Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032419\

Quantitation Report (Not Reviewed)

Data File : VU030372.D
Acq On : 24 Mar 2019 15:50
Operator : JC/SP
Sample : K2016-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0983

Quant Time: Mar 25 03:25:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 25 03:20:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	396126	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	371814	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	153528	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	135369	42.46	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 84.92%			
7) Chloroethane-d5	1.68	69	115484	45.70	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 91.40%			
11) 1,1-Dichloroethene-d2	2.27	63	199973	33.07	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 66.14%			
21) 2-Butanone-d5	4.17	46	271191	90.49	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 90.49%			
24) Chloroform-d	4.64	84	255308	46.48	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.96%			
26) 1,2-Dichloroethane-d4	5.31	65	171370	47.68	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.36%			
32) Benzene-d6	5.34	84	518788	48.65	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.30%			
36) 1,2-Dichloropropane-d6	6.33	67	186009	50.99	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 101.98%			
41) Toluene-d8	7.56	98	451242	47.12	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.24%			
43) trans-1,3-Dichloropropene-	7.85	79	71124	41.46	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 82.92%			
47) 2-Hexanone-d5	8.31	63	177502	89.79	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 89.79%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	245588	47.04	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 94.08%			
64) 1,2-Dichlorobenzene-d4	11.86	152	156099	50.74	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.48%			
Target Compounds						Qvalue
13) Acetone	2.32	43	14091	4.649	ug/L	99
44) trans-1,3-Dichloropropene	7.85	75	2857	0.629	ug/L #	79
48) 2-Hexanone	8.37	43	5315	1.075	ug/L #	80
51) Chlorobenzene	9.12	112	251432	31.583	ug/L	97
59) 1,2,3-Trichloropropane	11.41	75	14574	3.333	ug/L #	43
62) 1,3-Dichlorobenzene	11.41	146	43959	8.755	ug/L	96
63) 1,4-Dichlorobenzene	11.50	146	175245	33.905	ug/L	99
65) 1,2-Dichlorobenzene	11.87	146	97666	19.238	ug/L	98
68) 1,2,4-trichlorobenzene	13.52	180	2196	0.672	ug/L #	48

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

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MSVOA_U
ClientSampleId :
C0983

