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

Quantitation Report (Not Reviewed)

Data File : VU030371.D
Acq On : 24 Mar 2019 15:26
Operator : JC/SP
Sample : K2016-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0982

Quant Time: Mar 25 03:25:24 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	391796	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	363882	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	143329	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	137833	43.71	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 87.42%			
7) Chloroethane-d5	1.68	69	119577	47.85	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 95.70%			
11) 1,1-Dichloroethene-d2	2.27	63	206648	34.55	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 69.10%			
21) 2-Butanone-d5	4.17	46	278454	93.94	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 93.94%			
24) Chloroform-d	4.64	84	260268	47.91	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.82%			
26) 1,2-Dichloroethane-d4	5.31	65	176488	49.65	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.30%			
32) Benzene-d6	5.34	84	542490	51.99	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.98%			
36) 1,2-Dichloropropane-d6	6.33	67	192260	53.85	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 107.70%			
41) Toluene-d8	7.56	98	462011	49.30	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.60%			
43) trans-1,3-Dichloropropene-	7.85	79	74445	44.34	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 88.68%			
47) 2-Hexanone-d5	8.31	63	186125	96.20	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 96.20%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	252589	49.44	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 98.88%			
64) 1,2-Dichlorobenzene-d4	11.86	152	156160	54.38	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 108.76%			
Target Compounds						Qvalue
3) Chloromethane	1.33	50	3256	0.673	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1647	0.576	ug/L #	21
13) Acetone	2.32	43	10192	3.400	ug/L	96
44) trans-1,3-Dichloropropene	7.85	75	2944	0.662	ug/L #	80
51) Chlorobenzene	9.12	112	5833	0.749	ug/L	96
59) 1,2,3-Trichloropropane	11.48	75	19480	4.553	ug/L	94
63) 1,4-Dichlorobenzene	11.50	146	3640	0.754	ug/L	95
65) 1,2-Dichlorobenzene	11.88	146	3588	0.757	ug/L #	85

