Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU030419\

Quantitation Report (Not Reviewed)

Data File : VU029801.D
Acq On : 04 Mar 2019 22:18
Operator : JC/SP
Sample : K1661-16
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF874

Quant Time: Mar 05 01:33:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 05 01:28:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	478885	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	467440	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	219830	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	133414	38.02	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 76.04%			
7) Chloroethane-d5	1.68	69	110054	35.28	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 70.56%			
11) 1,1-Dichloroethene-d2	2.27	63	185363	27.02	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 54.04%#			
21) 2-Butanone-d5	4.17	46	226456	106.04	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 106.04%			
24) Chloroform-d	4.65	84	234691	41.24	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 82.48%			
26) 1,2-Dichloroethane-d4	5.31	65	147269	40.87	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 81.74%			
32) Benzene-d6	5.34	84	509948	43.36	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.72%			
36) 1,2-Dichloropropane-d6	6.33	67	155842	44.04	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 88.08%			
41) Toluene-d8	7.56	98	468925	39.07	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 78.14%#			
43) trans-1,3-Dichloropropene-	7.85	79	68616	36.56	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 73.12%			
47) 2-Hexanone-d5	8.31	63	202541	102.78	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 102.78%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	242291	40.52	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 81.04%			
64) 1,2-Dichlorobenzene-d4	11.86	152	190923	40.30	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 80.60%			

Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1902	0.570	ug/L #	17
12) 1,1-Dichloroethene	2.27	96	1855	0.585	ug/L #	1
13) Acetone	2.32	43	2543	1.114	ug/L	87
39) cis-1,3-Dichloropropene	7.23	75	3829	0.754	ug/L #	60
44) trans-1,3-Dichloropropene	7.85	75	2629	0.550	ug/L	95
59) 1,2,3-Trichloropropane	11.48	75	21797	4.859	ug/L	91

