Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032019\

Quantitation Report (Not Reviewed)

Data File : VU030239.D
Acq On : 20 Mar 2019 21:41
Operator : JC/SP
Sample : K2022-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0995

Quant Time: Mar 22 01:33:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 22 01:27:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	507808	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	501598	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	232978	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	144315	42.03	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 84.06%			
7) Chloroethane-d5	1.68	69	126163	45.95	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 91.90%			
11) 1,1-Dichloroethene-d2	2.27	63	205417	32.79	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 65.58%			
21) 2-Butanone-d5	4.17	46	256484	100.69	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 100.69%			
24) Chloroform-d	4.65	84	296996	47.13	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.26%			
26) 1,2-Dichloroethane-d4	5.31	65	176292	49.05	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.10%			
32) Benzene-d6	5.34	84	626685	47.41	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.82%			
36) 1,2-Dichloropropane-d6	6.33	67	198441	48.52	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 97.04%			
41) Toluene-d8	7.56	98	562124	45.23	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 90.46%			
43) trans-1,3-Dichloropropene-	7.85	79	87601	43.99	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 87.98%			
47) 2-Hexanone-d5	8.31	63	212937	100.40	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 100.40%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	305990	48.77	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 97.54%			
64) 1,2-Dichlorobenzene-d4	11.86	152	233409	49.90	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.80%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2300	0.674	ug/L #	18
13) Acetone	2.32	43	10645	3.999	ug/L	99
44) trans-1,3-Dichloropropene	7.85	75	3193	0.621	ug/L	95
48) 2-Hexanone	8.37	43	6092	1.441	ug/L #	88
51) Chlorobenzene	9.12	112	15190	1.458	ug/L	93
62) 1,3-Dichlorobenzene	11.42	146	6344	0.853	ug/L	93
63) 1,4-Dichlorobenzene	11.50	146	31022	4.024	ug/L	96
65) 1,2-Dichlorobenzene	11.87	146	27817	3.663	ug/L	95
68) 1,2,4-trichlorobenzene	13.51	180	6676	1.300	ug/L #	91
70) 1,2,3-Trichlorobenzene	13.99	180	3033	0.566	ug/L #	70

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032019\

Quantitation Report (Not Reviewed)

