Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU030519\

Quantitation Report (Not Reviewed)

Data File : VU029814.D
Acq On : 05 Mar 2019 11:23
Operator : JC/SP
Sample : K1661-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VHBLK01

Quant Time: Mar 06 00:45:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 06 00:41:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	492680	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	471811	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	228744	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	155825	43.16	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 86.32%			
7) Chloroethane-d5	1.68	69	131736	41.05	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 82.10%			
11) 1,1-Dichloroethene-d2	2.27	63	221188	31.34	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 62.68%			
21) 2-Butanone-d5	4.17	46	227674	103.63	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 103.63%			
24) Chloroform-d	4.64	84	280750	47.95	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.90%			
26) 1,2-Dichloroethane-d4	5.31	65	176039	47.48	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.96%			
32) Benzene-d6	5.34	84	621135	52.32	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.64%			
36) 1,2-Dichloropropane-d6	6.33	67	190615	53.37	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 106.74%			
41) Toluene-d8	7.56	98	569979	47.04	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.08%			
43) trans-1,3-Dichloropropene-	7.85	79	87566	46.22	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 92.44%			
47) 2-Hexanone-d5	8.31	63	197097	99.09	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 99.09%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	281985	46.72	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 93.44%			
64) 1,2-Dichlorobenzene-d4	11.86	152	231290	46.92	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.84%			

Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2160	0.629	ug/L #	17
12) 1,1-Dichloroethene	2.27	96	1925	0.590	ug/L #	1
25) Chloroform	4.67	83	7162	1.233	ug/L	85
39) cis-1,3-Dichloropropene	7.22	75	4921	0.961	ug/L	90
48) 2-Hexanone	8.31	43	19803	5.077	ug/L #	67
59) 1,2,3-Trichloropropane	11.48	75	22402	4.948	ug/L	91