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

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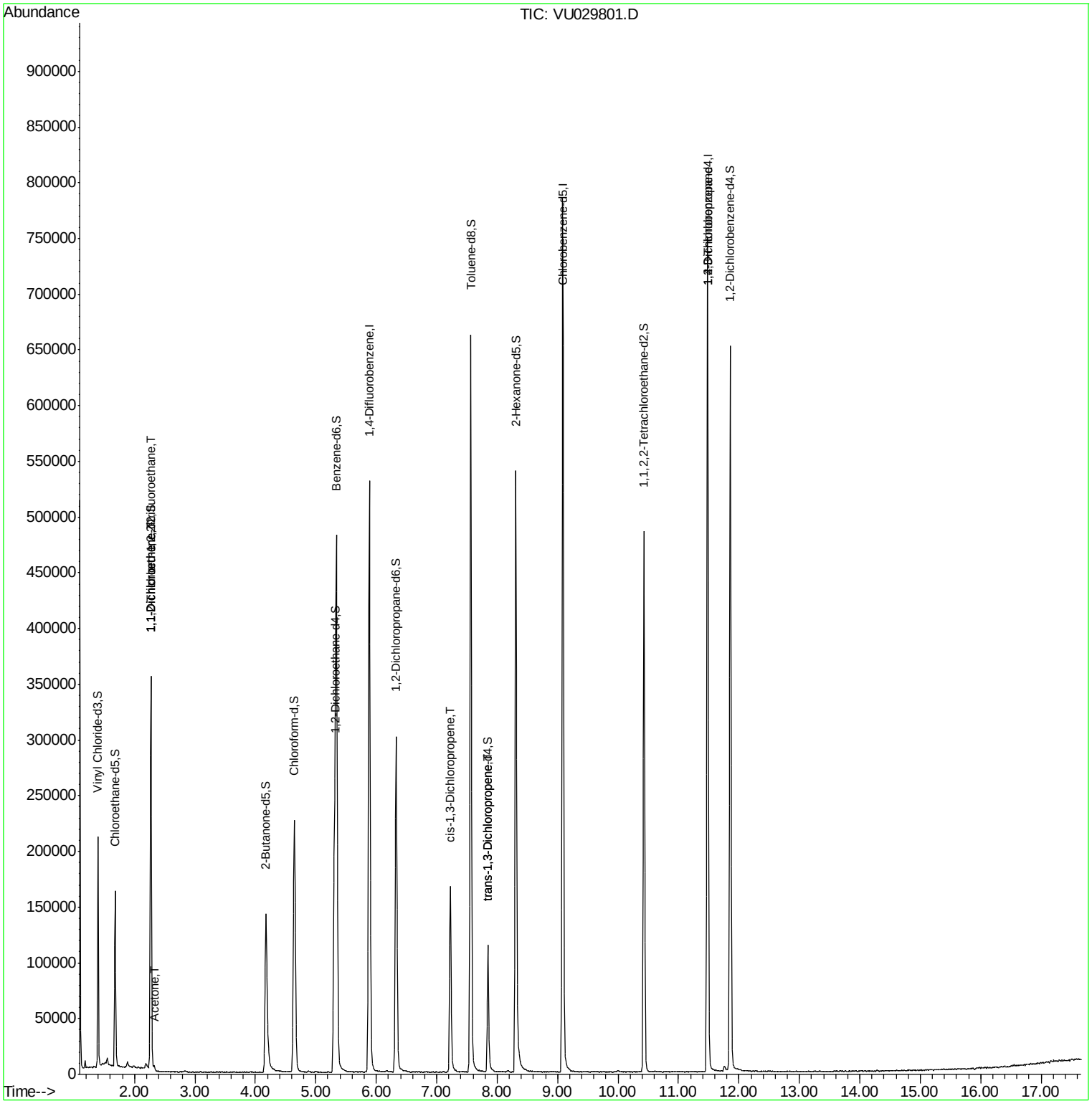
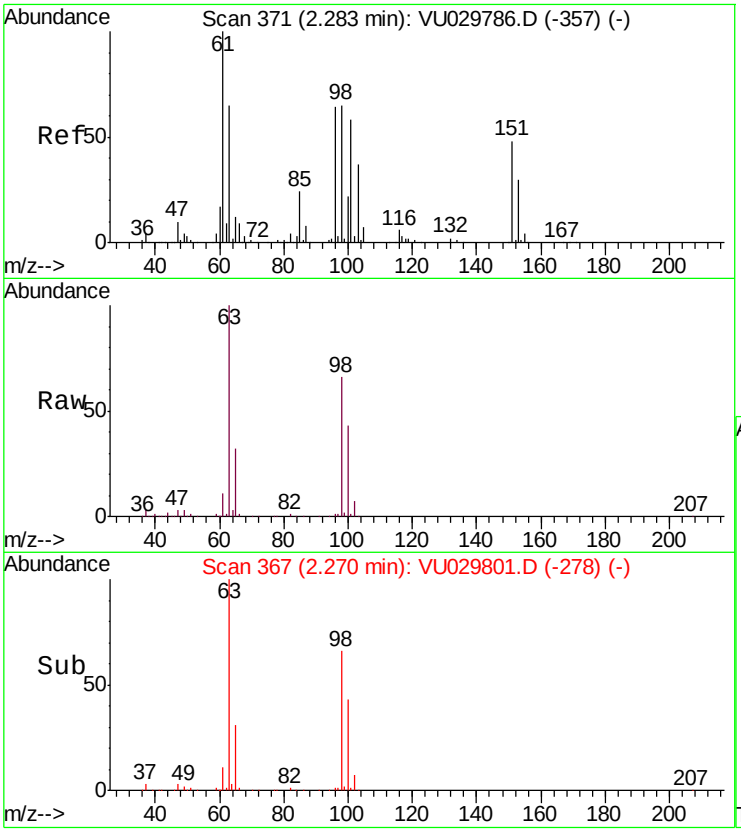