Data File : VU030239.D
Acq On : 20 Mar 2019 21:41
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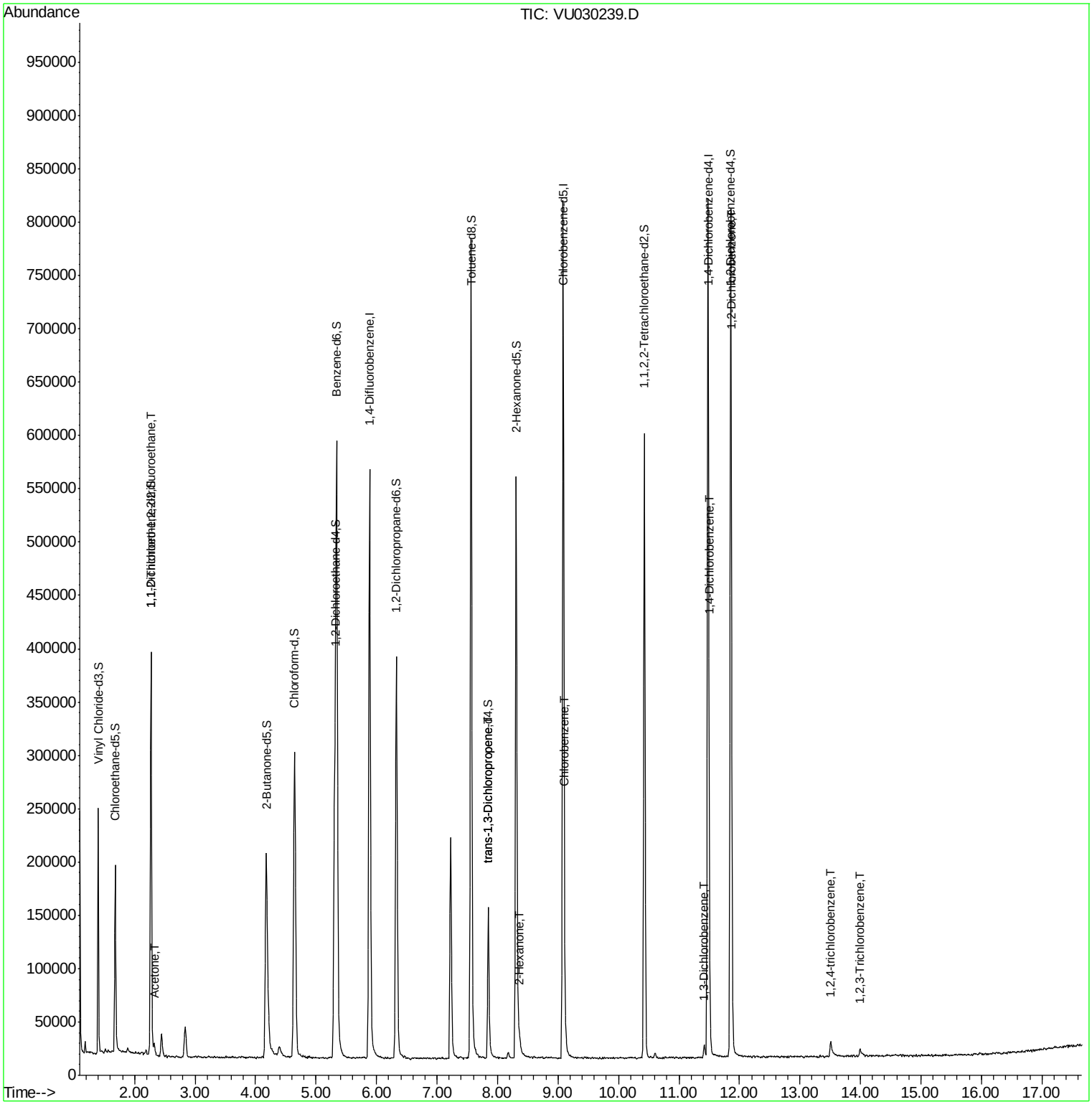
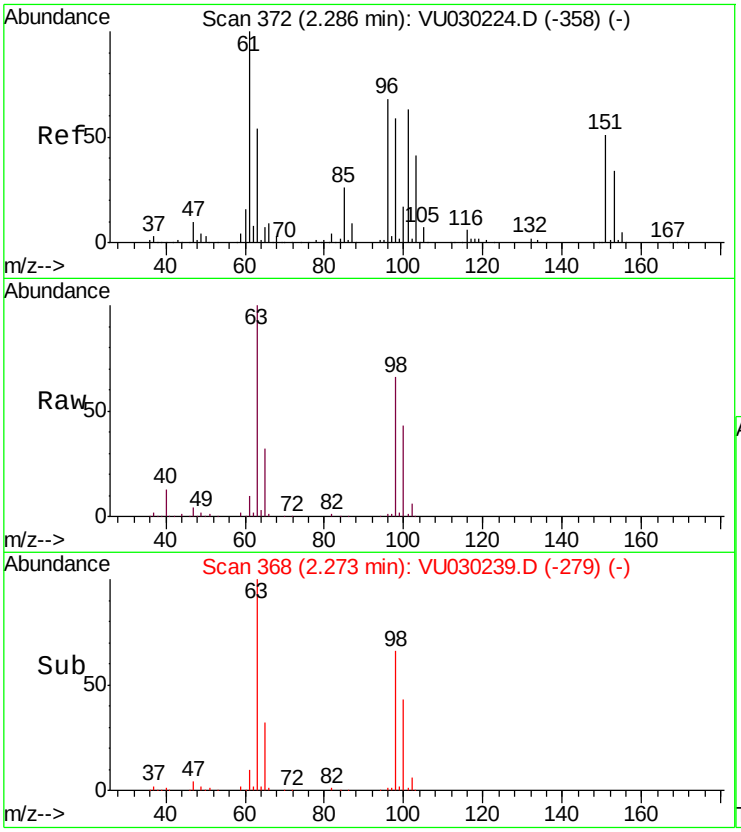
Sample : K2022-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0995

Quant Time: Mar 22 01:33:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 22 01:27:23 2019
Response via : Initial Calibration