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

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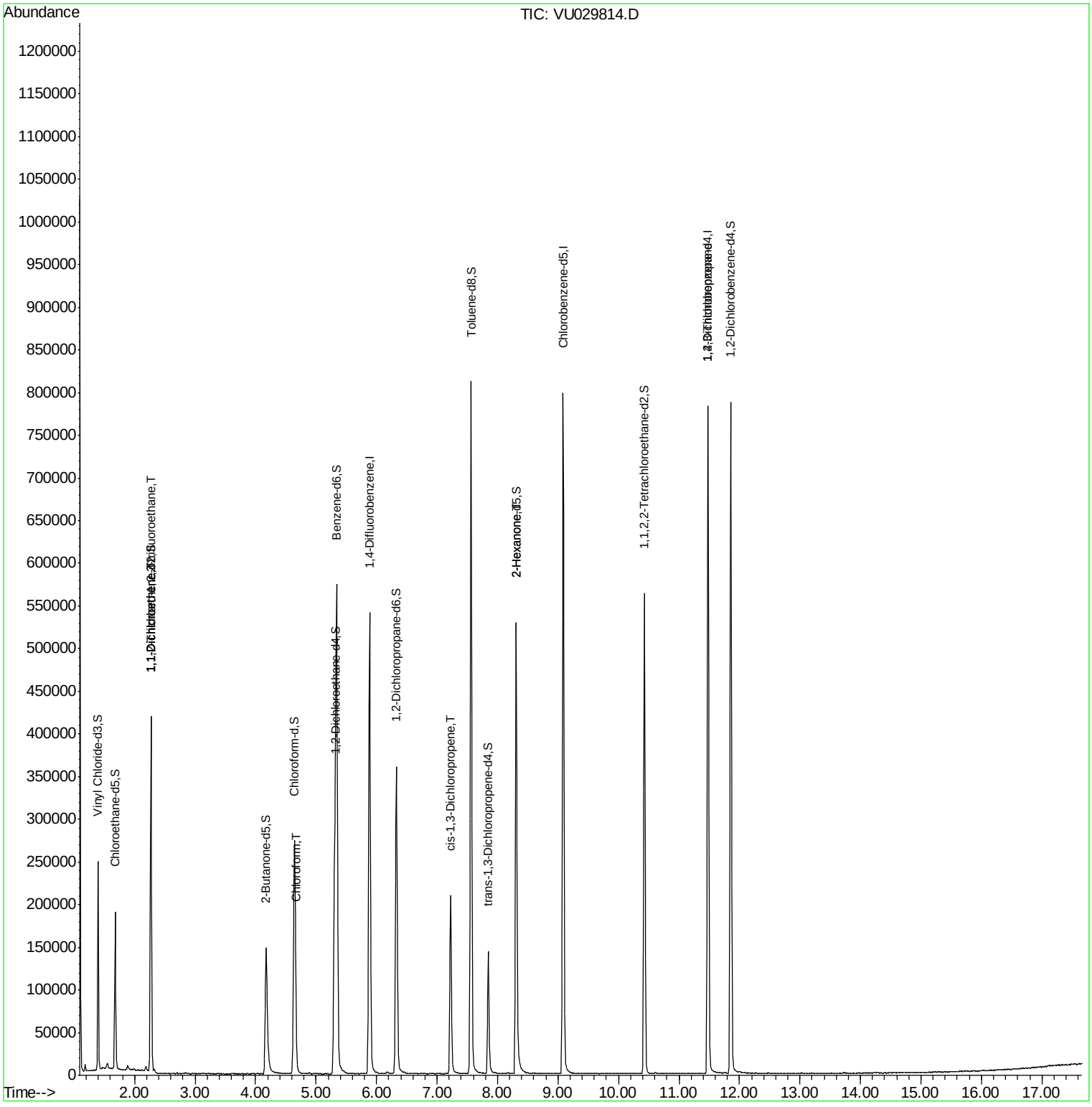
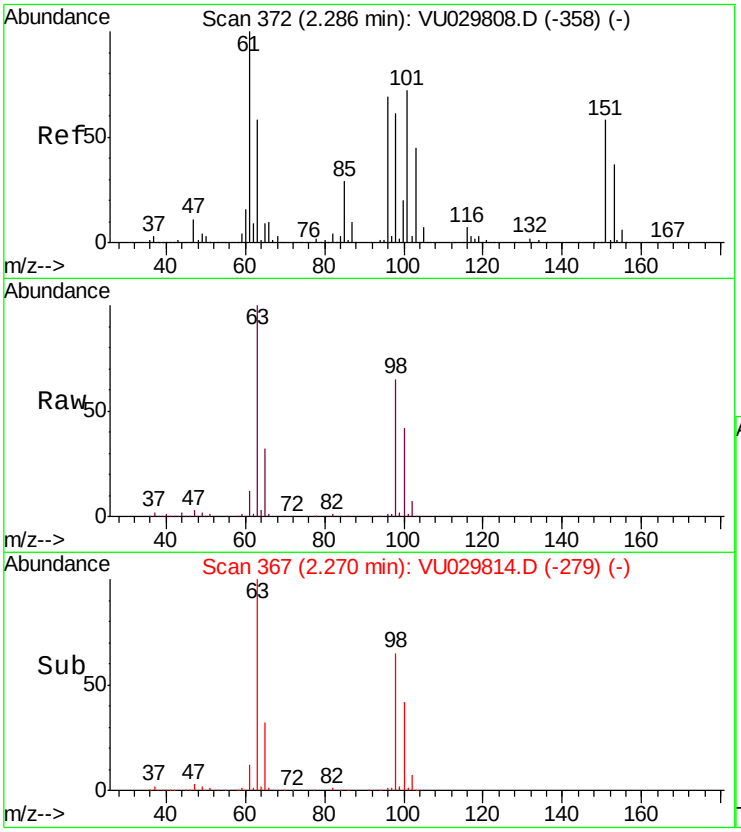
Quant Title : VOC Analysis
QLast Update : Wed Mar 06 00:41:37 2019
Response via : Initial Calibration



