

Data File : VU029625.D
Acq On : 22 Feb 2019 17:23
Operator : JC/SP
Sample : K1581-16
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB626

Quant Time: Feb 22 23:11:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 22 23:08:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	466988	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	450149	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	218698	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	125544	36.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.38%
7) Chloroethane-d5	1.68	69	116591	38.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.66%
11) 1,1-Dichloroethene-d2	2.27	63	188538	28.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.38%#
21) 2-Butanone-d5	4.17	46	207912	99.84	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.84%
24) Chloroform-d	4.65	84	251770	45.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.72%
26) 1,2-Dichloroethane-d4	5.31	65	158895	45.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.44%
32) Benzene-d6	5.34	84	515458	45.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.02%
36) 1,2-Dichloropropane-d6	6.33	67	164408	48.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.48%
41) Toluene-d8	7.56	98	480815	41.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.18%
43) trans-1,3-Dichloropropene-	7.85	79	74008	40.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.88%
47) 2-Hexanone-d5	8.31	63	177465	93.51	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.51%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	257033	44.64	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.28%
64) 1,2-Dichlorobenzene-d4	11.86	152	208084	44.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.30%

Target Compounds

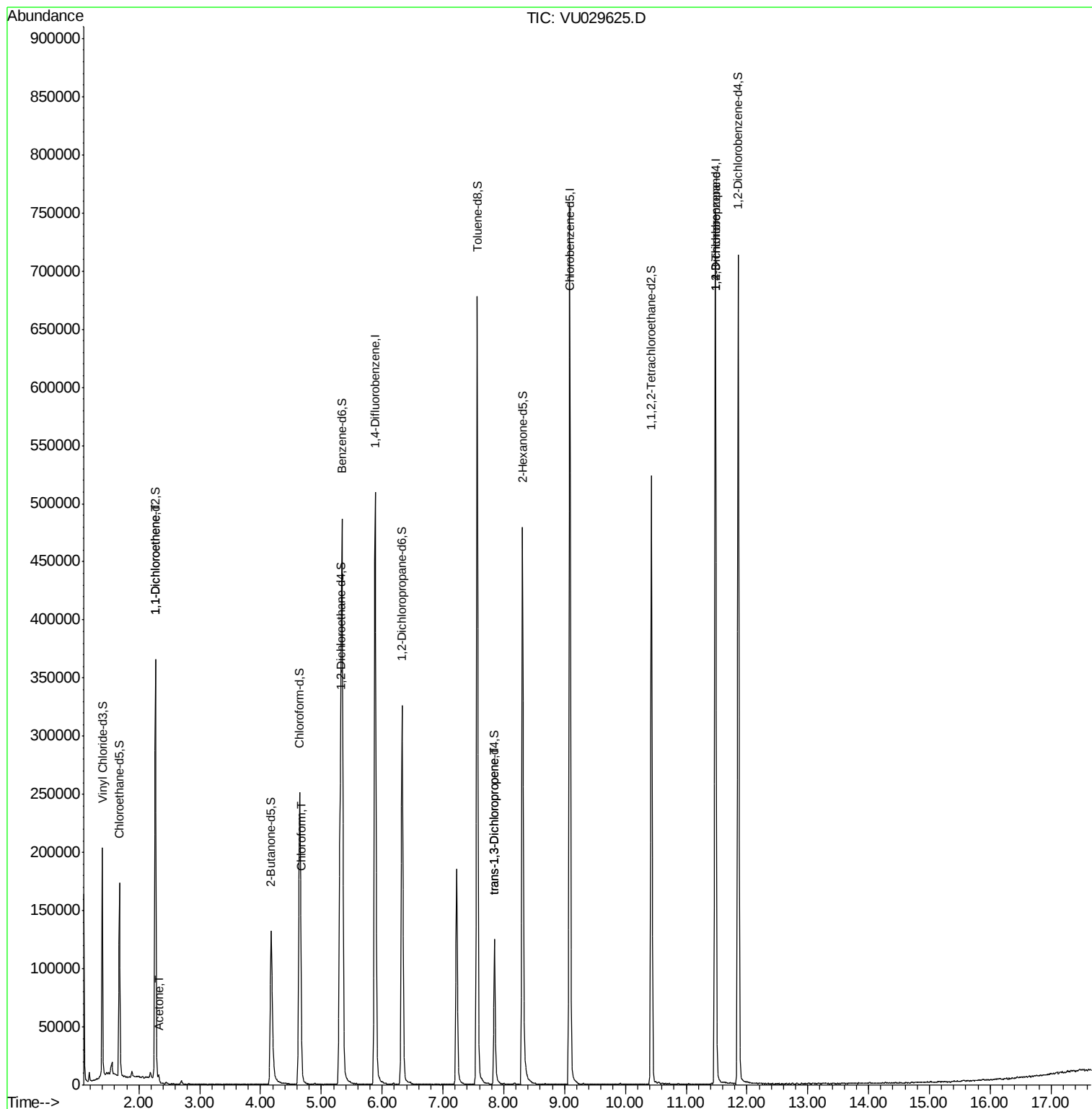
					Qvalue
12) 1,1-Dichloroethene	2.27	96	1799	0.582 ug/L #	1
13) Acetone	2.32	43	4403	1.979 ug/L	78
25) Chloroform	4.67	83	3679	0.668 ug/L	77
44) trans-1,3-Dichloropropene	7.85	75	2890	0.627 ug/L #	76
59) 1,2,3-Trichloropropane	11.48	75	21411	4.957 ug/L	90