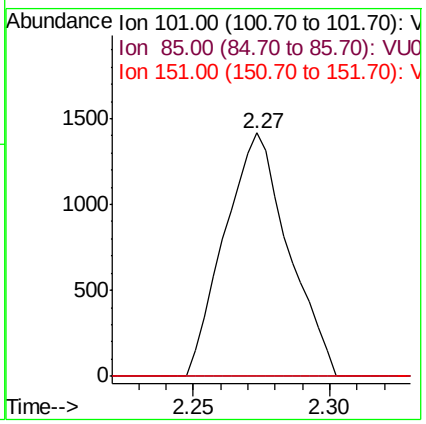


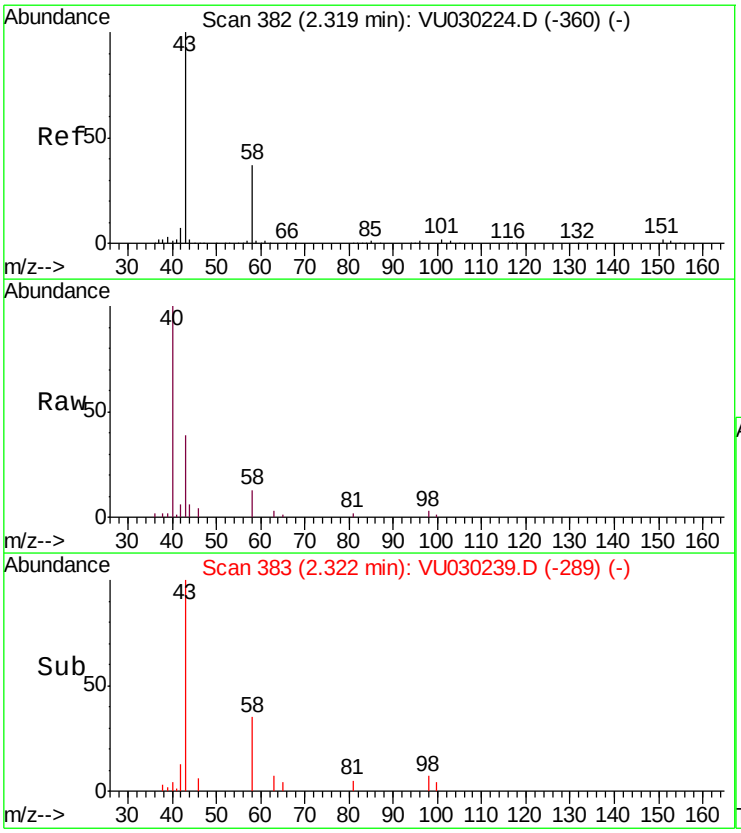
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.674 ug/L
RT: 2.27 min Scan# 368
Delta R.T. -0.01 min
Lab File: VU030239.D
Acq: 20 Mar 2019 21:41

Instrument :
MSVOA_U
ClientSampleId :
C0995

Tgt Ion:101 Resp: 2300

Ion	Ratio	Lower	Upper
101	100		
85	0.0	32.5	48.7#
151	0.0	64.7	97.1#

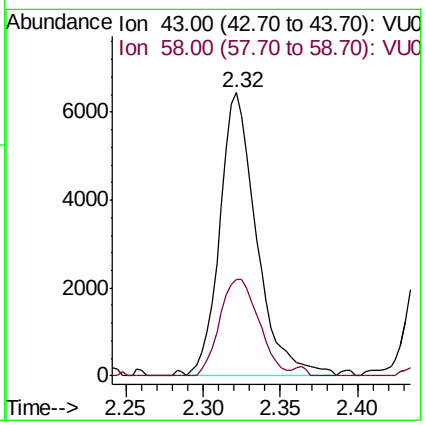


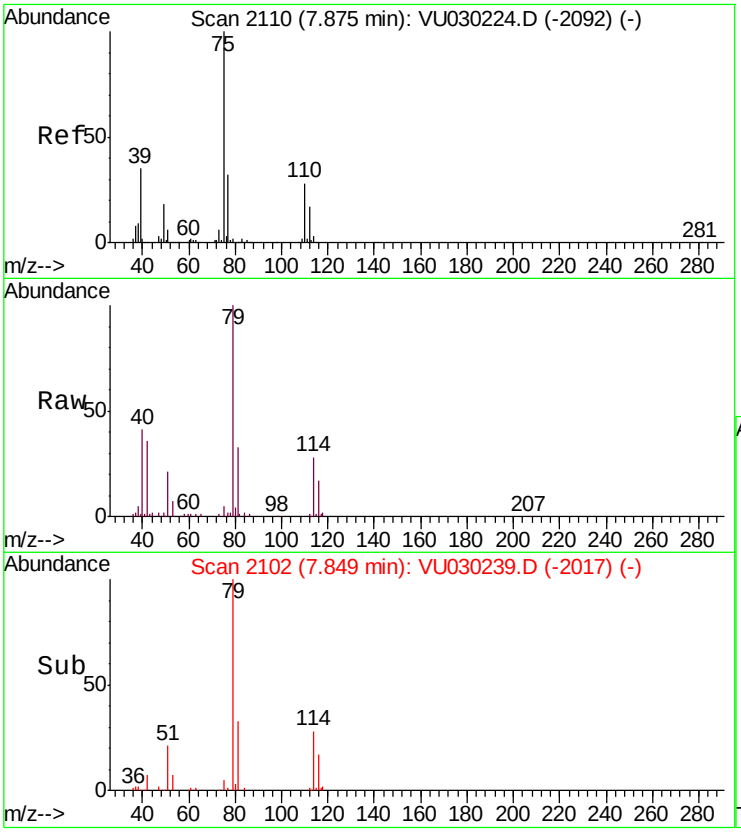


#13
Acetone
Concen: 3.999 ug/L
RT: 2.32 min Scan# 383
Delta R.T. 0.00 min
Lab File: VU030239.D
Acq: 20 Mar 2019 21:41

