Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040619\

Quantitation Report (Not Reviewed)

Data File : VU030773.D
Acq On : 06 Apr 2019 04:06
Operator : JC/SP
Sample : VU0406WBL02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VBLK46

Quant Time: Apr 06 05:28:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 06 05:25:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	457578	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	449235	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	186333	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	188558	46.16	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 92.32%			
7) Chloroethane-d5	1.68	69	152495	49.19	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 98.38%			
11) 1,1-Dichloroethene-d2	2.27	63	270748	36.65	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 73.30%			
21) 2-Butanone-d5	4.17	46	350051	108.13	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 108.13%			
24) Chloroform-d	4.64	84	292763	46.92	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.84%			
26) 1,2-Dichloroethane-d4	5.30	65	219594	51.58	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.16%			
32) Benzene-d6	5.34	84	641625	48.93	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.86%			
36) 1,2-Dichloropropane-d6	6.32	67	228221	50.78	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 101.56%			
41) Toluene-d8	7.56	98	552379	47.52	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.04%			
43) trans-1,3-Dichloropropene-	7.85	79	96463	47.07	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 94.14%			
47) 2-Hexanone-d5	8.31	63	208428	101.47	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 101.47%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	304210	50.18	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 100.36%			
64) 1,2-Dichlorobenzene-d4	11.86	152	194248	53.01	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 106.02%			

Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2309	0.705	ug/L #	23
12) 1,1-Dichloroethene	2.27	96	2544	0.804	ug/L #	1
25) Chloroform	4.67	83	31257	4.487	ug/L	93
34) Trichloroethene	6.19	95	2324	0.645	ug/L	93
44) trans-1,3-Dichloropropene	7.85	75	4117	0.788	ug/L	85
48) 2-Hexanone	8.37	43	7441	1.425	ug/L #	93
59) 1,2,3-Trichloropropane	11.48	75	24189	4.852	ug/L	95

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

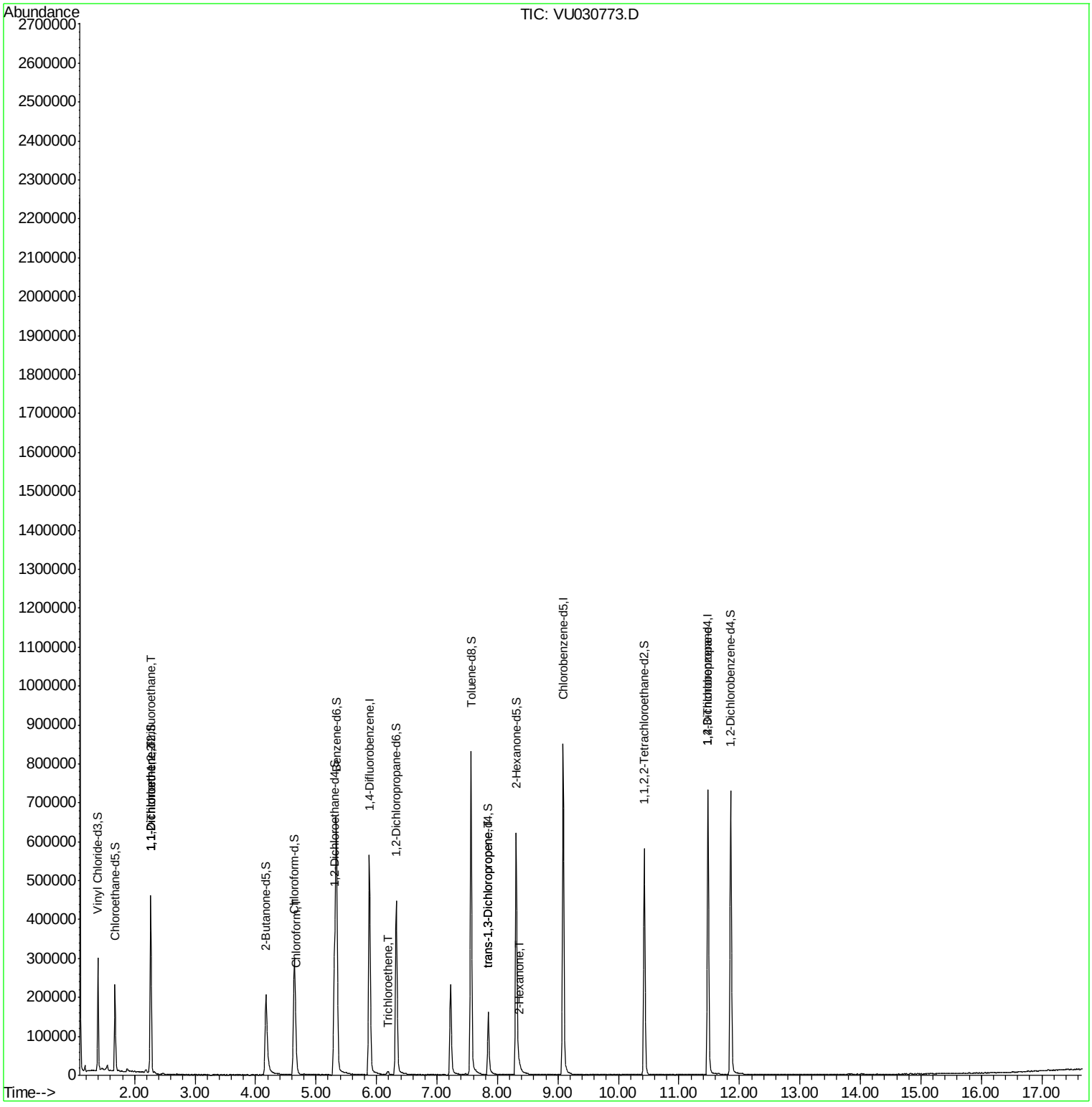
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040619\