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

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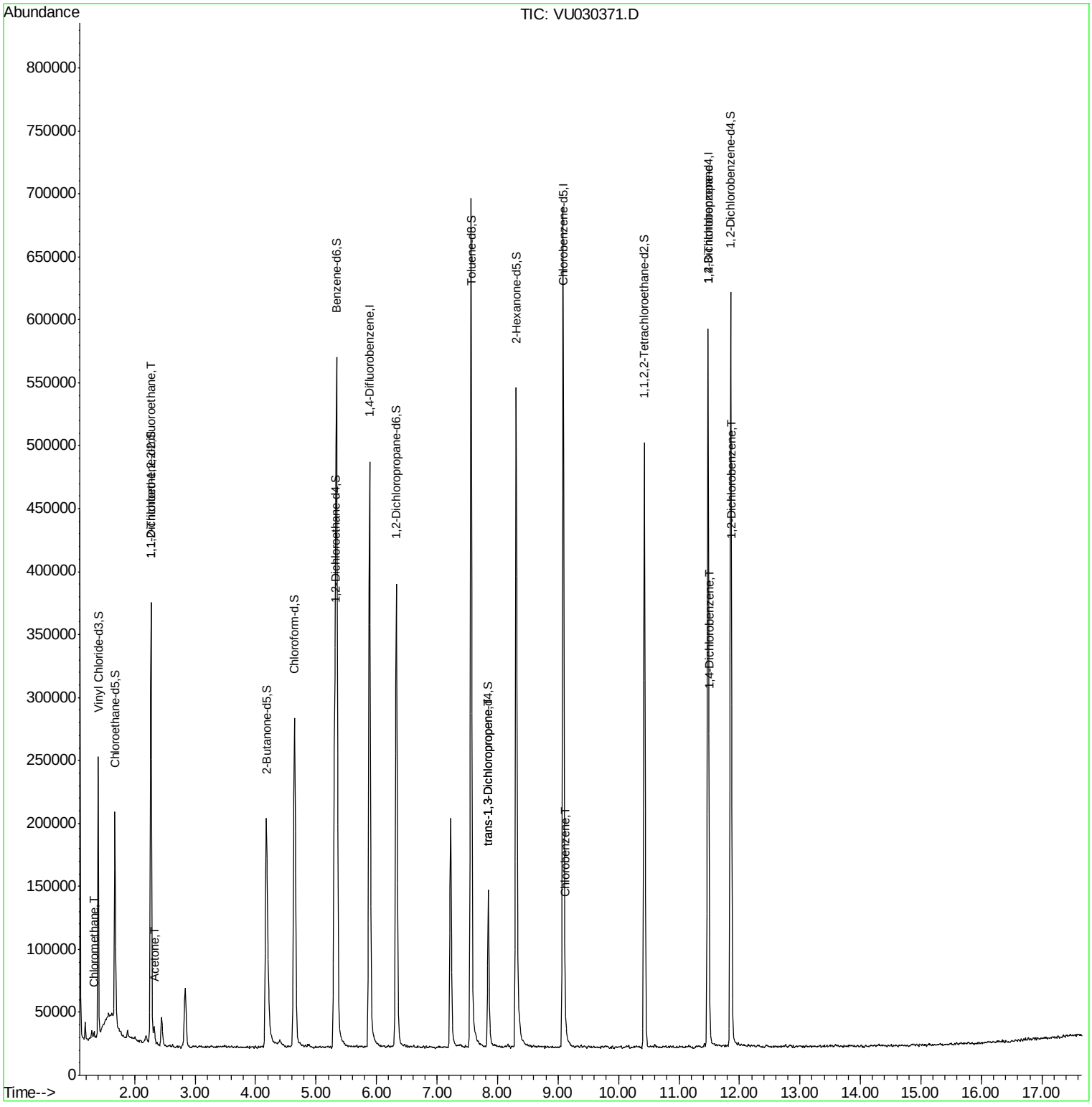
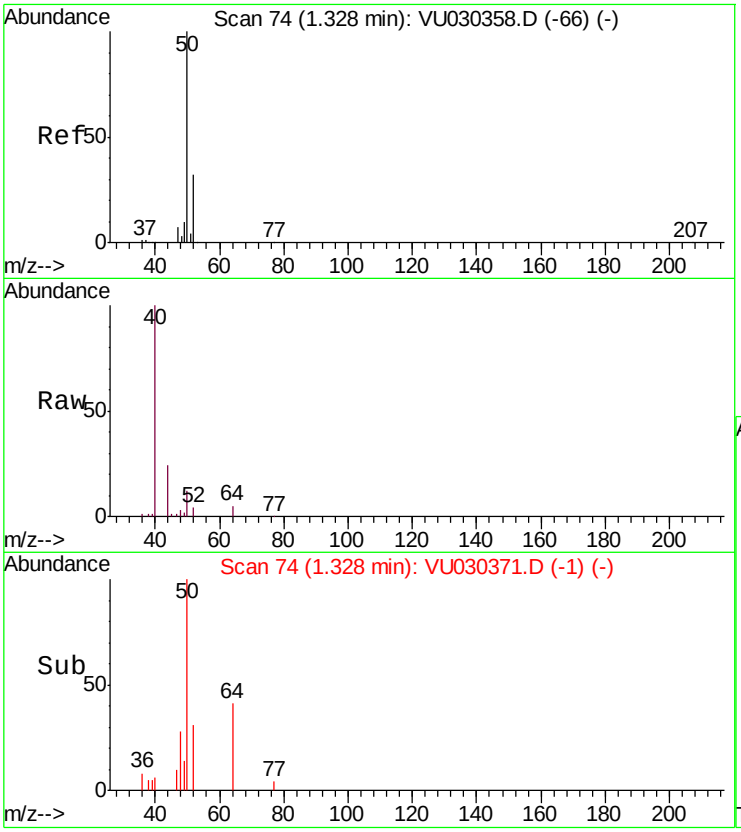
Quant Title : VOC Analysis
QLast Update : Mon Mar 25 03:20:51 2019
Response via : Initial Calibration