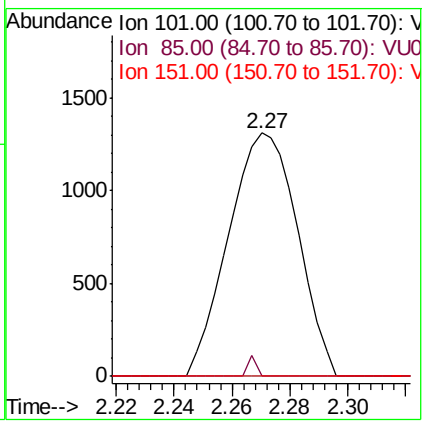


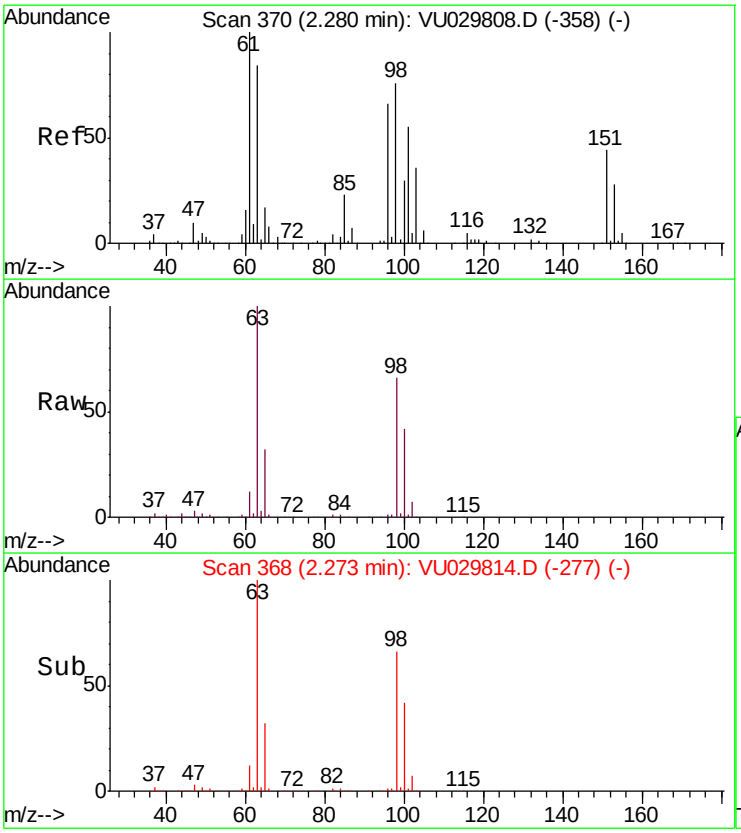
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.629 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.02 min
Lab File: VU029814.D
Acq: 05 Mar 2019 11:23