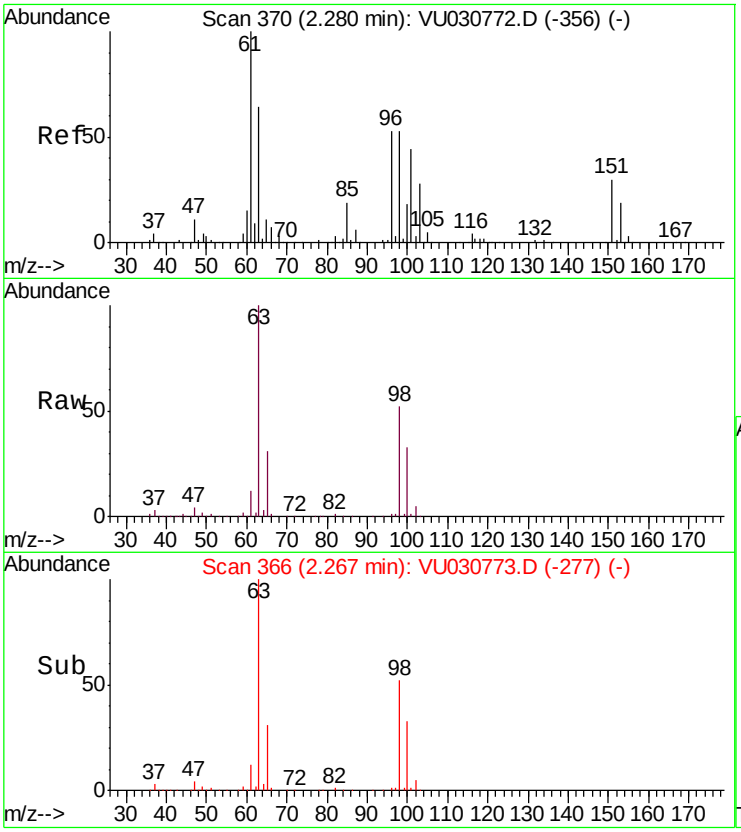
Quantitation Report (Not Reviewed)

Data File : VU030773.D
Acq On : 06 Apr 2019 04:06
Operator : JC/SP
Sample : VU0406WBL02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VBLK46

Quant Time: Apr 06 05:28:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 06 05:25:32 2019
Response via : Initial Calibration



