Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032119\

Quantitation Report (Not Reviewed)

Data File : VU030261.D
Acq On : 21 Mar 2019 13:29
Operator : JC/SP
Sample : K2017-03 5X
Misc : 6.66g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF0D6

Quant Time: Mar 22 04:07:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 22 04:03:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	543350	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	554211	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	275466	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	135148	36.78	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 73.56%			
7) Chloroethane-d5	1.65	69	116832	39.77	ug/L	-0.03
Spiked Amount 50.000	Range 70 - 130		Recovery = 79.54%			
11) 1,1-Dichloroethene-d2	2.26	63	192733	28.75	ug/L	-0.01
Spiked Amount 50.000	Range 60 - 125		Recovery = 57.50%#			
21) 2-Butanone-d5	4.18	46	263207	96.57	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 96.57%			
24) Chloroform-d	4.64	84	283240	42.01	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 84.02%			
26) 1,2-Dichloroethane-d4	5.31	65	172271	44.79	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.58%			
32) Benzene-d6	5.33	84	603937	41.35	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 82.70%			
36) 1,2-Dichloropropane-d6	6.32	67	199477	44.14	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 88.28%			
41) Toluene-d8	7.56	98	546934	39.83	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 79.66%#			
43) trans-1,3-Dichloropropene-	7.85	79	88623	40.28	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 80.56%			
47) 2-Hexanone-d5	8.31	63	226866	96.81	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 96.81%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	332394	47.95	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 95.90%			
64) 1,2-Dichlorobenzene-d4	11.86	152	247598	44.77	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 89.54%			
Target Compounds						Qvalue
8) Chloroethane	1.66	64	1461	0.523	ug/L #	56
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	2141	0.587	ug/L #	18
34) Trichloroethene	6.18	95	247463	58.718	ug/L	99
44) trans-1,3-Dichloropropene	7.85	75	3299	0.580	ug/L	85
46) Tetrachloroethene	8.22	164	6466	1.816	ug/L	94
48) 2-Hexanone	8.37	43	5662	1.212	ug/L #	96
49) Dibromochloromethane	8.22	129	6429	1.364	ug/L #	11
59) 1,2,3-Trichloropropane	11.48	75	30206	5.458	ug/L	100

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

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Quantitation Report (Not Reviewed)