Tgt Ion: 43 Resp: 10645

Ion	Ratio	Lower	Upper
43	100		
58	36.2	0.0	73.4



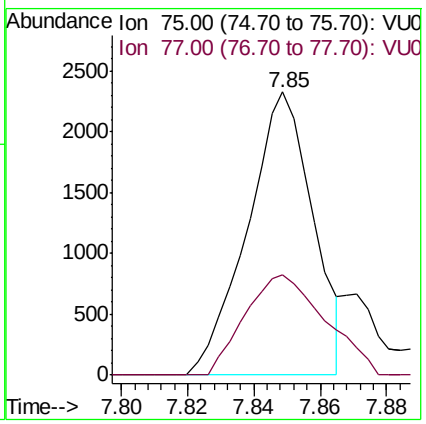


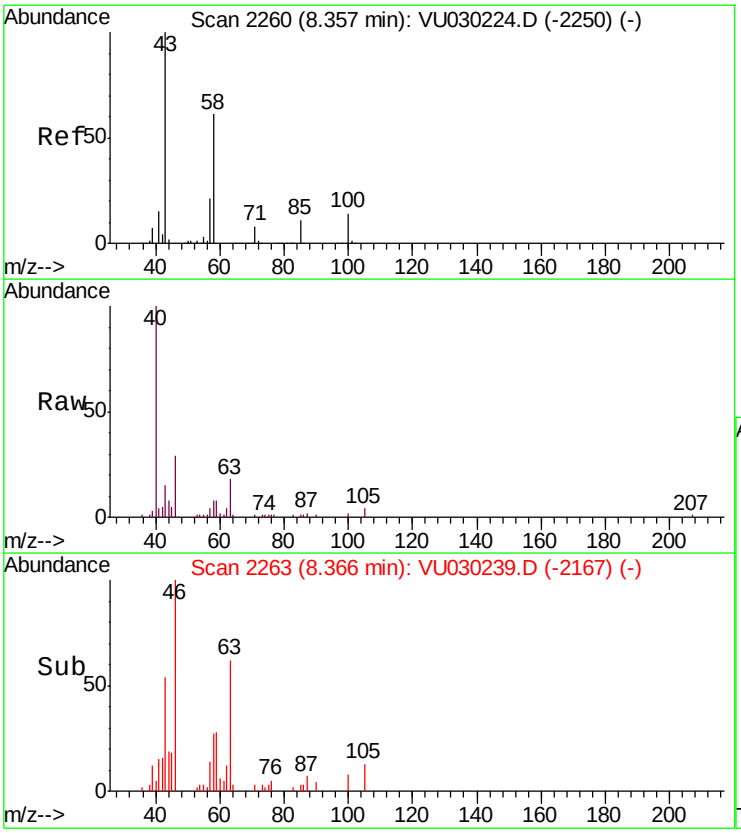
#44
trans-1,3-Dichloropropene
Concen: 0.621 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU030239.D
Acq: 20 Mar 2019 21:41

