Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032519\

Quantitation Report (Not Reviewed)

Data File : VU030426.D
Acq On : 26 Mar 2019 00:37
Operator : JC/SP
Sample : K2070-09 20X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C09D1

Quant Time: Mar 26 01:34:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 26 01:25:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	472596	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	449100	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	181650	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	197667	51.97	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 103.94%			
7) Chloroethane-d5	1.67	69	153675	50.98	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 101.96%			
11) 1,1-Dichloroethene-d2	2.27	63	268122	37.16	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 74.32%			
21) 2-Butanone-d5	4.17	46	335484	93.83	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 93.83%			
24) Chloroform-d	4.64	84	307661	46.95	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.90%			
26) 1,2-Dichloroethane-d4	5.31	65	208197	48.55	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.10%			
32) Benzene-d6	5.34	84	640251	49.71	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.42%			
36) 1,2-Dichloropropane-d6	6.33	67	224305	50.90	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 101.80%			
41) Toluene-d8	7.56	98	542967	46.94	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.88%			
43) trans-1,3-Dichloropropene-	7.85	79	90066	43.47	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.94%			
47) 2-Hexanone-d5	8.31	63	210875	88.31	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 88.31%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	289461	45.91	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 91.82%			
64) 1,2-Dichlorobenzene-d4	11.86	152	185766	51.04	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.08%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2259	0.655	ug/L #	21
13) Acetone	2.32	43	1899	0.525	ug/L	77
33) Benzene	5.39	78	36007	2.355	ug/L	100
44) trans-1,3-Dichloropropene	7.85	75	3610	0.658	ug/L #	80
48) 2-Hexanone	8.36	43	6495	1.087	ug/L #	48
51) Chlorobenzene	9.12	112	1114790	115.932	ug/L	98
59) 1,2,3-Trichloropropane	11.42	75	8653	1.639	ug/L #	43
62) 1,3-Dichlorobenzene	11.42	146	23892	4.022	ug/L	97
63) 1,4-Dichlorobenzene	11.50	146	114348	18.698	ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	221892	36.941	ug/L	100
67) 1,3,5-Trichlorobenzene	13.50	180	29403	6.612	ug/L	98
68) 1,2,4-trichlorobenzene	13.50	180	29403	7.609	ug/L	98
70) 1,2,3-Trichlorobenzene	13.99	180	7437	1.823	ug/L #	85

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

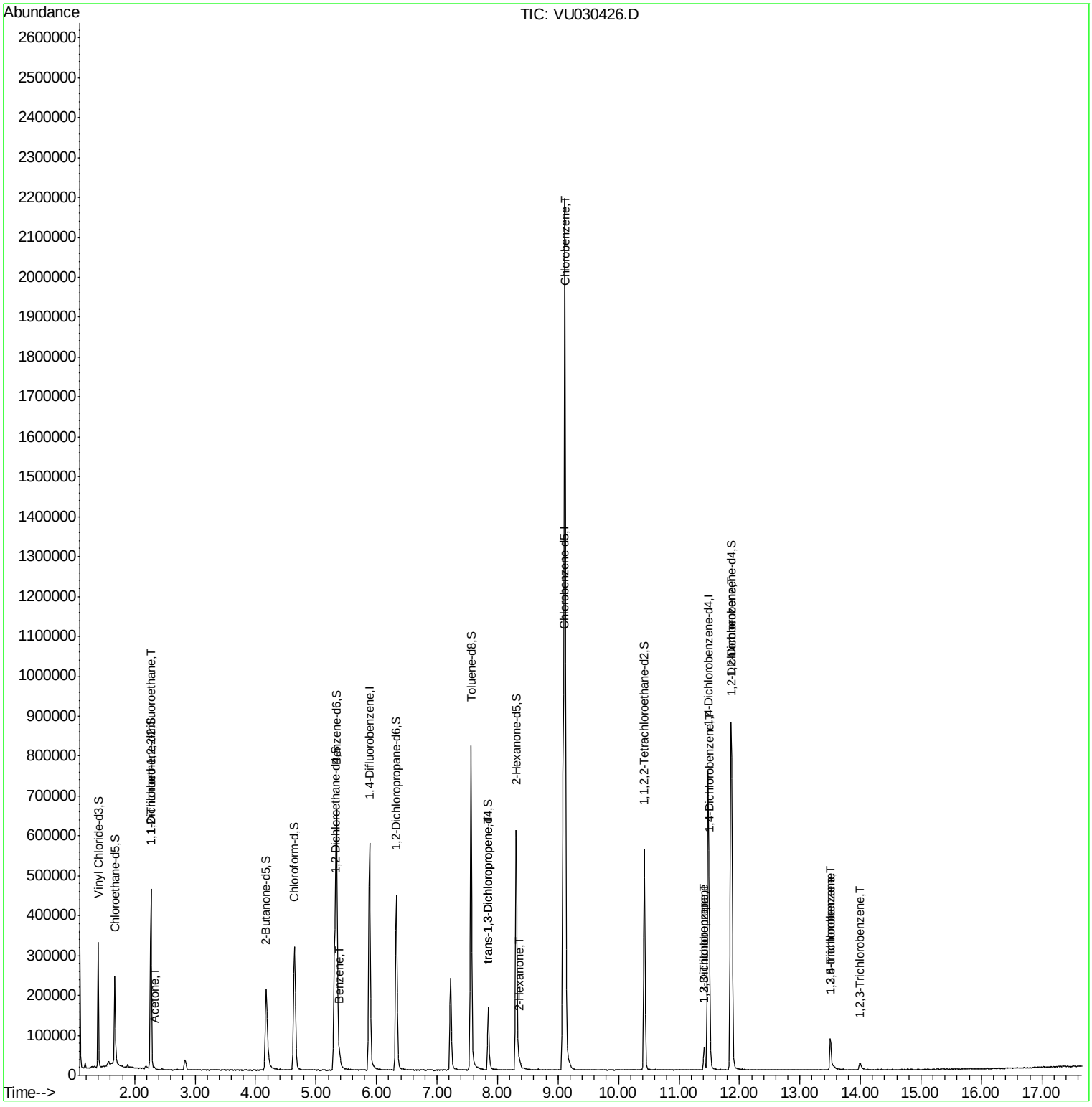
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032519\

