Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV040120\
Data File : VV015355.D
Acq On : 02 Apr 2020 03:49
Operator : SY/MD
Sample : L2005-07 500X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0DE9

Quant Time: Apr 02 06:57:56 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM040120WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 02 06:34:01 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	704486	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	667435	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	309168	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	159978	25.33	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 50.66%#			
7) Chloroethane-d5	1.58	69	164140	30.42	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 60.84%#			
11) 1,1-Dichloroethene-d2	2.12	63	271913	24.08	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 48.16%#			
21) 2-Butanone-d5	3.94	46	268382	79.94	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 79.94%			
24) Chloroform-d	4.37	84	374856	35.95	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 71.90%			
26) 1,2-Dichloroethane-d4	5.06	65	239552	36.88	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 73.76%			
32) Benzene-d6	5.07	84	750353	36.51	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 73.02%			
36) 1,2-Dichloropropane-d6	6.09	67	233602	38.55	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 77.10%			
41) Toluene-d8	7.34	98	716060	36.43	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 72.86%#			
43) trans-1,3-Dichloropropene-	7.64	79	106613	31.84	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 63.68%			
47) 2-Hexanone-d5	8.12	63	221007	79.85	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 79.85%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	347385	40.29	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 80.58%			
64) 1,2-Dichlorobenzene-d4	11.65	152	290167	41.26	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 82.52%			
Target Compounds						Qvalue
25) Chloroform	4.40	83	12360	1.301	ug/L	100
33) Benzene	5.13	78	907062	45.916	ug/L	100
51) Chlorobenzene	8.90	112	2066649	143.625	ug/L	98
62) 1,3-Dichlorobenzene	11.21	146	34808	3.344	ug/L	94
63) 1,4-Dichlorobenzene	11.30	146	615929	58.348	ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	604150	56.910	ug/L	99
68) 1,2,4-trichlorobenzene	13.29	180	20735	3.291	ug/L	96
70) 1,2,3-Trichlorobenzene	13.77	180	6584	1.014	ug/L	98