Quant Time: Mar 25 03:25:33 2019
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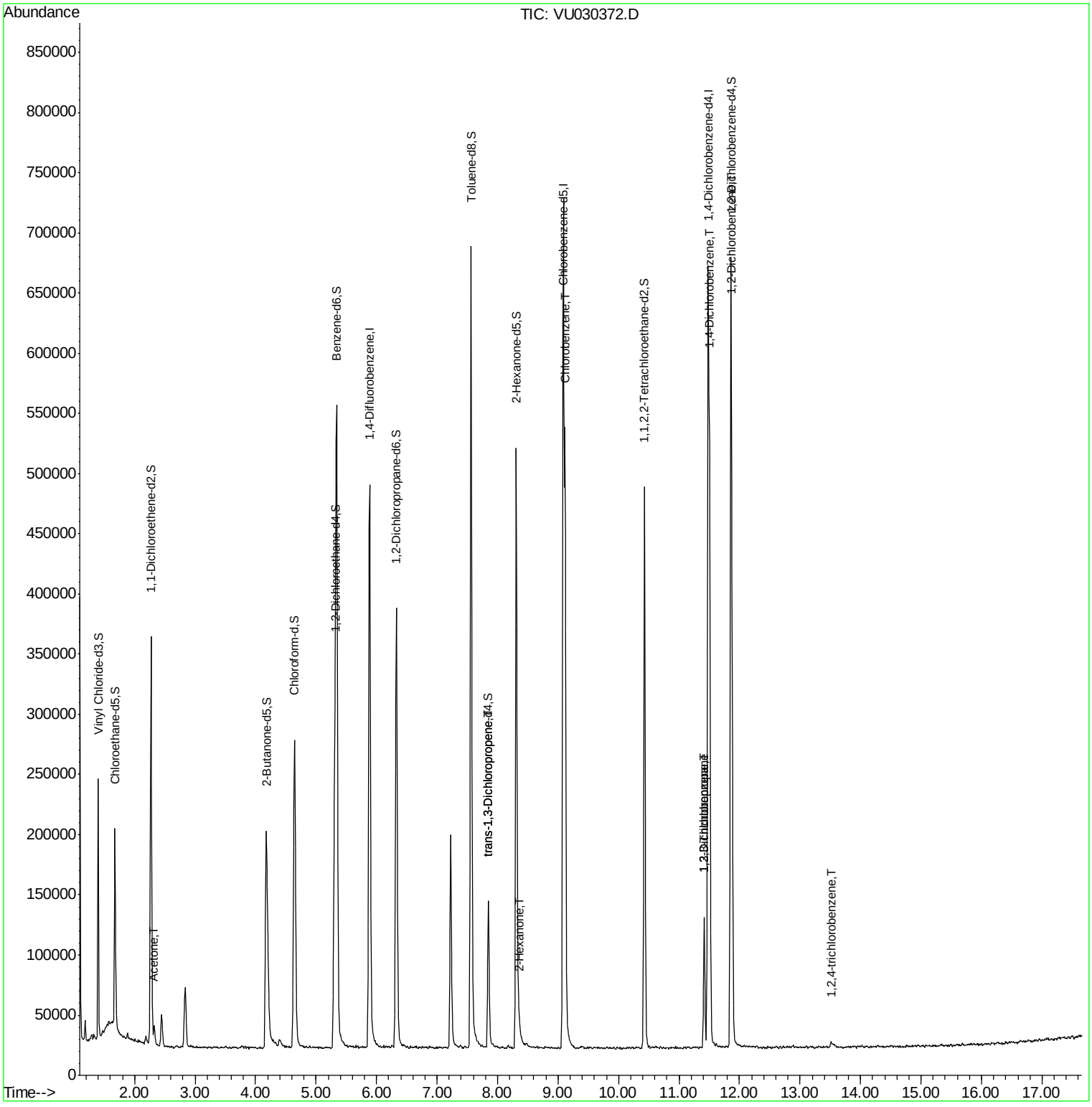
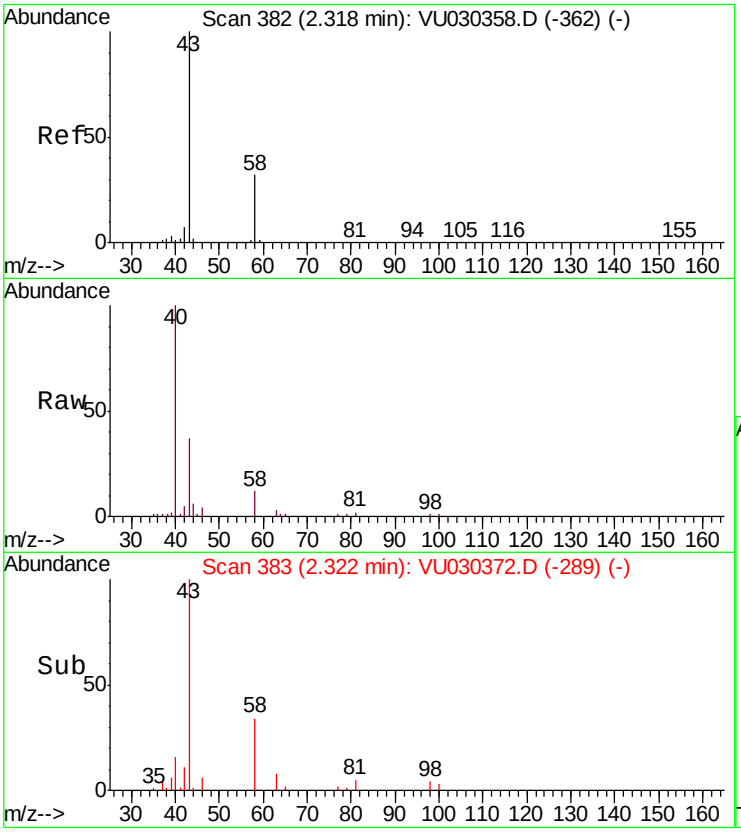
Quant Title : VOC Analysis
QLast Update : Mon Mar 25 03:20:51 2019
Response via : Initial Calibration



