

Data File : VU030087.D
Acq On : 14 Mar 2019 20:24
Operator : JC/SP
Sample : K1918-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0997

Quant Time: Mar 15 02:49:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 15 02:44:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	498778	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	488819	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	232655	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	114114	34.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.18%
7) Chloroethane-d5	1.68	69	103541	38.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.76%
11) 1,1-Dichloroethene-d2	2.27	63	162872	27.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.70%#
21) 2-Butanone-d5	4.17	46	240457	97.28	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.28%
24) Chloroform-d	4.65	84	263459	44.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.04%
26) 1,2-Dichloroethane-d4	5.31	65	160408	46.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.84%
32) Benzene-d6	5.34	84	551004	43.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.58%
36) 1,2-Dichloropropane-d6	6.33	67	176577	45.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.70%
41) Toluene-d8	7.56	98	501527	42.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.14%
43) trans-1,3-Dichloropropene-	7.85	79	79654	42.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.40%
47) 2-Hexanone-d5	8.31	63	197649	91.72	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.72%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	275426	46.54	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.08%
64) 1,2-Dichlorobenzene-d4	11.86	152	214491	47.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.18%

Target Compounds

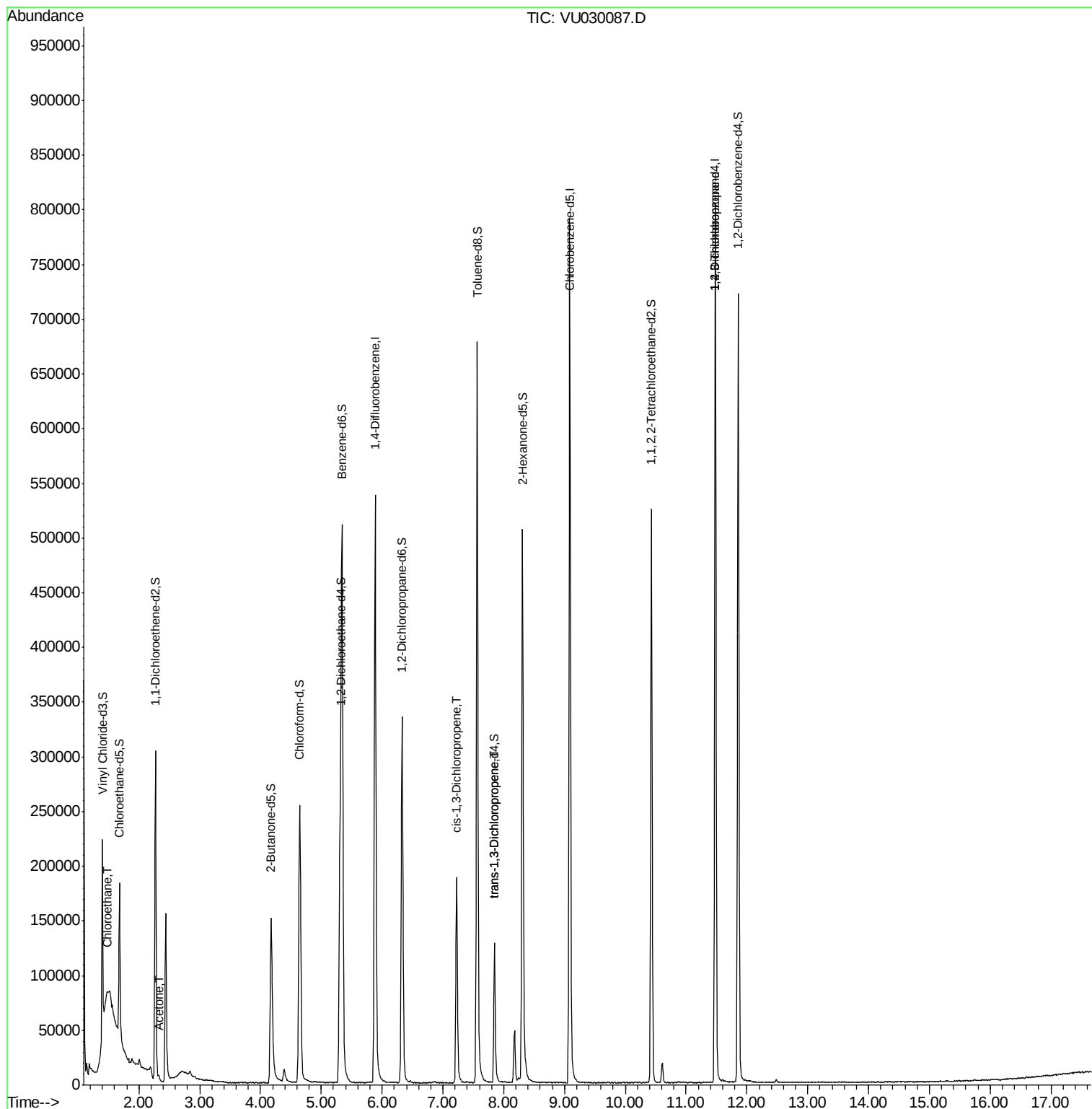
					Qvalue	
8) Chloroethane	1.48	64	265371	106.229	ug/L #	53
13) Acetone	2.32	43	3453	1.195	ug/L	98
39) cis-1,3-Dichloropropene	7.23	75	4088	0.714	ug/L #	61
44) trans-1,3-Dichloropropene	7.85	75	3178	0.608	ug/L	95
59) 1,2,3-Trichloropropane	11.48	75	24117	5.033	ug/L	93

