Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040119\

Quantitation Report (Not Reviewed)

Data File : VU030592.D
Acq On : 31 Mar 2019 16:02
Operator : JC/SP
Sample : K2166-22
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VHBLK02

Quant Time: Apr 01 02:10:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 01 02:05:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	436548	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	430594	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	169393	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	149887	42.66	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 85.32%			
7) Chloroethane-d5	1.85	69	196	0.07	ug/L	0.18
Spiked Amount 50.000	Range 70 - 130		Recovery = 0.14%#			
11) 1,1-Dichloroethene-d2	2.27	63	227669	34.16	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 68.32%			
21) 2-Butanone-d5	4.18	46	290359	87.92	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 87.92%			
24) Chloroform-d	4.65	84	271671	44.88	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.76%			
26) 1,2-Dichloroethane-d4	5.31	65	189401	47.82	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.64%			
32) Benzene-d6	5.34	84	556797	45.09	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.18%			
36) 1,2-Dichloropropane-d6	6.33	67	194482	46.03	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 92.06%			
41) Toluene-d8	7.56	98	484373	43.68	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 87.36%			
43) trans-1,3-Dichloropropene-	7.85	79	84410	42.49	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 84.98%			
47) 2-Hexanone-d5	8.31	63	168857	73.76	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 73.76%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	264734	43.79	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 87.58%			
64) 1,2-Dichlorobenzene-d4	11.86	152	164179	48.37	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.74%			
Target Compounds						Qvalue
25) Chloroform	4.67	83	6551	1.025	ug/L	78
39) cis-1,3-Dichloropropene	7.22	75	4741	0.793	ug/L #	36
44) trans-1,3-Dichloropropene	7.84	75	2944	0.560	ug/L	89
46) Tetrachloroethene	8.23	164	1218	0.484	ug/L	95
48) 2-Hexanone	8.36	43	13796	2.409	ug/L #	88
59) 1,2,3-Trichloropropane	11.48	75	22006	4.346	ug/L	89