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

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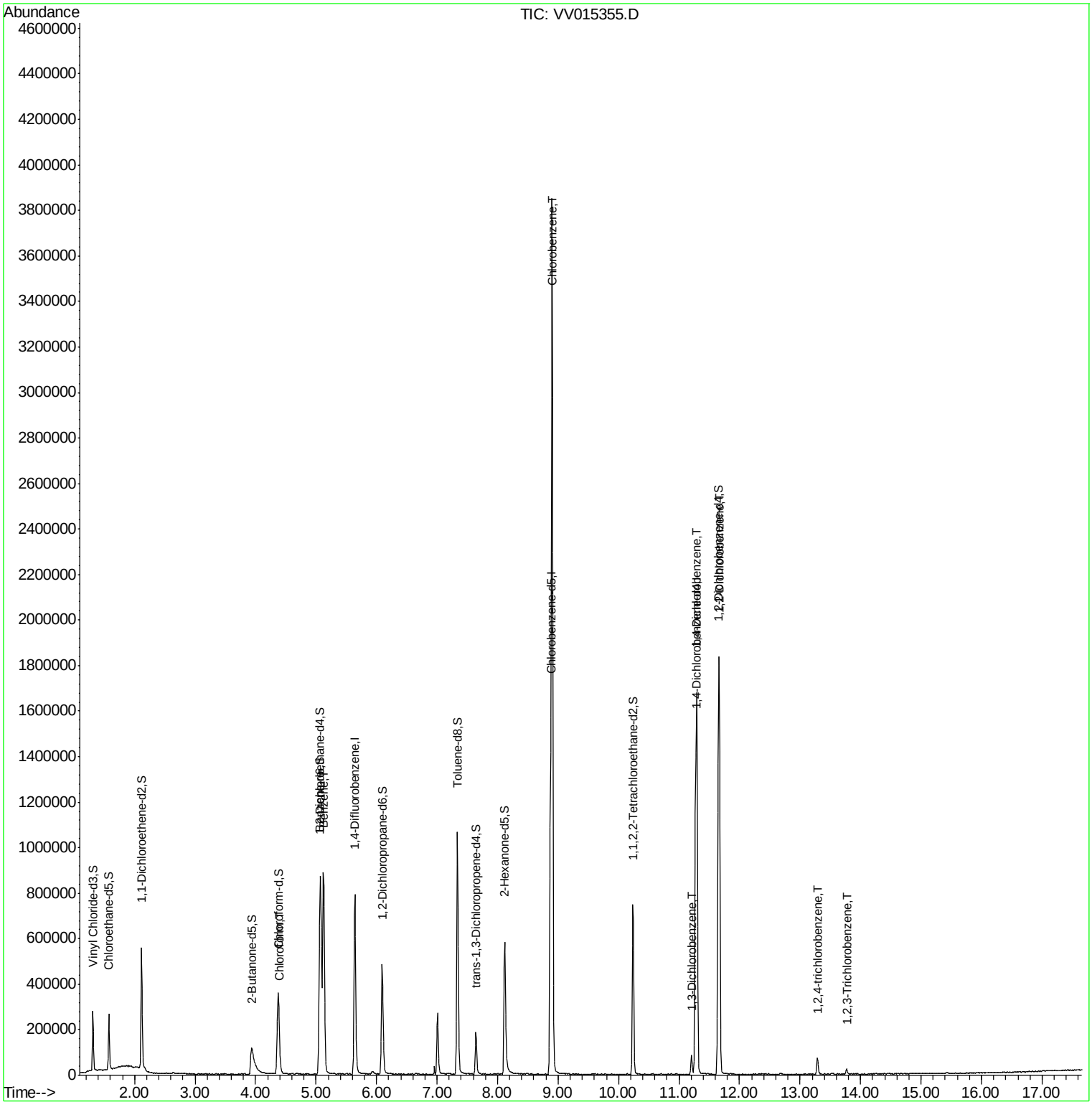
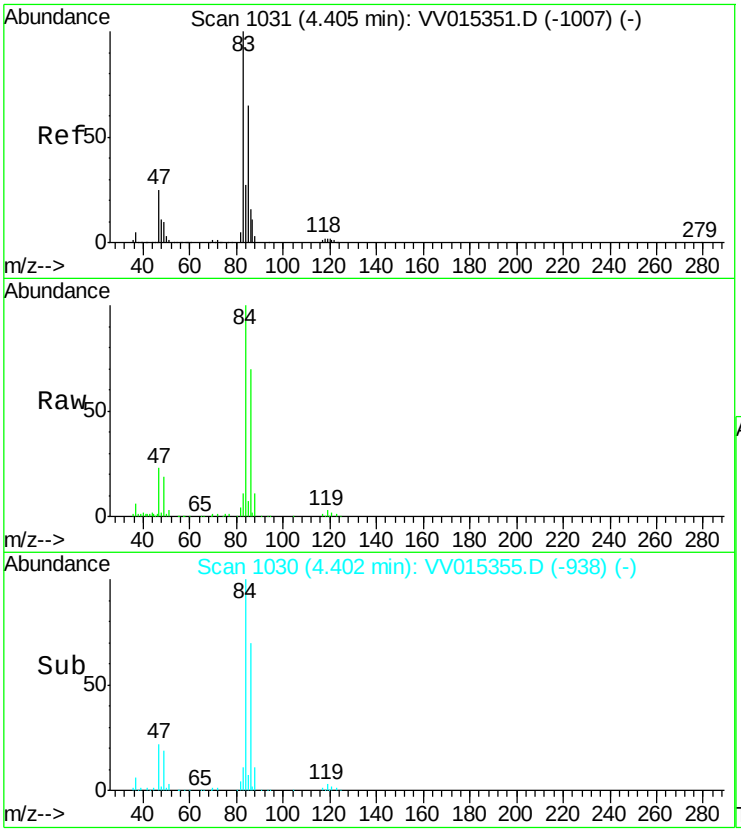
ClientSampleId :
C0DE9

Quant Time: Apr 02 06:57:56 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM040120WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 02 06:34:01 2020
Response via : Initial Calibration