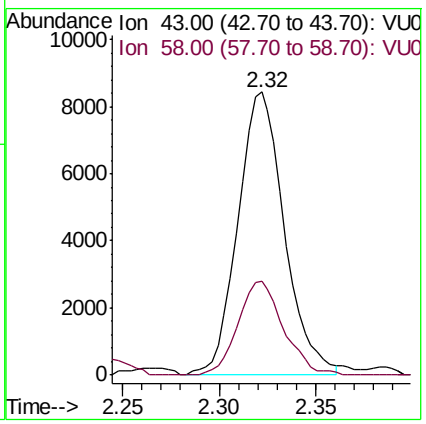


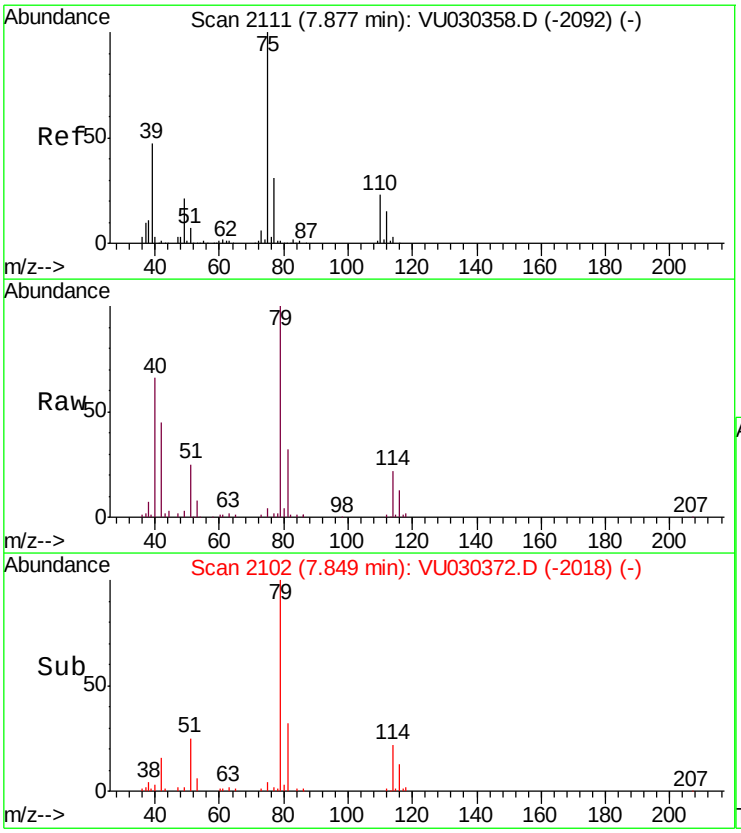
#13
Acetone
Concen: 4.649 ug/L
RT: 2.32 min Scan# 383
Delta R.T. 0.00 min
Lab File: VU030372.D
Acq: 24 Mar 2019 15:50

