Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032619\

Quantitation Report (Not Reviewed)

Data File : VU030449.D
Acq On : 26 Mar 2019 17:31
Operator : JC/SP
Sample : K2022-11 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C09B2

Quant Time: Mar 27 06:03:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 27 06:00:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	458278	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	442948	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	209477	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	170027	46.10	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 92.20%			
7) Chloroethane-d5	1.67	69	141766	48.49	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 96.98%			
11) 1,1-Dichloroethene-d2	2.27	63	244411	34.93	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 69.86%			
21) 2-Butanone-d5	4.17	46	344421	99.34	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 99.34%			
24) Chloroform-d	4.64	84	302297	47.57	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.14%			
26) 1,2-Dichloroethane-d4	5.31	65	201088	48.36	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.72%			
32) Benzene-d6	5.34	84	618181	48.67	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.34%			
36) 1,2-Dichloropropane-d6	6.32	67	216806	49.89	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 99.78%			
41) Toluene-d8	7.56	98	528773	46.35	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.70%			
43) trans-1,3-Dichloropropene-	7.85	79	93859	45.93	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 91.86%			
47) 2-Hexanone-d5	8.31	63	221311	93.97	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 93.97%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	297484	47.83	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 95.66%			
64) 1,2-Dichlorobenzene-d4	11.95	152	88	0.02	ug/L	0.10
Spiked Amount 50.000	Range 80 - 120		Recovery = 0.04%#			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1968	0.588	ug/L #	21
13) Acetone	2.32	43	8311	2.370	ug/L	98
25) Chloroform	4.66	83	7587	1.131	ug/L	100
27) 1,2-Dichloroethane	5.38	62	36863	7.001	ug/L #	75
33) Benzene	5.39	78	4372571	289.989	ug/L	100
44) trans-1,3-Dichloropropene	7.85	75	3982	0.736	ug/L	88
48) 2-Hexanone	8.31	43	27172	4.613	ug/L #	72
51) Chlorobenzene	9.12	112	12298285	1296.718	ug/L	96
62) 1,3-Dichlorobenzene	11.41	146	214585	31.324	ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	4527563	641.991	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	4247485	613.187	ug/L	100
67) 1,3,5-Trichlorobenzene	13.50	180	89362	17.425	ug/L	98
68) 1,2,4-trichlorobenzene	13.50	180	89362	20.054	ug/L	97
70) 1,2,3-Trichlorobenzene	13.99	180	20194	4.292	ug/L	98

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

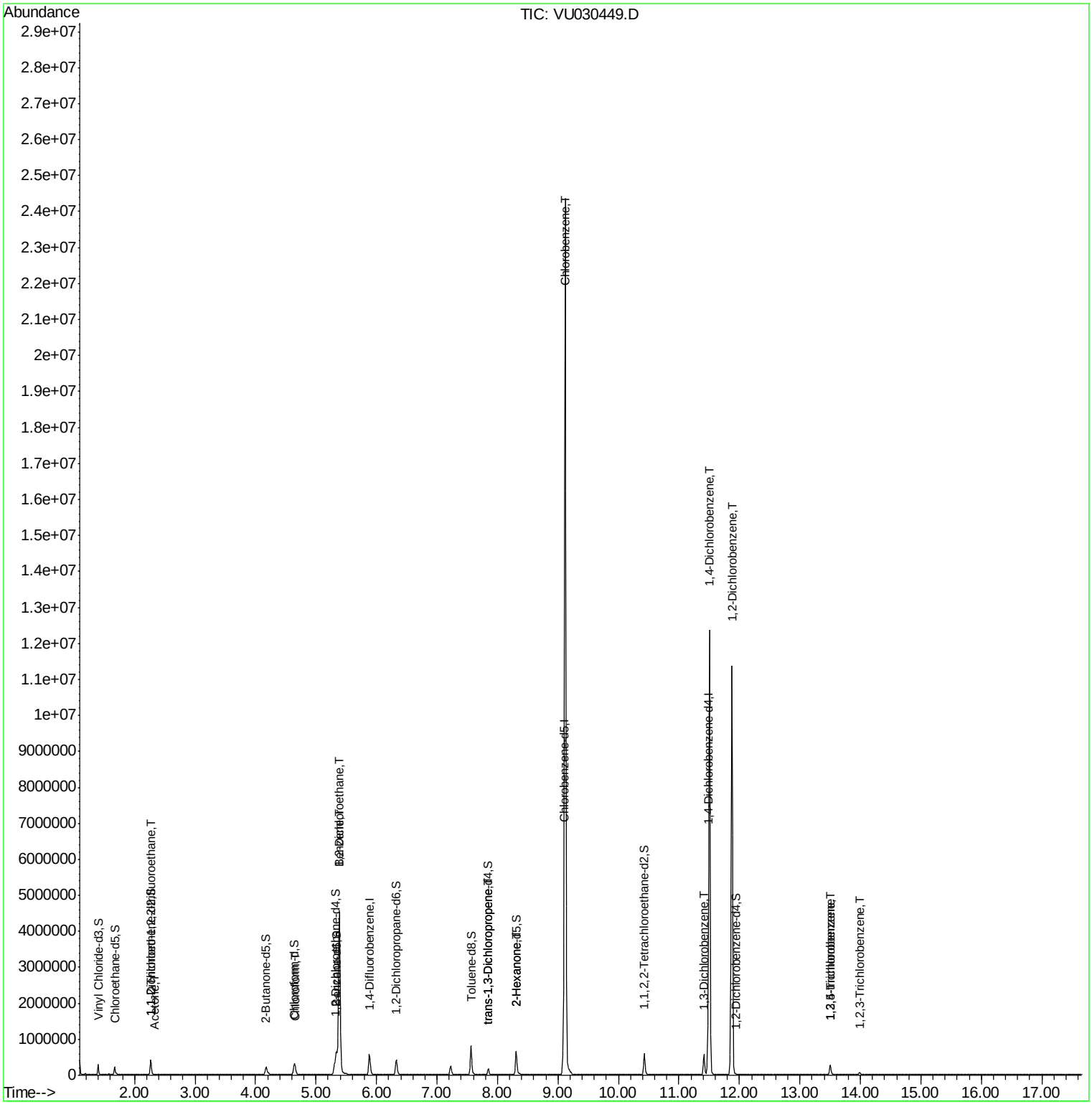
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032619\