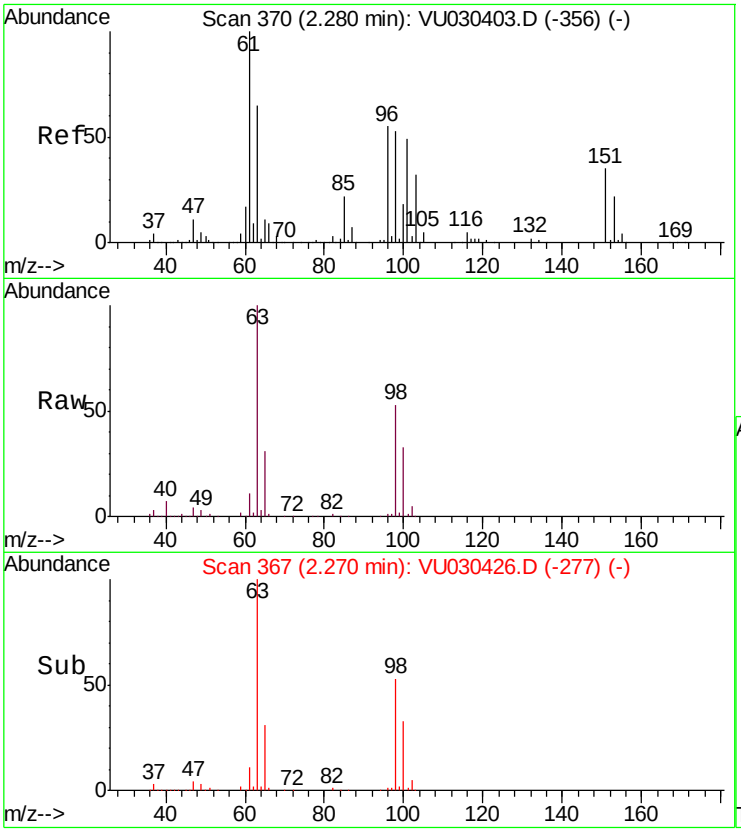
Quantitation Report (Not Reviewed)

Data File : VU030426.D
Acq On : 26 Mar 2019 00:37
Operator : JC/SP
Sample : K2070-09 20X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C09D1

Quant Time: Mar 26 01:34:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 26 01:25:56 2019
Response via : Initial Calibration



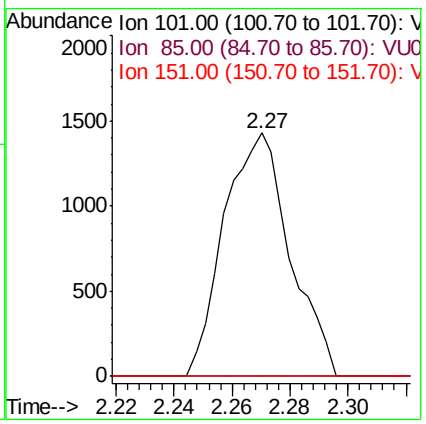


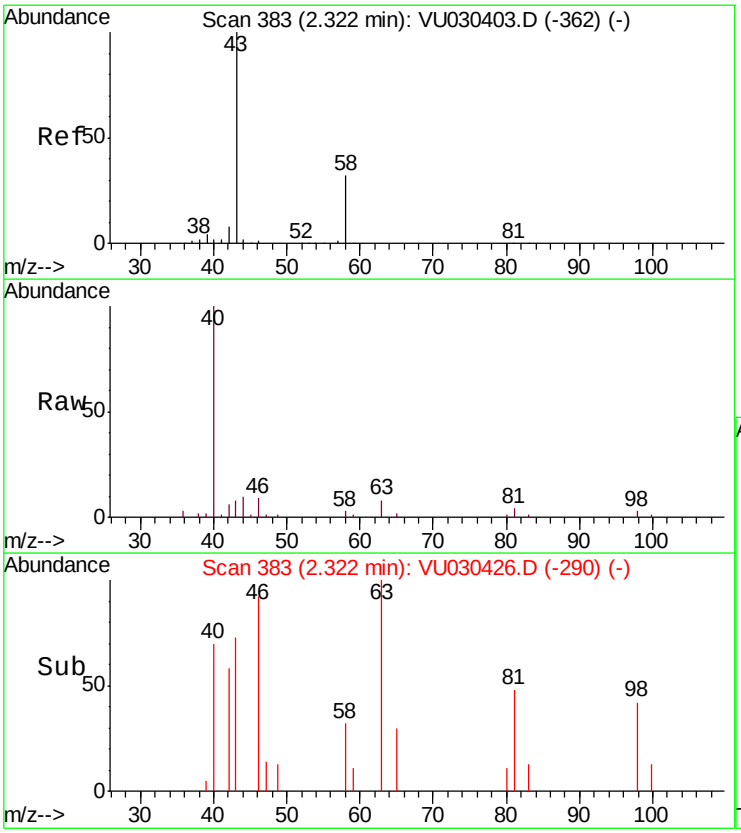
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.655 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.01 min
Lab File: VU030426.D
Acq: 26 Mar 2019 00:37