Instrument :
MSVOA_U
ClientSampleId :
C0983

Tgt Ion: 43 Resp: 14091

Ion	Ratio	Lower	Upper
43	100		
58	32.2	0.0	62.8

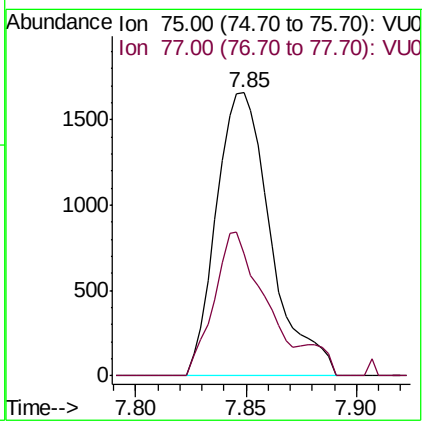


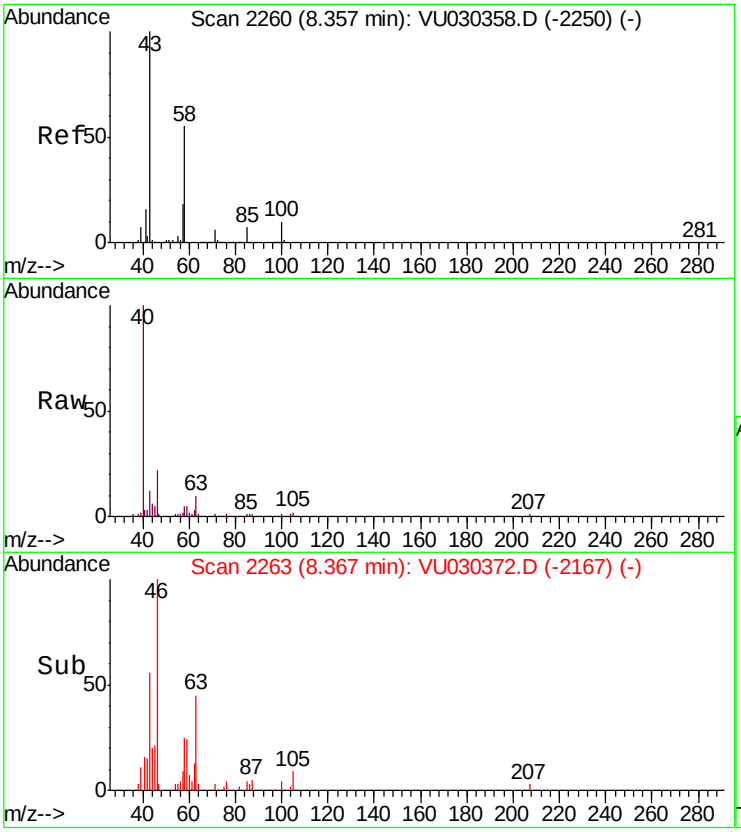


#44
trans-1,3-Dichloropropene
Concen: 0.629 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU030372.D
Acq: 24 Mar 2019 15:50

Tgt Ion: 75 Resp: 2857

Ion	Ratio	Lower	Upper
75	100		
77	42.9	22.0	40.8#



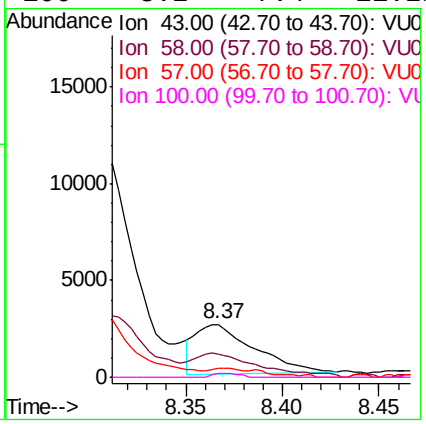


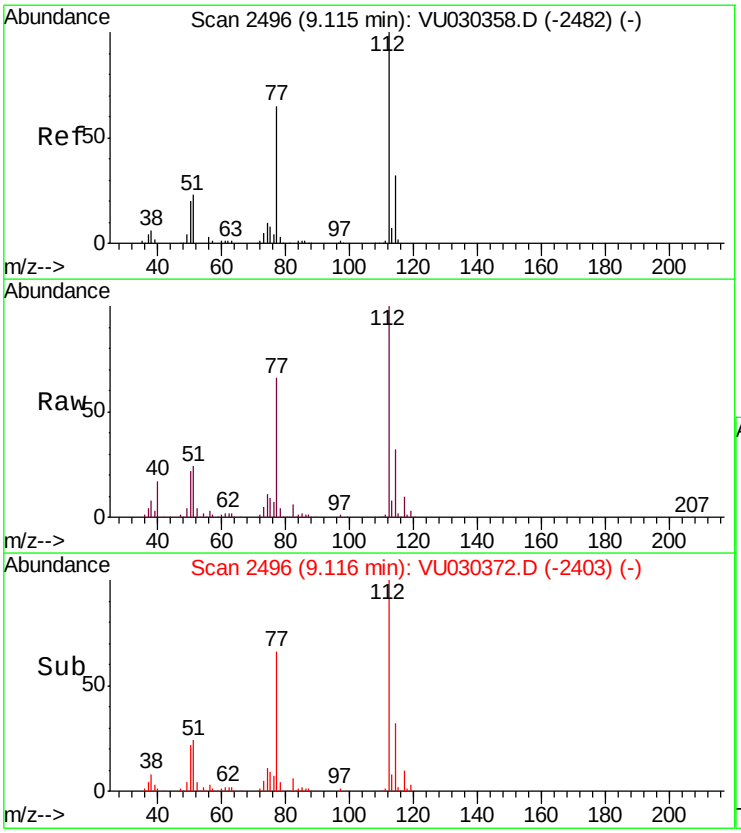
#48
2-Hexanone
Concen: 1.075 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.01 min
Lab File: VU030372.D
Acq: 24 Mar 2019 15:50

