

Data File : VU030078.D
Acq On : 14 Mar 2019 16:58
Operator : JC/SP
Sample : K1918-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C09H8

Quant Time: Mar 15 02:47:50 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	489949	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	478384	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	232565	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	113506	35.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.04%
7) Chloroethane-d5	1.68	69	103262	39.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.94%
11) 1,1-Dichloroethene-d2	2.27	63	171643	29.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.68%#
21) 2-Butanone-d5	4.17	46	231485	95.34	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.34%
24) Chloroform-d	4.64	84	268005	46.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.20%
26) 1,2-Dichloroethane-d4	5.31	65	163398	48.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.30%
32) Benzene-d6	5.34	84	564599	45.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.70%
36) 1,2-Dichloropropane-d6	6.33	67	184538	48.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.92%
41) Toluene-d8	7.56	98	521122	45.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.38%
43) trans-1,3-Dichloropropene-	7.85	79	84024	46.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.04%
47) 2-Hexanone-d5	8.31	63	205130	97.27	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.27%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	277080	47.84	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.68%
64) 1,2-Dichlorobenzene-d4	11.86	152	224854	49.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.82%

Target Compounds

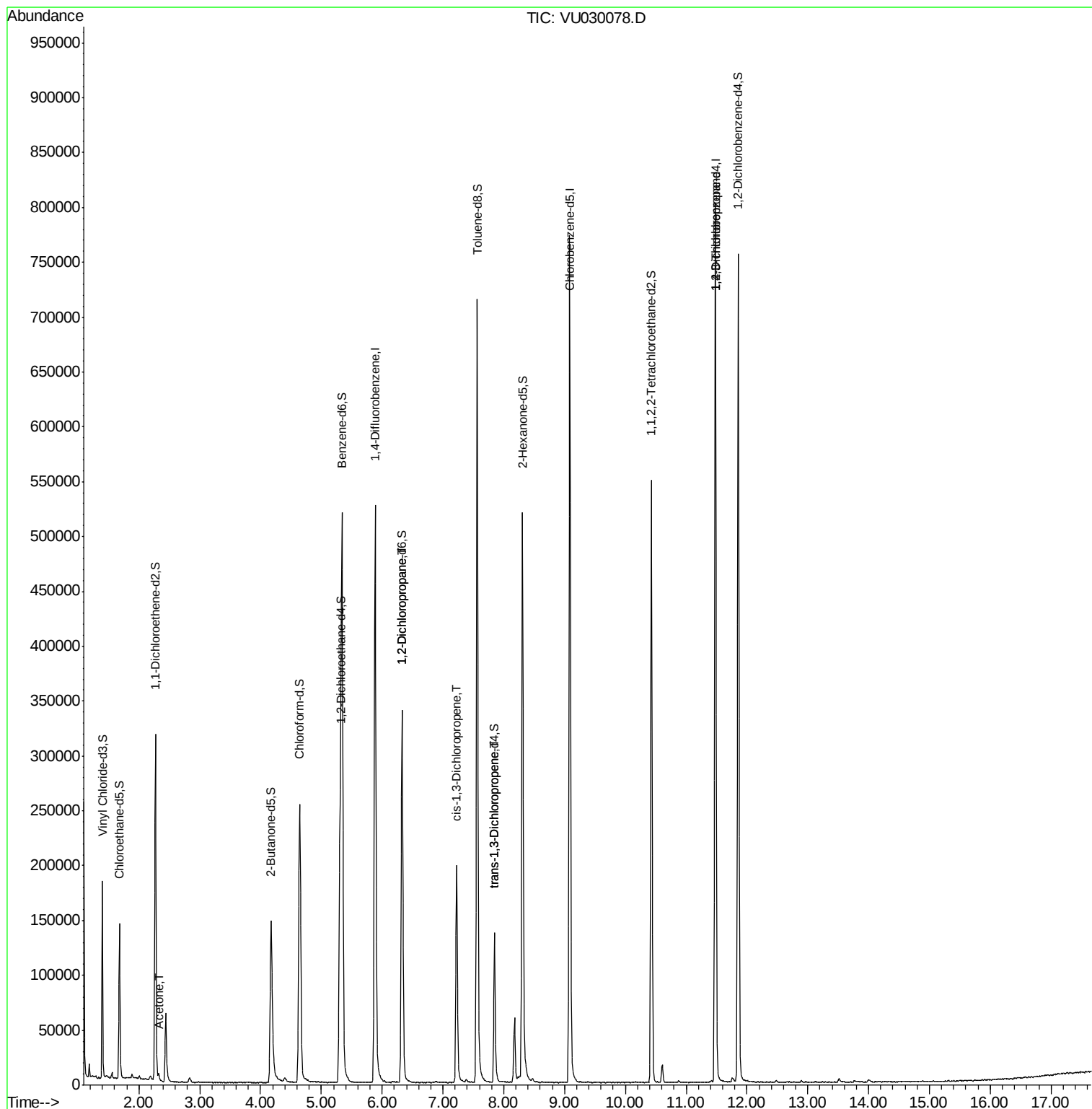
						Qvalue
13) Acetone	2.32	43	5321	1.874	ug/L	90
37) 1,2-Dichloropropane	6.33	63	16975	4.714	ug/L #	87
39) cis-1,3-Dichloropropene	7.22	75	4445	0.793	ug/L #	60
44) trans-1,3-Dichloropropene	7.85	75	3293	0.644	ug/L	93
59) 1,2,3-Trichloropropane	11.48	75	24031	5.124	ug/L	95