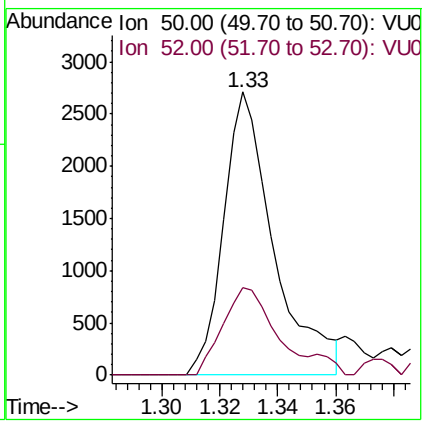


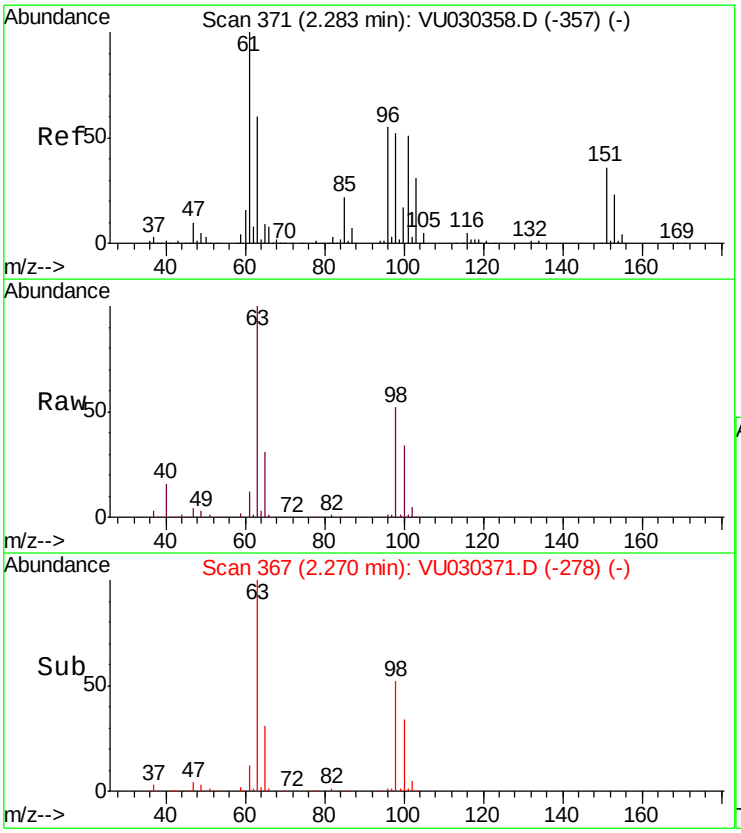
#3
Chloromethane
Concen: 0.673 ug/L
RT: 1.33 min Scan# 74
Delta R.T. 0.00 min
Lab File: VU030371.D
Acq: 24 Mar 2019 15:26

