Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU022519\

Quantitation Report (Not Reviewed)

Data File : VU029666.D
Acq On : 25 Feb 2019 18:23
Operator : JC/SP
Sample : K1600-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF7Y9

Quant Time: Feb 26 00:17:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Feb 26 00:12:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	474572	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	450357	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	230229	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	135995	39.11	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 78.22%			
7) Chloroethane-d5	1.68	69	122365	39.58	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 79.16%			
11) 1,1-Dichloroethene-d2	2.27	63	195058	28.70	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 57.40%#			
21) 2-Butanone-d5	4.17	46	197521	93.34	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 93.34%			
24) Chloroform-d	4.65	84	252736	44.81	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.62%			
26) 1,2-Dichloroethane-d4	5.31	65	162594	45.53	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.06%			
32) Benzene-d6	5.34	84	546258	48.20	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.40%			
36) 1,2-Dichloropropane-d6	6.33	67	166552	48.85	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 97.70%			
41) Toluene-d8	7.56	98	515724	44.59	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 89.18%			
43) trans-1,3-Dichloropropene-	7.85	79	75963	42.00	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 84.00%			
47) 2-Hexanone-d5	8.31	63	156332	82.34	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 82.34%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	253918	44.08	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 88.16%			
64) 1,2-Dichlorobenzene-d4	11.86	152	215762	43.49	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 86.98%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1972	0.597	ug/L #	19
13) Acetone	2.32	43	3132	1.385	ug/L	99
25) Chloroform	4.67	83	5474	0.978	ug/L	84
39) cis-1,3-Dichloropropene	7.23	75	4729	0.967	ug/L	89
44) trans-1,3-Dichloropropene	7.85	75	2964	0.643	ug/L	96
46) Tetrachloroethene	8.22	164	9047	2.972	ug/L	96
48) 2-Hexanone	8.31	43	16799	4.512	ug/L #	67
59) 1,2,3-Trichloropropane	11.48	75	21956	5.080	ug/L #	88