Instrument :
MSVOA_U
ClientSampleId :
C09D1

Tgt Ion:101 Resp: 2259

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

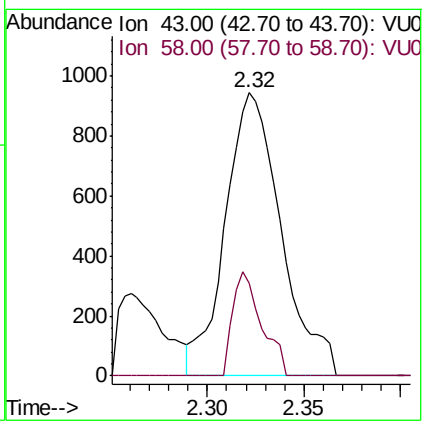


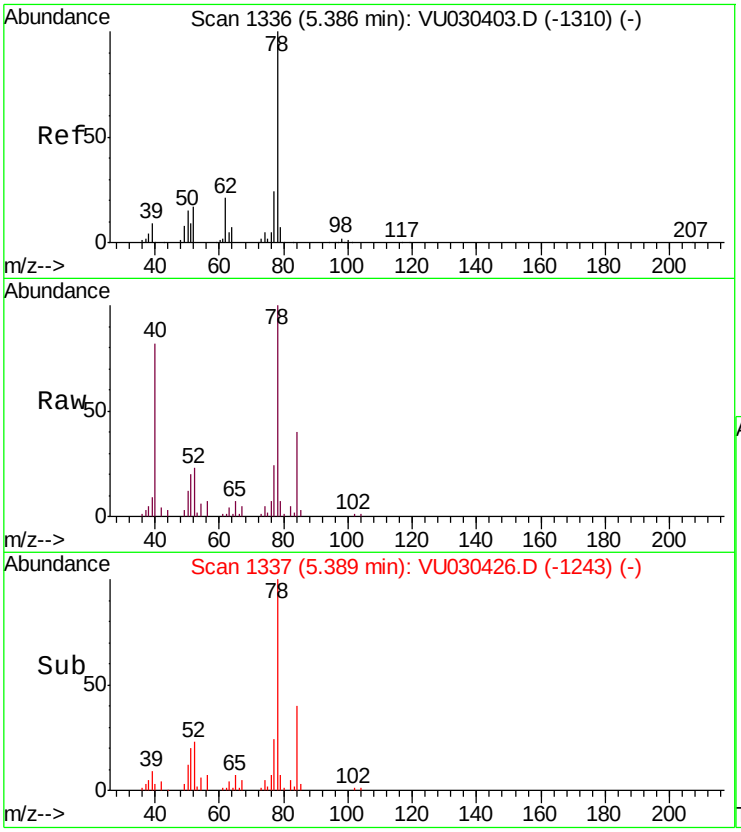


#13
Acetone
Concen: 0.525 ug/L
RT: 2.32 min Scan# 383
Delta R.T. -0.00 min
Lab File: VU030426.D
Acq: 26 Mar 2019 00:37

Tgt Ion: 43 Resp: 1899

Ion	Ratio	Lower	Upper
43	100		
58	18.6	0.0	62.8

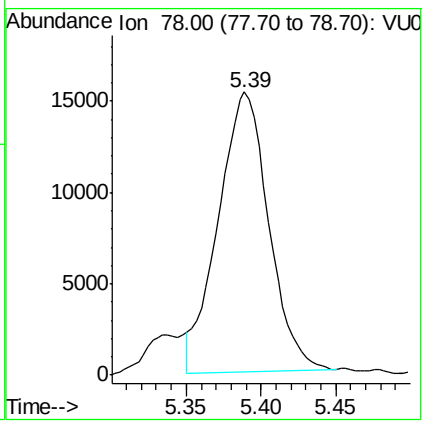


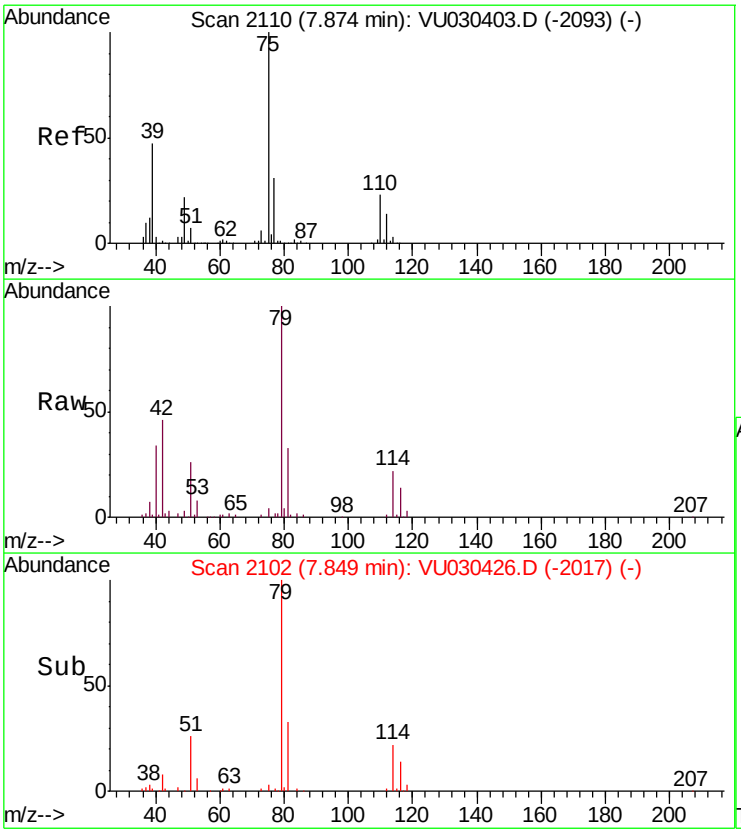


#33
Benzene
Concen: 2.355 ug/L
RT: 5.39 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VU030426.D
Acq: 26 Mar 2019 00:37