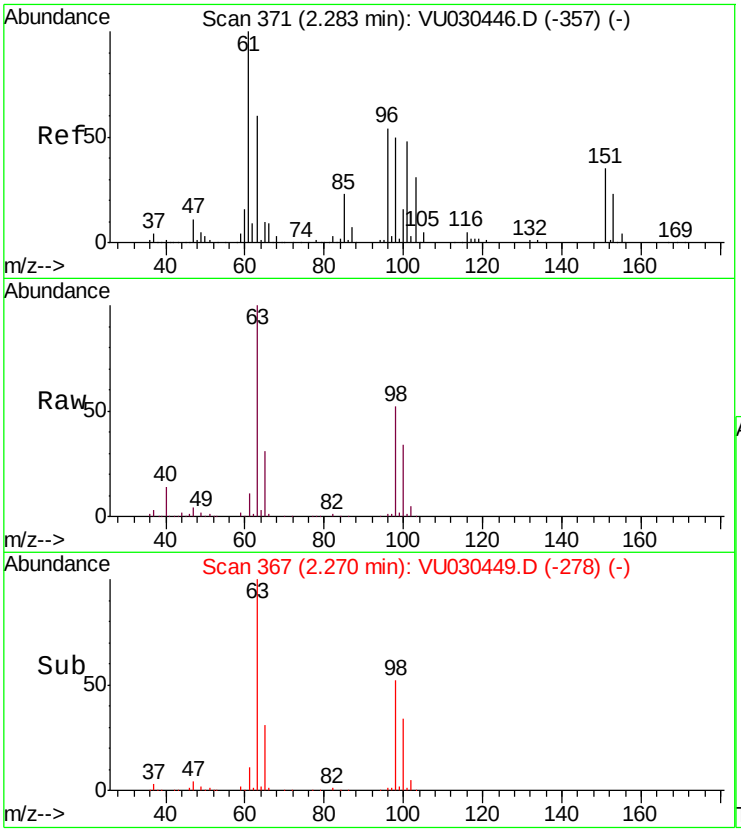
Quantitation Report (Not Reviewed)

Data File : VU030449.D
Acq On : 26 Mar 2019 17:31
Operator : JC/SP
Sample : K2022-11 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C09B2

Quant Time: Mar 27 06:03:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 27 06:00:22 2019
Response via : Initial Calibration



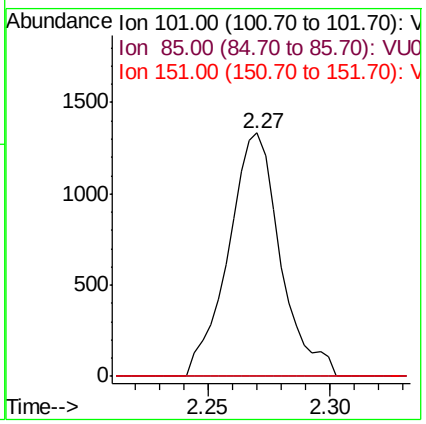


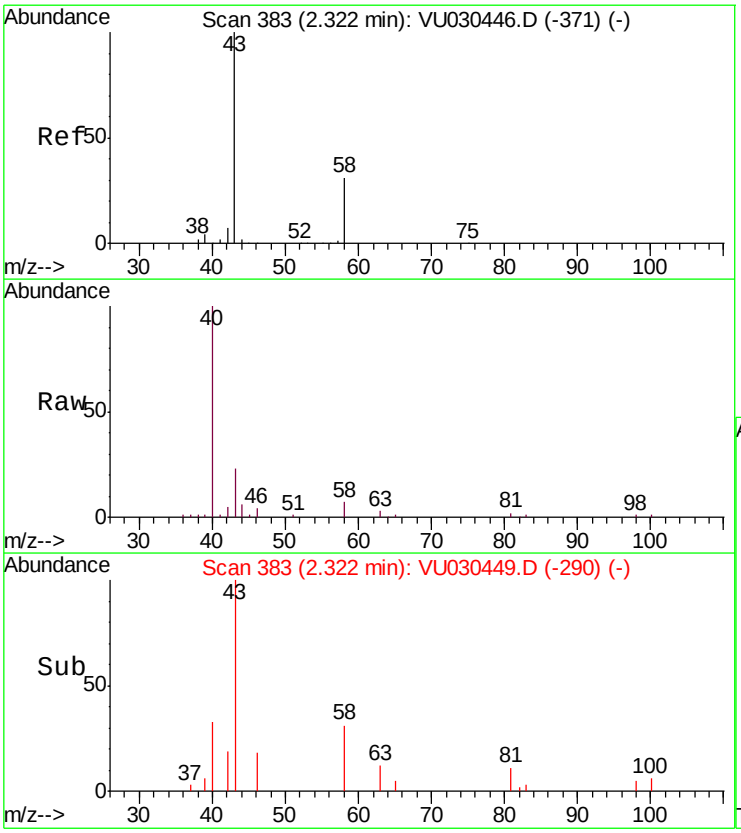
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.588 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.01 min
Lab File: VU030449.D
Acq: 26 Mar 2019 17:31