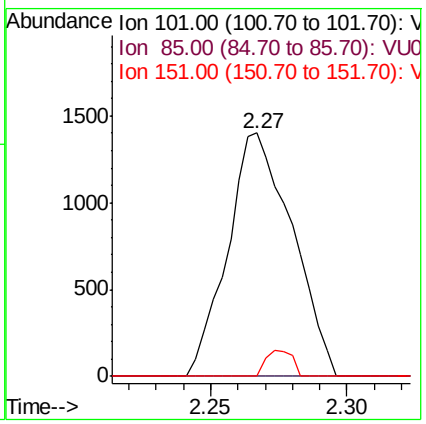


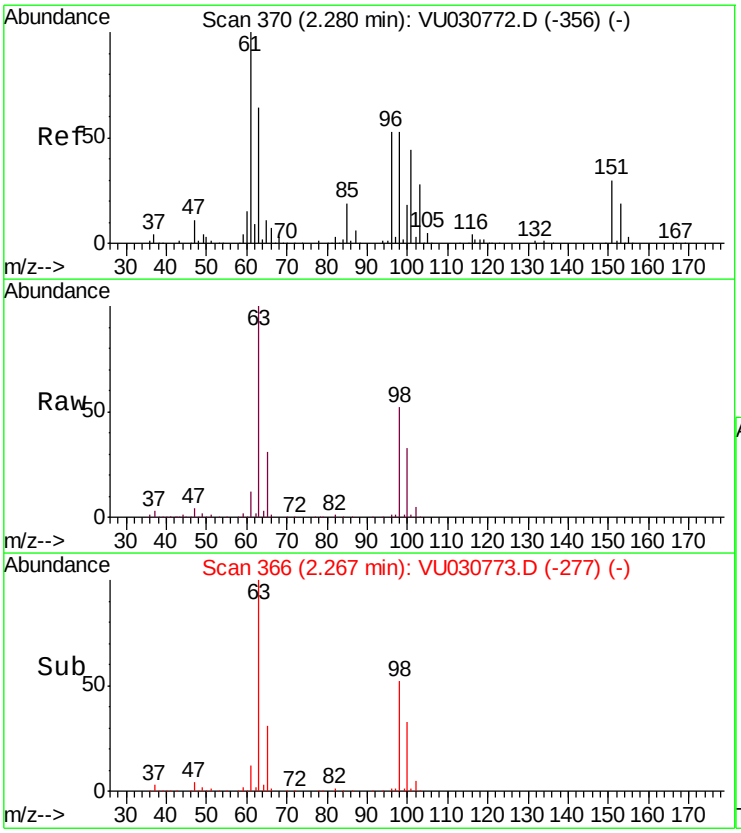
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.705 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.01 min
Lab File: VU030773.D
Acq: 06 Apr 2019 04:06

Instrument :
MSVOA_U
ClientSampleId :
VBLK46

Tgt Ion:101 Resp: 2309

Ion	Ratio	Lower	Upper
101	100		
85	0.0	36.8	55.2#
151	4.2	57.4	86.0#

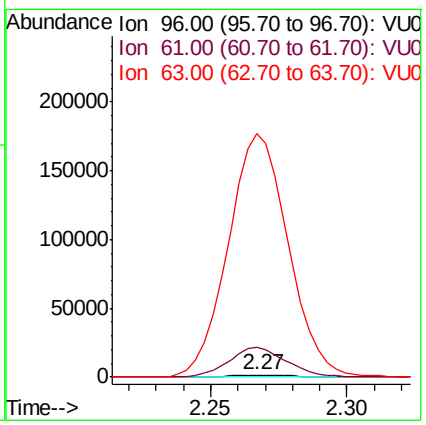


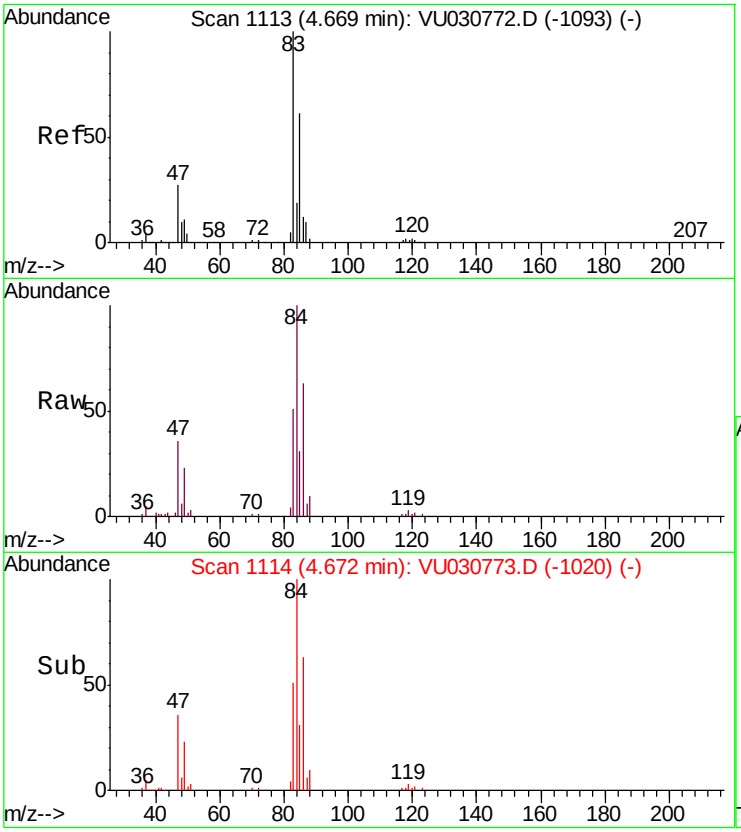


#12
1,1-Dichloroethene
Concen: 0.804 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.01 min
Lab File: VU030773.D
Acq: 06 Apr 2019 04:06