Instrument :
MSVOA_U
ClientSampleId :
C09D1

Tgt Ion: 78 Resp: 36007

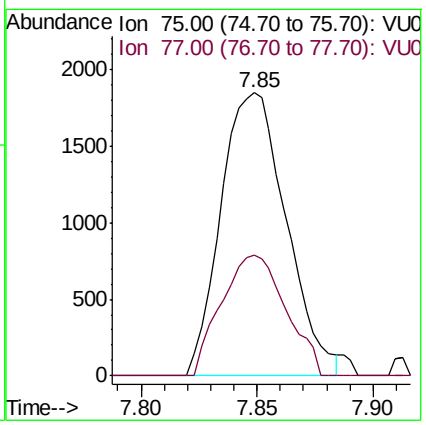


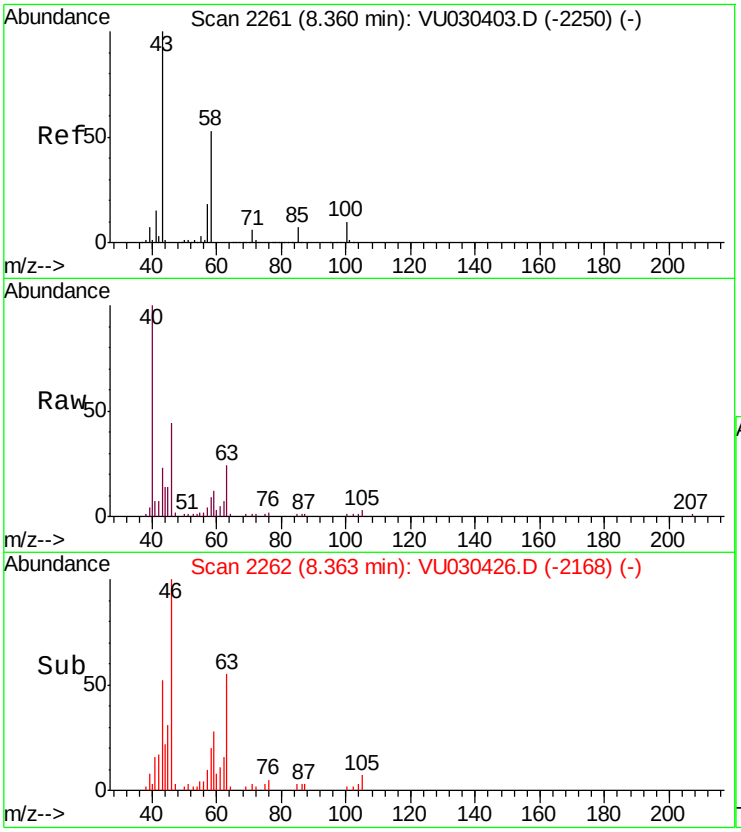


#44
trans-1,3-Dichloropropene
Concen: 0.658 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU030426.D
Acq: 26 Mar 2019 00:37

Tgt Ion: 75 Resp: 3610

Ion	Ratio	Lower	Upper
75	100		
77	42.5	22.0	40.8#



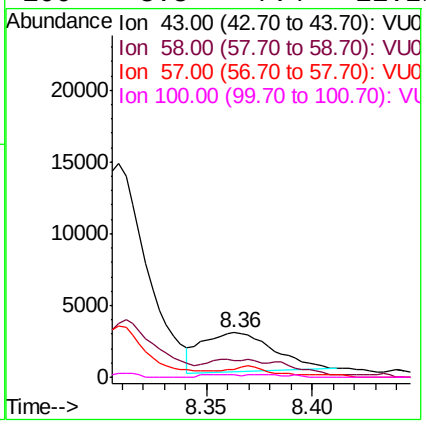


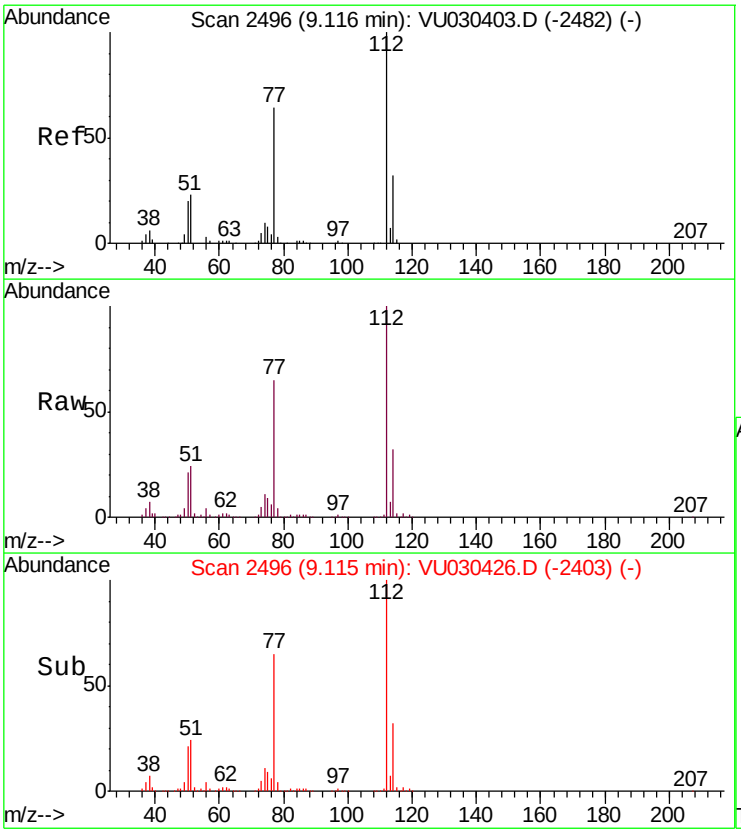
#48
2-Hexanone
Concen: 1.087 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VU030426.D
Acq: 26 Mar 2019 00:37