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Acq On : 21 Mar 2019 13:29
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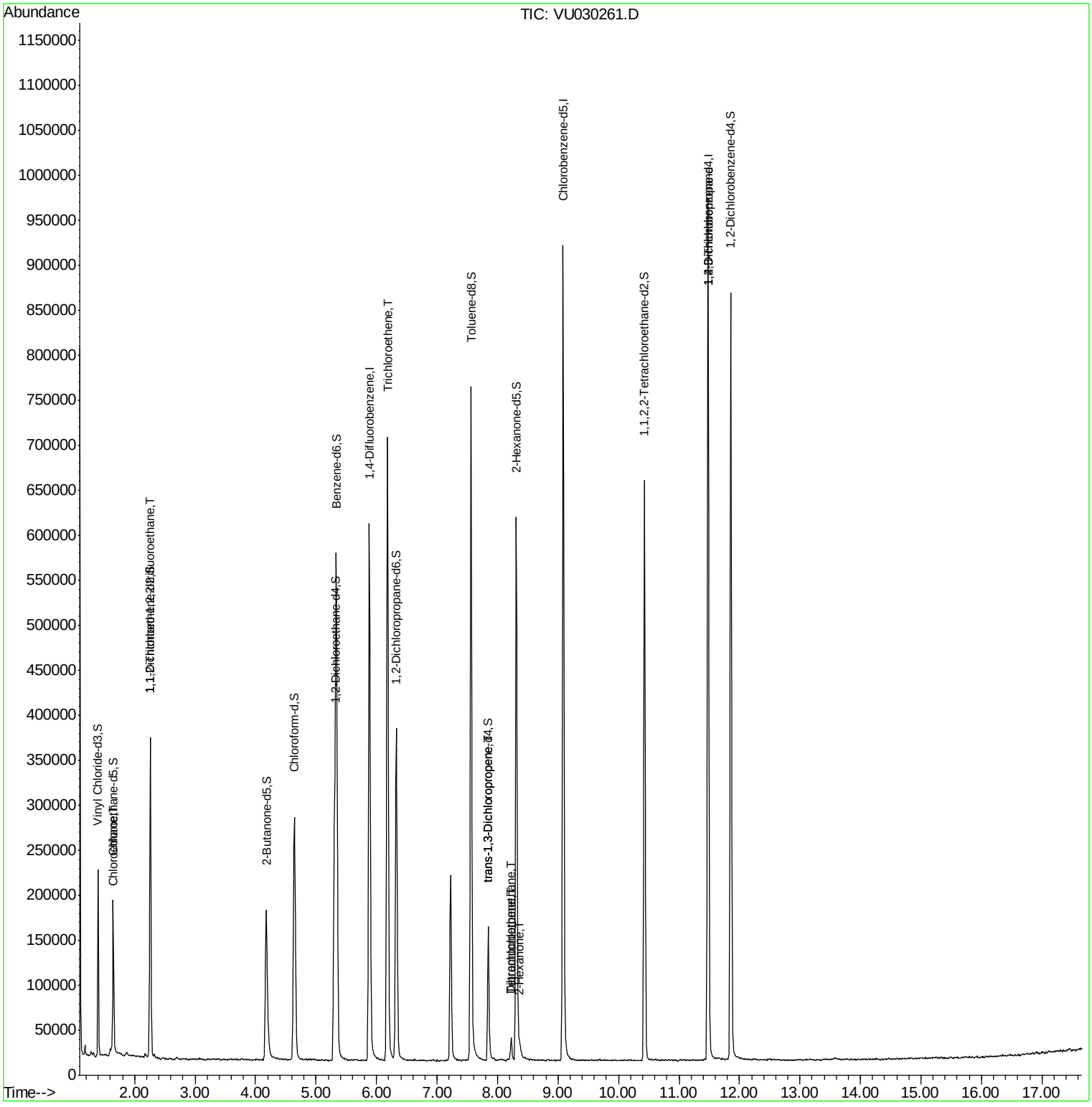
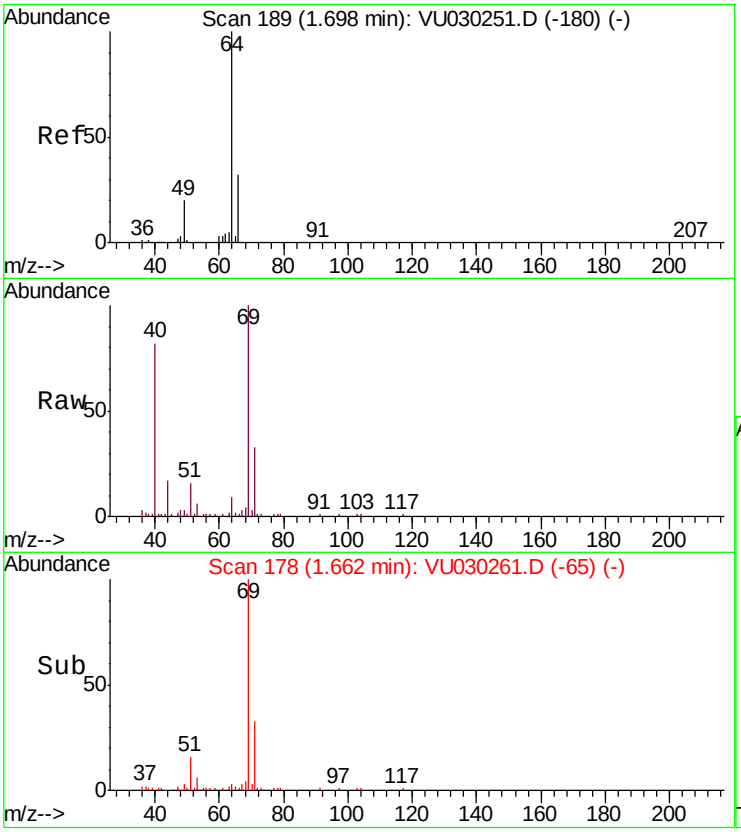
Sample : K2017-03 5X
Misc : 6.66g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF0D6

Quant Time: Mar 22 04:07:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 22 04:03:23 2019
Response via : Initial Calibration