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

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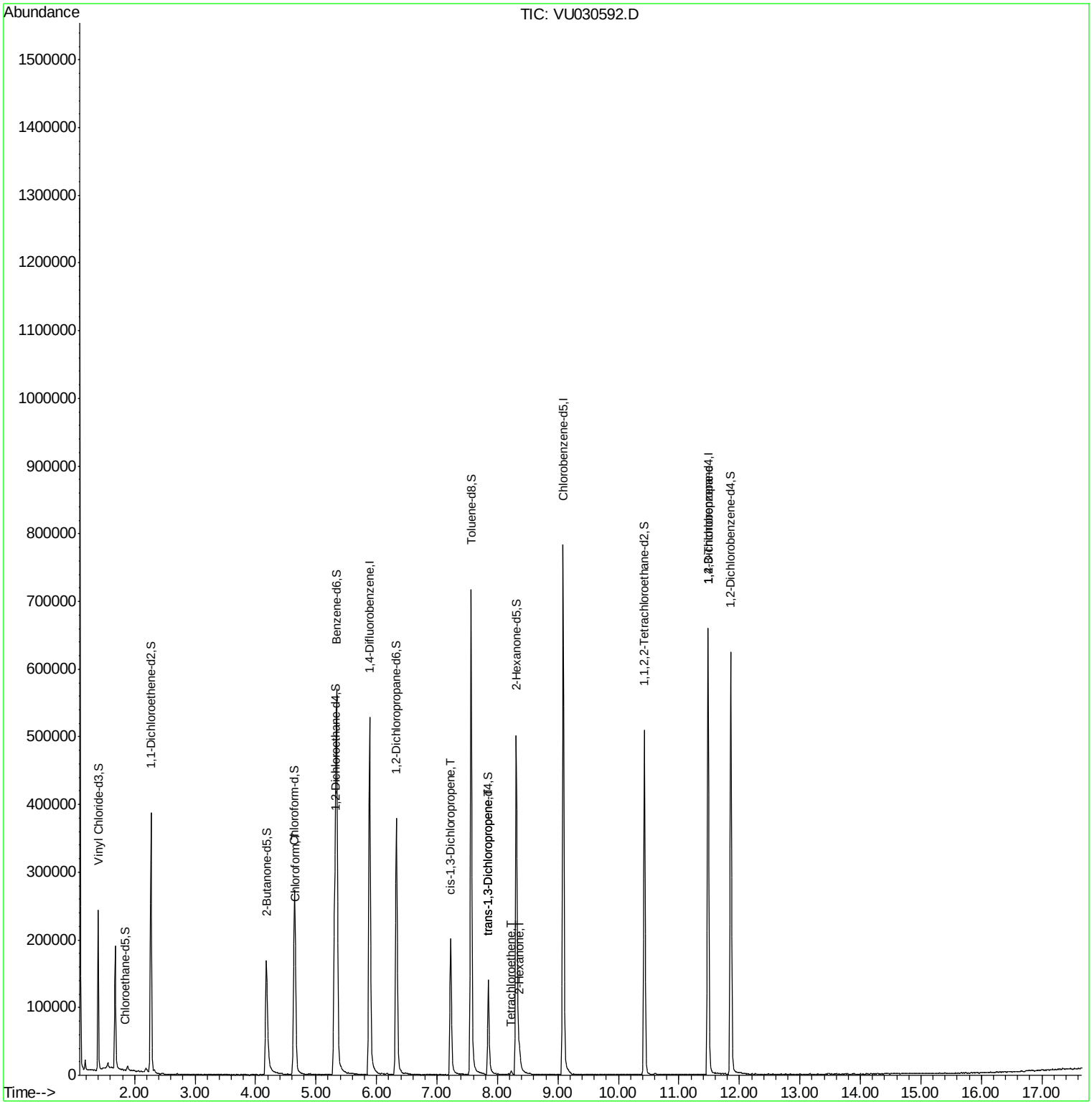
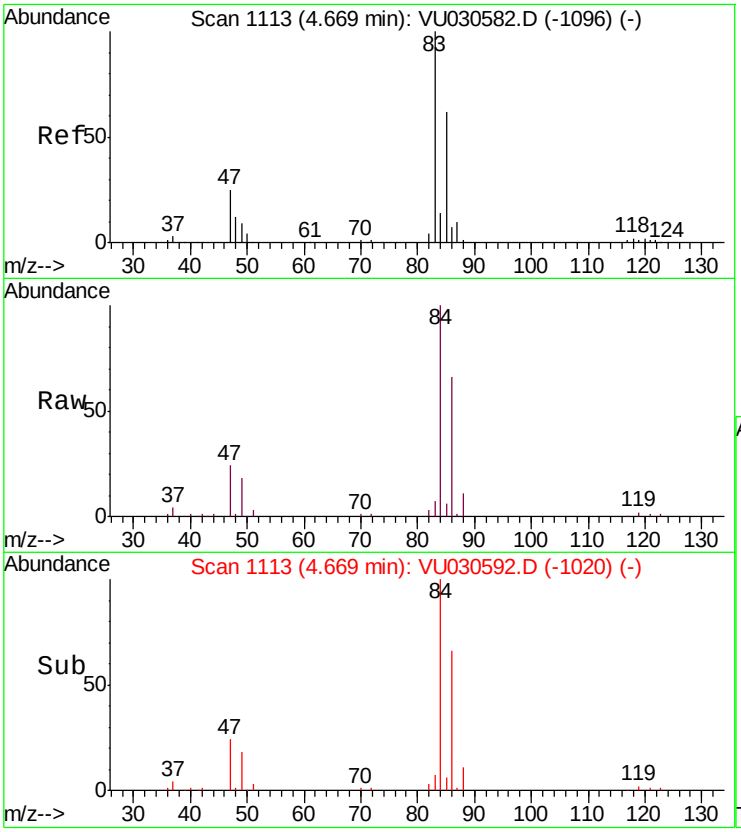