Tgt Ion: 96 Resp: 2544

Ion	Ratio	Lower	Upper
96	100		
61	1274.7	132.0	245.2#
63	10427.8	90.9	168.9#



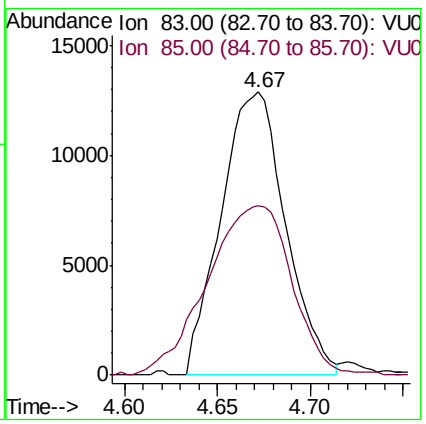


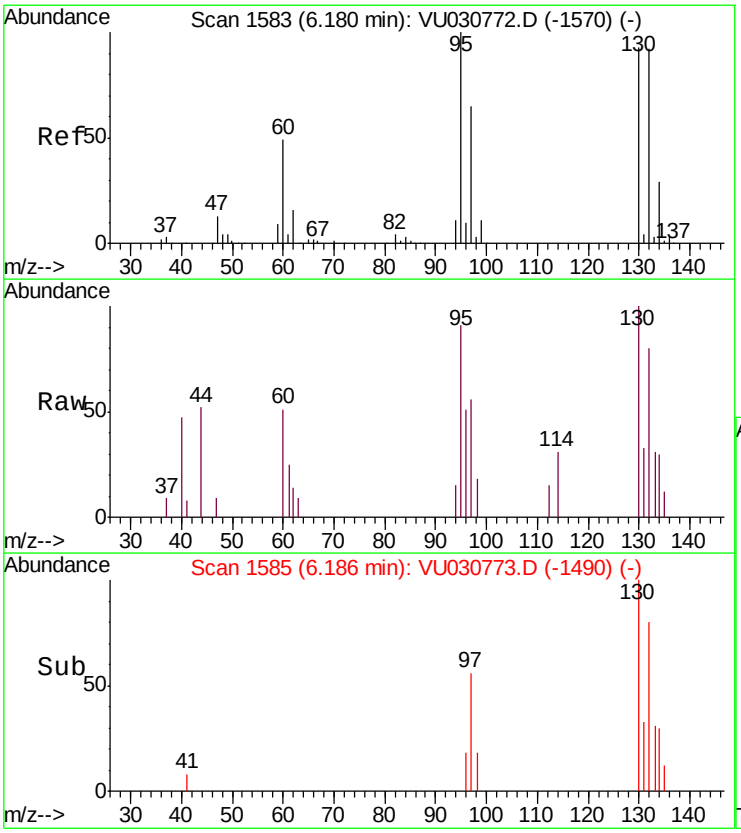
#25
Chloroform
Concen: 4.487 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VU030773.D
Acq: 06 Apr 2019 04:06