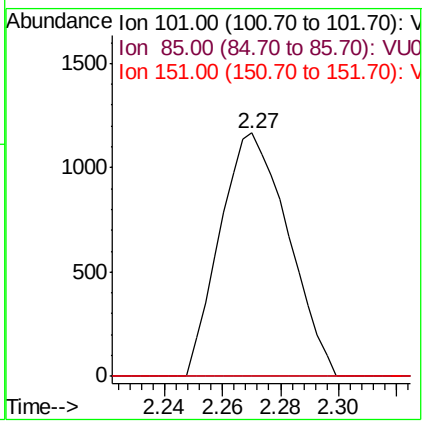


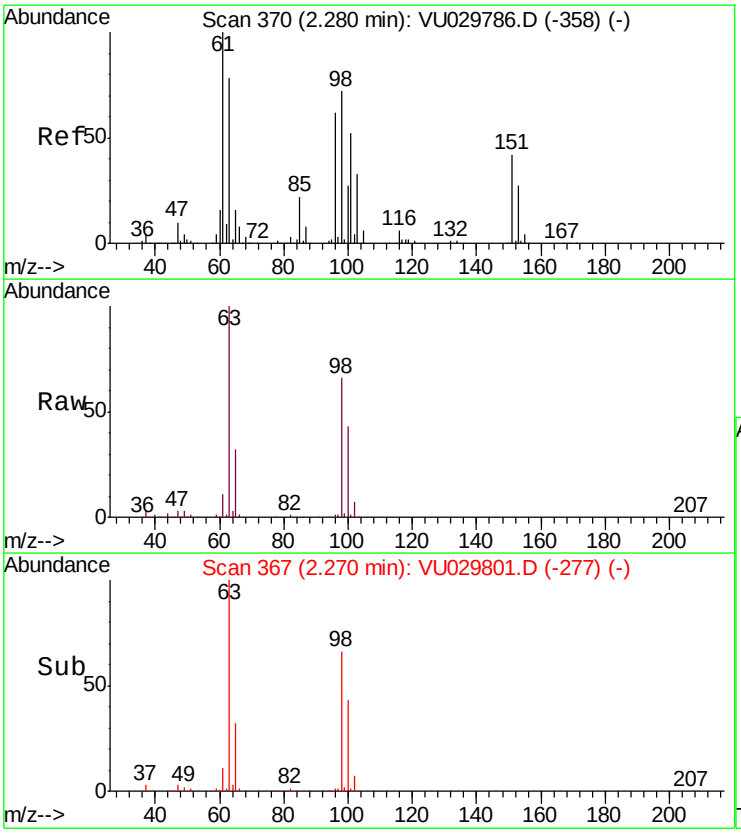
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.570 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.01 min
Lab File: VU029801.D
Acq: 04 Mar 2019 22:18