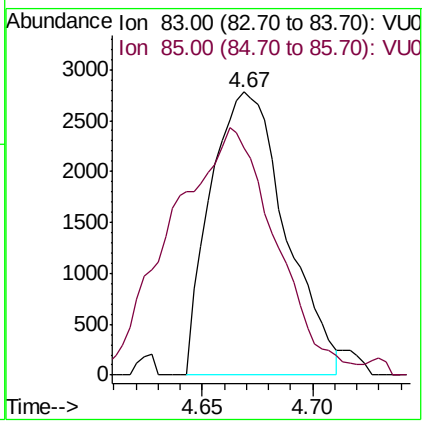


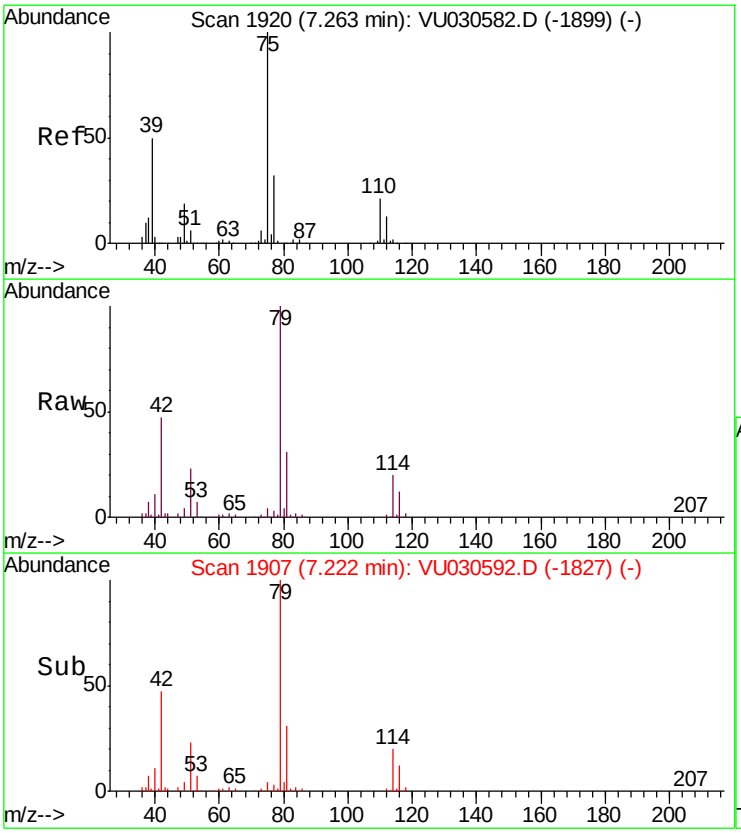
#25
Chloroform
Concen: 1.025 ug/L
RT: 4.67 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VU030592.D
Acq: 31 Mar 2019 16:02