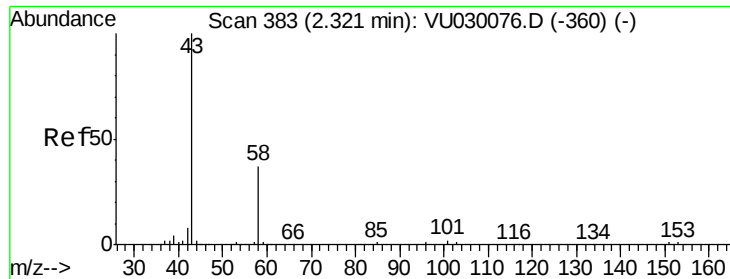
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.874 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.00 min

Lab File: VU030078.D

Acq: 14 Mar 2019 16:58

Instrument :

MSVOA_U

ClientSampleId :

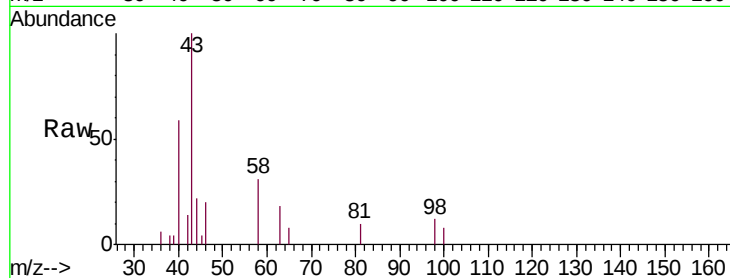
C09H8

Tgt Ion: 43 Resp: 5321

Ion Ratio Lower Upper

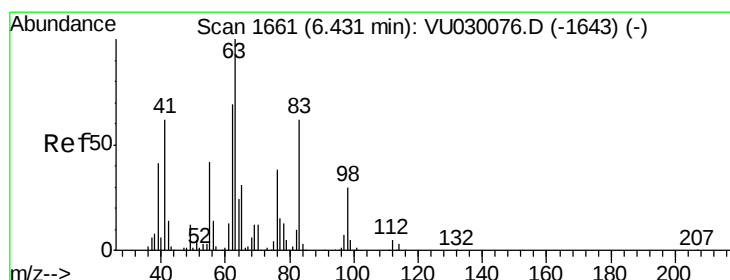
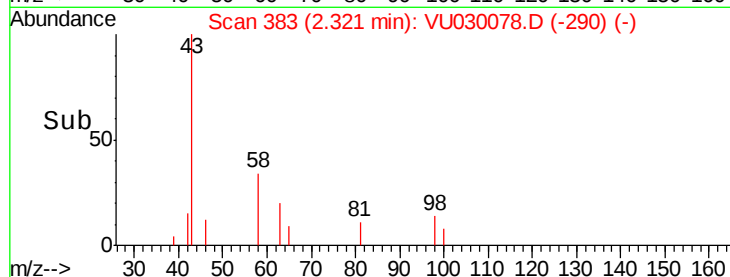
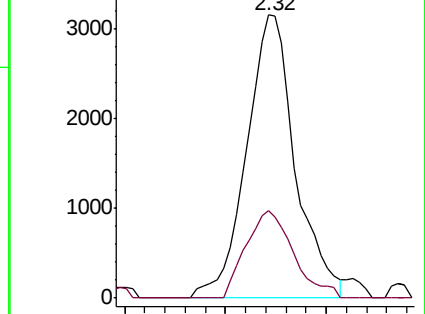
43 100

58 30.3 0.0 73.0



Abundance Ion 43.00 (42.70 to 43.70): VU030076.D (-360) (-)

Ion 58.00 (57.70 to 58.70): VU030076.D (-360) (-)