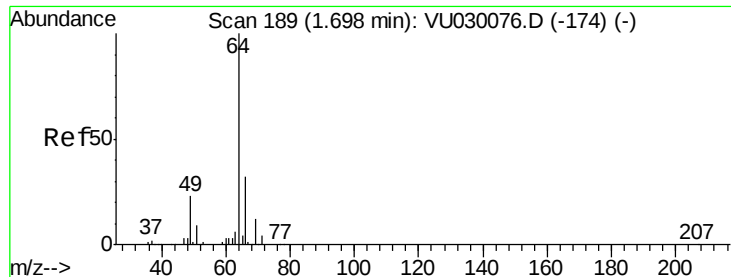
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 106.229 ug/L

RT: 1.48 min Scan# 120

Delta R.T. -0.22 min

Lab File: VU030087.D

Acq: 14 Mar 2019 20:24

Instrument :

MSVOA_U

ClientSampleId :

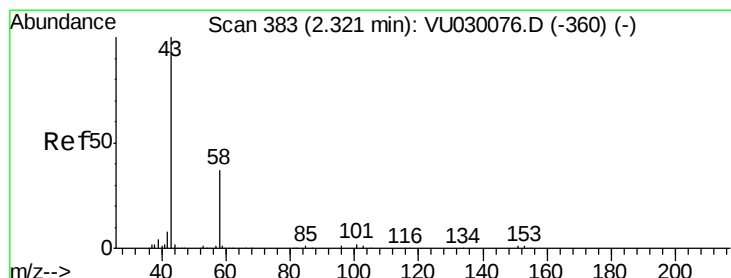
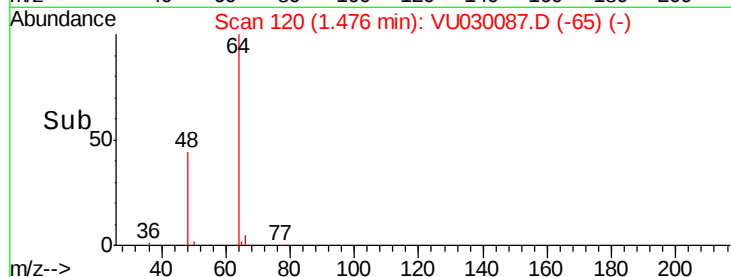
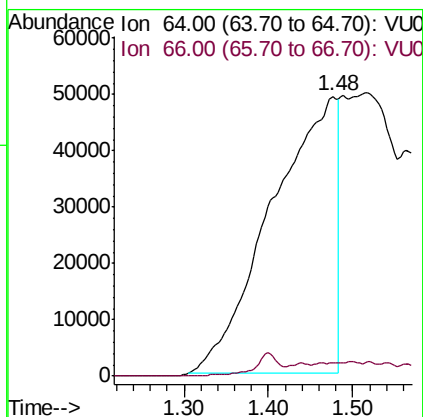