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

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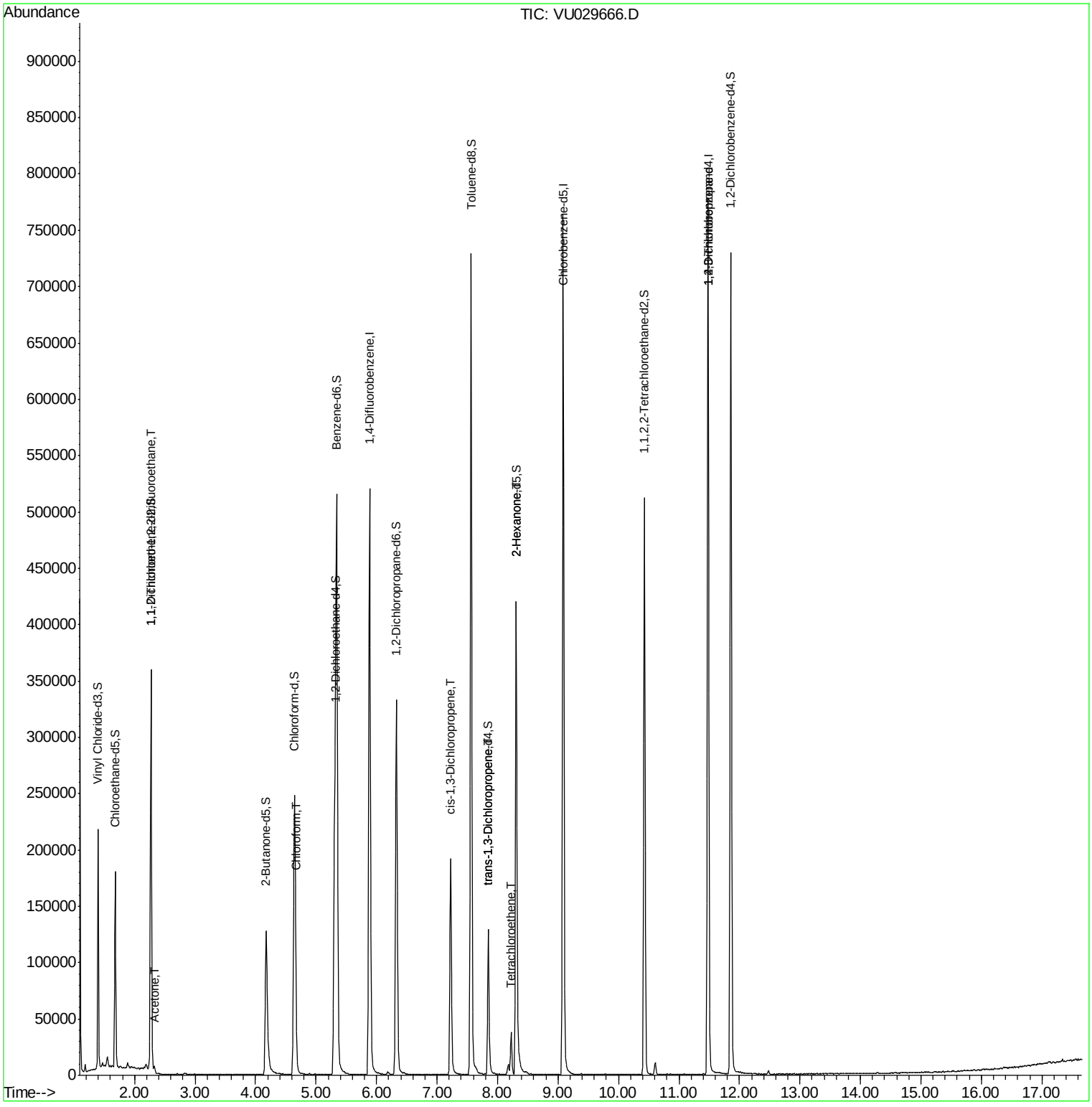
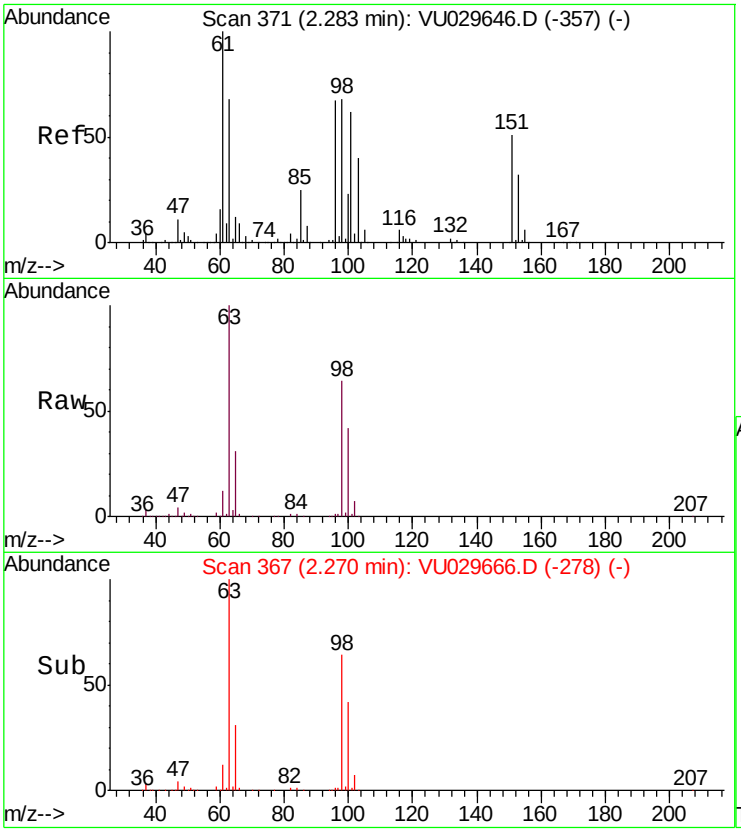
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF7Y9

Quant Time: Feb 26 00:17:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Feb 26 00:12:24 2019
Response via : Initial Calibration