#37

1,2-Dichloropropane

Concen: 4.714 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.10 min

Lab File: VU030078.D

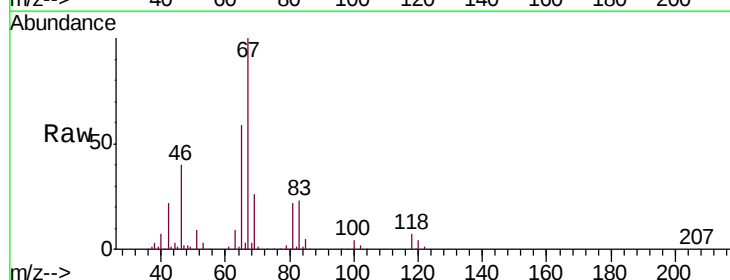
Acq: 14 Mar 2019 16:58

Tgt Ion: 63 Resp: 16975

Ion Ratio Lower Upper

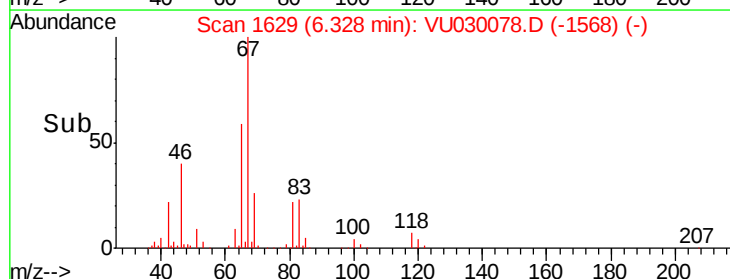
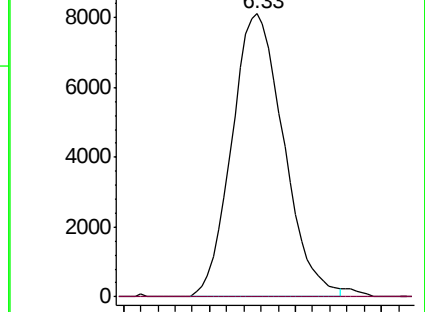
63 100

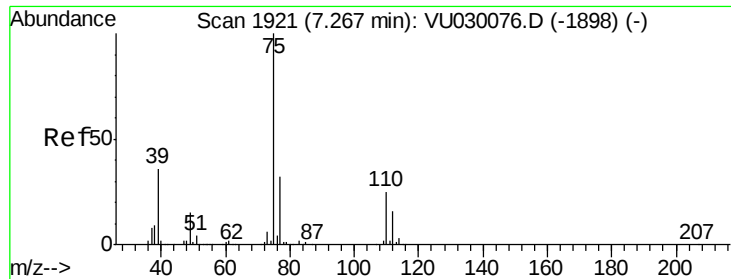
112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VU030076.D (-1643) (-)

Ion 112.00 (111.70 to 112.70): VU030076.D (-1643) (-)



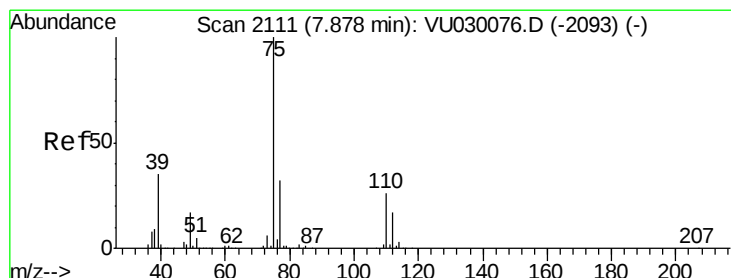
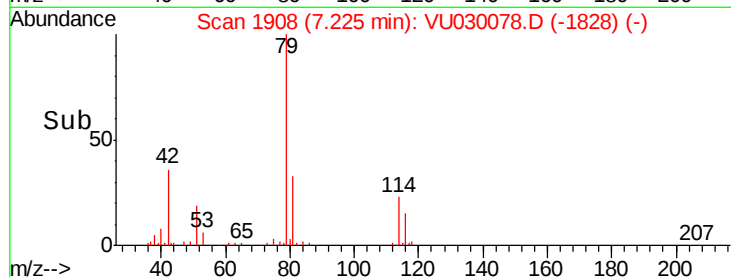
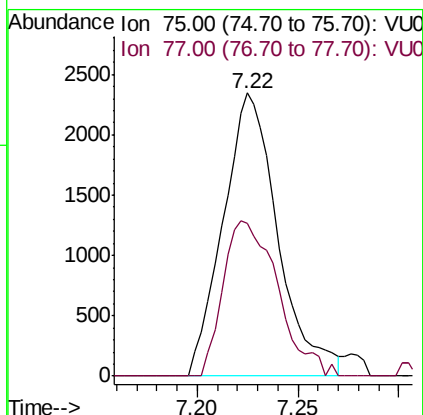
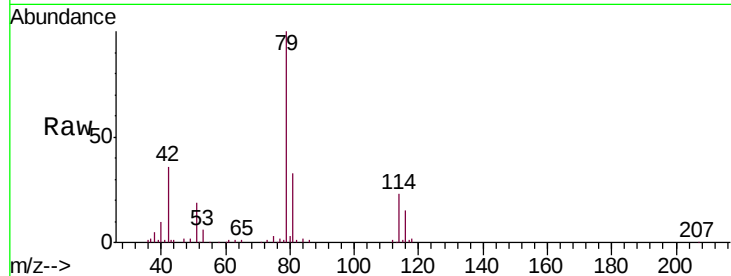