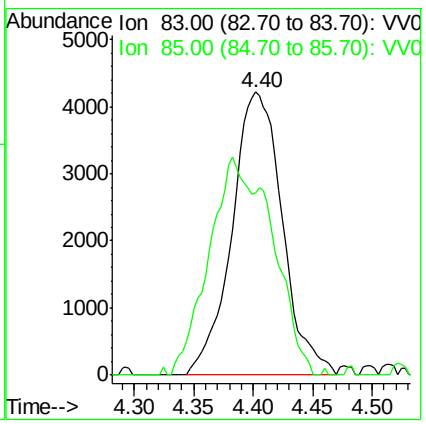


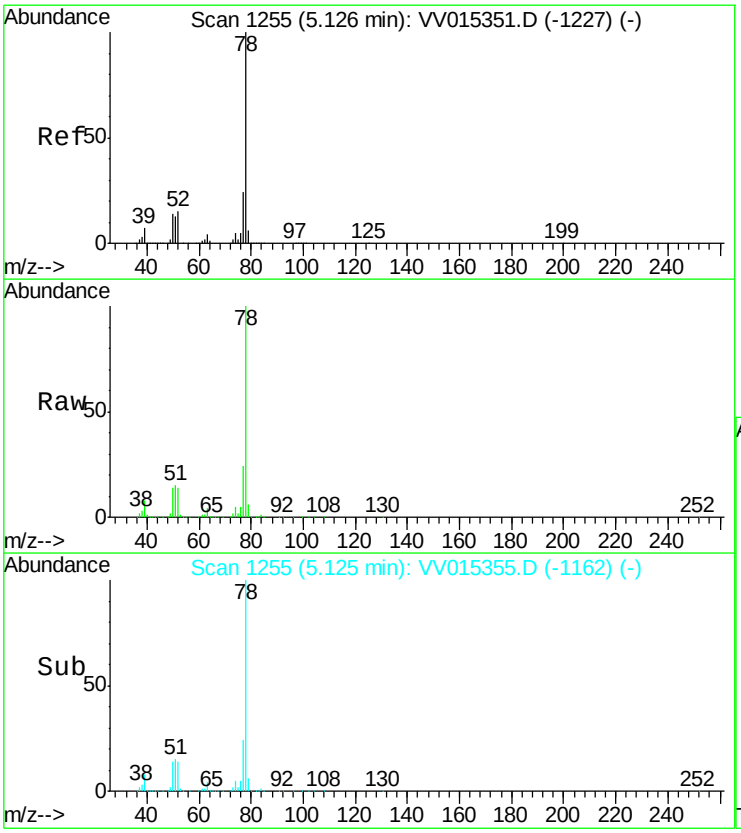
#25
Chloroform
Concen: 1.301 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VV015355.D
Acq: 02 Apr 2020 03:49

Instrument :
MSVOA_V
ClientSampleId :
C0DE9

Tgt Ion: 83 Resp: 12360

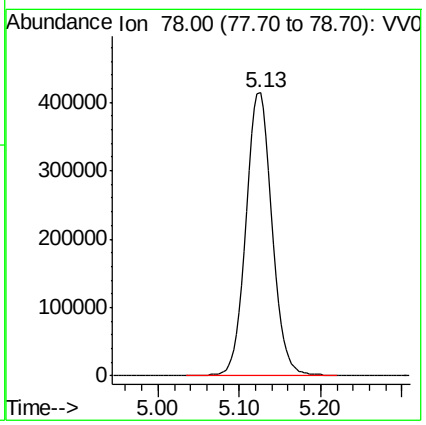
Ion	Ratio	Lower	Upper
83	100		
85	64.2	45.1	83.9