Instrument :
MSVOA_U
ClientSampleId :
C0982

Tgt Ion: 50 Resp: 3256

Ion	Ratio	Lower	Upper
50	100		
52	31.0	23.0	42.6

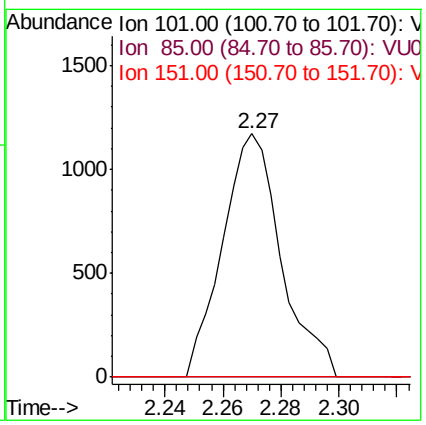


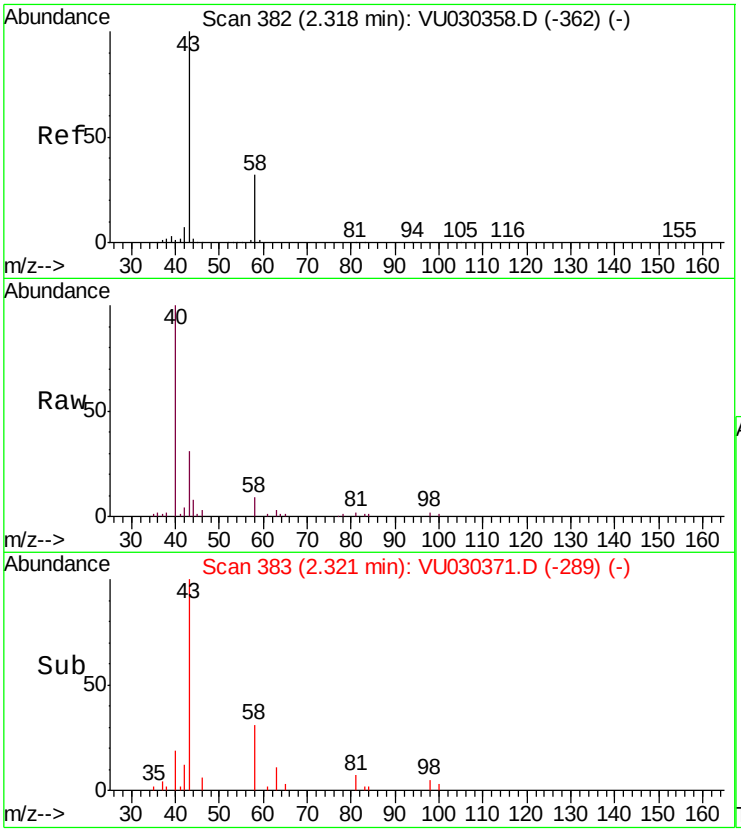


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.576 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.01 min
Lab File: VU030371.D
Acq: 24 Mar 2019 15:26

Tgt Ion:101 Resp: 1647

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



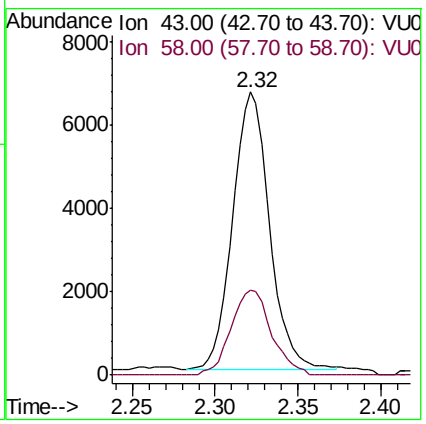


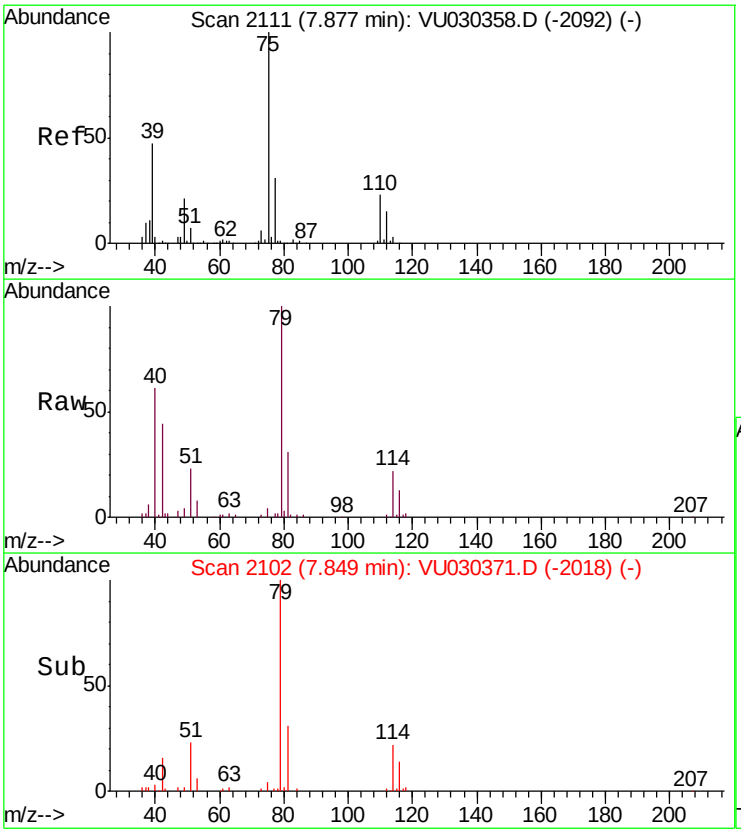
#13
Acetone
Concen: 3.400 ug/L
RT: 2.32 min Scan# 383
Delta R.T. 0.00 min
Lab File: VU030371.D
Acq: 24 Mar 2019 15:26