Instrument : MSVOA_U
ClientSampleId : C09B2

Tgt Ion:101 Resp: 1968

Ion	Ratio	Lower	Upper
101	100		
85	0.0	34.8	52.2#
151	0.0	56.6	85.0#

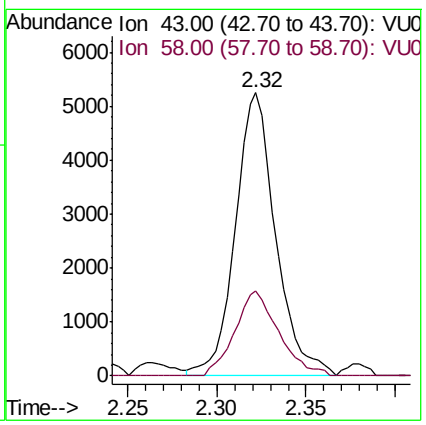


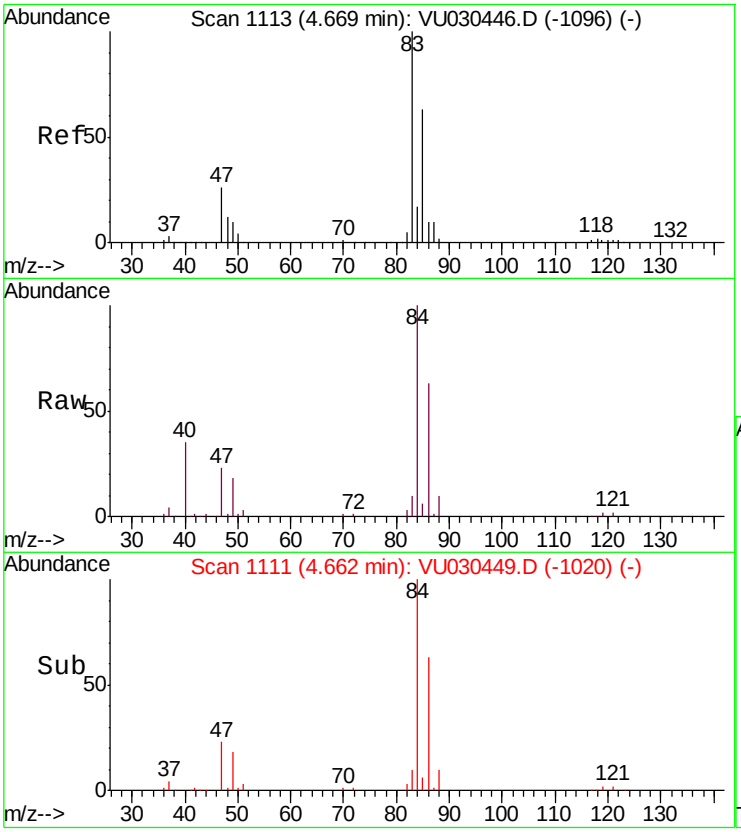


#13
Acetone
Concen: 2.370 ug/L
RT: 2.32 min Scan# 383
Delta R.T. 0.00 min
Lab File: VU030449.D
Acq: 26 Mar 2019 17:31

Tgt Ion: 43 Resp: 8311

Ion	Ratio	Lower	Upper
43	100		
58	32.3	0.0	62.8



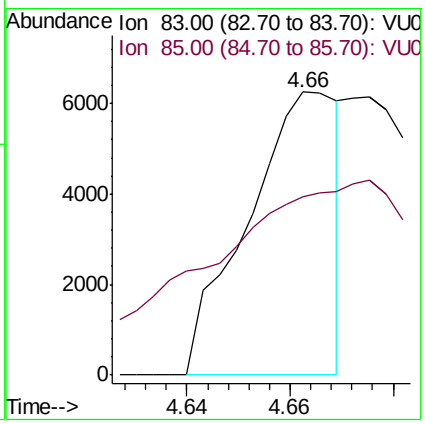


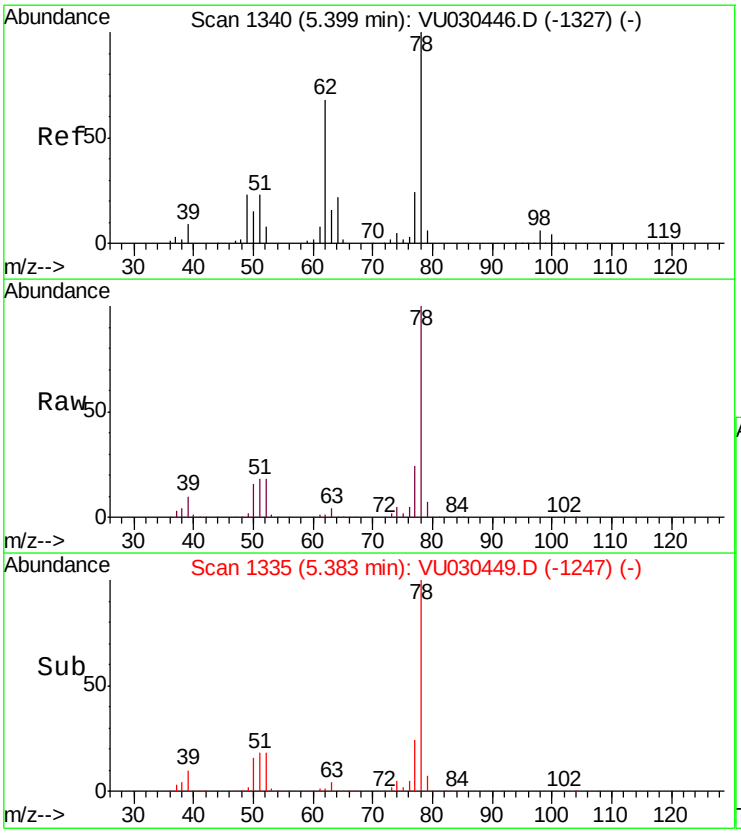
#25
Chloroform
Concen: 1.131 ug/L
RT: 4.66 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VU030449.D
Acq: 26 Mar 2019 17:31