Instrument :
MSVOA_U
ClientSampleId :
C09D1

Tgt Ion: 43 Resp: 6495

Ion	Ratio	Lower	Upper
43	100		
58	0.0	42.5	63.7#
57	15.5	15.0	22.6
100	3.3	7.4	11.2#

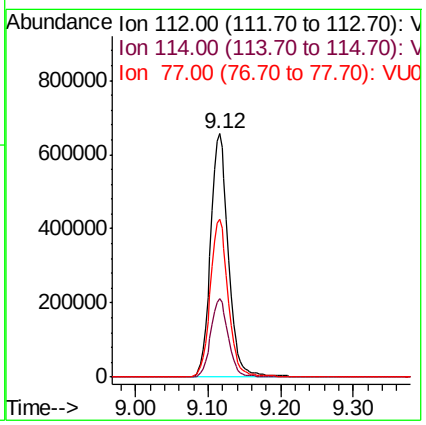


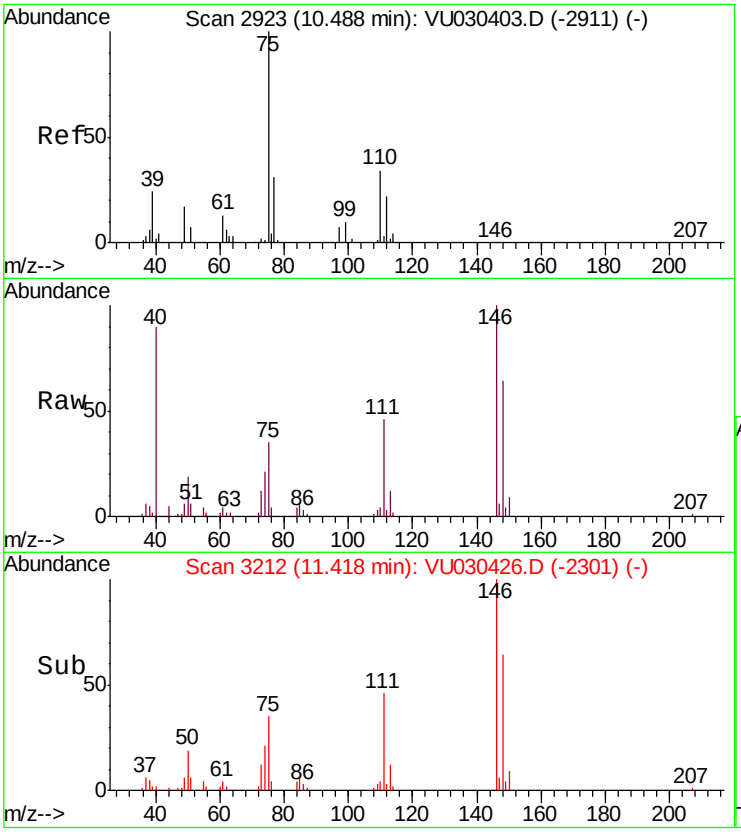


#51
Chlorobenzene
Concen: 115.932 ug/L
RT: 9.12 min Scan# 2496
Delta R.T. -0.00 min
Lab File: VU030426.D
Acq: 26 Mar 2019 00:37

Tgt Ion:112 Resp: 1114790

Ion	Ratio	Lower	Upper
112	100		
114	32.3	21.5	39.9
77	64.9	51.4	77.0



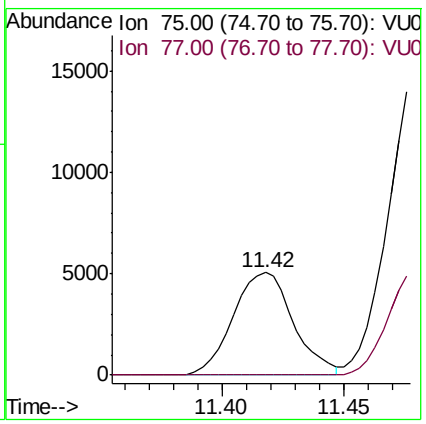


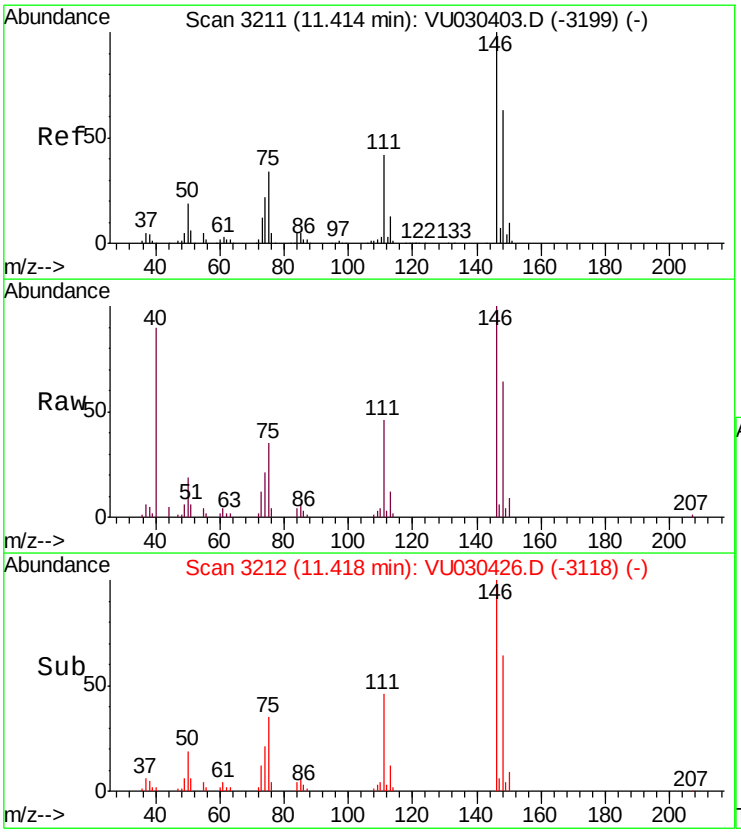
#59
1,2,3-Trichloropropane
Concen: 1.639 ug/L
RT: 11.42 min Scan# 3212
Delta R.T. 0.93 min
Lab File: VU030426.D
Acq: 26 Mar 2019 00:37