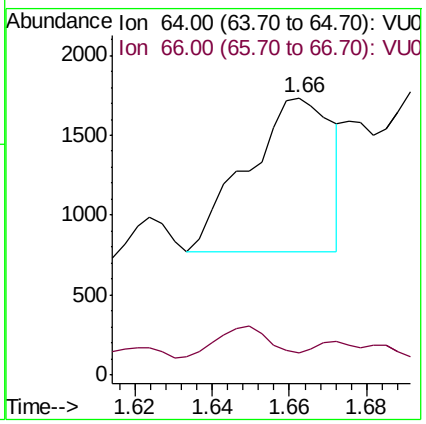


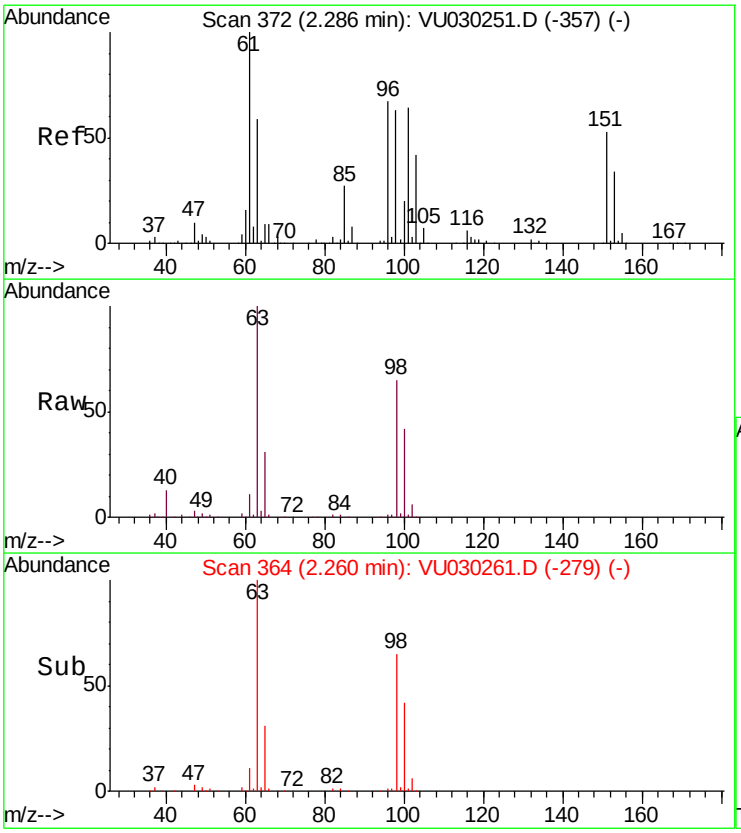
#8
Chloroethane
Concen: 0.523 ug/L
RT: 1.66 min Scan# 178
Delta R.T. -0.04 min
Lab File: VU030261.D
Acq: 21 Mar 2019 13:29