Instrument : MSVOA_U
ClientSampleId : C0982

Tgt Ion: 43 Resp: 10192

Ion	Ratio	Lower	Upper
43	100		
58	33.9	0.0	62.8

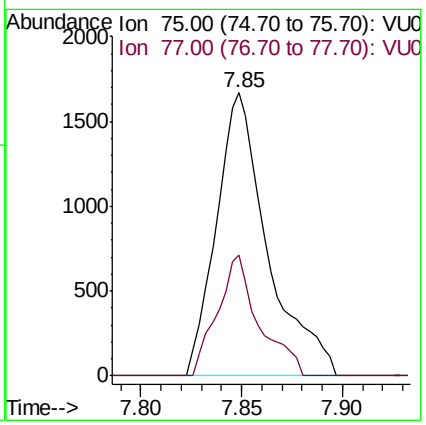


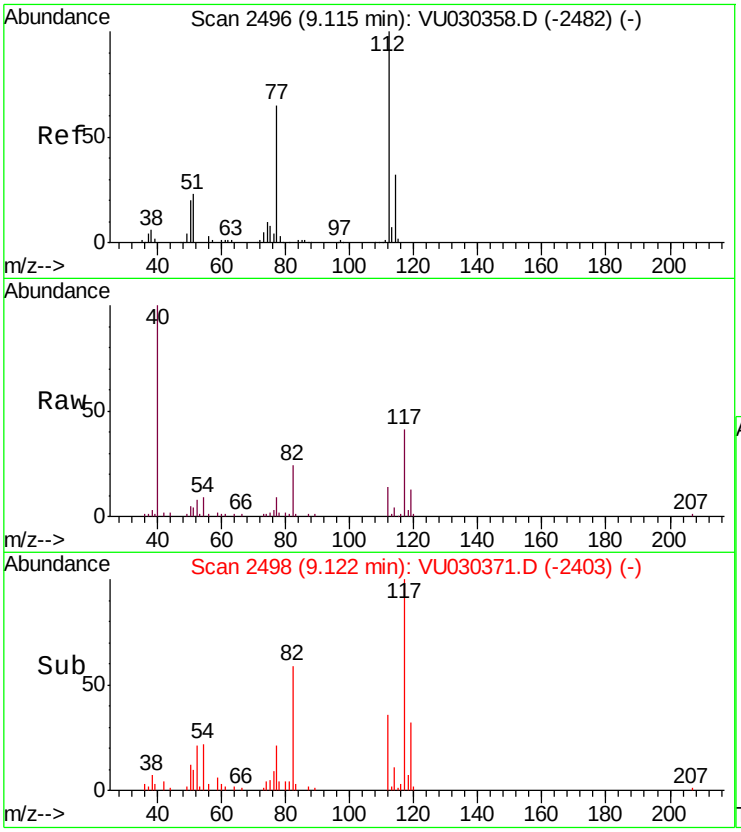


#44
trans-1,3-Dichloropropene
Concen: 0.662 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU030371.D
Acq: 24 Mar 2019 15:26