#39

cis-1,3-Dichloropropene
 Concen: 0.793 ug/L
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU030078.D
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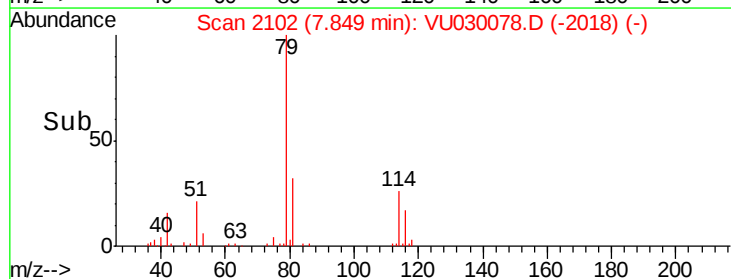
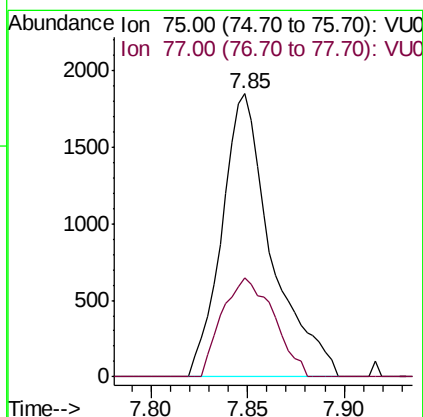
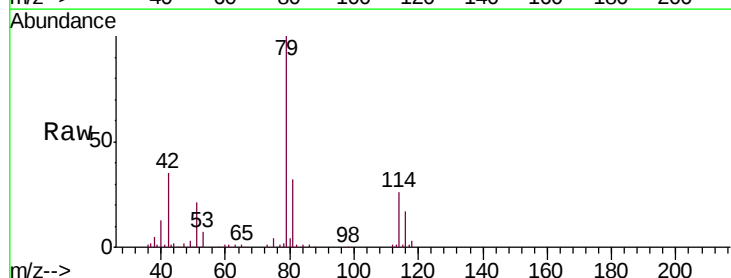
Tgt Ion: 75 Resp: 4445
 Ion Ratio Lower Upper
 75 100
 77 54.0 22.2 41.2#

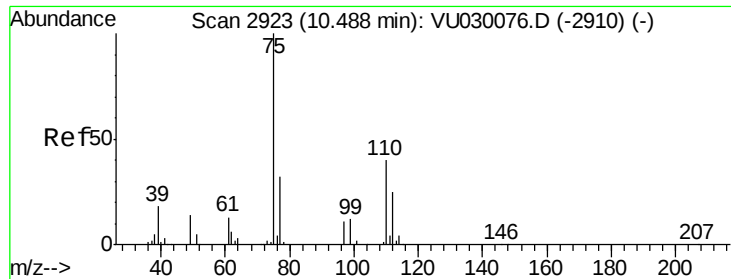


#44

trans-1,3-Dichloropropene
 Concen: 0.644 ug/L
 RT: 7.85 min Scan# 2102
 Delta R.T. -0.03 min
 Lab File: VU030078.D
 Acq: 14 Mar 2019 16:58

Tgt Ion: 75 Resp: 3293
 Ion Ratio Lower Upper
 75 100
 77 35.0 21.9 40.7





#59

1,2,3-Trichloropropane

Concen: 5.124 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU030078.D

Acq: 14 Mar 2019 16:58

Instrument :

MSVOA_U

ClientSampleId :

C09H8

Tgt Ion: 75 Resp: 24031

Ion Ratio Lower Upper

75 100

77 35.4 25.8 38.8