Instrument : MSVOA_U
ClientSampleId : C09D1

Tgt Ion: 75 Resp: 8653

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.4	38.2#

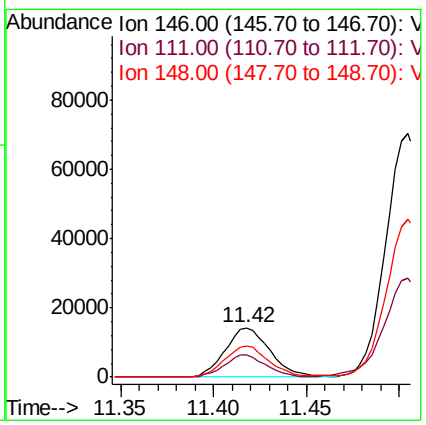


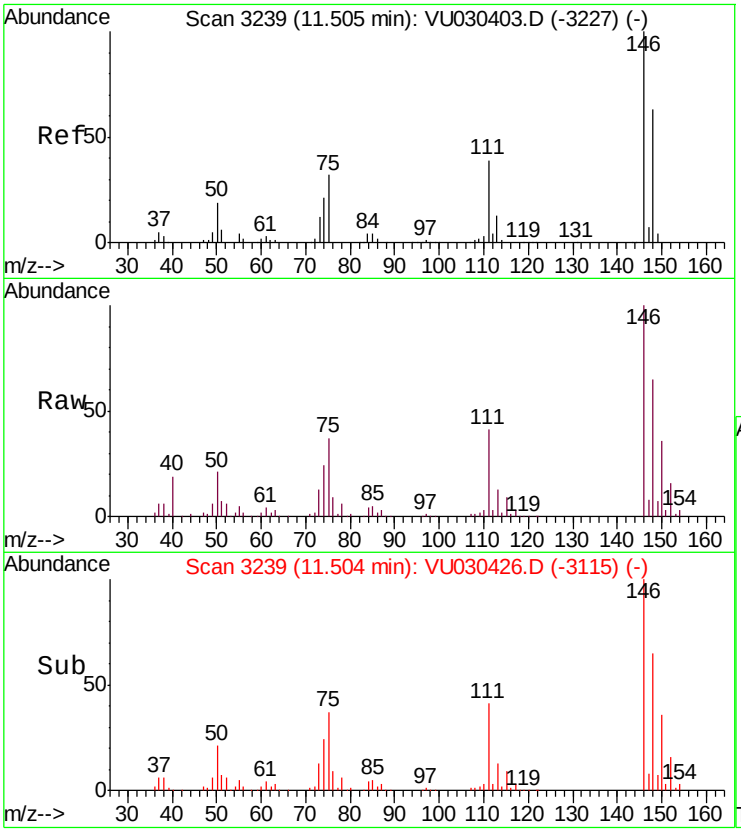


#62
1,3-Dichlorobenzene
Concen: 4.022 ug/L
RT: 11.42 min Scan# 3212
Delta R.T. 0.00 min
Lab File: VU030426.D
Acq: 26 Mar 2019 00:37

