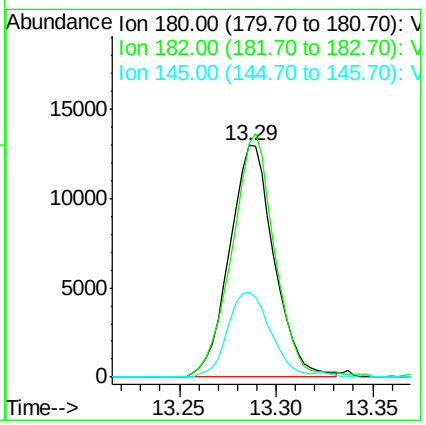
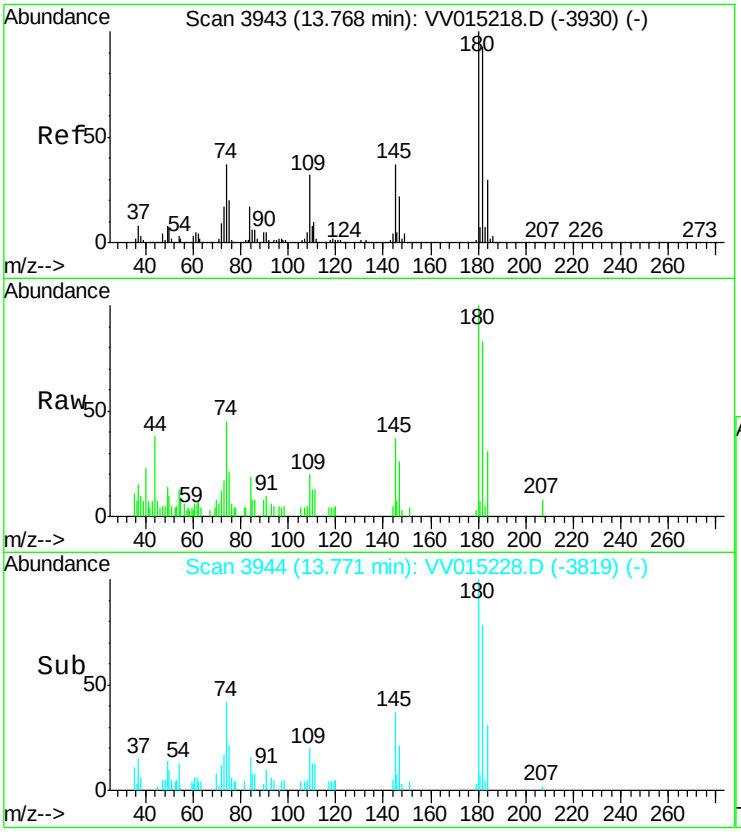


#68
1,2,4-trichlorobenzene
Concen: 4.533 ug/L
RT: 13.29 min Scan# 3793
Delta R.T. -0.00 min
Lab File: VV015228.D
Acq: 28 Mar 2020 06:21

Tgt Ion:180 Resp: 20808

Ion	Ratio	Lower	Upper
180	100		
182	99.4	75.5	113.3
145	35.2	28.5	42.7

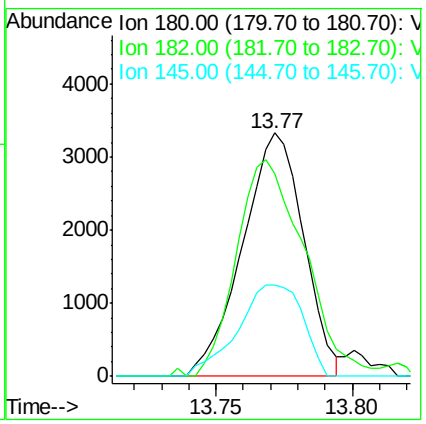




#70
1,2,3-Trichlorobenzene
Concen: 1.099 ug/L
RT: 13.77 min Scan# 3944
Delta R.T. 0.00 min
Lab File: VV015228.D
Acq: 28 Mar 2020 06:21

Tgt Ion:180 Resp: 5175

Ion	Ratio	Lower	Upper
180	100		
182	99.0	75.9	113.9
145	39.9	29.0	43.6



Instrument :
MSVOA_V
ClientSampleId :
C0EK5

Manual Integrations APPROVED
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3/31/2020 9:23:43 AM