Tgt Ion: 75 Resp: 2944

Ion	Ratio	Lower	Upper
75	100		
77	42.6	22.0	40.8#



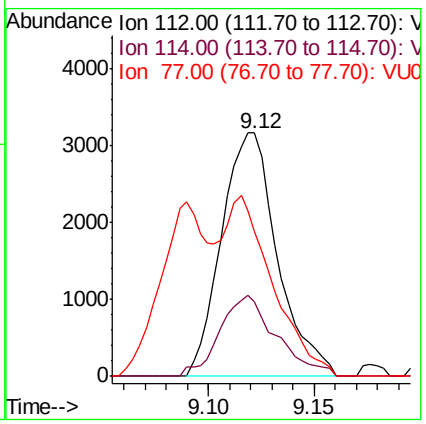


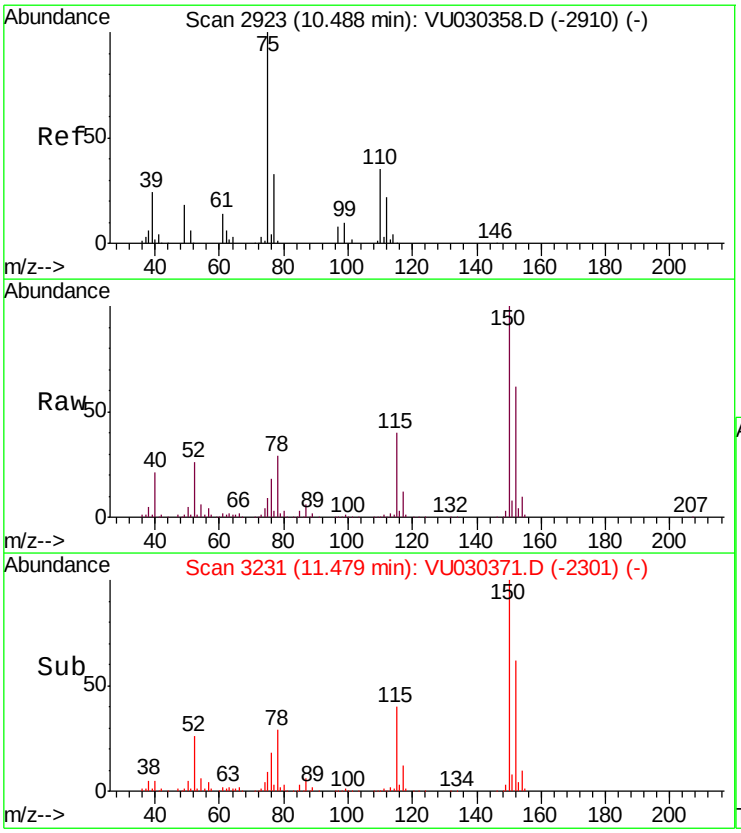
#51
Chlorobenzene
Concen: 0.749 ug/L
RT: 9.12 min Scan# 2498
Delta R.T. 0.01 min
Lab File: VU030371.D
Acq: 24 Mar 2019 15:26

Instrument :
MSVOA_U
ClientSampleId :
C0982

Tgt Ion:112 Resp: 5833

Ion	Ratio	Lower	Upper
112	100		
114	30.8	21.5	39.9
77	59.3	51.4	77.0

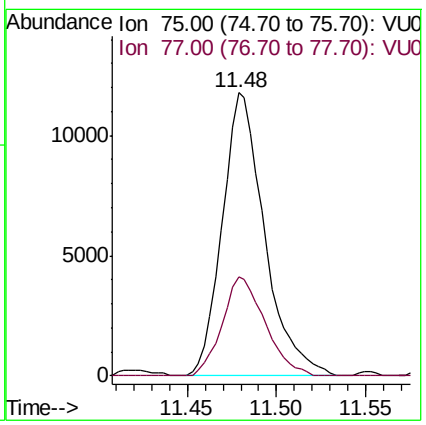


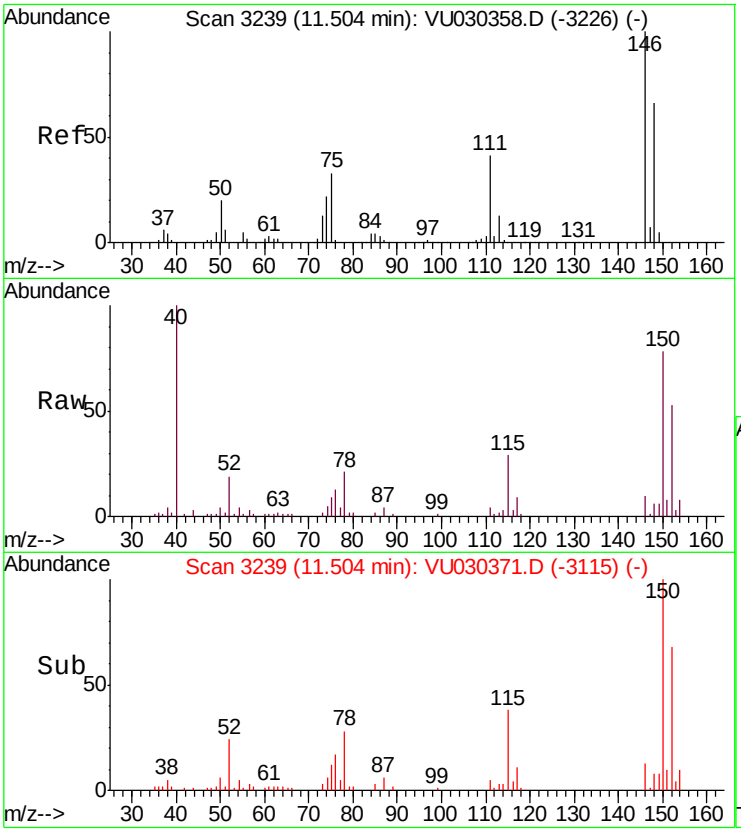


#59
1,2,3-Trichloropropane
Concen: 4.553 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU030371.D
Acq: 24 Mar 2019 15:26