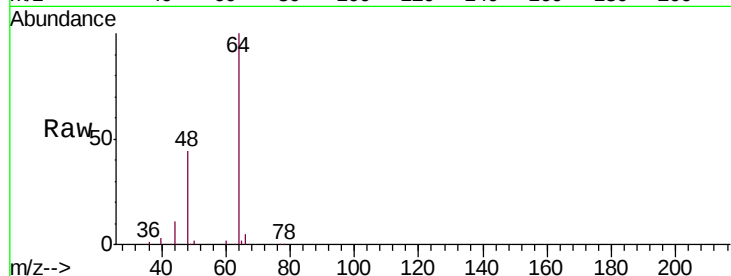
C0997

Tgt Ion: 64 Resp: 265371

Ion Ratio Lower Upper

64 100

66 4.7 21.3 39.6#



#13

Acetone

Concen: 1.195 ug/L

RT: 2.32 min Scan# 384

Delta R.T. 0.00 min

Lab File: VU030087.D

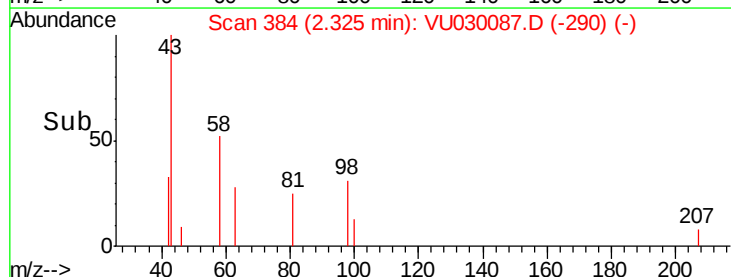
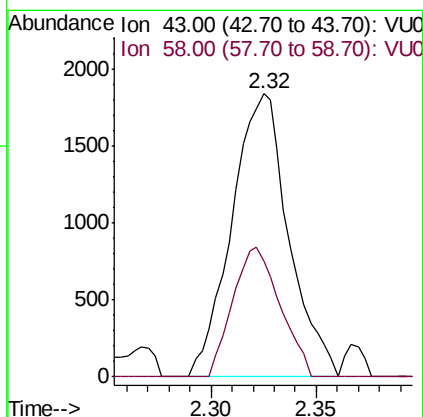
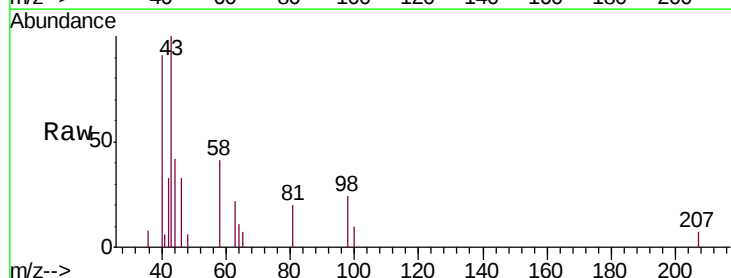
Acq: 14 Mar 2019 20:24