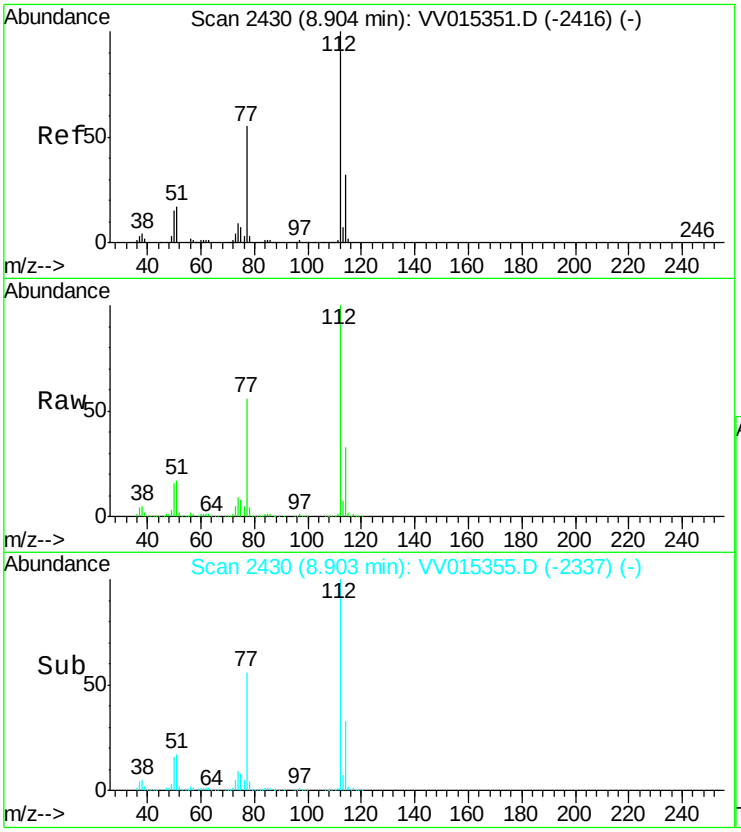




#33
Benzene
Concen: 45.916 ug/L
RT: 5.13 min Scan# 1255
Delta R.T. -0.00 min
Lab File: VV015355.D
Acq: 02 Apr 2020 03:49

Tgt Ion: 78 Resp: 907062



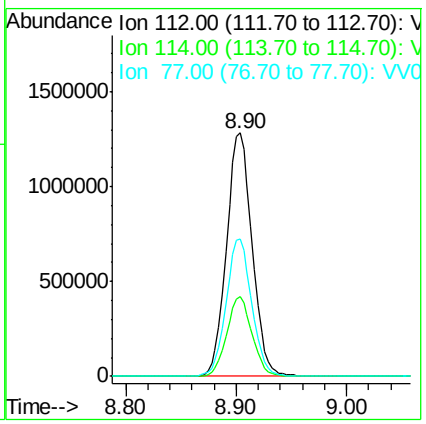


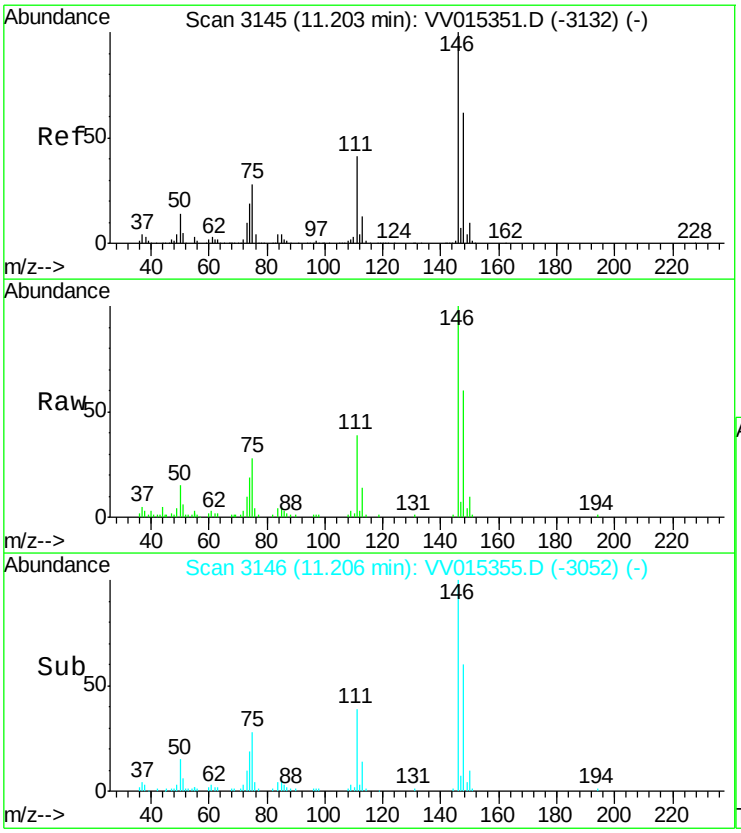
#51
Chlorobenzene
Concen: 143.625 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. -0.00 min
Lab File: VV015355.D
Acq: 02 Apr 2020 03:49