Instrument : MSVOA_U
ClientSampleId : C0983

Tgt Ion: 43 Resp: 5315

Ion	Ratio	Lower	Upper
43	100		
58	39.0	42.5	63.7#
57	9.0	15.0	22.6#
100	3.2	7.4	11.2#

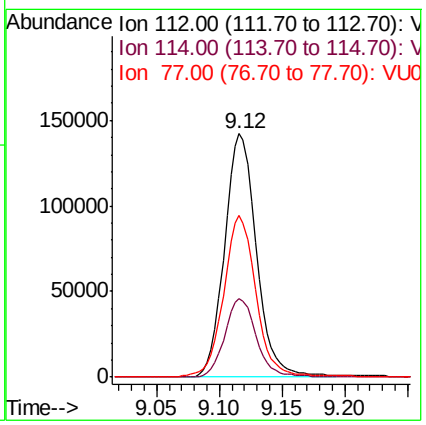


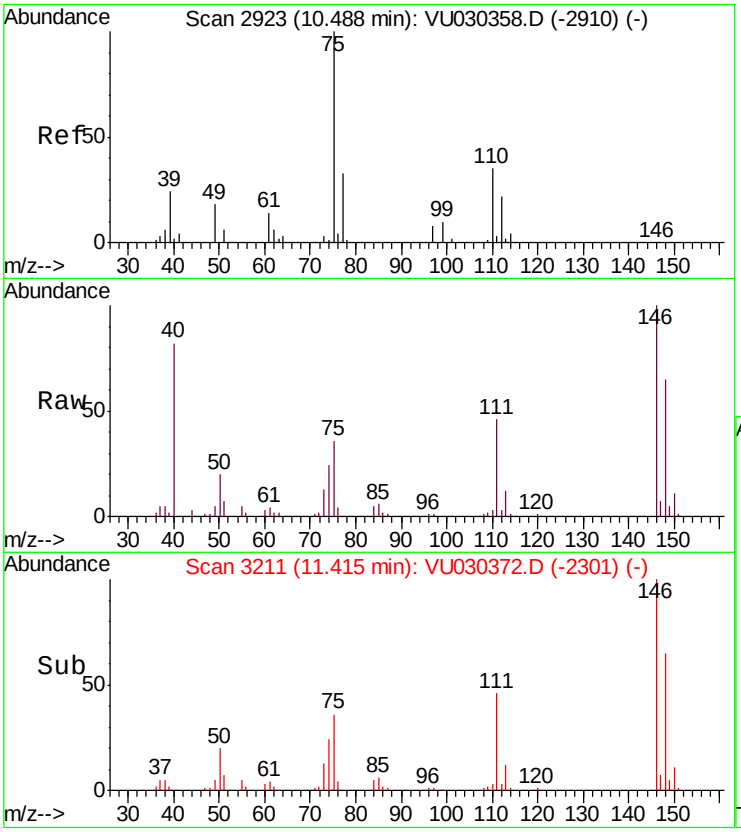


#51
Chlorobenzene
Concen: 31.583 ug/L
RT: 9.12 min Scan# 2496
Delta R.T. 0.00 min
Lab File: VU030372.D
Acq: 24 Mar 2019 15:50