Instrument :
MSVOA_U
ClientSampleId :
VHBLK02

Tgt Ion: 83 Resp: 6551

Ion	Ratio	Lower	Upper
83	100		
85	80.4	44.4	82.4

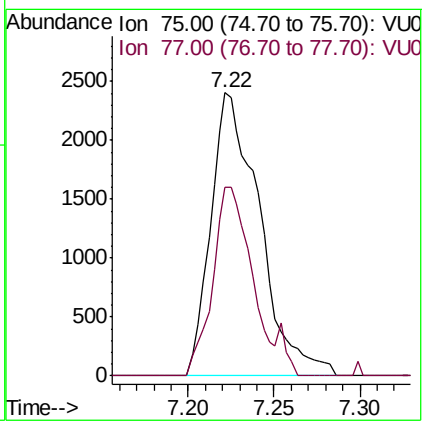


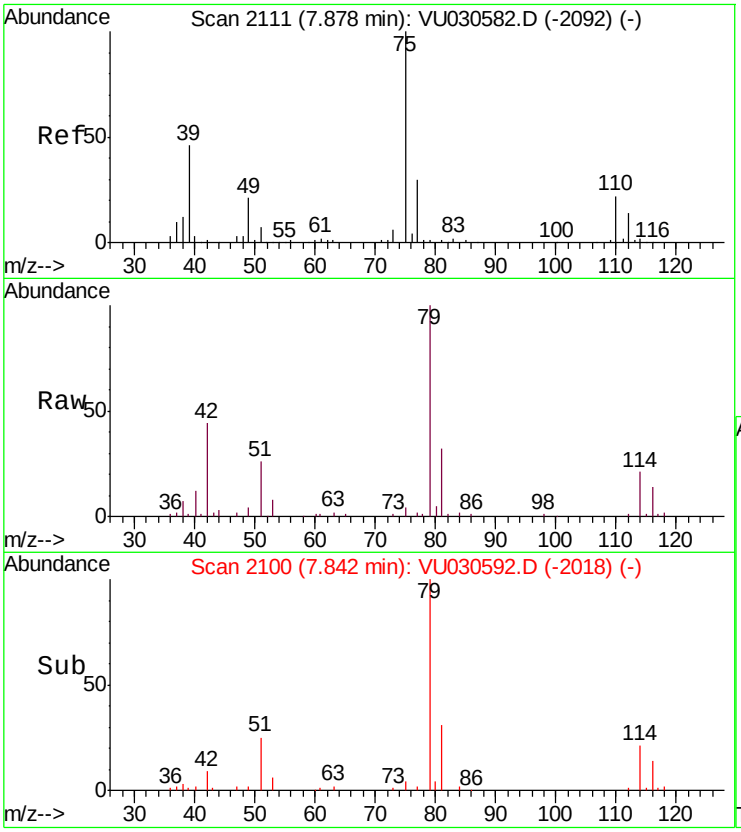


#39
cis-1,3-Dichloropropene
Concen: 0.793 ug/L
RT: 7.22 min Scan# 1907
Delta R.T. -0.04 min
Lab File: VU030592.D
Acq: 31 Mar 2019 16:02