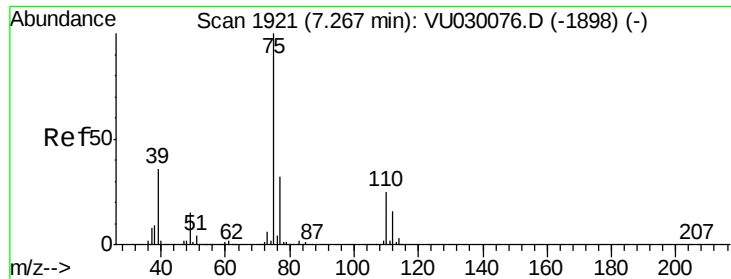
Tgt Ion: 43 Resp: 3453

Ion Ratio Lower Upper

43 100

58 37.9 0.0 73.0



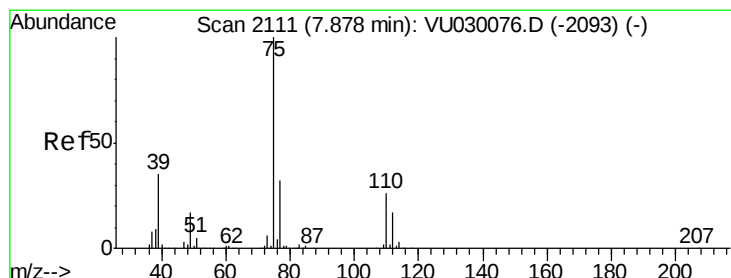
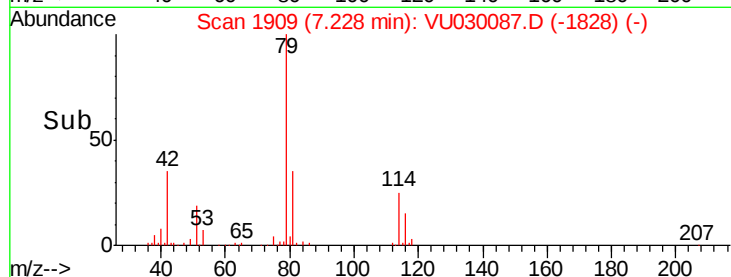
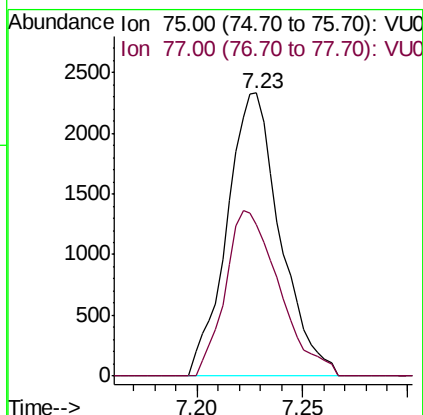
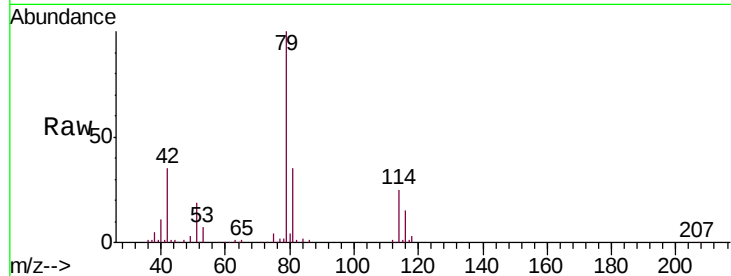