Instrument : MSVOA_V
ClientSampleId : C0DE9

Tgt Ion:112 Resp: 2066649

Ion	Ratio	Lower	Upper
112	100		
114	32.5	21.8	40.4
77	56.3	46.2	69.2

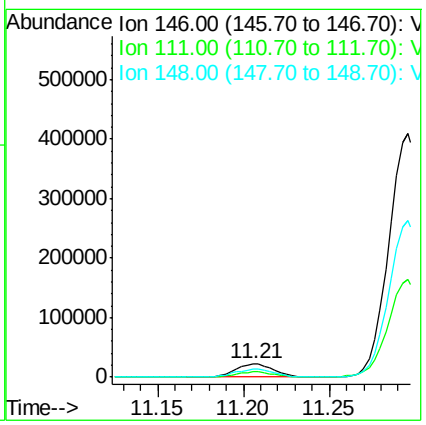


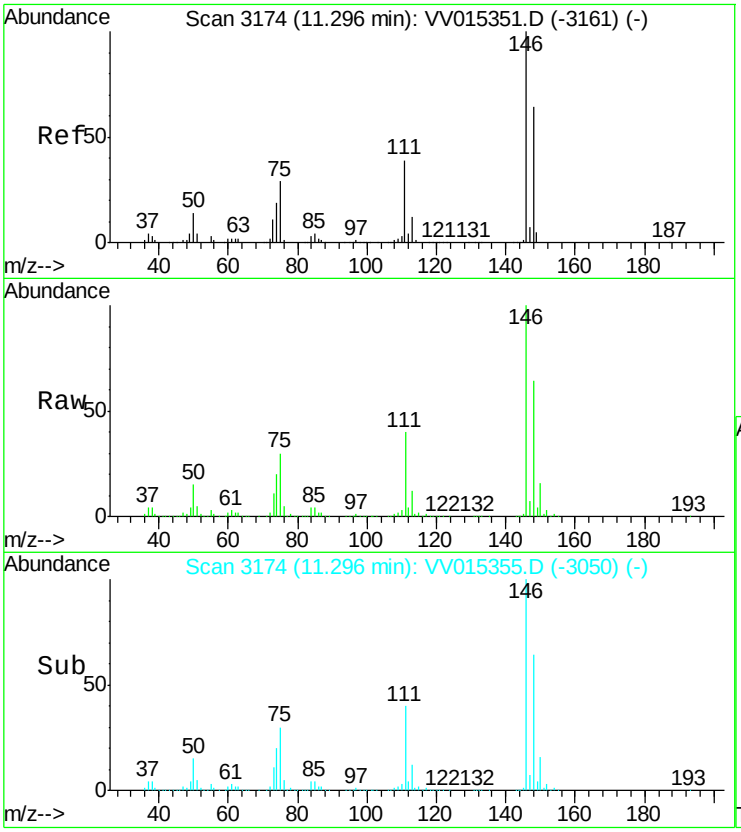


#62
1,3-Dichlorobenzene
Concen: 3.344 ug/L
RT: 11.21 min Scan# 3146
Delta R.T. 0.00 min
Lab File: VV015355.D
Acq: 02 Apr 2020 03:49