Instrument : MSVOA_U
ClientSampleId : VBLK46

Tgt Ion: 83 Resp: 31257

Ion	Ratio	Lower	Upper
83	100		
85	59.8	45.8	85.0

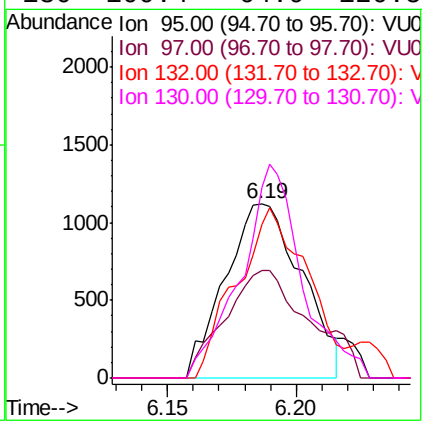


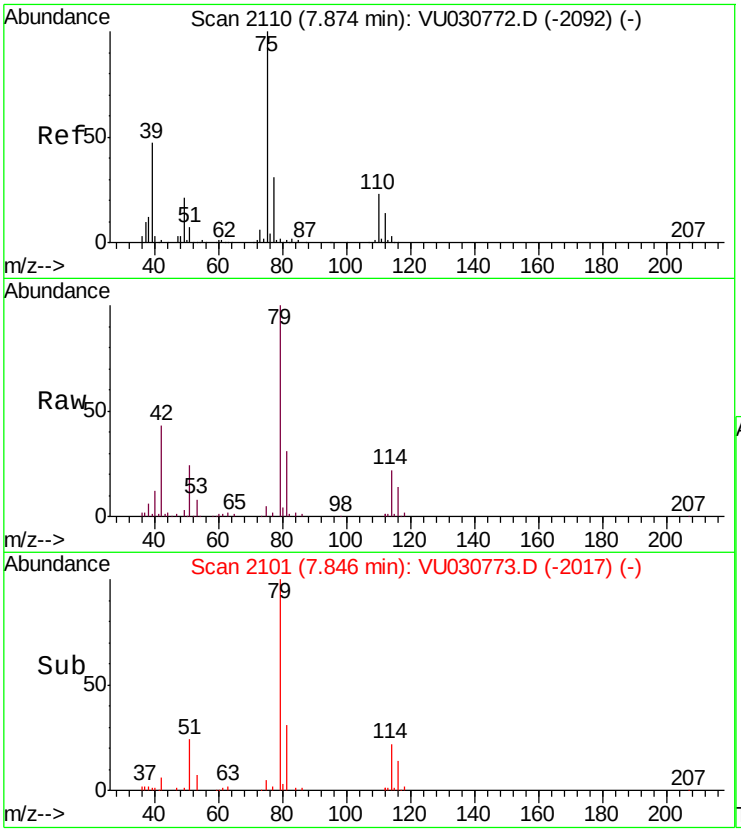


#34
Trichloroethene
Concen: 0.645 ug/L
RT: 6.19 min Scan# 1585
Delta R.T. 0.01 min
Lab File: VU030773.D
Acq: 06 Apr 2019 04:06

Tgt Ion: 95 Resp: 2324

Ion	Ratio	Lower	Upper
95	100		
97	61.7	44.5	82.7
132	88.0	61.5	114.1
130	109.4	64.9	120.5



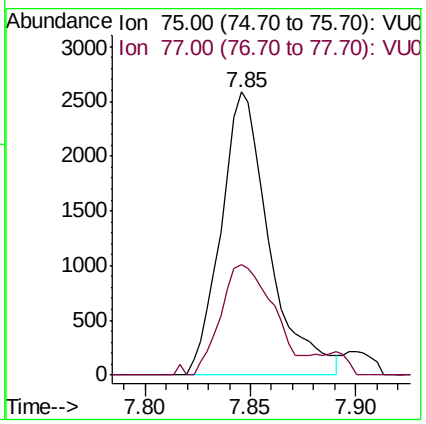


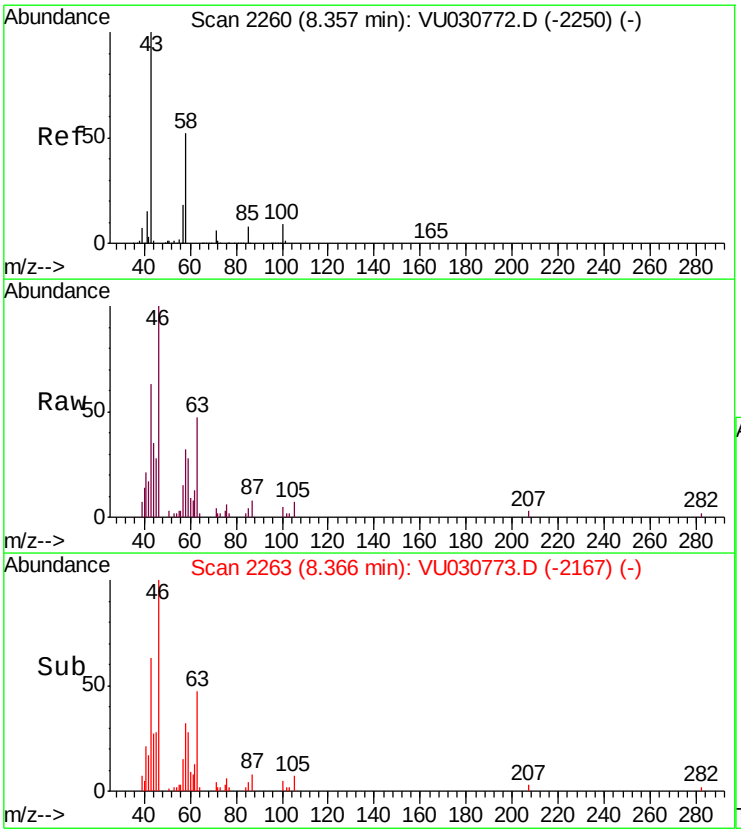
#44
trans-1,3-Dichloropropene
Concen: 0.788 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU030773.D
Acq: 06 Apr 2019 04:06