Instrument :
MSVOA_U
ClientSampleId :
BF0D6

Tgt Ion: 64 Resp: 1461

Ion	Ratio	Lower	Upper
64	100		
66	8.2	23.2	43.0#

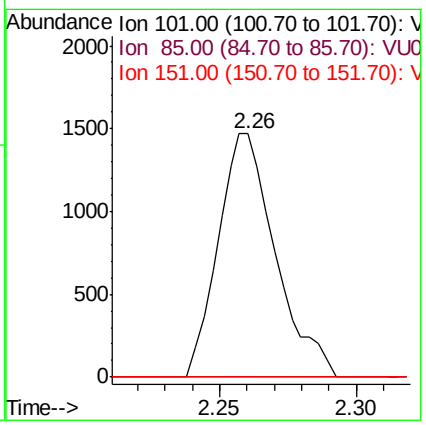


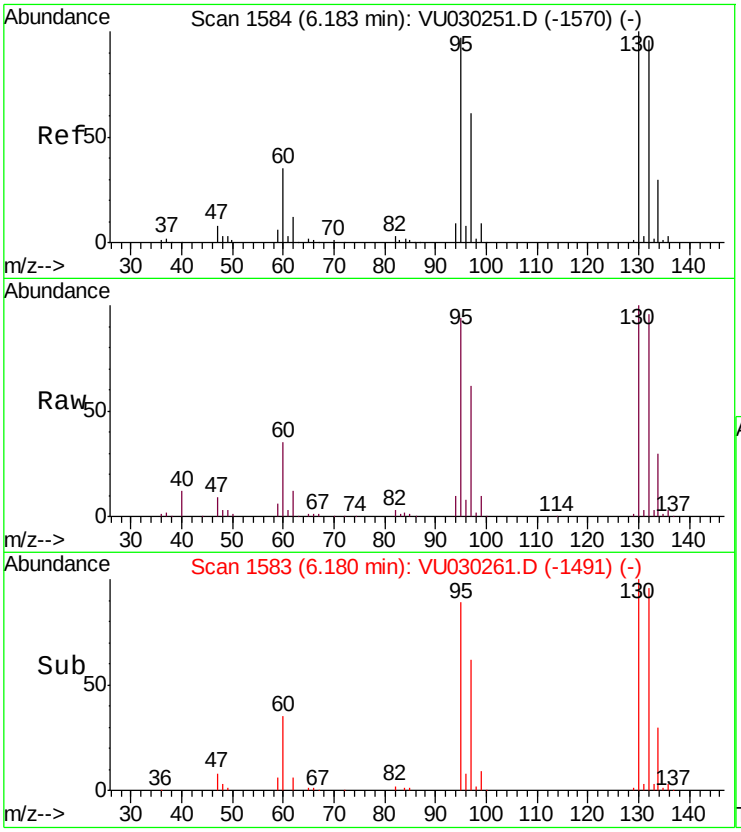


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.587 ug/L
RT: 2.26 min Scan# 364
Delta R.T. -0.03 min
Lab File: VU030261.D
Acq: 21 Mar 2019 13:29

Tgt Ion:101 Resp: 2141

Ion	Ratio	Lower	Upper
101	100		
85	0.0	32.5	48.7#
151	0.0	64.7	97.1#



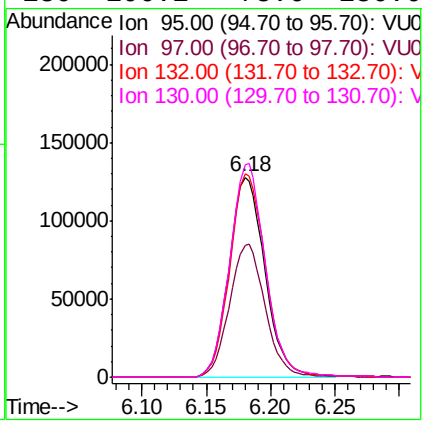


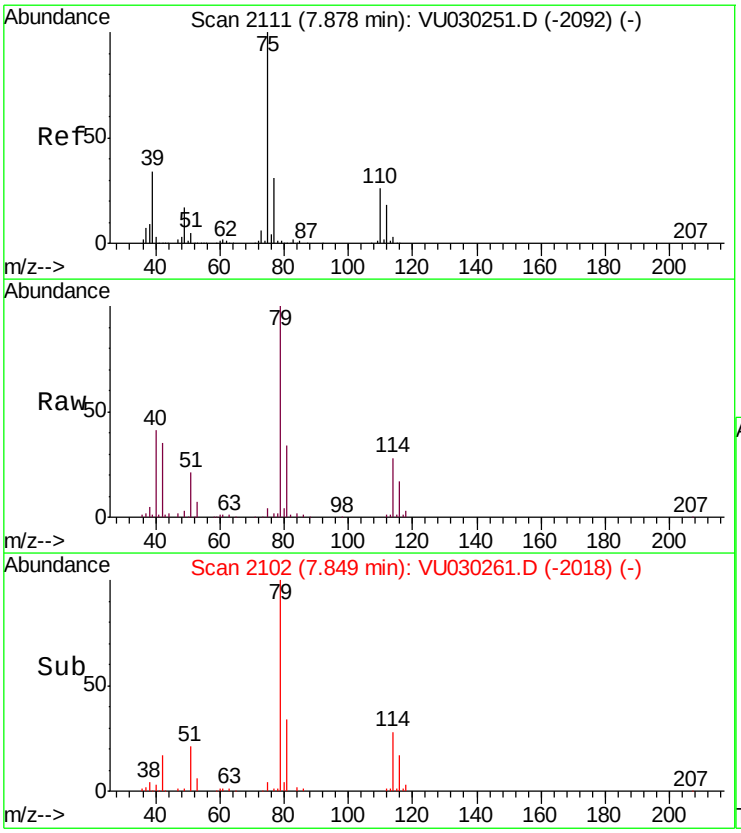
#34
Trichloroethene
Concen: 58.718 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. -0.00 min
Lab File: VU030261.D
Acq: 21 Mar 2019 13:29