Instrument :
MSVOA_U
ClientSampleId :
C09B2

Tgt Ion: 83 Resp: 7587

Ion	Ratio	Lower	Upper
83	100		
85	63.1	44.4	82.4

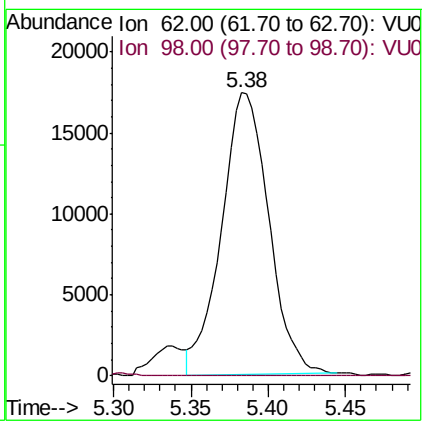


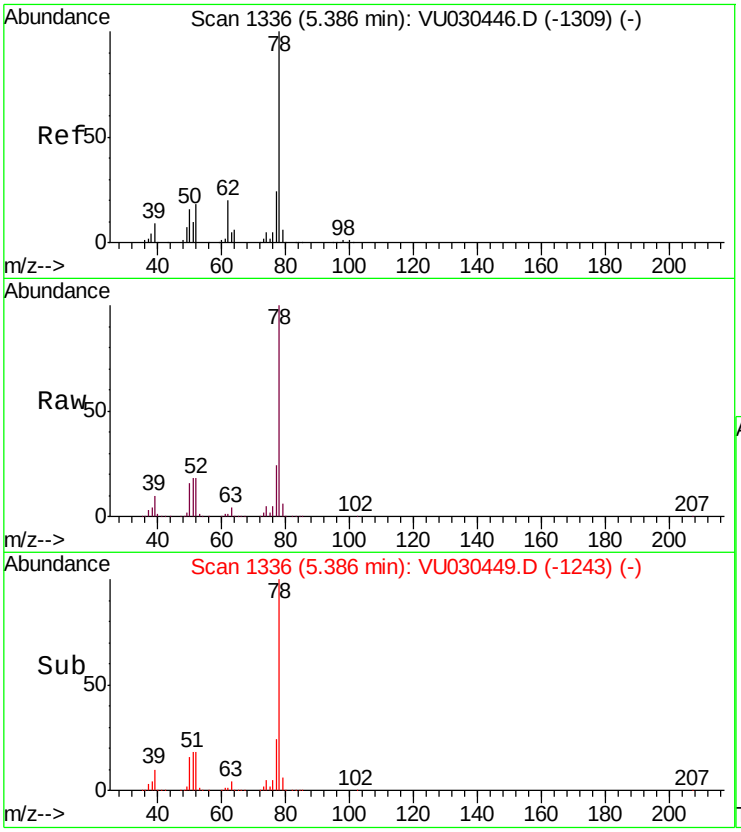


#27
1,2-Dichloroethane
Concen: 7.001 ug/L
RT: 5.38 min Scan# 1335
Delta R.T. -0.02 min
Lab File: VU030449.D
Acq: 26 Mar 2019 17:31

Tgt Ion: 62 Resp: 36863

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.2	10.8#

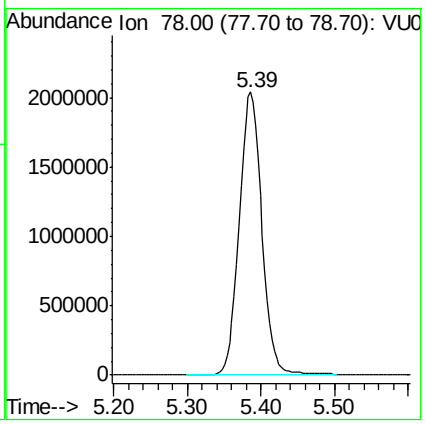


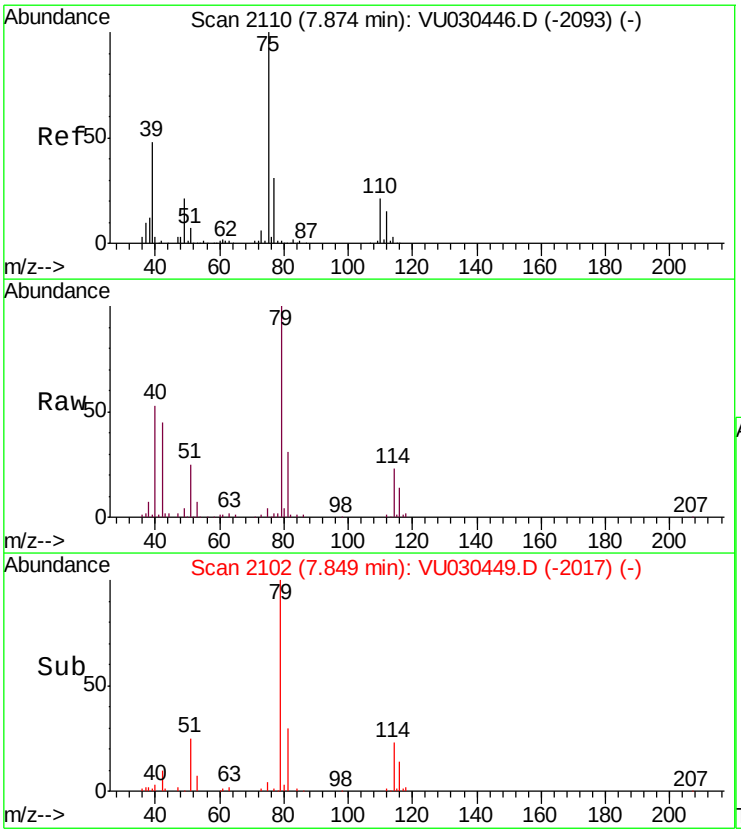


#33
Benzene
Concen: 289.989 ug/L
RT: 5.39 min Scan# 1336
Delta R.T. 0.00 min
Lab File: VU030449.D
Acq: 26 Mar 2019 17:31