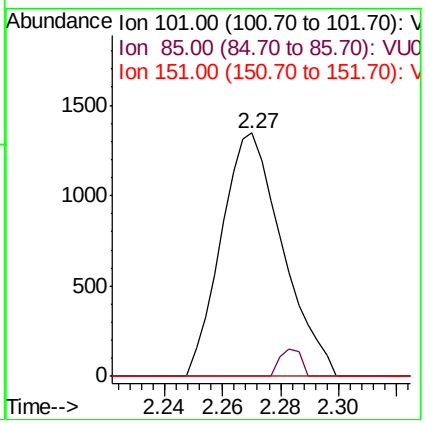


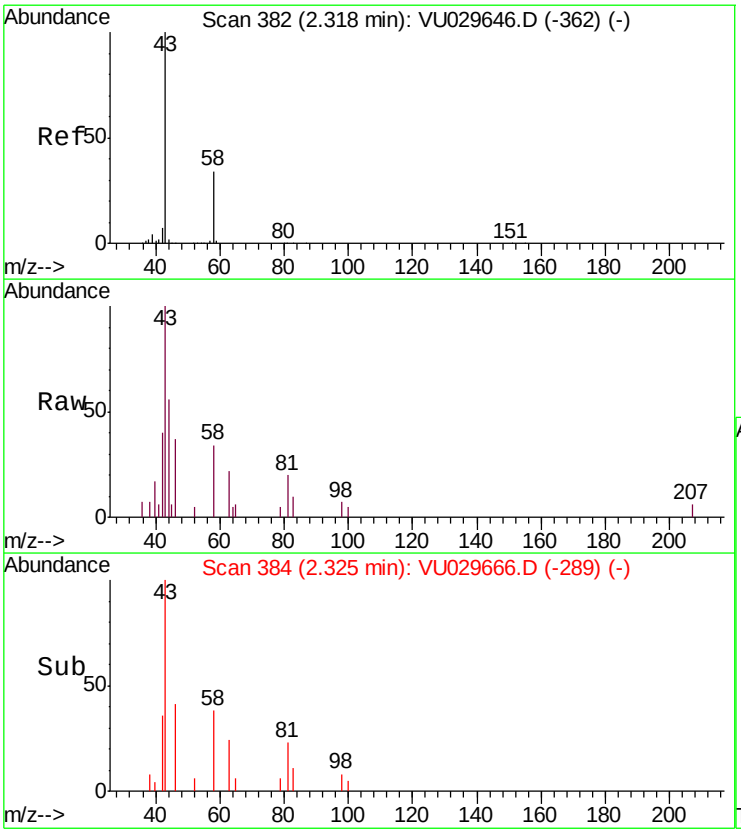
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.597 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.01 min
Lab File: VU029666.D
Acq: 25 Feb 2019 18:23