Instrument :
MSVOA_U
ClientSampleId :
BF0D6

Tgt Ion: 95 Resp: 247463

Ion	Ratio	Lower	Upper
95	100		
97	65.9	46.2	85.8
132	101.9	69.3	128.7
130	106.1	73.6	136.6

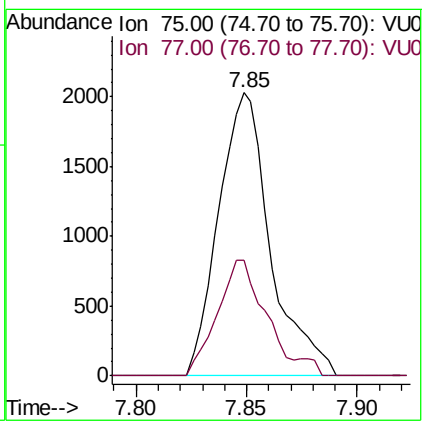


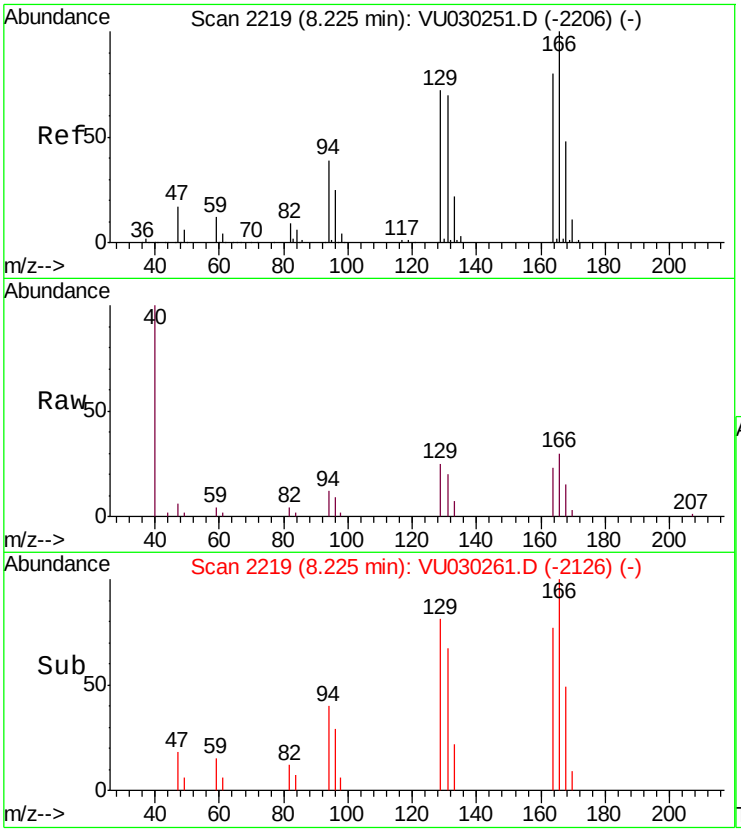


#44
trans-1,3-Dichloropropene
Concen: 0.580 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU030261.D
Acq: 21 Mar 2019 13:29