Instrument :
MSVOA_U
ClientSampleId :
C09B2

Tgt Ion: 78 Resp: 4372571

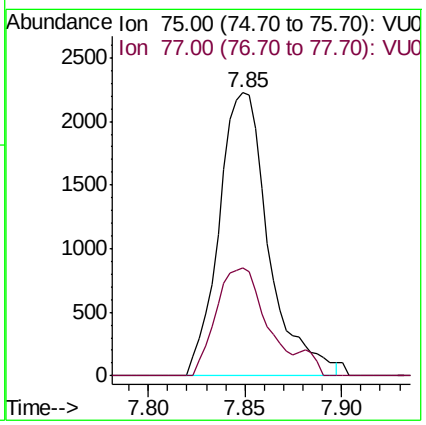


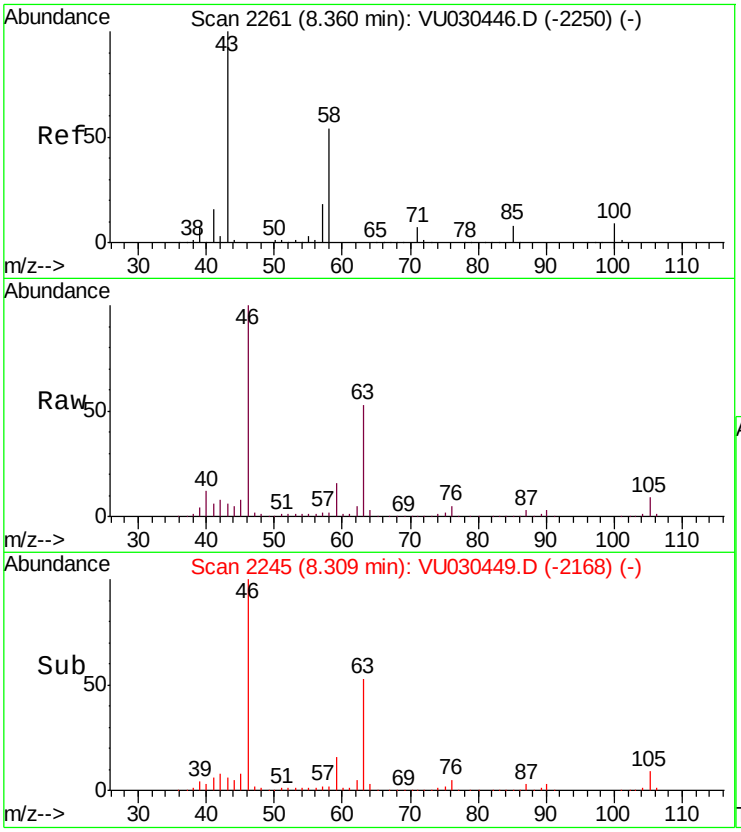


#44
trans-1,3-Dichloropropene
Concen: 0.736 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU030449.D
Acq: 26 Mar 2019 17:31

Tgt Ion: 75 Resp: 3982

Ion	Ratio	Lower	Upper
75	100		
77	38.3	22.0	40.8



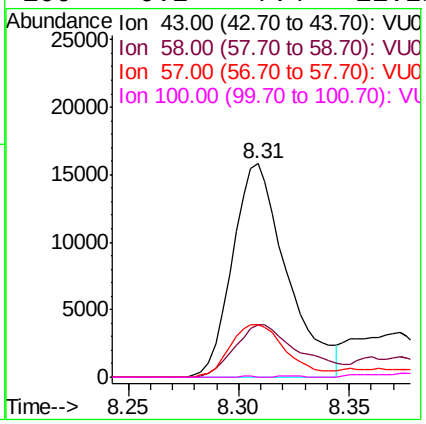


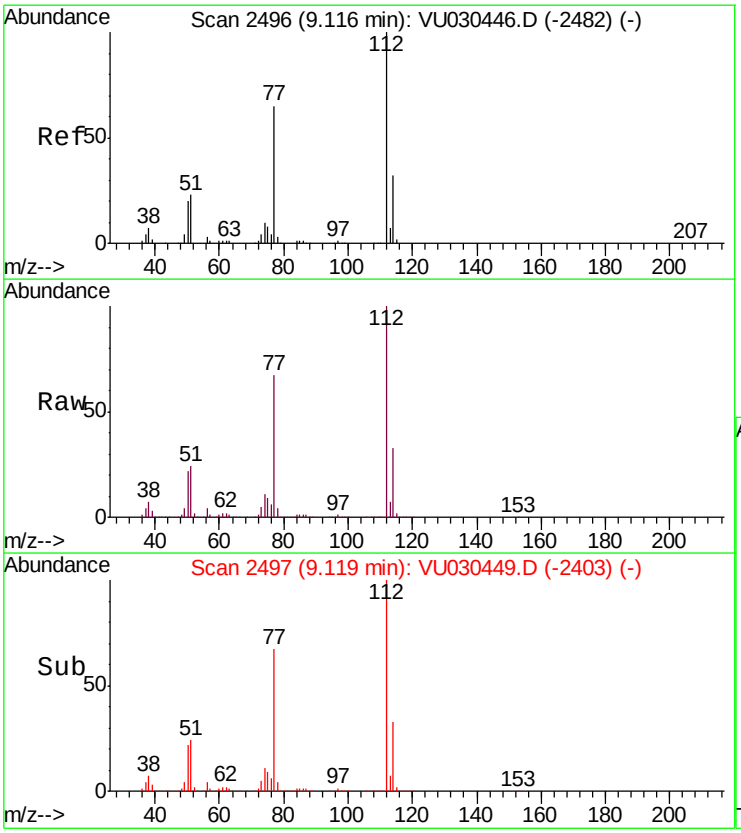
#48
2-Hexanone
Concen: 4.613 ug/L
RT: 8.31 min Scan# 2245
Delta R.T. -0.05 min
Lab File: VU030449.D
Acq: 26 Mar 2019 17:31

Instrument : MSVOA_U
ClientSampleId : C09B2

Tgt Ion: 43 Resp: 27172

Ion	Ratio	Lower	Upper
43	100		
58	29.6	42.5	63.7#
57	25.3	15.0	22.6#
100	0.2	7.4	11.2#