Tgt Ion: 75 Resp: 19480

Ion	Ratio	Lower	Upper
75	100		
77	35.4	25.4	38.2



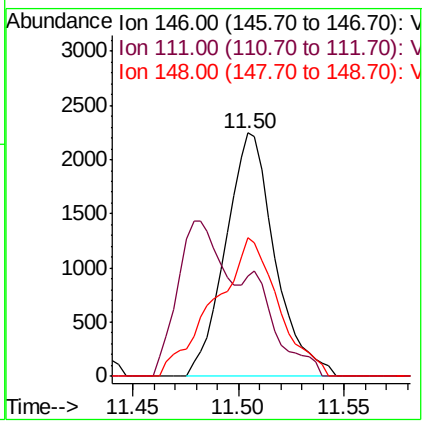


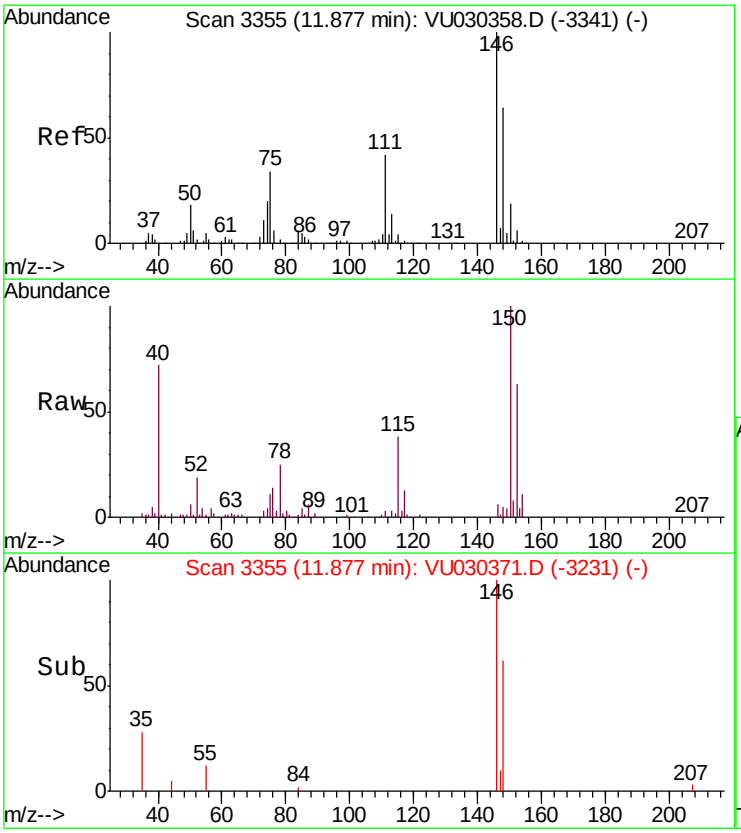
#63
1,4-Dichlorobenzene
Concen: 0.754 ug/L
RT: 11.50 min Scan# 3239
Delta R.T. 0.00 min
Lab File: VU030371.D
Acq: 24 Mar 2019 15:26

Instrument : MSVOA_U
ClientSampleId : C0982

Tgt Ion:146 Resp: 3640

Ion	Ratio	Lower	Upper
146	100		
111	41.3	28.7	53.3
148	57.1	44.3	82.3





#65
1,2-Dichlorobenzene
Concen: 0.757 ug/L
RT: 11.88 min Scan# 3355
Delta R.T. 0.00 min
Lab File: VU030371.D
Acq: 24 Mar 2019 15:26

Tgt Ion:146 Resp: 3588

Ion	Ratio	Lower	Upper
146	100		
111	52.5	34.9	52.3#
148	76.4	51.2	76.8