Tgt Ion: 75 Resp: 3299

Ion	Ratio	Lower	Upper
75	100		
77	41.0	22.7	42.1



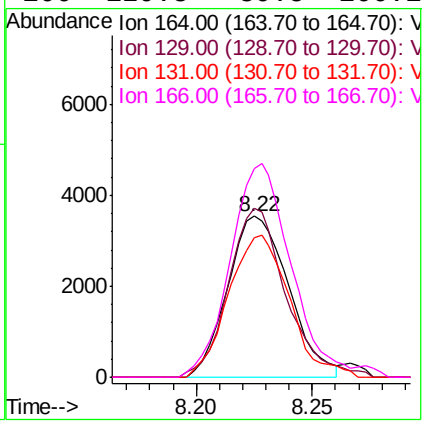


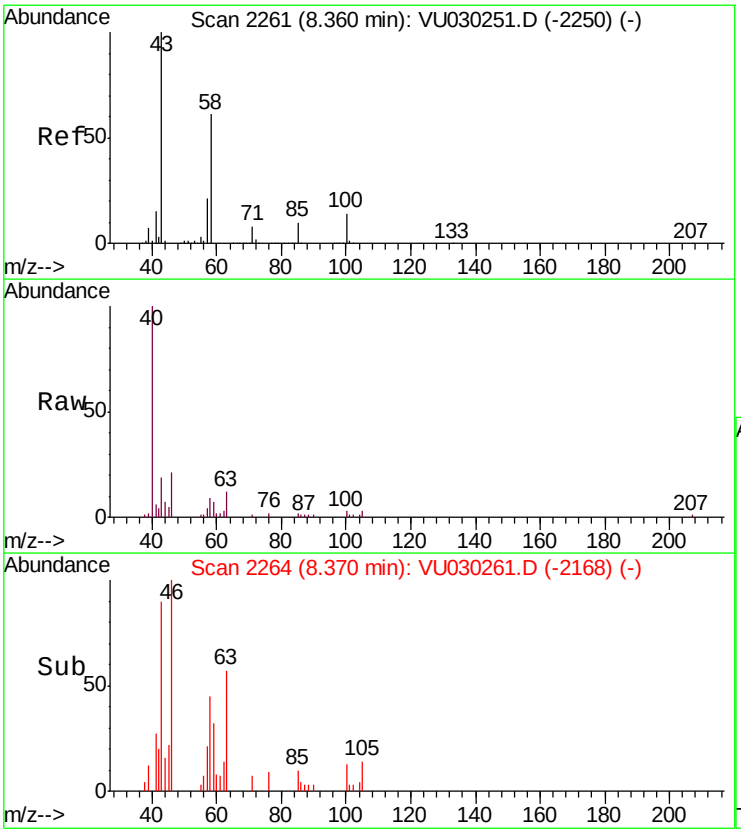
#46
Tetrachloroethene
Concen: 1.816 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU030261.D
Acq: 21 Mar 2019 13:29

Instrument : MSVOA_U
ClientSampleId : BF0D6

Tgt Ion:164 Resp: 6466

Ion	Ratio	Lower	Upper
164	100		
129	104.9	64.4	119.6
131	86.5	63.2	117.4
166	129.8	89.5	166.1