Tgt Ion: 75 Resp: 4741

Ion	Ratio	Lower	Upper
75	100		
77	66.7	21.8	40.6#



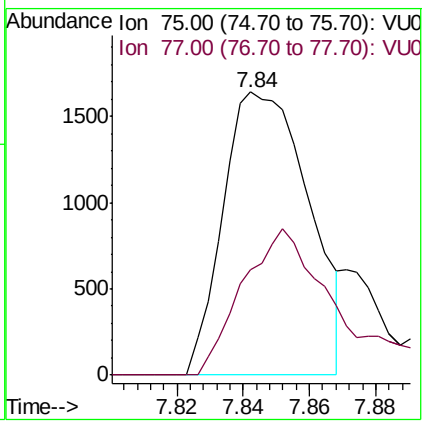


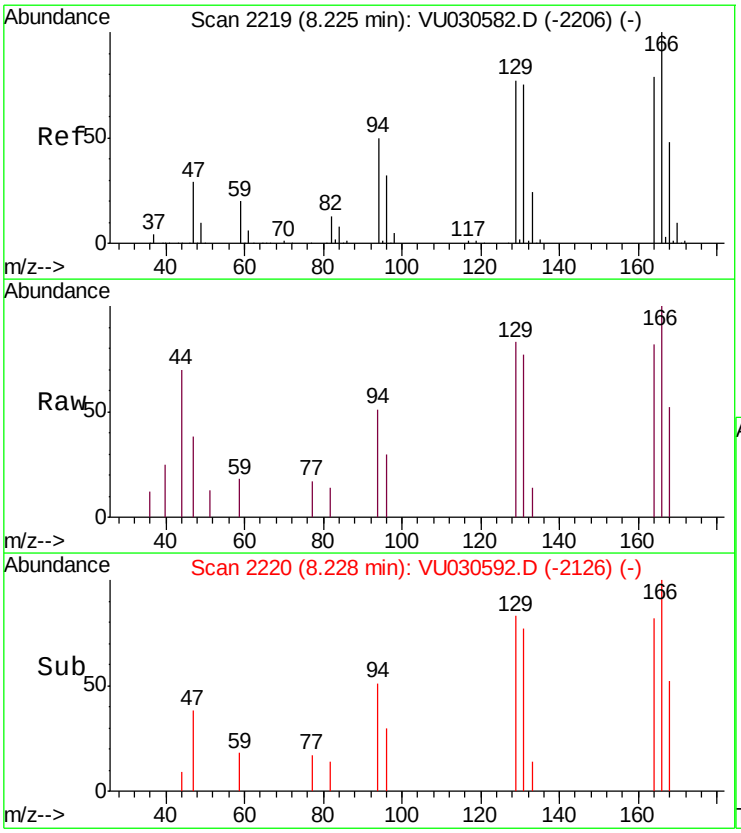
#44
trans-1,3-Dichloropropene
Concen: 0.560 ug/L
RT: 7.84 min Scan# 2100
Delta R.T. -0.04 min
Lab File: VU030592.D
Acq: 31 Mar 2019 16:02

Instrument :
MSVOA_U
ClientSampleId :
VHBLK02

Tgt Ion: 75 Resp: 2944

Ion	Ratio	Lower	Upper
75	100		
77	37.4	22.0	40.8

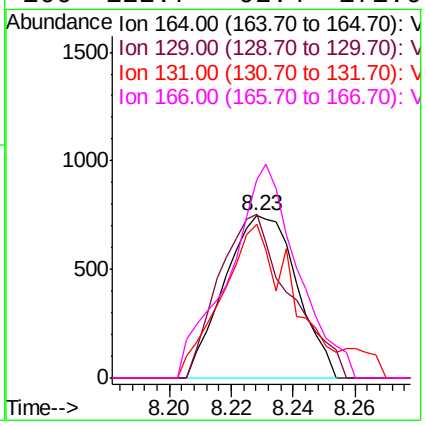


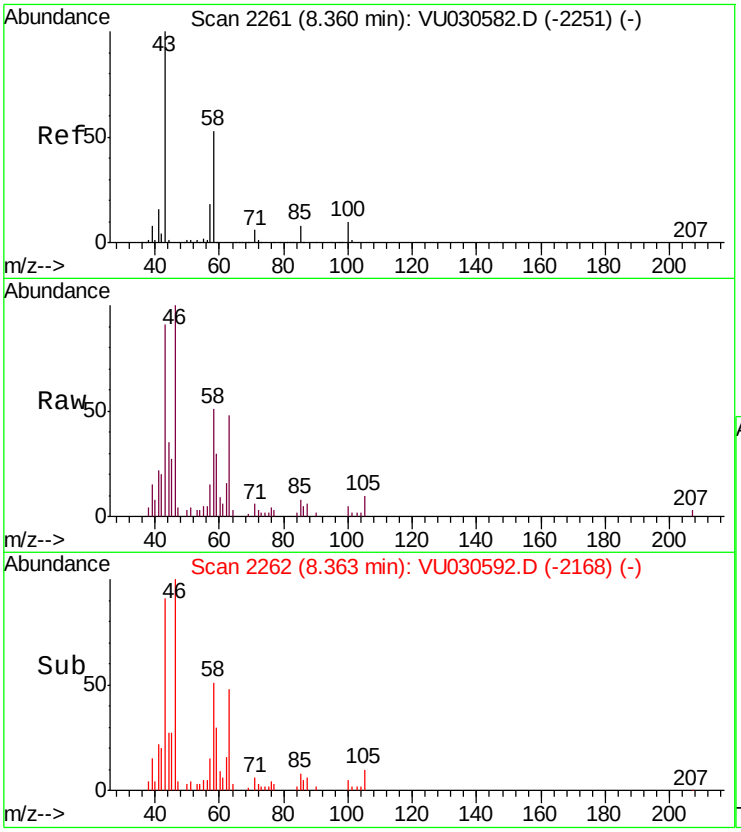


#46
Tetrachloroethene
Concen: 0.484 ug/L
RT: 8.23 min Scan# 2220
Delta R.T. 0.00 min
Lab File: VU030592.D
Acq: 31 Mar 2019 16:02