Instrument : MSVOA_U
ClientSampleId : C0995

Tgt Ion: 75 Resp: 3193

Ion	Ratio	Lower	Upper
75	100		
77	35.4	22.7	42.1

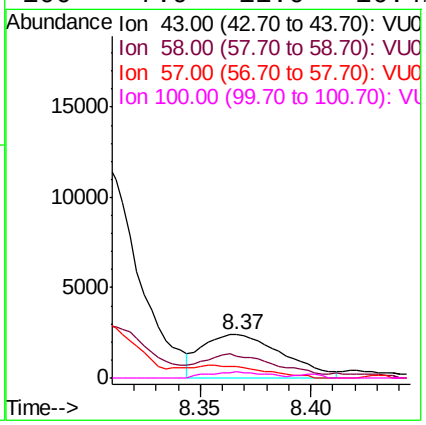


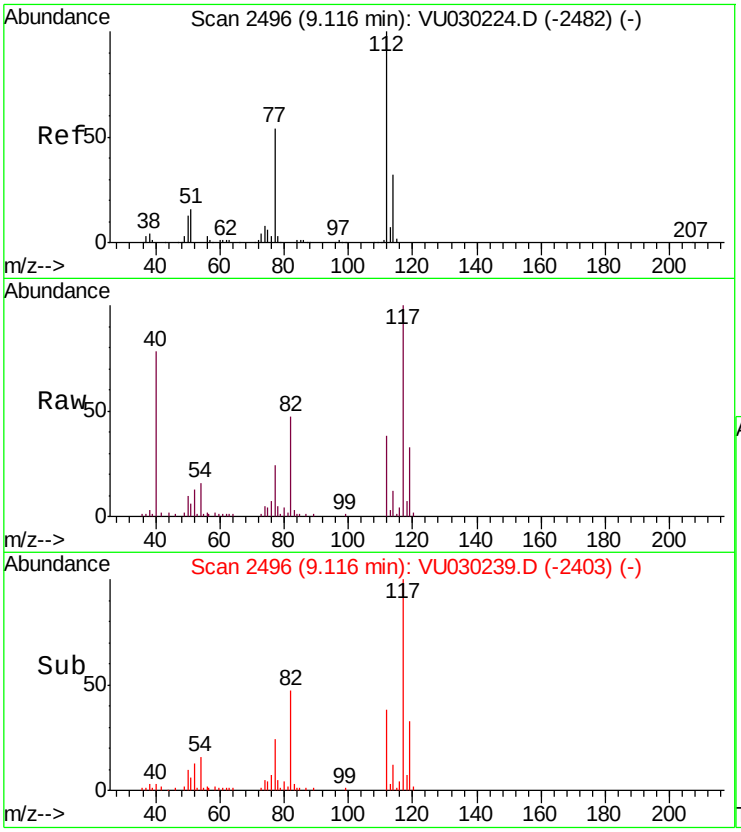


#48
2-Hexanone
Concen: 1.441 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.01 min
Lab File: VU030239.D
Acq: 20 Mar 2019 21:41

Tgt Ion: 43 Resp: 6092

Ion	Ratio	Lower	Upper
43	100		
58	50.5	49.3	73.9
57	22.7	17.0	25.4
100	7.9	11.0	16.4#



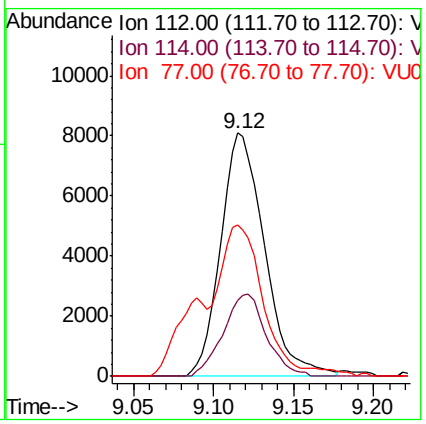


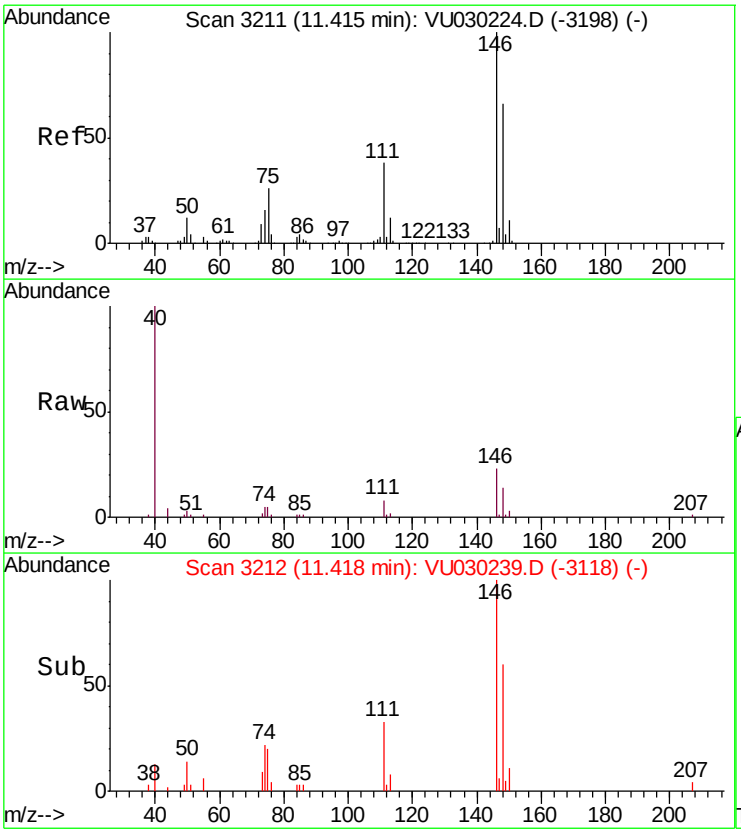
#51
Chlorobenzene
Concen: 1.458 ug/L
RT: 9.12 min Scan# 2496
Delta R.T. -0.00 min
Lab File: VU030239.D
Acq: 20 Mar 2019 21:41