Tgt Ion:112 Resp: 251432

Ion	Ratio	Lower	Upper
112	100		
114	32.2	21.5	39.9
77	66.2	51.4	77.0



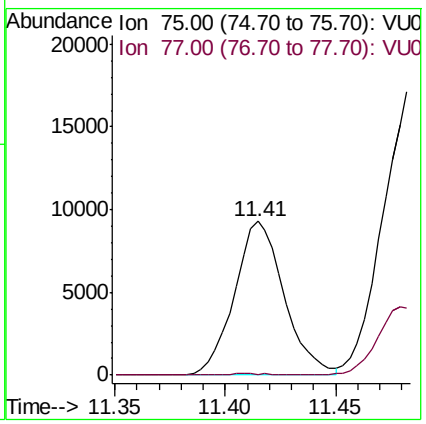


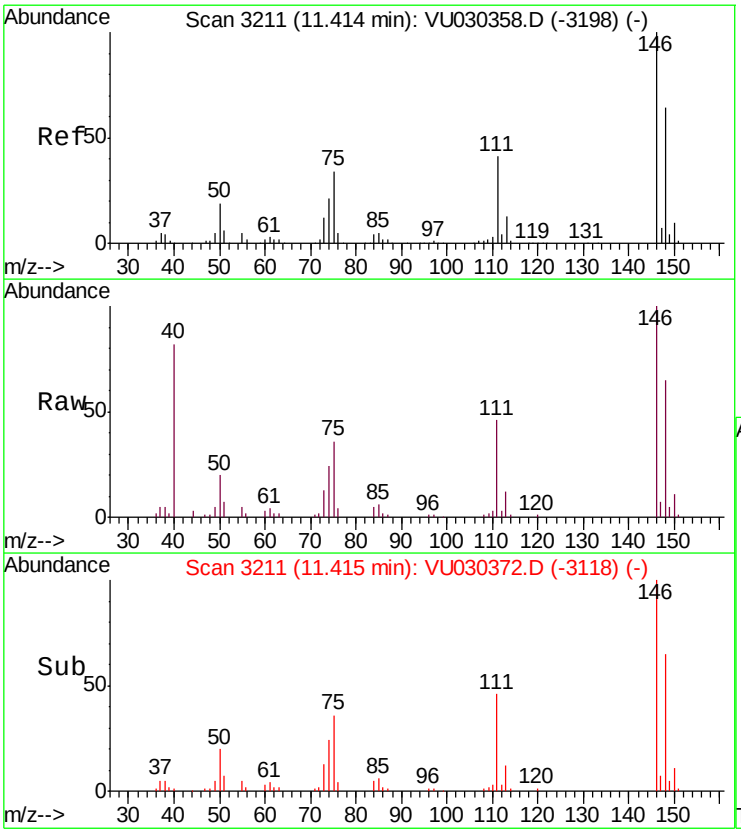
#59
1,2,3-Trichloropropane
Concen: 3.333 ug/L
RT: 11.41 min Scan# 3211
Delta R.T. 0.93 min
Lab File: VU030372.D
Acq: 24 Mar 2019 15:50