Tgt Ion:164 Resp: 1218

Ion	Ratio	Lower	Upper
164	100		
129	101.3	68.1	126.5
131	94.8	67.7	125.7
166	122.7	92.4	171.6



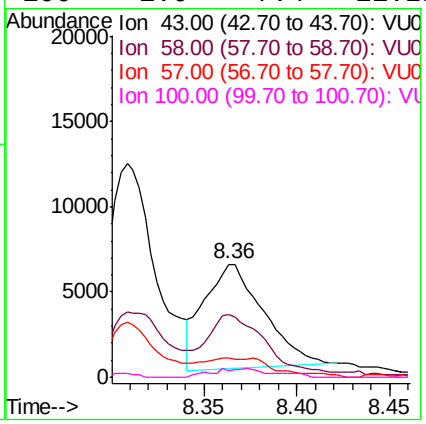


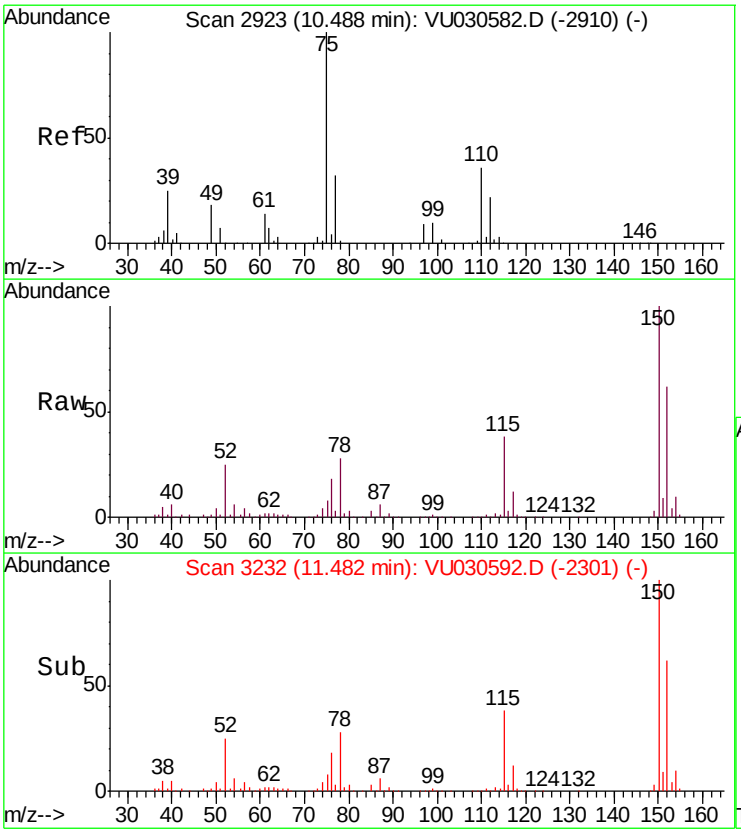
#48
2-Hexanone
Concen: 2.409 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VU030592.D
Acq: 31 Mar 2019 16:02

Instrument : MSVOA_U
ClientSampleId : VHBLK02

Tgt Ion: 43 Resp: 13796

Ion	Ratio	Lower	Upper
43	100		
58	52.4	42.5	63.7
57	1.3	15.0	22.6#
100	1.0	7.4	11.2#





#59
1,2,3-Trichloropropane
Concen: 4.346 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU030592.D
Acq: 31 Mar 2019 16:02

Tgt Ion: 75 Resp: 22006

Ion	Ratio	Lower	Upper
75	100		
77	38.2	25.4	38.2