Tgt Ion:146 Resp: 34808

Ion	Ratio	Lower	Upper
146	100		
111	38.7	30.2	56.2
148	60.0	44.7	83.1



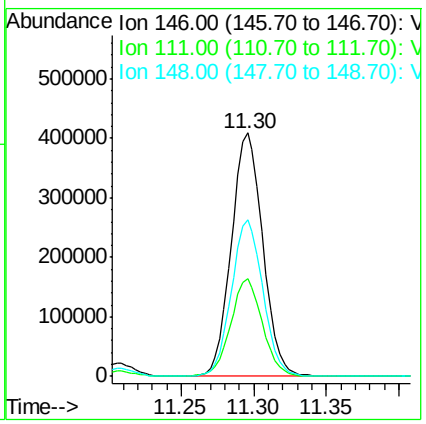


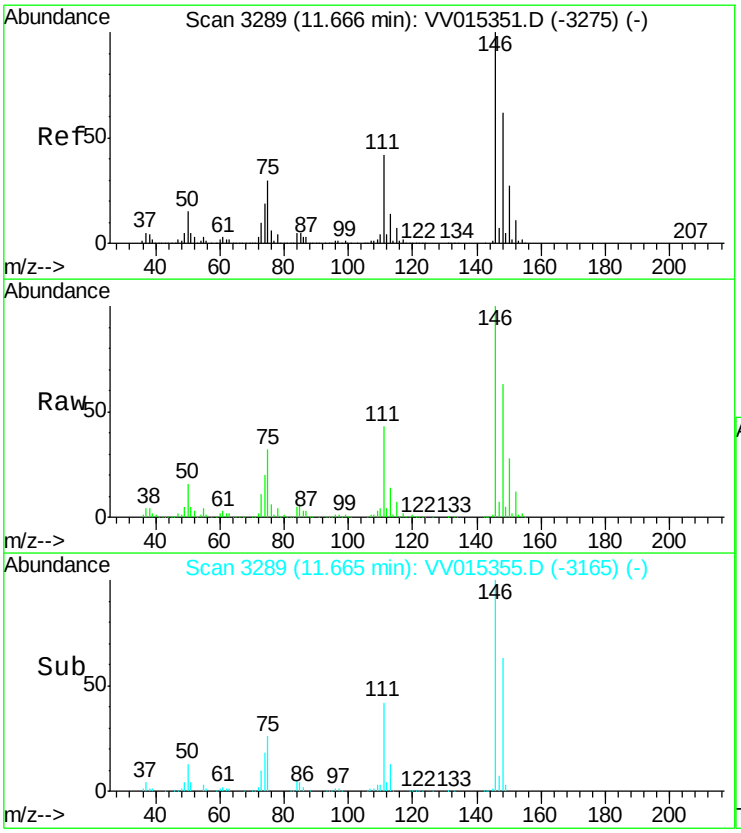
#63
1,4-Dichlorobenzene
Concen: 58.348 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. -0.00 min
Lab File: VV015355.D
Acq: 02 Apr 2020 03:49

Instrument :
MSVOA_V
ClientSampleId :
C0DE9

Tgt Ion:146 Resp: 615929

Ion	Ratio	Lower	Upper
146	100		
111	39.9	29.3	54.5
148	64.3	44.7	82.9

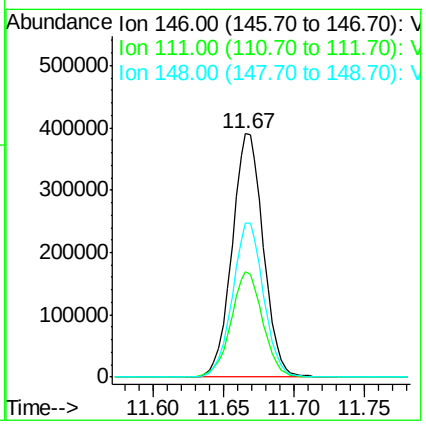


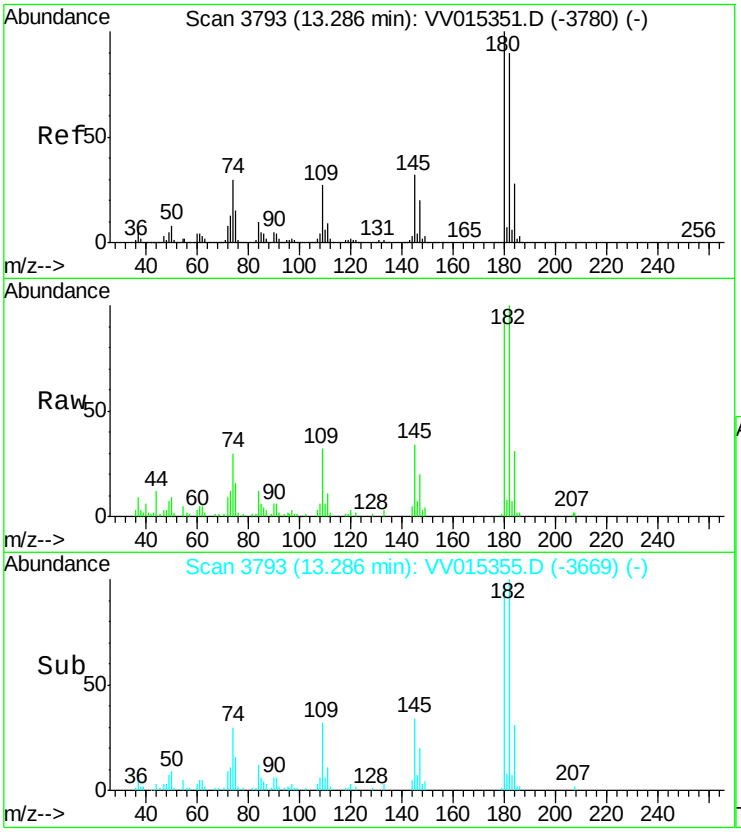


#65
1,2-Dichlorobenzene
Concen: 56.910 ug/L
RT: 11.67 min Scan# 3289
Delta R.T. -0.00 min
Lab File: VV015355.D
Acq: 02 Apr 2020 03:49