Instrument :
MSVOA_U
ClientSampleId :
BF874

Tgt Ion:101 Resp: 1902

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

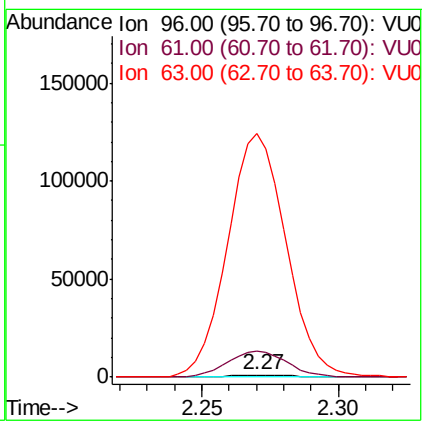


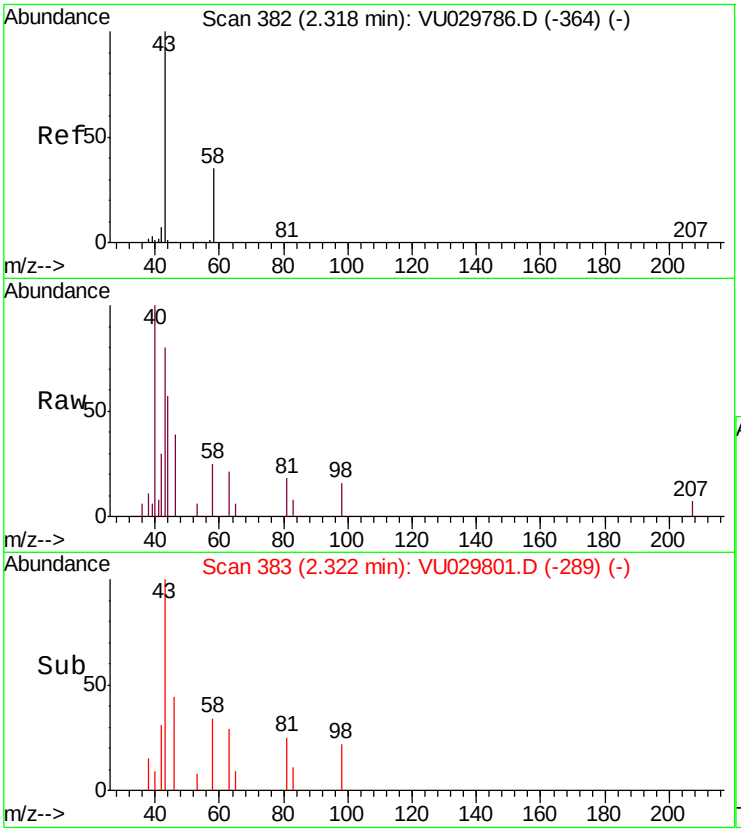


#12
1,1-Dichloroethene
Concen: 0.585 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.01 min
Lab File: VU029801.D
Acq: 04 Mar 2019 22:18