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tgt Ion:101 Resp: 2160

Ion	Ratio	Lower	Upper
101	100		
85	0.0	33.0	49.6#
151	0.0	65.7	98.5#

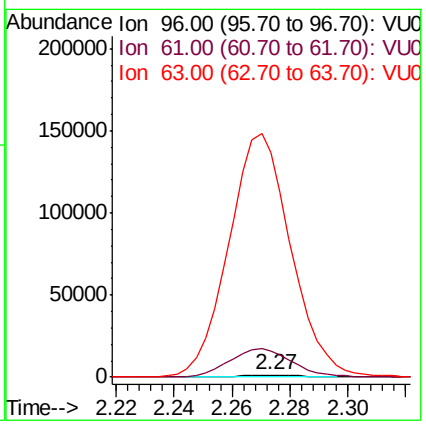


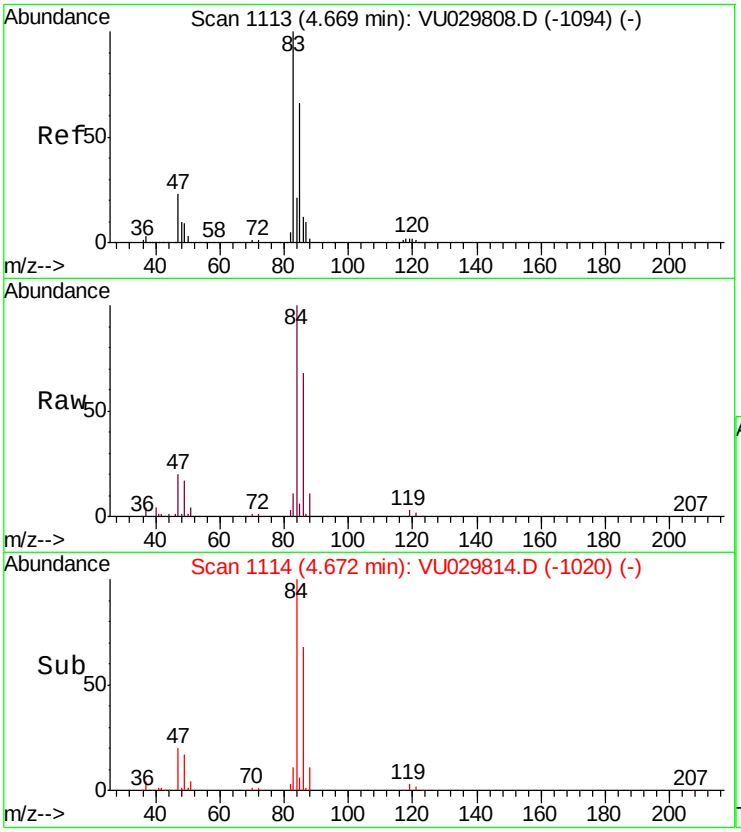


#12
1,1-Dichloroethene
Concen: 0.590 ug/L
RT: 2.27 min Scan# 368
Delta R.T. -0.01 min
Lab File: VU029814.D
Acq: 05 Mar 2019 11:23