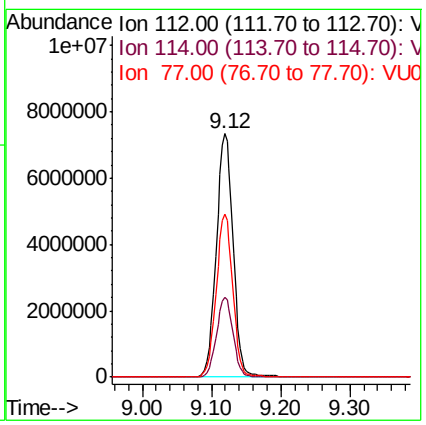


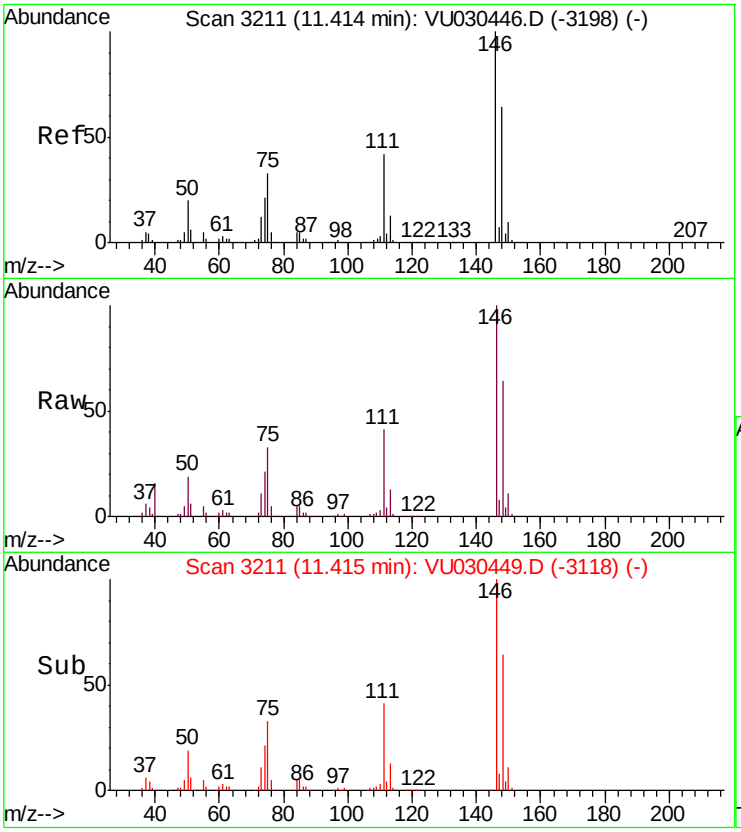


#51
Chlorobenzene
Concen: 1296.718 ug/L
RT: 9.12 min Scan# 2497
Delta R.T. 0.00 min
Lab File: VU030449.D
Acq: 26 Mar 2019 17:31

Tgt Ion:112 Resp:12298285

Ion	Ratio	Lower	Upper
112	100		
114	32.8	21.5	39.9
77	67.0	51.4	77.0



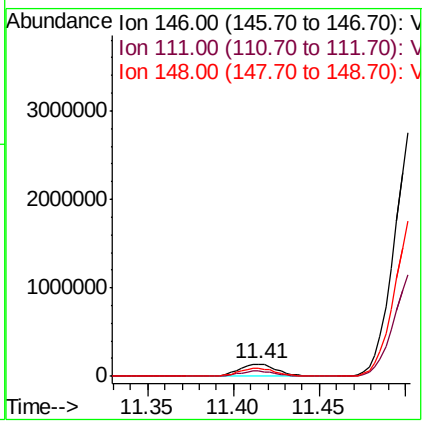


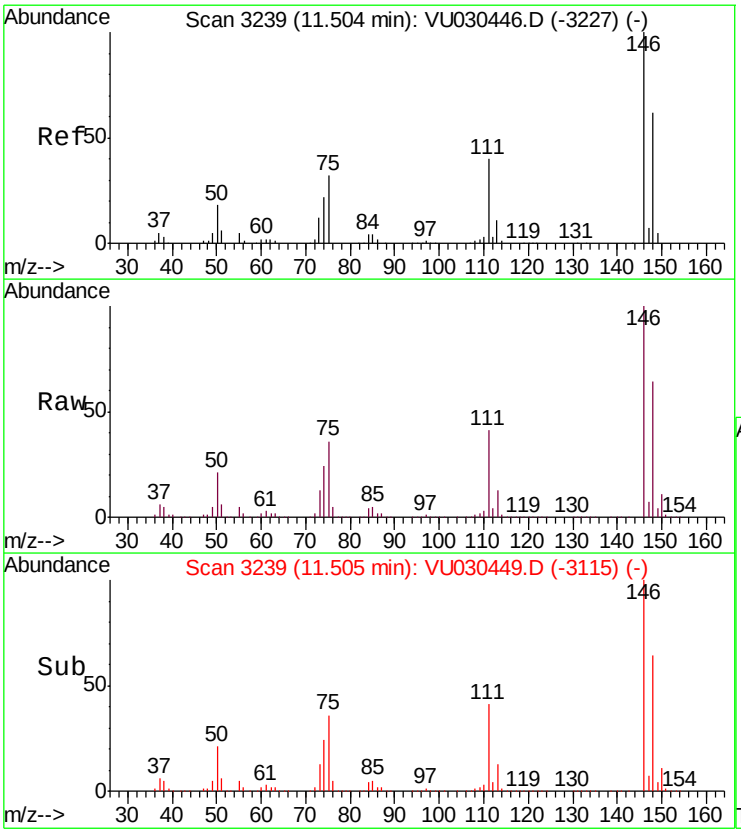
#62
1,3-Dichlorobenzene
Concen: 31.324 ug/L
RT: 11.41 min Scan# 3211
Delta R.T. 0.00 min
Lab File: VU030449.D
Acq: 26 Mar 2019 17:31