Tgt Ion: 96 Resp: 1855

Ion	Ratio	Lower	Upper
96	100		
61	1187.2	114.0	211.8#
63	10923.5	98.7	183.3#



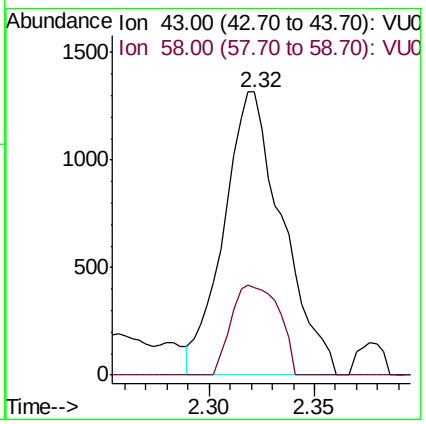


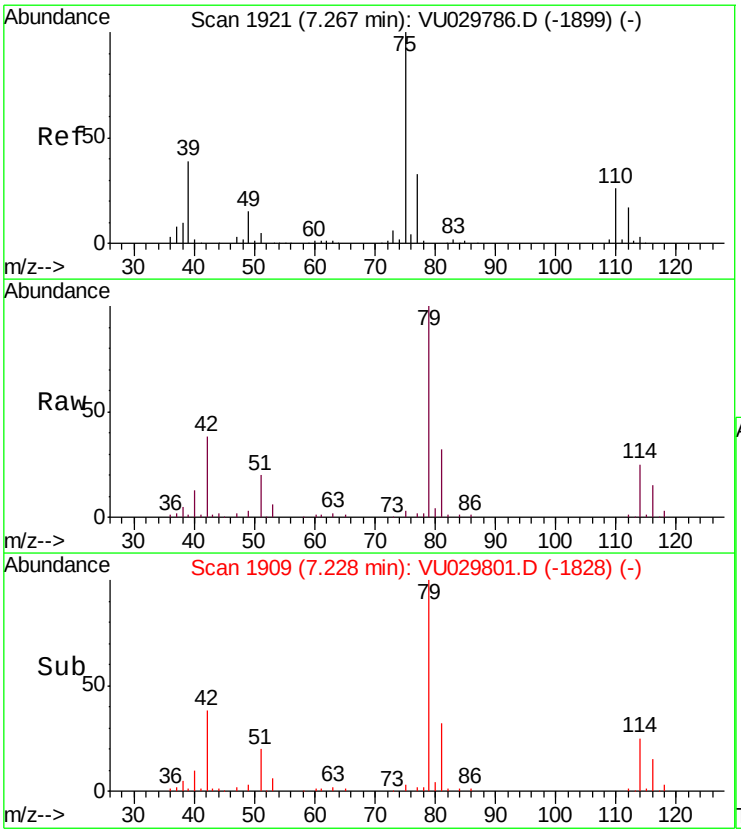
#13
Acetone
Concen: 1.114 ug/L
RT: 2.32 min Scan# 383
Delta R.T. 0.00 min
Lab File: VU029801.D
Acq: 04 Mar 2019 22:18

Instrument : MSVOA_U
ClientSampleId : BF874

Tgt Ion: 43 Resp: 2543

Ion	Ratio	Lower	Upper
43	100		
58	25.8	0.0	66.8

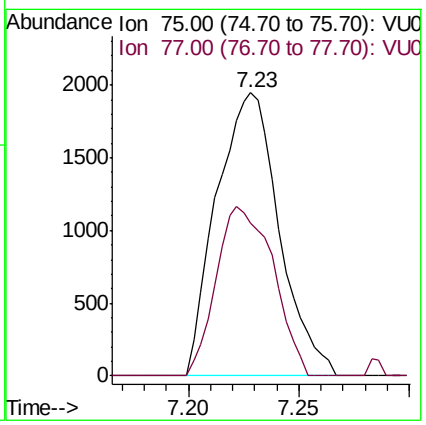


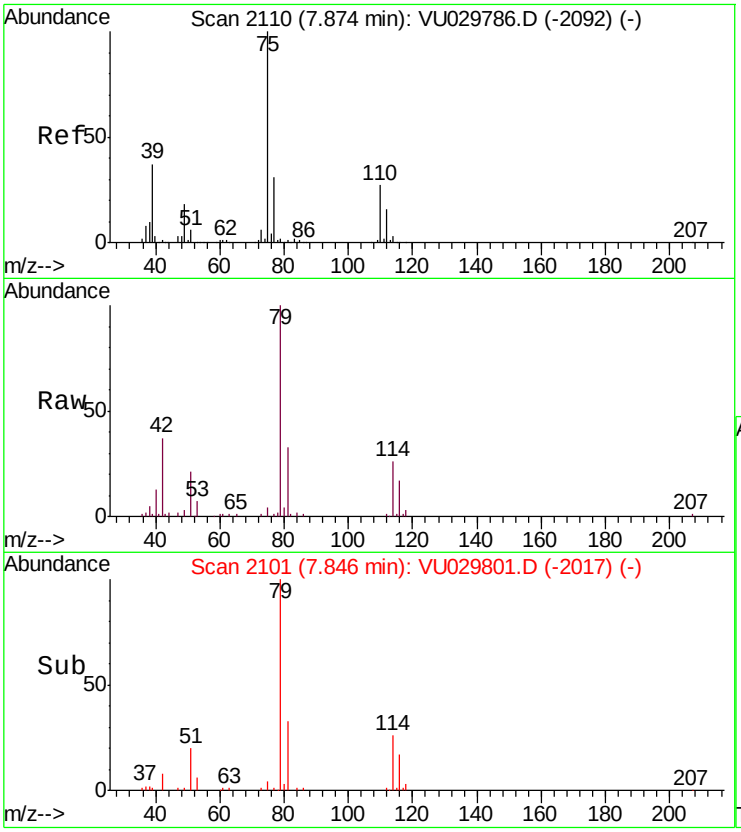


#39
cis-1,3-Dichloropropene
Concen: 0.754 ug/L
RT: 7.23 min Scan# 1909
Delta R.T. -0.04 min
Lab File: VU029801.D
Acq: 04 Mar 2019 22:18