Tgt Ion: 96 Resp: 1925

Ion	Ratio	Lower	Upper
96	100		
61	1204.3	114.0	211.8#
63	10372.1	98.7	183.3#



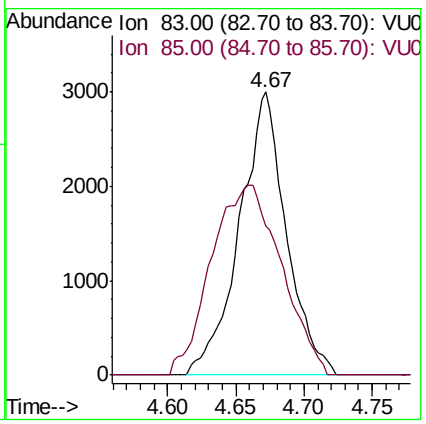


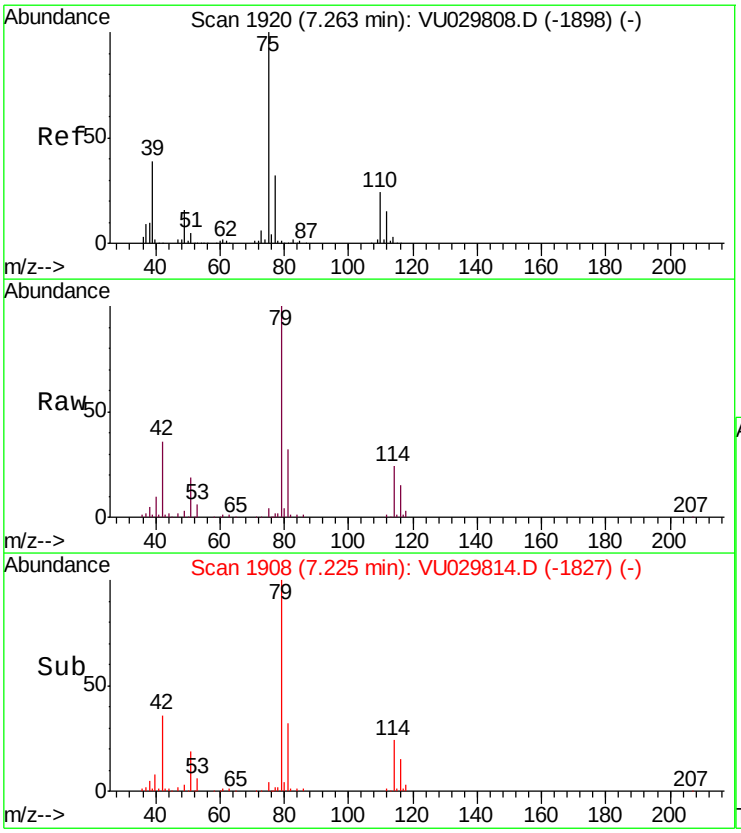
#25
Chloroform
Concen: 1.233 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VU029814.D
Acq: 05 Mar 2019 11:23

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tgt Ion: 83 Resp: 7162

Ion	Ratio	Lower	Upper
83	100		
85	52.7	45.4	84.2

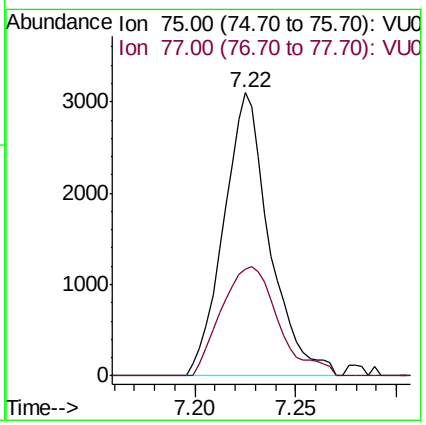


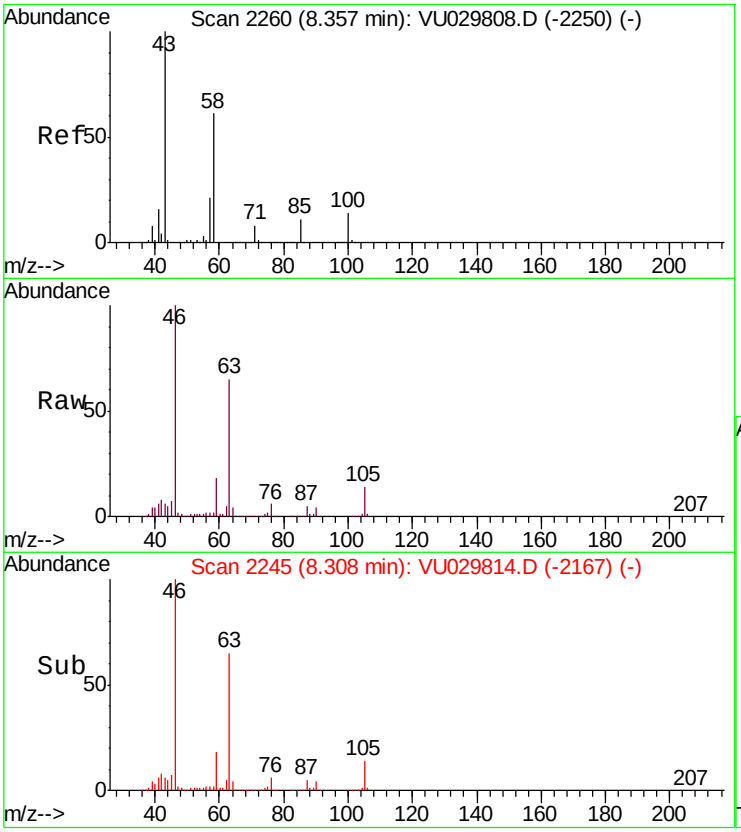


#39
cis-1,3-Dichloropropene
Concen: 0.961 ug/L
RT: 7.22 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU029814.D
Acq: 05 Mar 2019 11:23