Instrument : MSVOA_U
ClientSampleId : BF7Y9

Tgt Ion:101 Resp: 1972

Ion	Ratio	Lower	Upper
101	100		
85	3.9	33.0	49.6#
151	0.0	65.7	98.5#

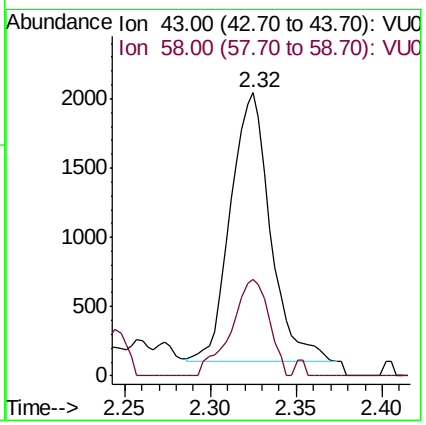


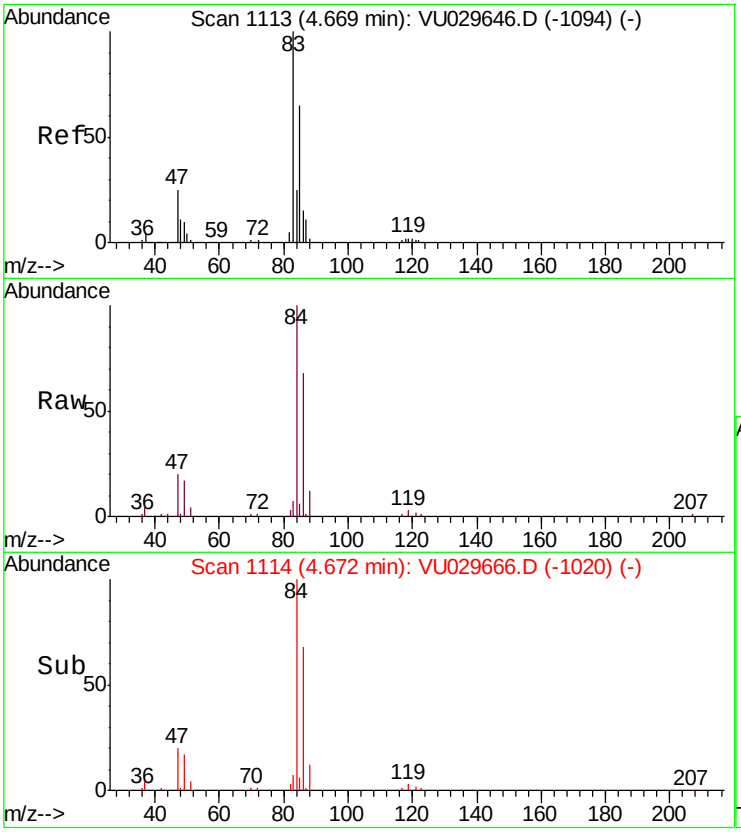


#13
Acetone
Concen: 1.385 ug/L
RT: 2.32 min Scan# 384
Delta R.T. 0.01 min
Lab File: VU029666.D
Acq: 25 Feb 2019 18:23

Tgt Ion: 43 Resp: 3132

Ion	Ratio	Lower	Upper
43	100		
58	34.1	0.0	66.8



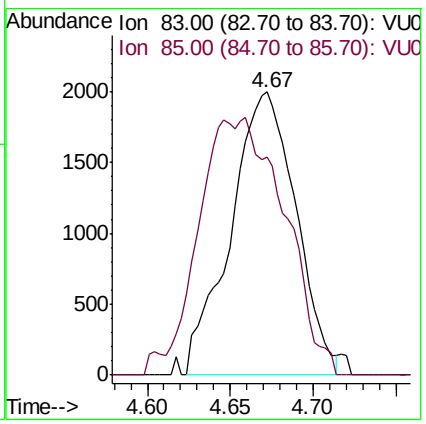


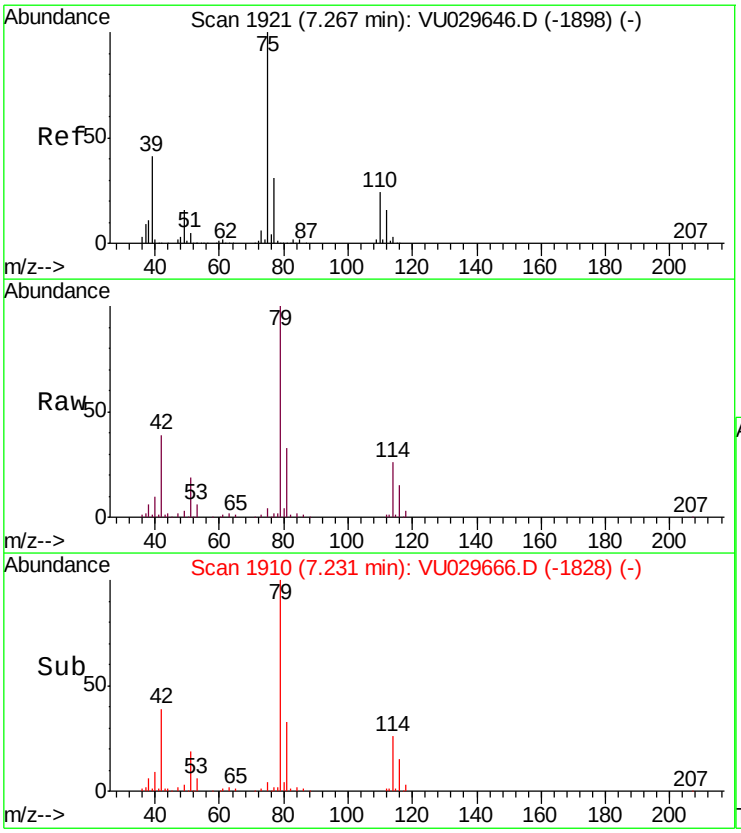
#25
Chloroform
Concen: 0.978 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VU029666.D
Acq: 25 Feb 2019 18:23