Instrument : MSVOA_U
ClientSampleId : C0995

Tgt Ion:112 Resp: 15190

Ion	Ratio	Lower	Upper
112	100		
114	31.4	22.5	41.7
77	62.2	43.4	65.0

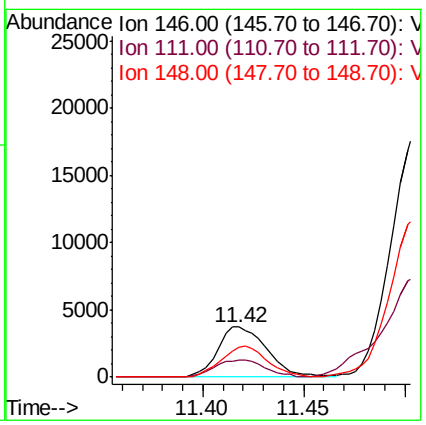


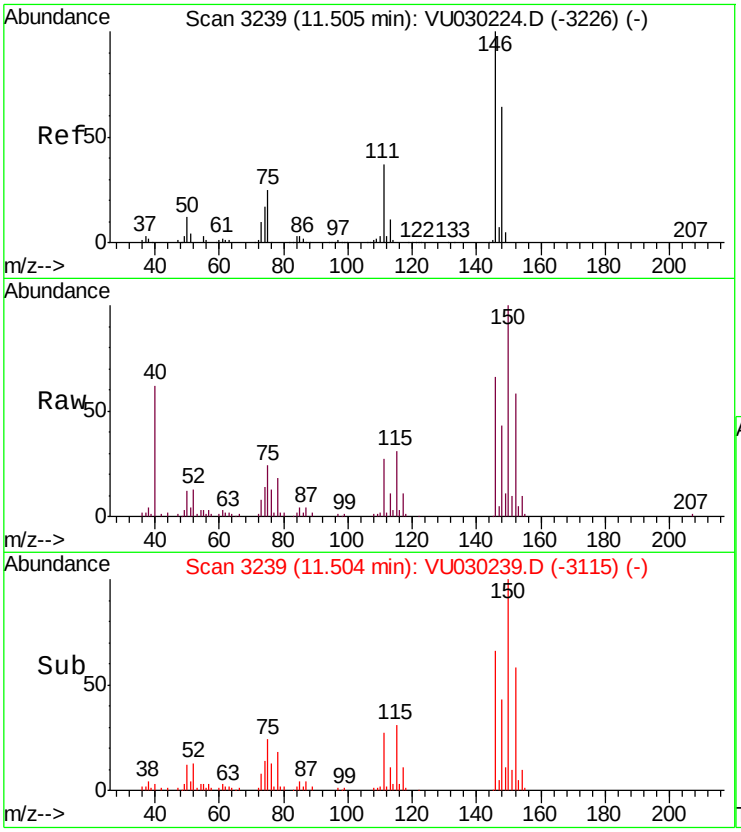


#62
1,3-Dichlorobenzene
Concen: 0.853 ug/L
RT: 11.42 min Scan# 3212
Delta R.T. 0.00 min
Lab File: VU030239.D
Acq: 20 Mar 2019 21:41