Instrument :
MSVOA_U
ClientSampleId :
VBLK46

Tgt Ion: 75 Resp: 4117

Ion	Ratio	Lower	Upper
75	100		
77	39.0	21.6	40.0

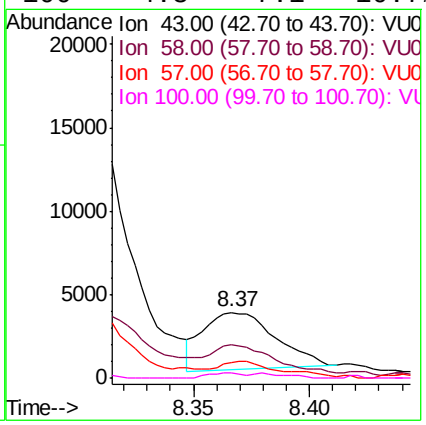


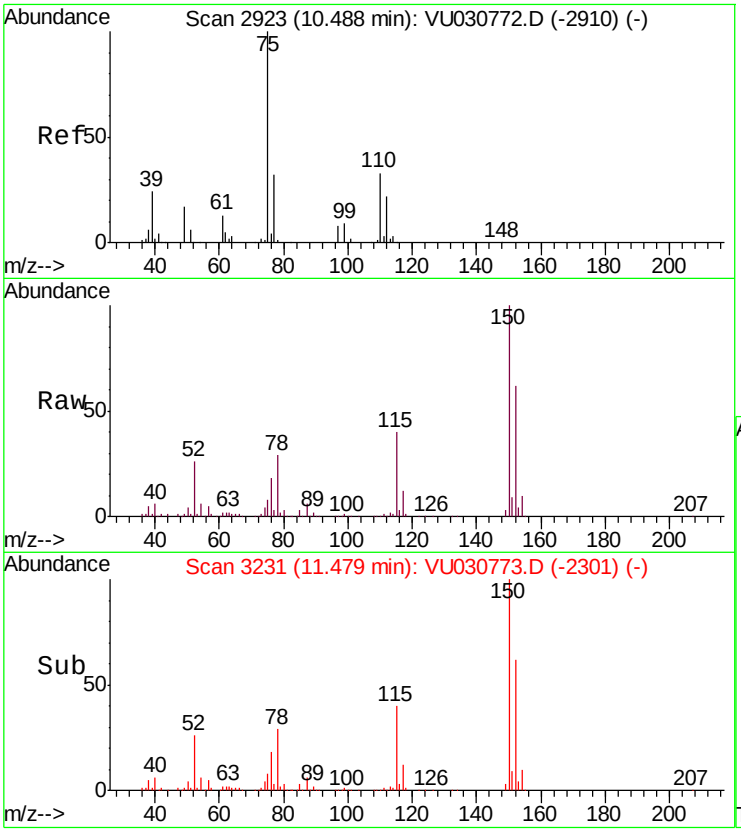


#48
2-Hexanone
Concen: 1.425 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.01 min
Lab File: VU030773.D
Acq: 06 Apr 2019 04:06

Tgt Ion: 43 Resp: 7441

Ion	Ratio	Lower	Upper
43	100		
58	54.3	41.9	62.9
57	10.9	14.3	21.5#
100	4.3	7.1	10.7#





#59
1,2,3-Trichloropropane
Concen: 4.852 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU030773.D
Acq: 06 Apr 2019 04:06

Instrument :
MSVOA_U
ClientSampleId :
VBLK46

Tgt Ion: 75 Resp: 24189

Ion	Ratio	Lower	Upper
75	100		
77	35.2	26.1	39.1