Instrument : MSVOA_U
ClientSampleId : BF7Y9

Tgt Ion: 83 Resp: 5474

Ion	Ratio	Lower	Upper
83	100		
85	77.1	45.4	84.2

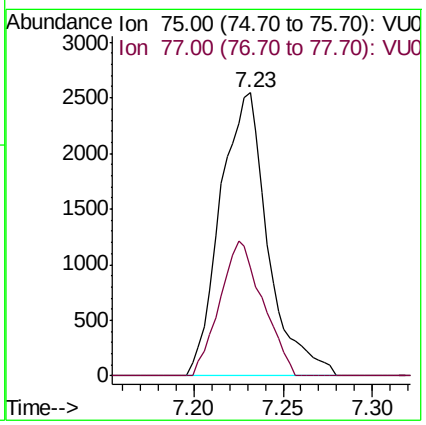


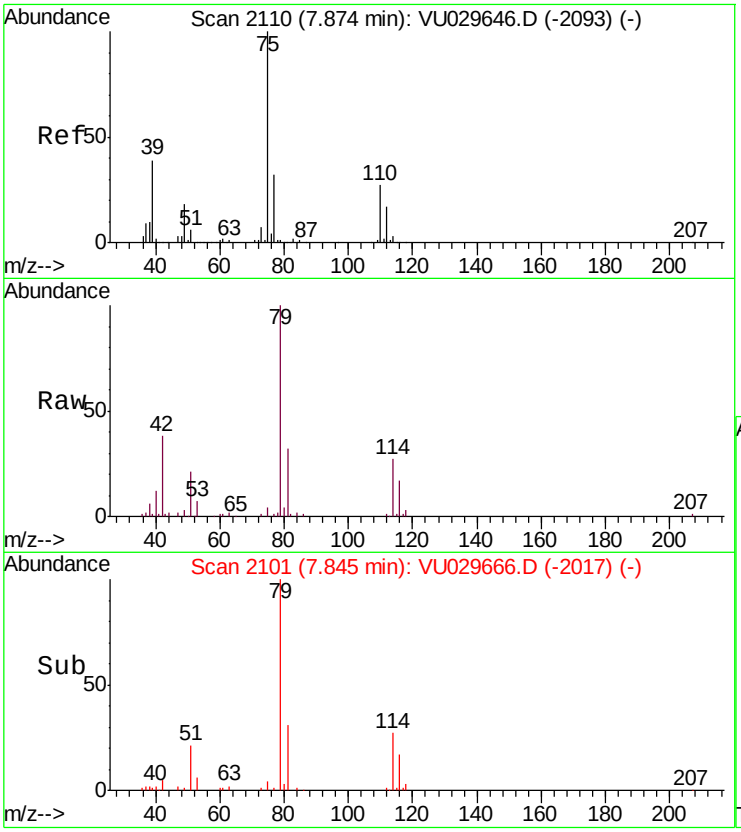


#39
cis-1,3-Dichloropropene
Concen: 0.967 ug/L
RT: 7.23 min Scan# 1910
Delta R.T. -0.04 min
Lab File: VU029666.D
Acq: 25 Feb 2019 18:23