Instrument : MSVOA_U
ClientSampleId : C0983

Tgt Ion: 75 Resp: 14574

Ion	Ratio	Lower	Upper
75	100		
77	0.1	25.4	38.2#

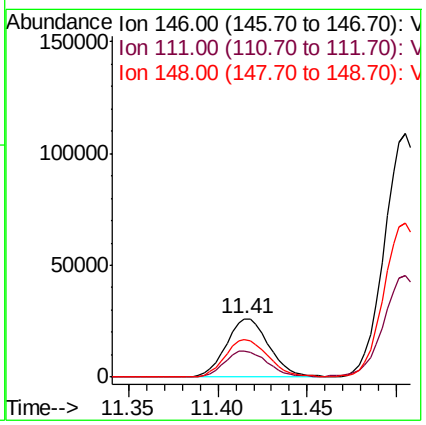


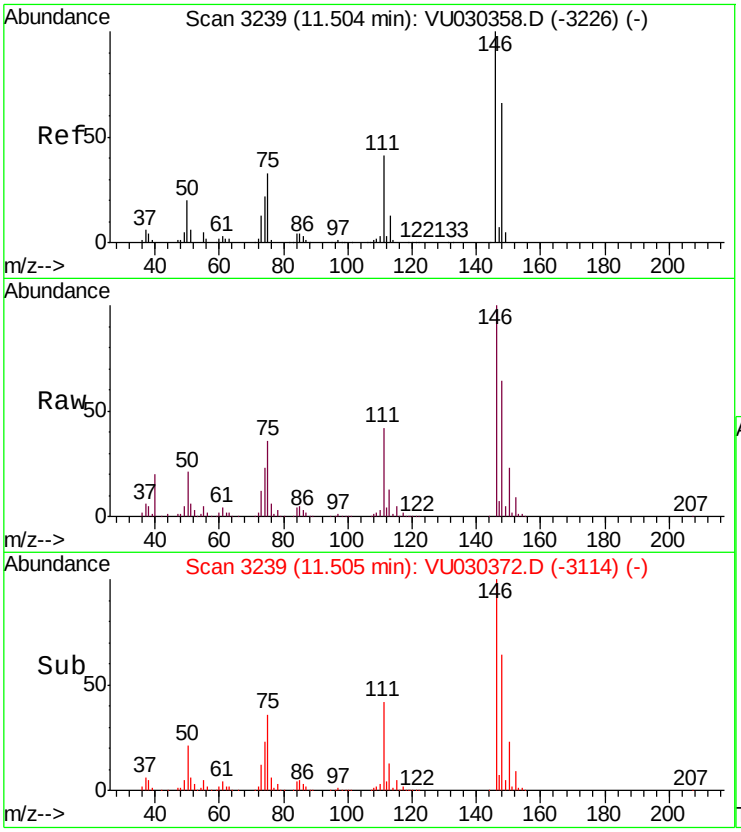


#62
1,3-Dichlorobenzene
Concen: 8.755 ug/L
RT: 11.41 min Scan# 3211
Delta R.T. 0.00 min
Lab File: VU030372.D
Acq: 24 Mar 2019 15:50

Tgt Ion:146 Resp: 43959

Ion	Ratio	Lower	Upper
146	100		
111	45.6	29.2	54.2
148	65.0	44.4	82.4



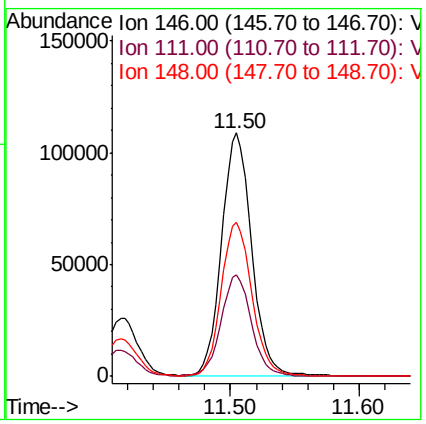


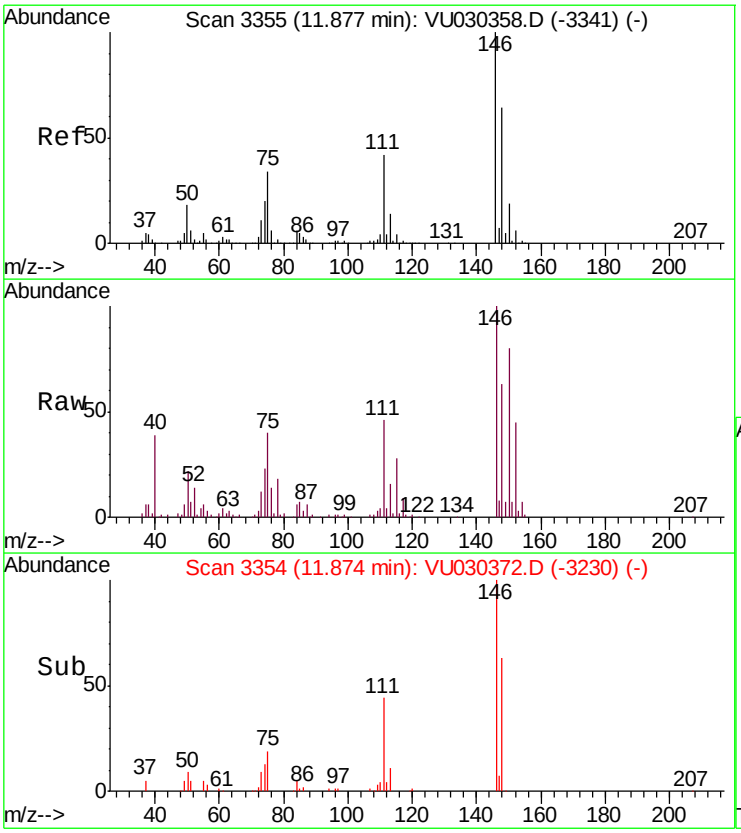
#63
1,4-Dichlorobenzene
Concen: 33.905 ug/L
RT: 11.50 min Scan# 3239
Delta R.T. 0.00 min
Lab File: VU030372.D
Acq: 24 Mar 2019 15:50