Instrument :
MSVOA_U
ClientSampleId :
C09B2

Tgt Ion:146 Resp: 214585

Ion	Ratio	Lower	Upper
146	100		
111	41.1	29.2	54.2
148	63.7	44.4	82.4

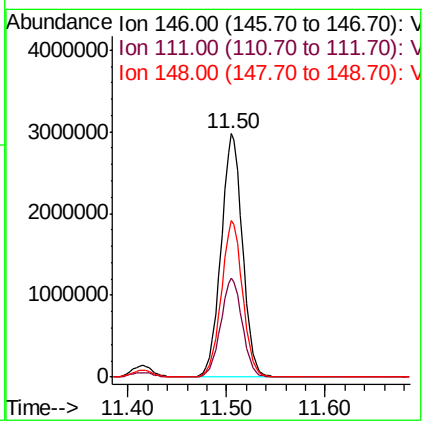


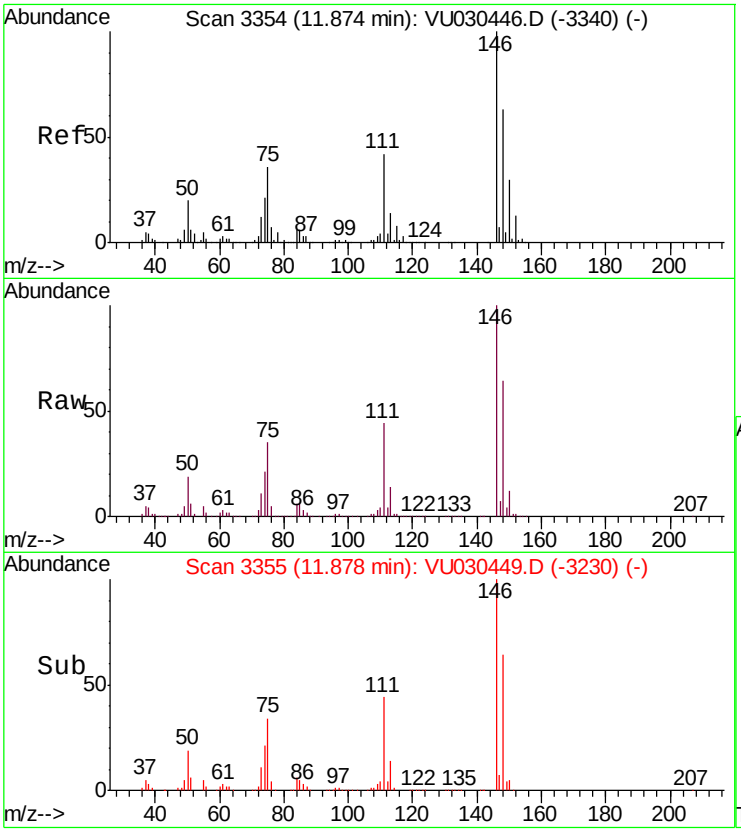


#63
1,4-Dichlorobenzene
Concen: 641.991 ug/L
RT: 11.50 min Scan# 3239
Delta R.T. 0.00 min
Lab File: VU030449.D
Acq: 26 Mar 2019 17:31

Tgt Ion:146 Resp: 4527563

Ion	Ratio	Lower	Upper
146	100		
111	40.9	28.7	53.3
148	64.2	44.3	82.3



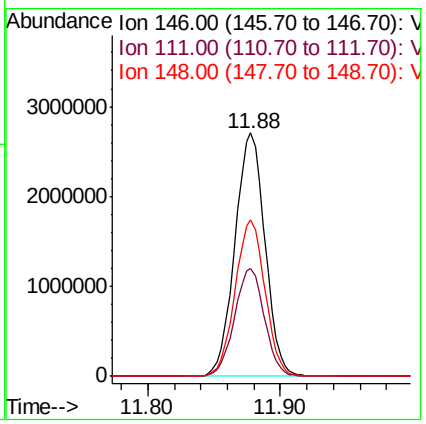


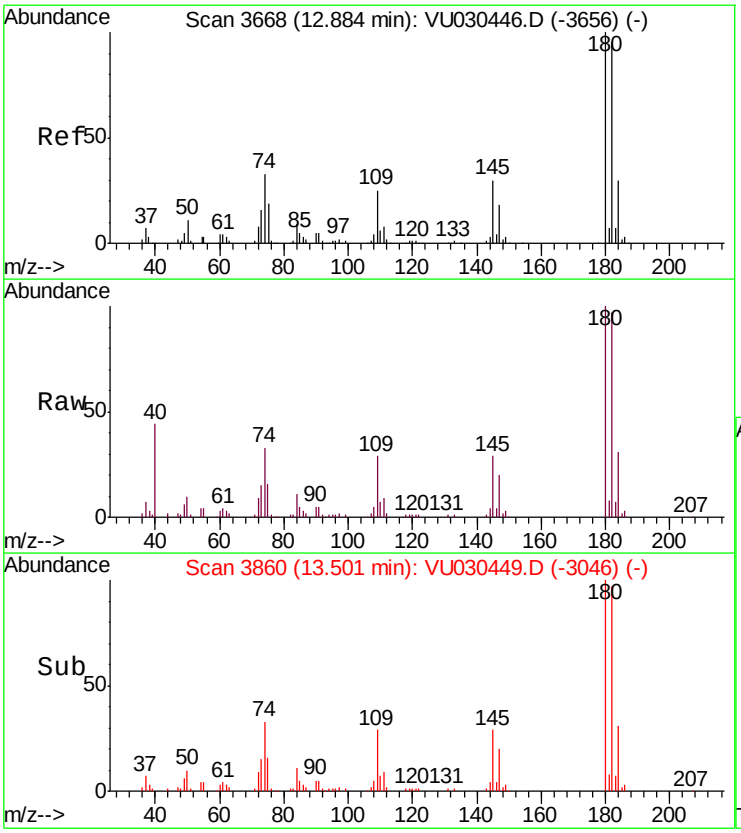
#65
1,2-Dichlorobenzene
Concen: 613.187 ug/L
RT: 11.88 min Scan# 3355
Delta R.T. 0.00 min
Lab File: VU030449.D
Acq: 26 Mar 2019 17:31