Tgt Ion: 75 Resp: 4729

Ion	Ratio	Lower	Upper
75	100		
77	38.1	22.3	41.5



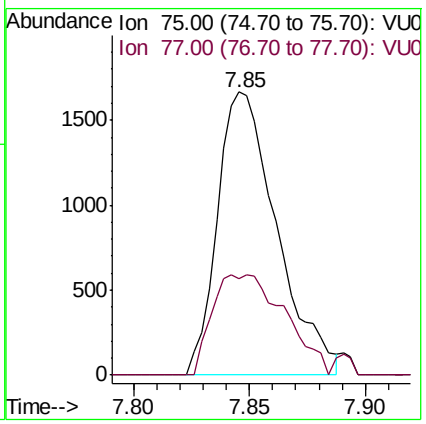


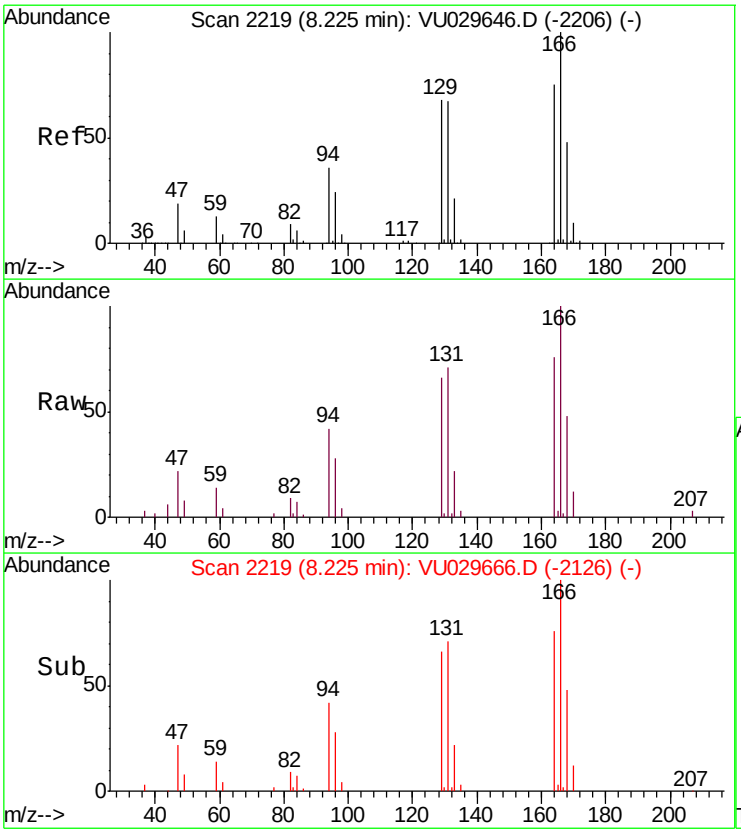
#44
trans-1,3-Dichloropropene
Concen: 0.643 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU029666.D
Acq: 25 Feb 2019 18:23

Instrument : MSVOA_U
ClientSampleId : BF7Y9

Tgt Ion: 75 Resp: 2964

Ion	Ratio	Lower	Upper
75	100		
77	34.0	22.1	41.1

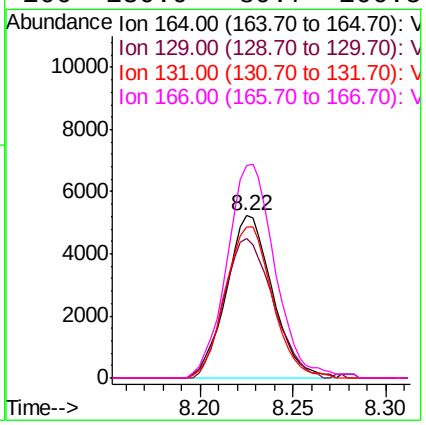


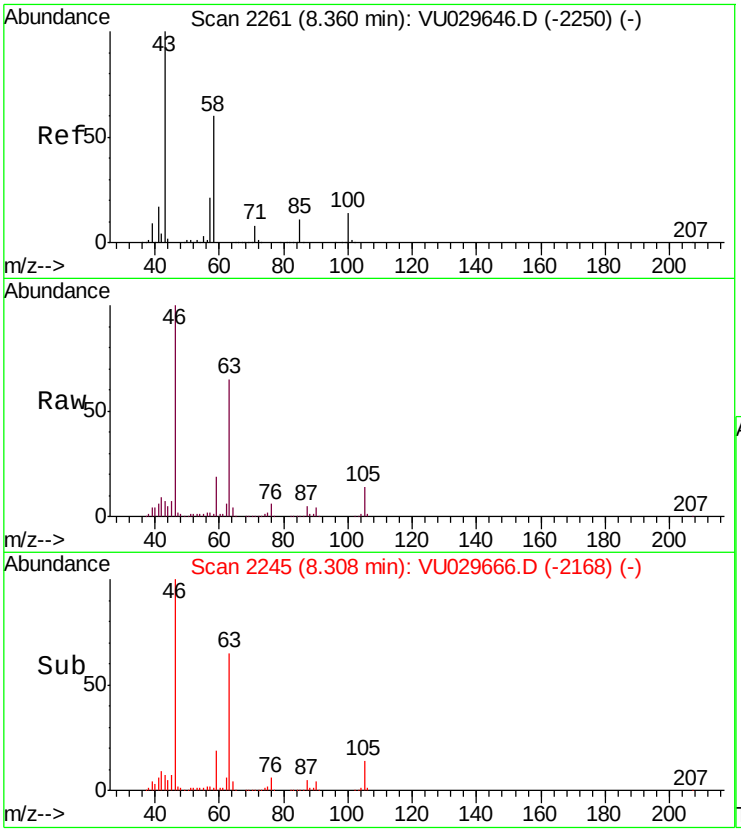


#46
Tetrachloroethene
Concen: 2.972 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU029666.D
Acq: 25 Feb 2019 18:23