Instrument : MSVOA_U
ClientSampleId : C0983

Tgt Ion:146 Resp: 175245

Ion	Ratio	Lower	Upper
146	100		
111	41.9	28.7	53.3
148	63.5	44.3	82.3

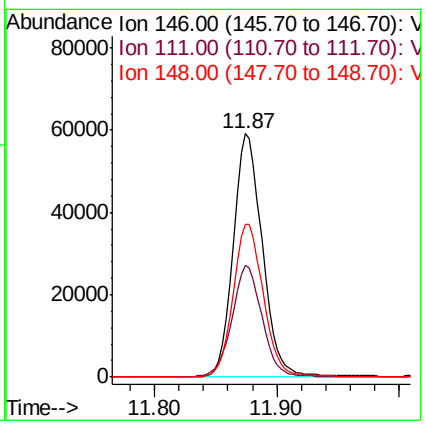


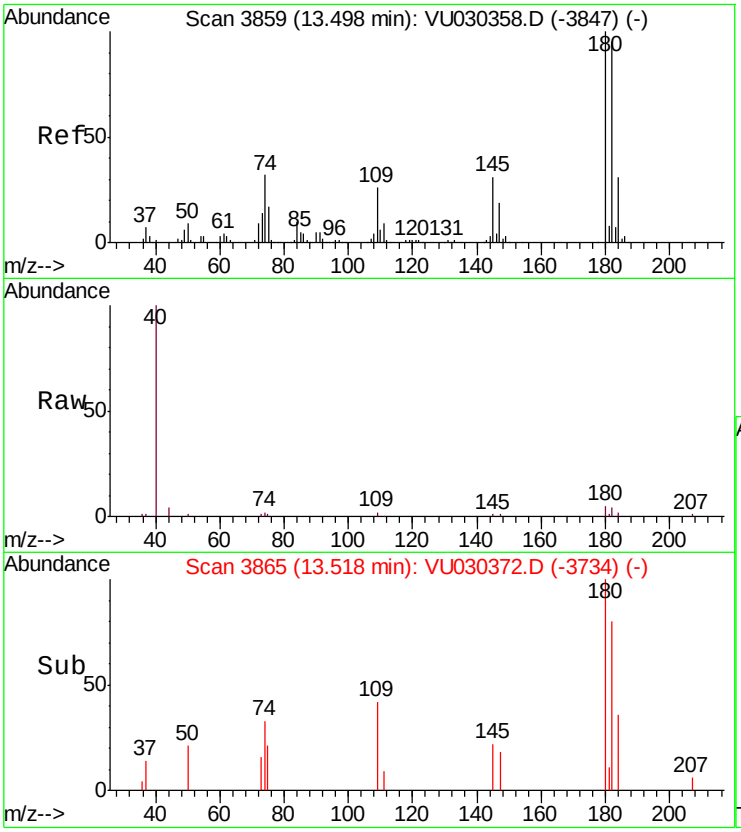


#65
1,2-Dichlorobenzene
Concen: 19.238 ug/L
RT: 11.87 min Scan# 3354
Delta R.T. -0.00 min
Lab File: VU030372.D
Acq: 24 Mar 2019 15:50

Tgt Ion:146 Resp: 97666

Ion	Ratio	Lower	Upper
146	100		
111	45.9	34.9	52.3
148	62.7	51.2	76.8





#68
1,2,4-trichlorobenzene
Concen: 0.672 ug/L
RT: 13.52 min Scan# 3865
Delta R.T. 0.02 min
Lab File: VU030372.D
Acq: 24 Mar 2019 15:50

Instrument :
MSVOA_U
ClientSampleId :
C0983

Tgt Ion:180 Resp: 2196

Ion	Ratio	Lower	Upper
180	100		
182	34.9	76.1	114.1#
145	18.5	24.5	36.7#