Tgt Ion:146 Resp: 23892

Ion	Ratio	Lower	Upper
146	100		
111	45.6	29.2	54.2
148	63.5	44.4	82.4



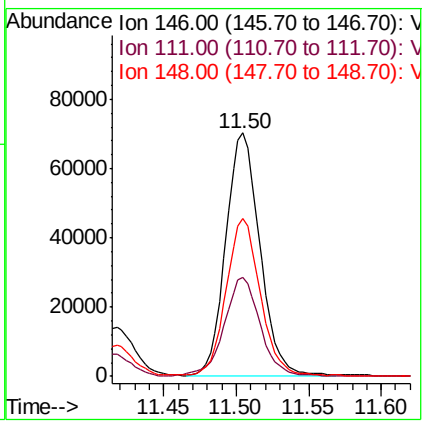


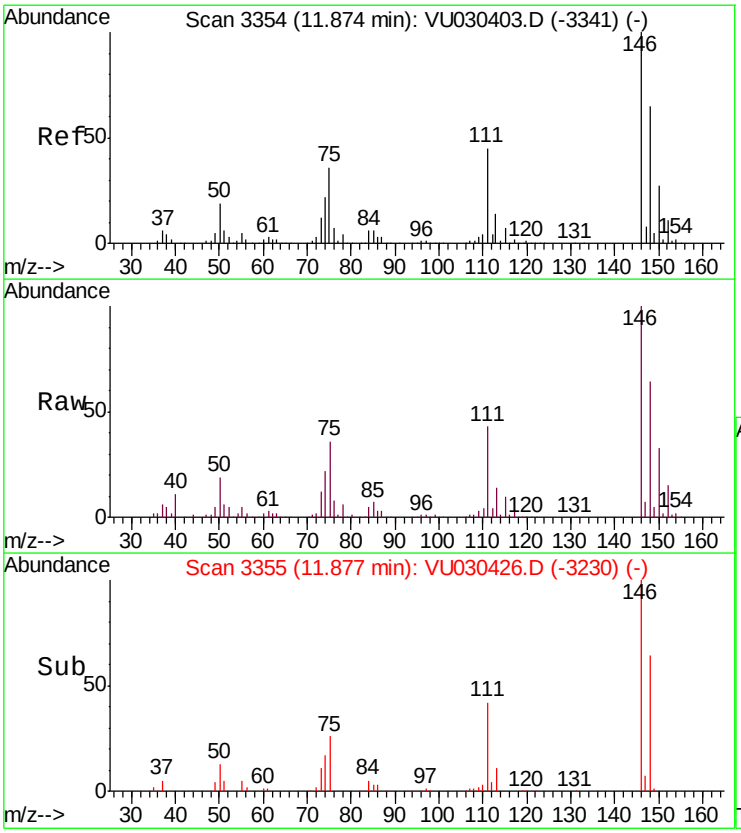
#63
1,4-Dichlorobenzene
Concen: 18.698 ug/L
RT: 11.50 min Scan# 3239
Delta R.T. -0.00 min
Lab File: VU030426.D
Acq: 26 Mar 2019 00:37

Instrument : MSVOA_U
ClientSampleId : C09D1

Tgt Ion:146 Resp: 114348

Ion	Ratio	Lower	Upper
146	100		
111	40.7	28.7	53.3
148	65.1	44.3	82.3

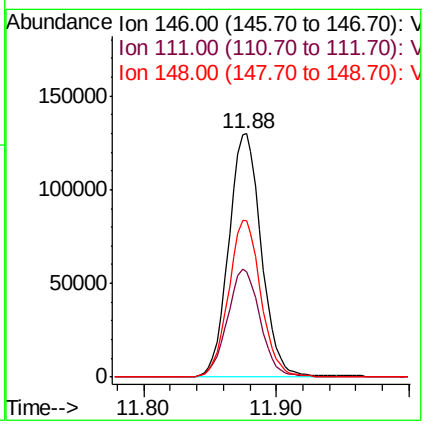


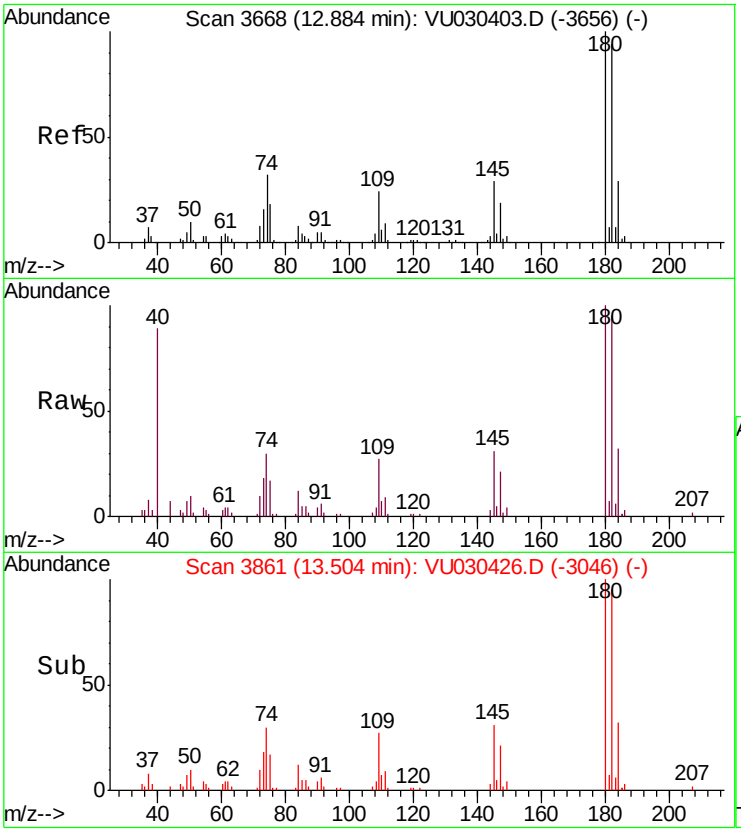


#65
1,2-Dichlorobenzene
Concen: 36.941 ug/L
RT: 11.88 min Scan# 3355
Delta R.T. 0.00 min
Lab File: VU030426.D
Acq: 26 Mar 2019 00:37