#39

cis-1,3-Dichloropropene
 Concen: 0.714 ug/L
 RT: 7.23 min Scan# 1909
 Delta R.T. -0.04 min
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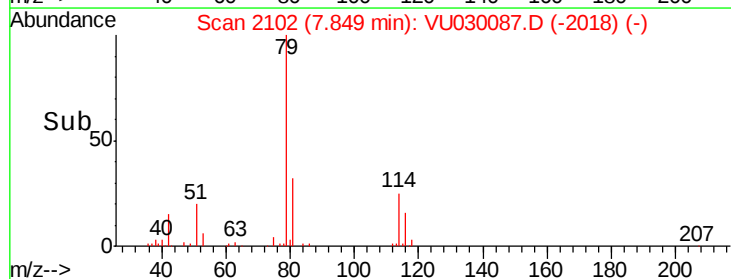
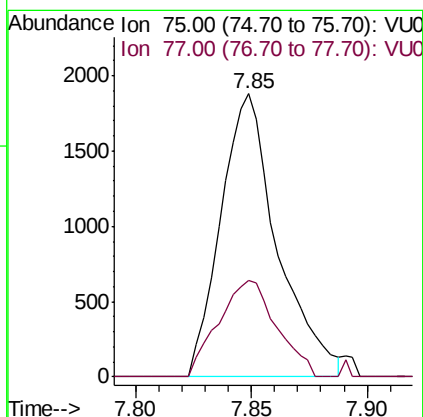
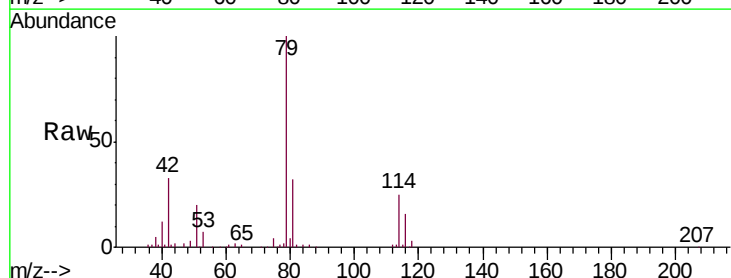
Tgt Ion: 75 Resp: 4088
 Ion Ratio Lower Upper
 75 100
 77 53.4 22.2 41.2#

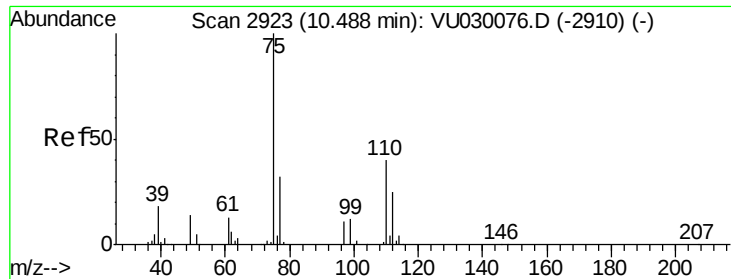


#44

trans-1,3-Dichloropropene
 Concen: 0.608 ug/L
 RT: 7.85 min Scan# 2102
 Delta R.T. -0.03 min
 Lab File: VU030087.D
 Acq: 14 Mar 2019 20:24

Tgt Ion: 75 Resp: 3178
 Ion Ratio Lower Upper
 75 100
 77 34.3 21.9 40.7





#59

1,2,3-Trichloropropane

Concen: 5.033 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU030087.D

Acq: 14 Mar 2019 20:24

Instrument :

MSVOA_U

ClientSampleId :

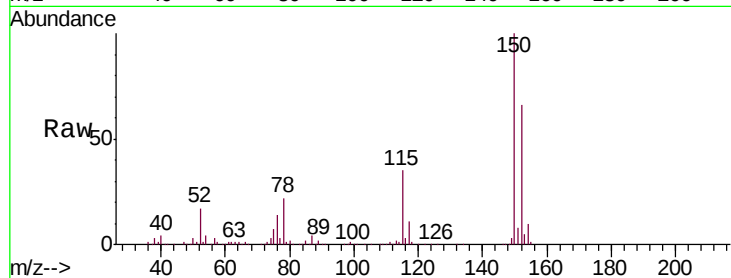
C0997

Tgt Ion: 75 Resp: 24117

Ion Ratio Lower Upper

75 100

77 36.4 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