Instrument :
MSVOA_U
ClientSampleId :
C09B2

Tgt Ion:146 Resp: 4247485

Ion	Ratio	Lower	Upper
146	100		
111	44.3	34.9	52.3
148	64.1	51.2	76.8

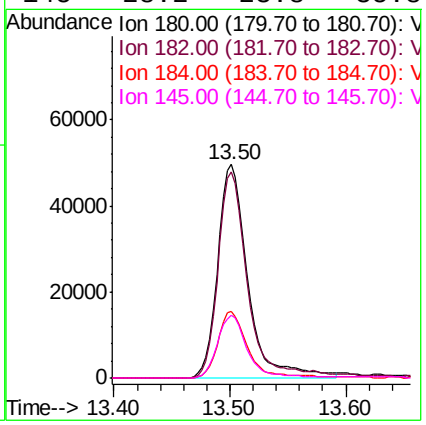


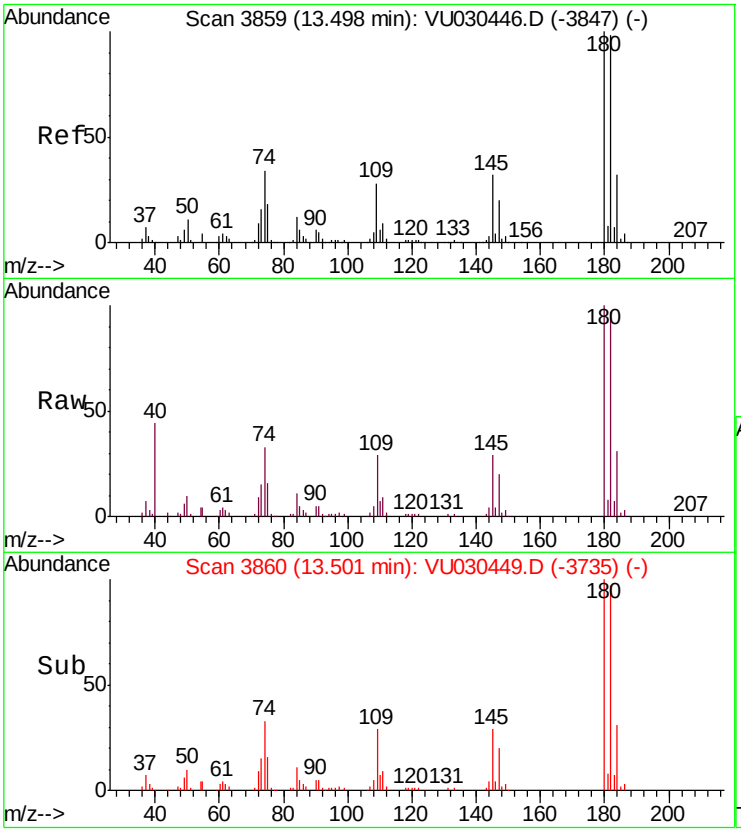


#67
1,3,5-Trichlorobenzene
Concen: 17.425 ug/L
RT: 13.50 min Scan# 3860
Delta R.T. 0.62 min
Lab File: VU030449.D
Acq: 26 Mar 2019 17:31

Tgt Ion:180 Resp: 89362

Ion	Ratio	Lower	Upper
180	100		
182	92.8	75.9	113.9
184	29.8	24.1	36.1
145	28.2	23.8	35.8



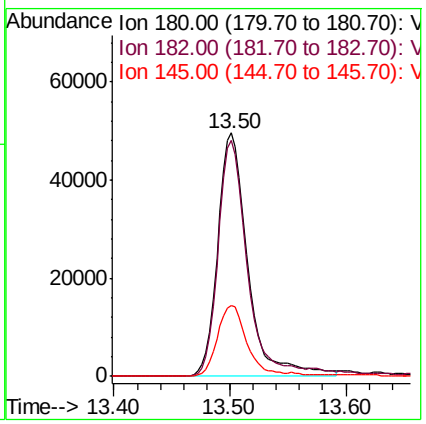


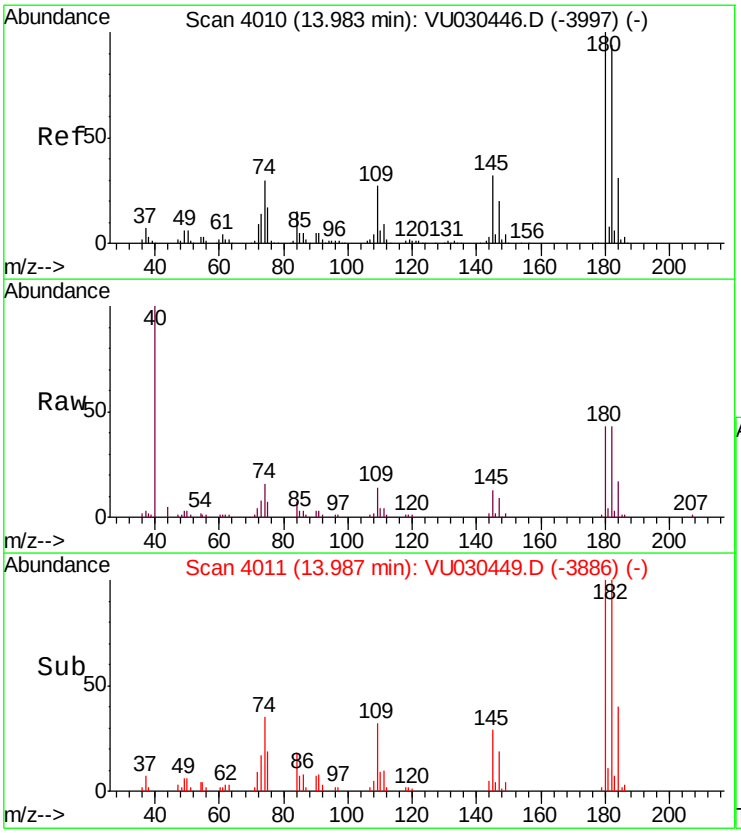
#68
1,2,4-trichlorobenzene
Concen: 20.054 ug/L
RT: 13.50 min Scan# 3860
Delta R.T. 0.00 min
Lab File: VU030449.D
Acq: 26 Mar 2019 17:31

Instrument :
MSVOA_U
ClientSampleId :
C09B2

Tgt Ion:180 Resp: 89362

Ion	Ratio	Lower	Upper
180	100		
182	92.8	76.1	114.1
145	28.2	24.5	36.7





#70
1,2,3-Trichlorobenzene
Concen: 4.292 ug/L
RT: 13.99 min Scan# 4011
Delta R.T. 0.00 min
Lab File: VU030449.D
Acq: 26 Mar 2019 17:31

Tgt Ion:180 Resp: 20194

Ion	Ratio	Lower	Upper
180	100		
182	95.9	77.4	116.2
145	30.2	25.9	38.9