Tgt Ion:146 Resp: 221892

Ion	Ratio	Lower	Upper
146	100		
111	43.5	34.9	52.3
148	64.1	51.2	76.8



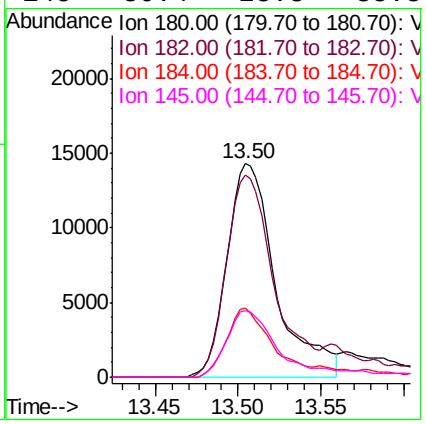


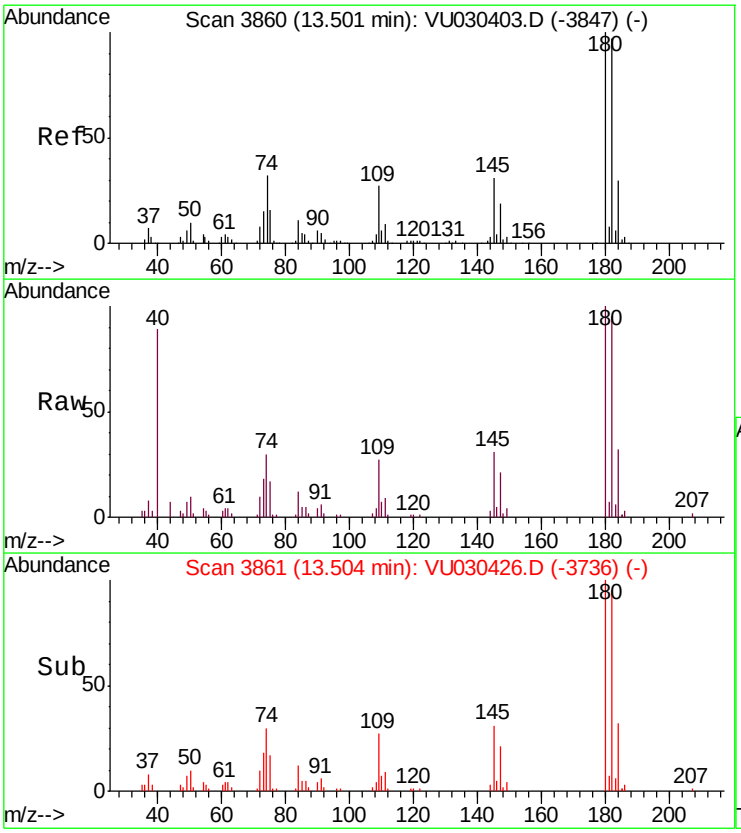
#67
1,3,5-Trichlorobenzene
Concen: 6.612 ug/L
RT: 13.50 min Scan# 3861
Delta R.T. 0.62 min
Lab File: VU030426.D
Acq: 26 Mar 2019 00:37

Instrument :
MSVOA_U
ClientSampleId :
C09D1

Tgt Ion:180 Resp: 29403

Ion	Ratio	Lower	Upper
180	100		
182	92.5	75.9	113.9
184	29.5	24.1	36.1
145	30.4	23.8	35.8

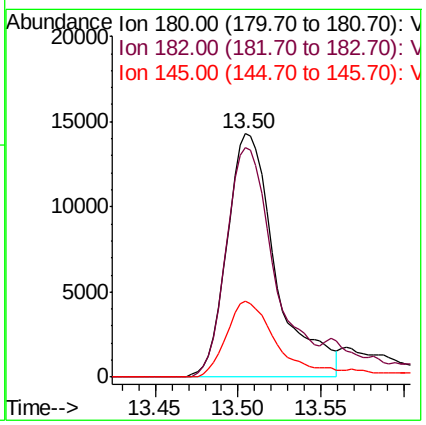


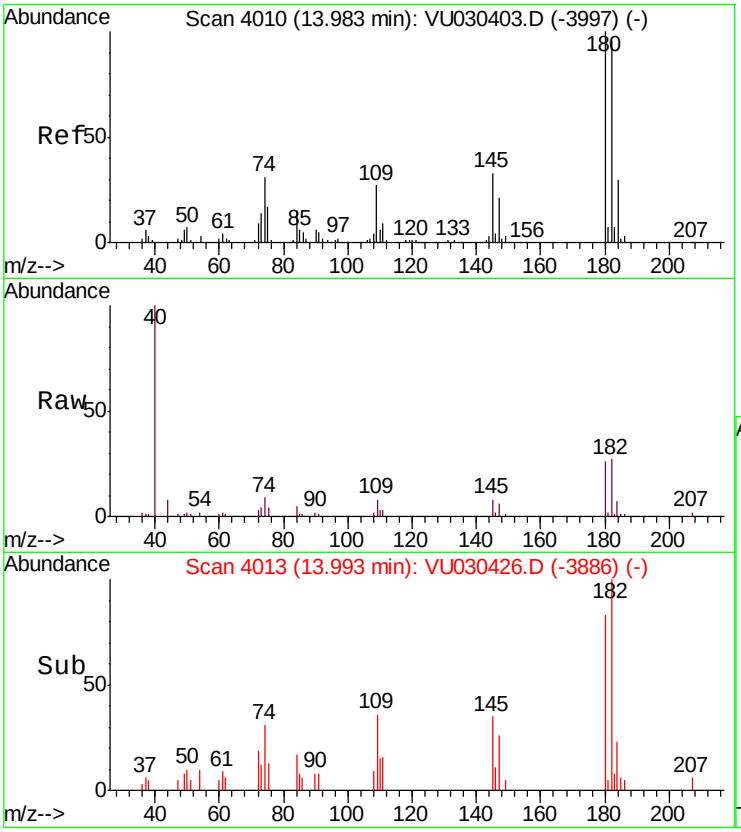


#68
1,2,4-trichlorobenzene
Concen: 7.609 ug/L
RT: 13.50 min Scan# 3861
Delta R.T. 0.00 min
Lab File: VU030426.D
Acq: 26 Mar 2019 00:37

Tgt Ion:180 Resp: 29403

Ion	Ratio	Lower	Upper
180	100		
182	92.5	76.1	114.1
145	30.4	24.5	36.7





#70
1,2,3-Trichlorobenzene
Concen: 1.823 ug/L
RT: 13.99 min Scan# 4013
Delta R.T. 0.01 min
Lab File: VU030426.D
Acq: 26 Mar 2019 00:37

Instrument :
MSVOA_U
ClientSampleId :
C09D1

Tgt Ion:180 Resp: 7437

Ion	Ratio	Lower	Upper
180	100		
182	105.8	77.4	116.2
145	13.1	25.9	38.9#