Tgt Ion:164 Resp: 9047

Ion	Ratio	Lower	Upper
164	100		
129	86.2	62.1	115.3
131	93.5	60.1	111.5
166	130.9	89.7	166.5



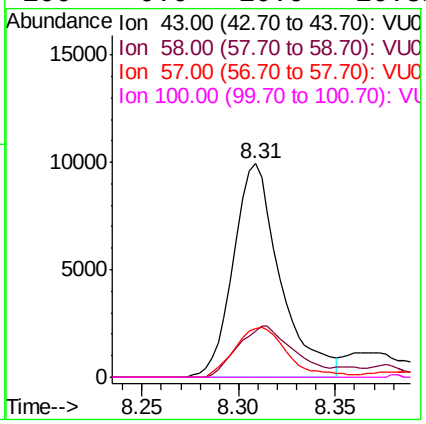


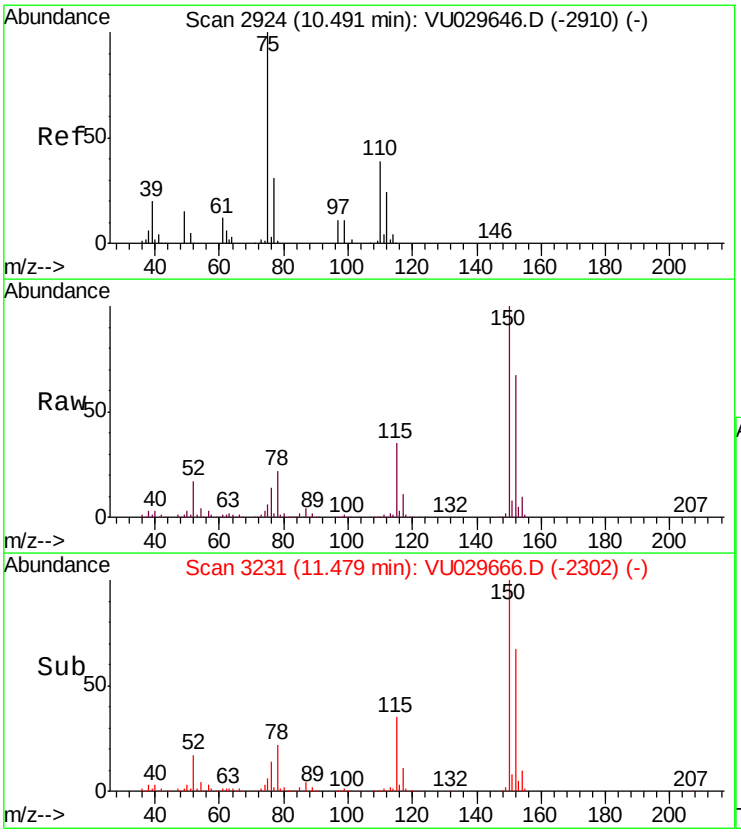
#48
2-Hexanone
Concen: 4.512 ug/L
RT: 8.31 min Scan# 2245
Delta R.T. -0.05 min
Lab File: VU029666.D
Acq: 25 Feb 2019 18:23

Instrument : MSVOA_U
ClientSampleId : BF7Y9

Tgt Ion: 43 Resp: 16799

Ion	Ratio	Lower	Upper
43	100		
58	28.7	46.4	69.6#
57	26.4	15.7	23.5#
100	0.0	10.9	16.3#





#59
1,2,3-Trichloropropane
Concen: 5.080 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU029666.D
Acq: 25 Feb 2019 18:23

Tgt Ion: 75 Resp: 21956

Ion	Ratio	Lower	Upper
75	100		
77	38.8	25.7	38.5#