Tgt Ion:146 Resp: 6344

Ion	Ratio	Lower	Upper
146	100		
111	33.3	27.2	50.4
148	59.6	44.4	82.5



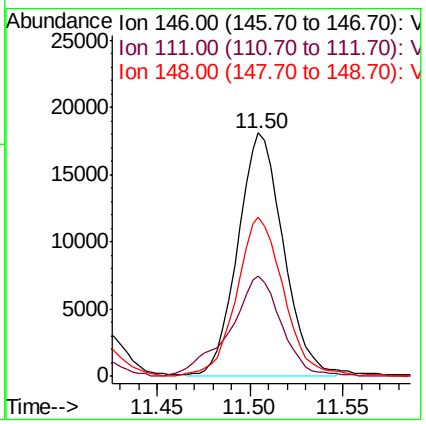


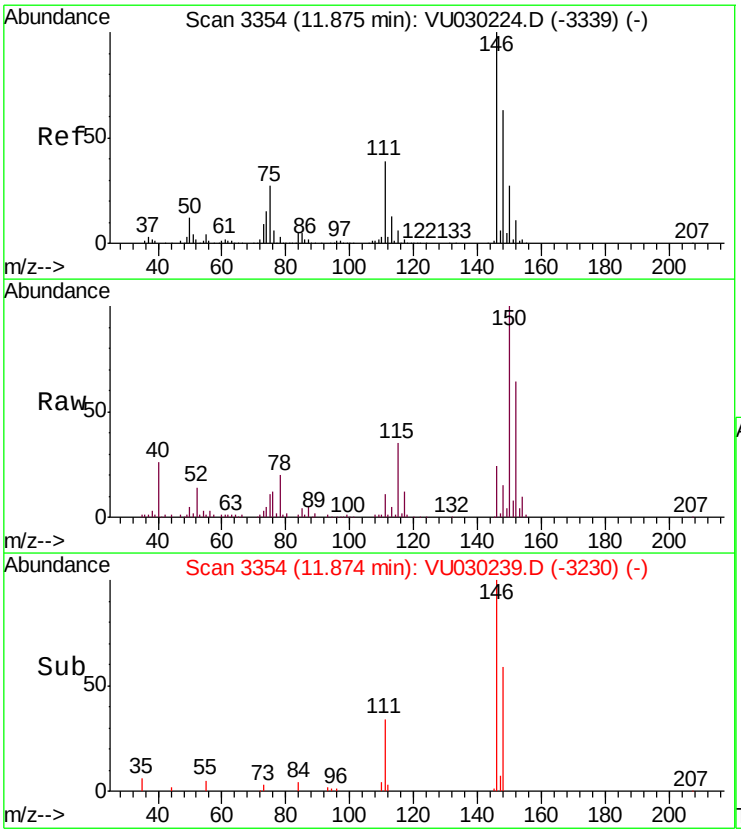
#63
1,4-Dichlorobenzene
Concen: 4.024 ug/L
RT: 11.50 min Scan# 3239
Delta R.T. -0.00 min
Lab File: VU030239.D
Acq: 20 Mar 2019 21:41