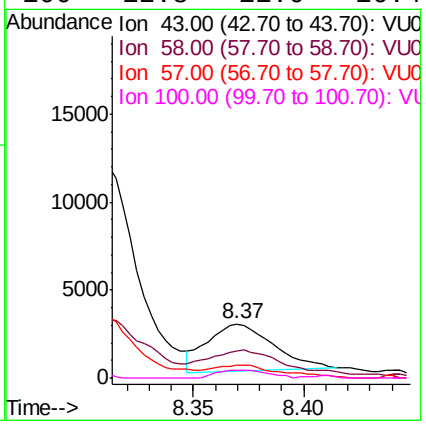


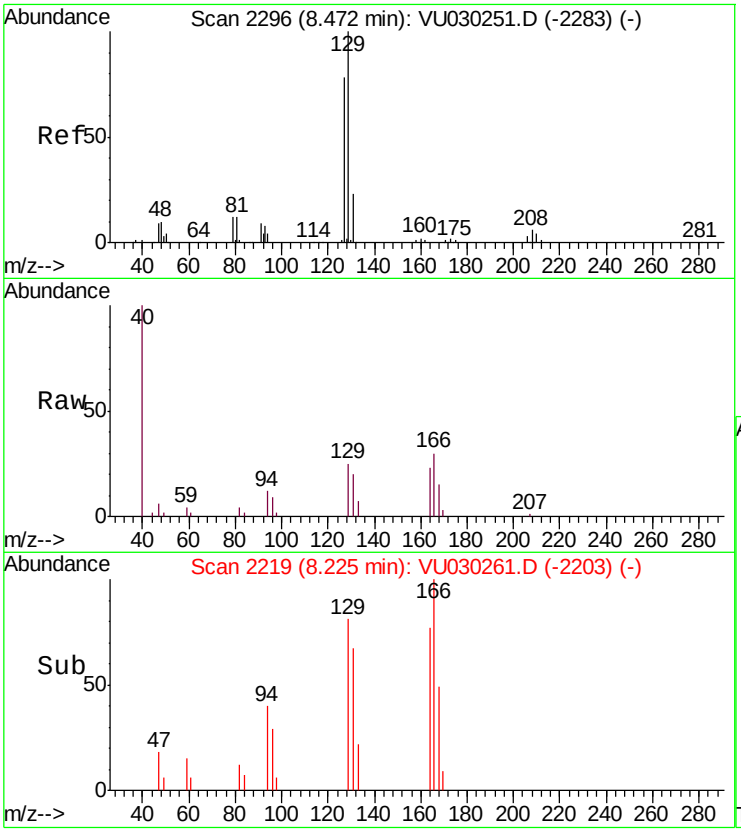


#48
2-Hexanone
Concen: 1.212 ug/L
RT: 8.37 min Scan# 2264
Delta R.T. 0.01 min
Lab File: VU030261.D
Acq: 21 Mar 2019 13:29

Tgt Ion: 43 Resp: 5662

Ion	Ratio	Lower	Upper
43	100		
58	61.6	49.3	73.9
57	29.3	17.0	25.4#
100	12.8	11.0	16.4



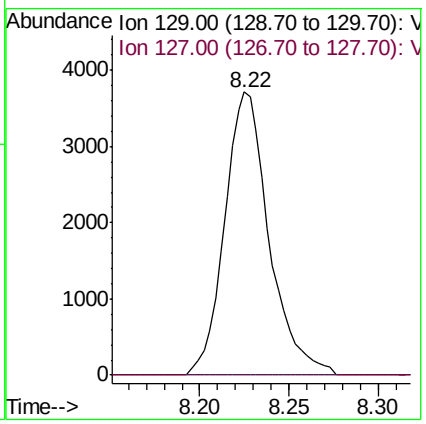


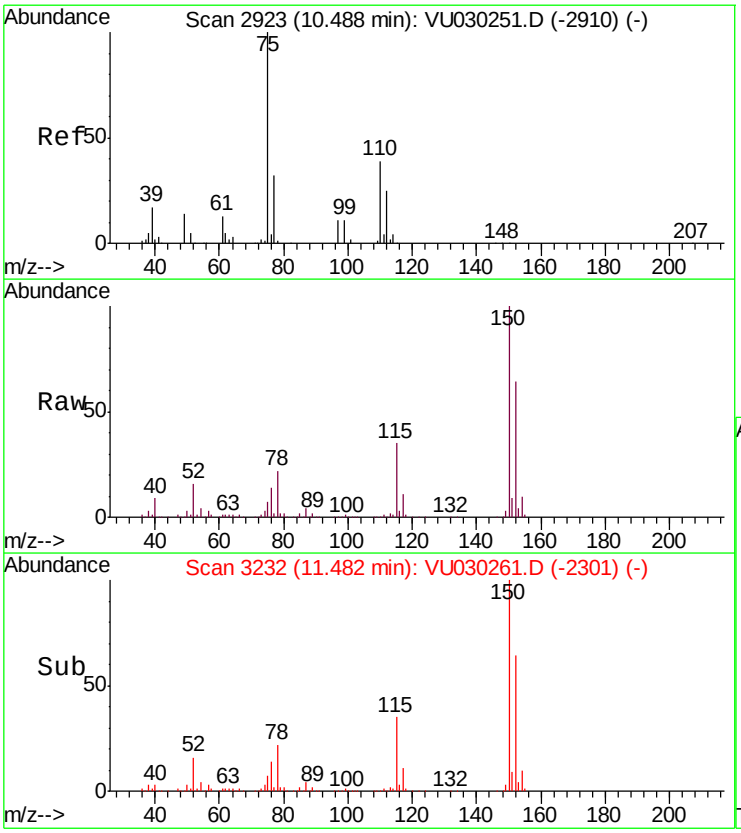
#49
Dibromochloromethane
Concen: 1.364 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. -0.25 min
Lab File: VU030261.D
Acq: 21 Mar 2019 13:29

Instrument : MSVOA_U
ClientSampleId : BF0D6

Tgt Ion:129 Resp: 6429

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.4	99.2#





#59
1,2,3-Trichloropropane
Concen: 5.458 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU030261.D
Acq: 21 Mar 2019 13:29

Tgt Ion: 75 Resp: 30206

Ion	Ratio	Lower	Upper
75	100		
77	32.4	25.8	38.8