Tgt Ion: 75 Resp: 4921

Ion	Ratio	Lower	Upper
75	100		
77	37.7	22.3	41.5



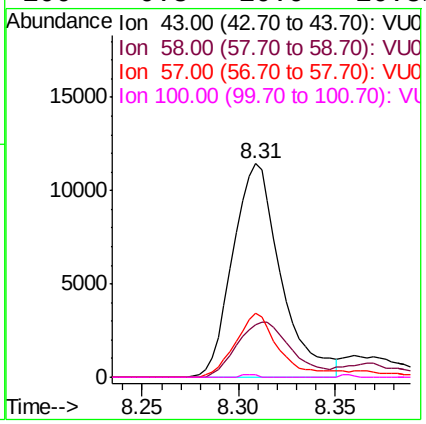


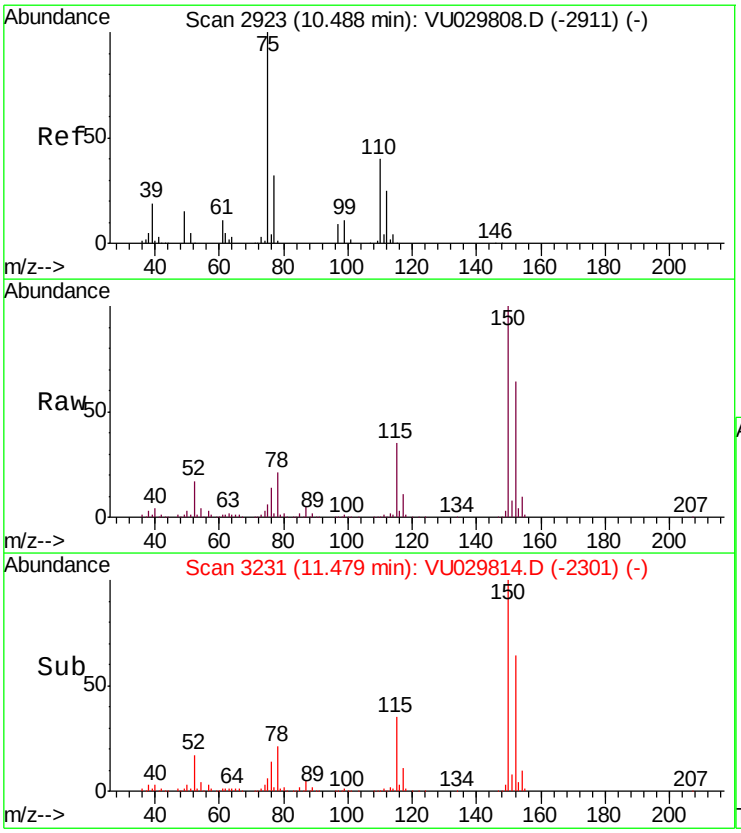
#48
2-Hexanone
Concen: 5.077 ug/L
RT: 8.31 min Scan# 2245
Delta R.T. -0.05 min
Lab File: VU029814.D
Acq: 05 Mar 2019 11:23

Instrument : MSVOA_U
ClientSampleId : VHBLK01

Tgt Ion: 43 Resp: 19803

Ion	Ratio	Lower	Upper
43	100		
58	29.1	46.4	69.6#
57	27.0	15.7	23.5#
100	0.3	10.9	16.3#





#59
1,2,3-Trichloropropane
Concen: 4.948 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU029814.D
Acq: 05 Mar 2019 11:23

Tgt Ion: 75 Resp: 22402

Ion	Ratio	Lower	Upper
75	100		
77	37.2	25.7	38.5