Tgt Ion: 75 Resp: 3829

Ion	Ratio	Lower	Upper
75	100		
77	54.0	22.3	41.5#



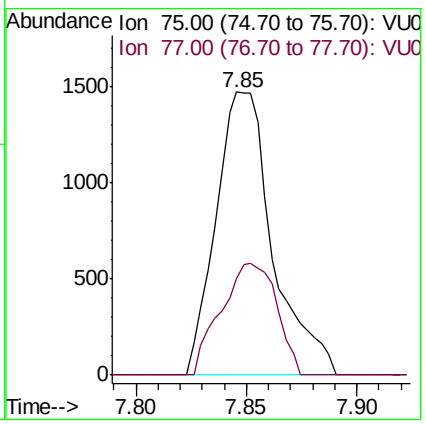


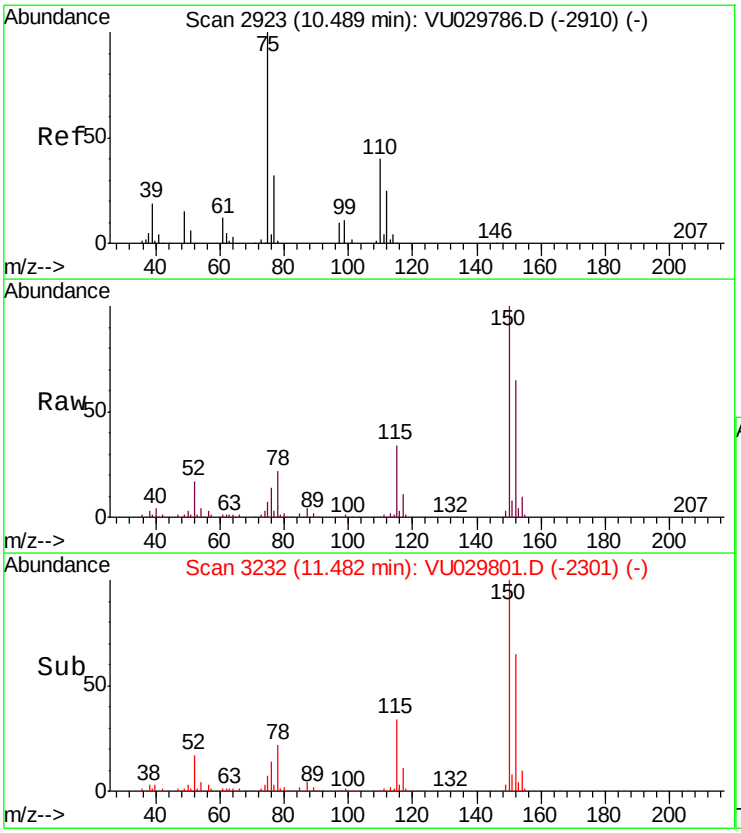
#44
trans-1,3-Dichloropropene
Concen: 0.550 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU029801.D
Acq: 04 Mar 2019 22:18

Instrument :
MSVOA_U
ClientSampleId :
BF874

Tgt Ion: 75 Resp: 2629

Ion	Ratio	Lower	Upper
75	100		
77	34.2	22.1	41.1





#59
1,2,3-Trichloropropane
Concen: 4.859 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU029801.D
Acq: 04 Mar 2019 22:18

Tgt Ion: 75 Resp: 21797

Ion	Ratio	Lower	Upper
75	100		
77	37.1	25.7	38.5