Tgt Ion:146 Resp: 604150

Ion	Ratio	Lower	Upper
146	100		
111	43.1	35.1	52.7
148	63.0	51.0	76.4



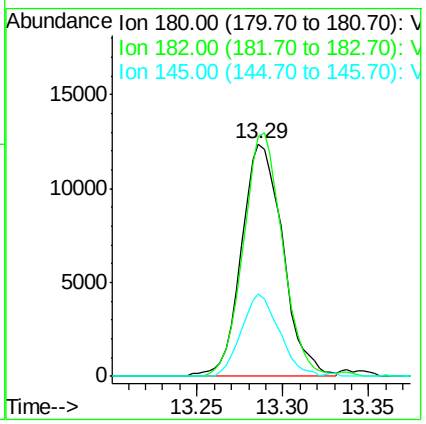


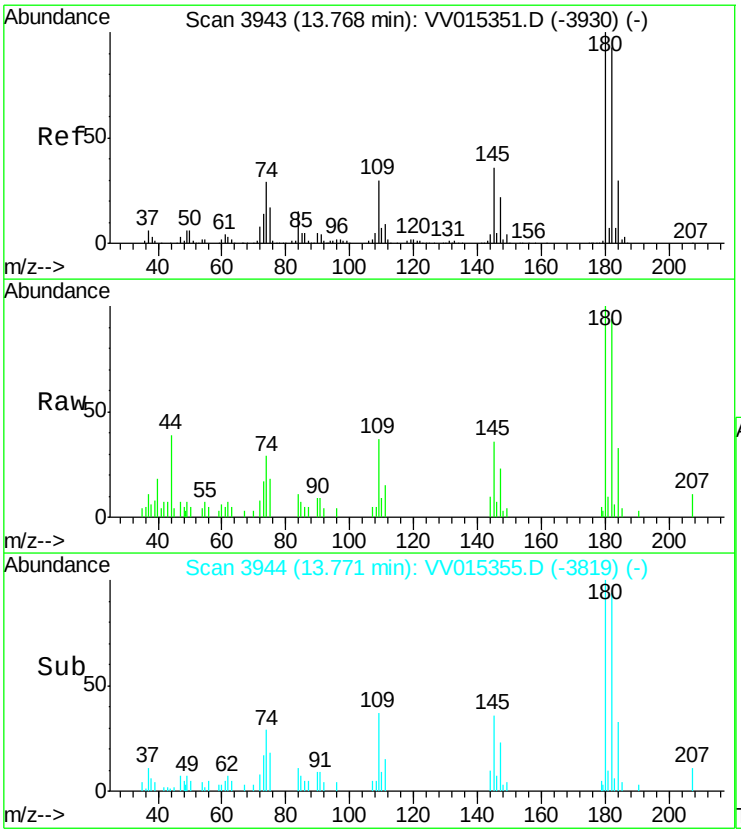
#68
1,2,4-trichlorobenzene
Concen: 3.291 ug/L
RT: 13.29 min Scan# 3793
Delta R.T. -0.00 min
Lab File: VV015355.D
Acq: 02 Apr 2020 03:49

Instrument :
MSVOA_V
ClientSampleId :
C0DE9

Tgt Ion:180 Resp: 20735

Ion	Ratio	Lower	Upper
180	100		
182	98.6	75.8	113.8
145	32.2	27.7	41.5





#70
1,2,3-Trichlorobenzene
Concen: 1.014 ug/L
RT: 13.77 min Scan# 3944
Delta R.T. 0.00 min
Lab File: VV015355.D
Acq: 02 Apr 2020 03:49

Tgt Ion:180 Resp: 6584

Ion	Ratio	Lower	Upper
180	100		
182	94.0	76.1	114.1
145	38.8	28.2	42.4