Instrument : MSVOA_U
ClientSampleId : C0995

Tgt Ion:146 Resp: 31022

Ion	Ratio	Lower	Upper
146	100		
111	41.2	25.3	46.9
148	65.4	44.7	82.9

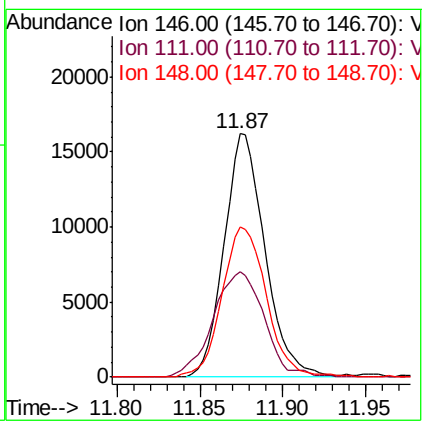


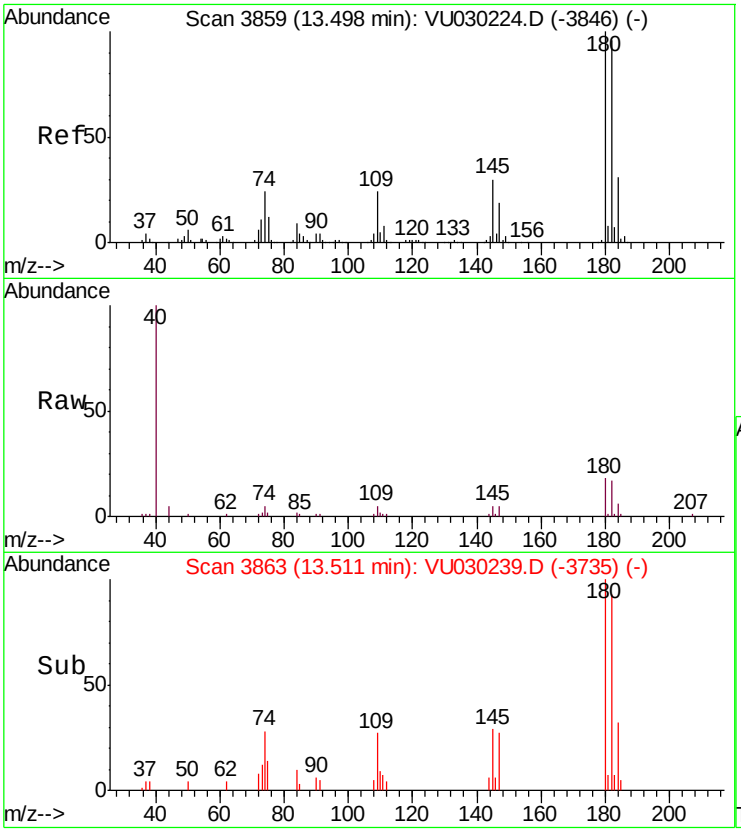


#65
1,2-Dichlorobenzene
Concen: 3.663 ug/L
RT: 11.87 min Scan# 3354
Delta R.T. -0.00 min
Lab File: VU030239.D
Acq: 20 Mar 2019 21:41

Tgt Ion:146 Resp: 27817

Ion	Ratio	Lower	Upper
146	100		
111	43.4	31.7	47.5
148	61.5	52.0	78.0



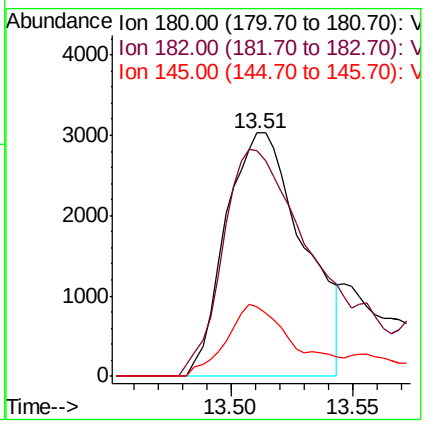


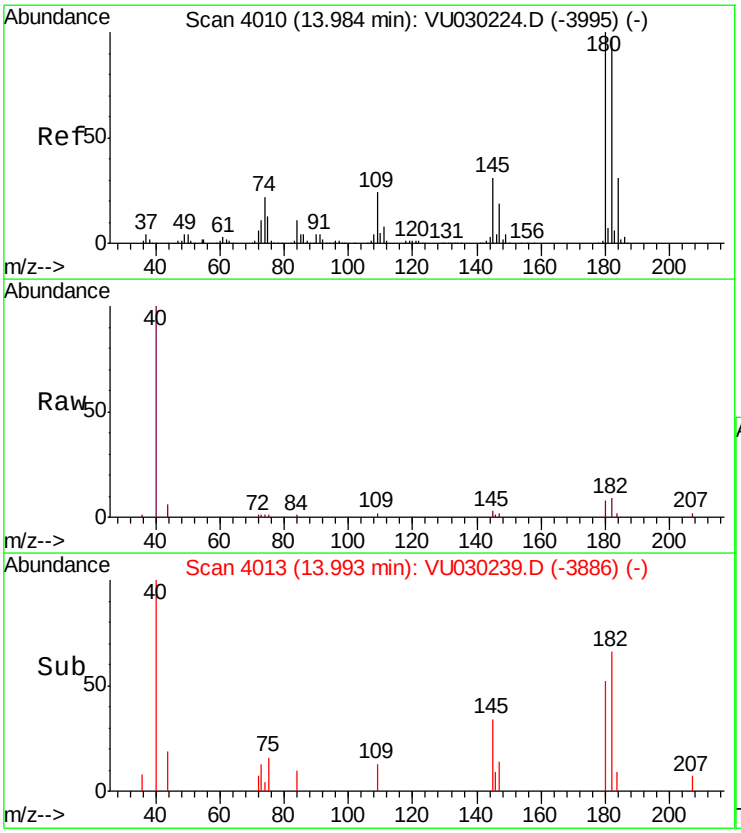
#68
1,2,4-trichlorobenzene
Concen: 1.300 ug/L
RT: 13.51 min Scan# 3863
Delta R.T. 0.01 min
Lab File: VU030239.D
Acq: 20 Mar 2019 21:41

Instrument :
MSVOA_U
ClientSampleId :
C0995

Tgt Ion:180 Resp: 6676

Ion	Ratio	Lower	Upper
180	100		
182	103.2	76.4	114.6
145	21.9	22.7	34.1#





#70
1,2,3-Trichlorobenzene
Concen: 0.566 ug/L
RT: 13.99 min Scan# 4013
Delta R.T. 0.01 min
Lab File: VU030239.D
Acq: 20 Mar 2019 21:41

Tgt Ion:180 Resp: 3033

Ion	Ratio	Lower	Upper
180	100		
182	131.2	75.9	113.9#
145	25.9	24.1	36.1