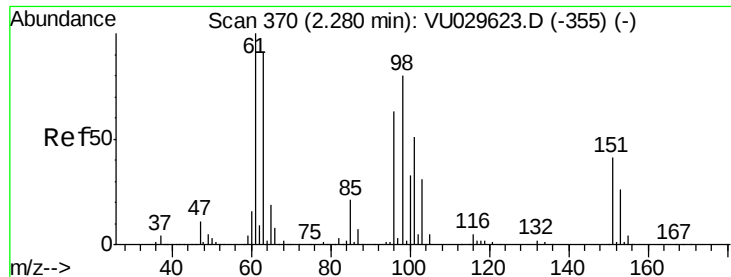
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.582 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

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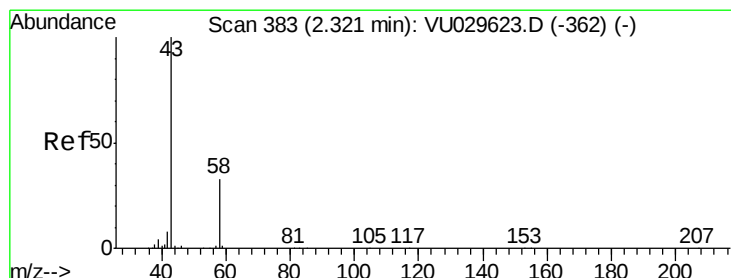
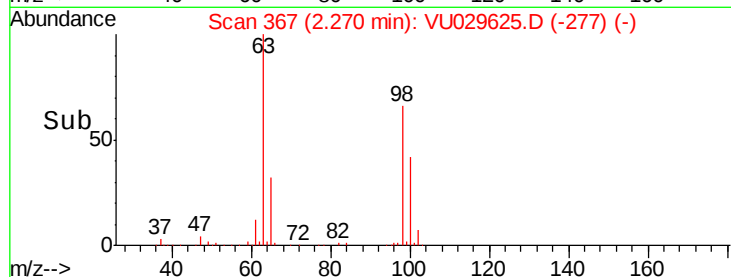
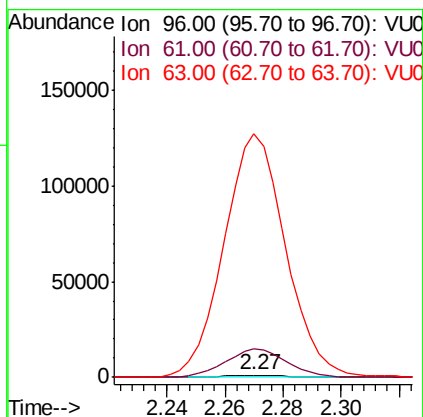
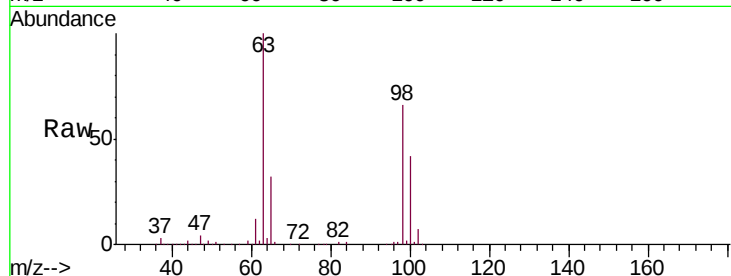
Tgt Ion: 96 Resp: 1799

Ion Ratio Lower Upper

96 100

61 1224.6 114.0 211.8#

63 10614.8 98.7 183.3#



#13

Acetone

Concen: 1.979 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

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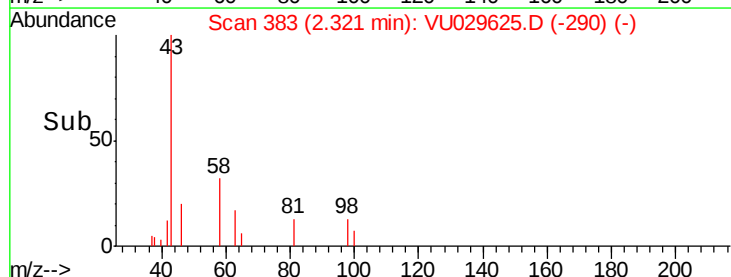
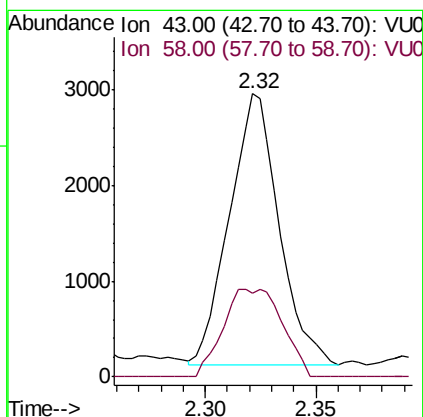
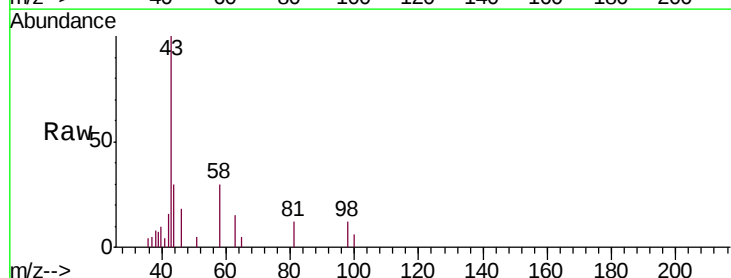
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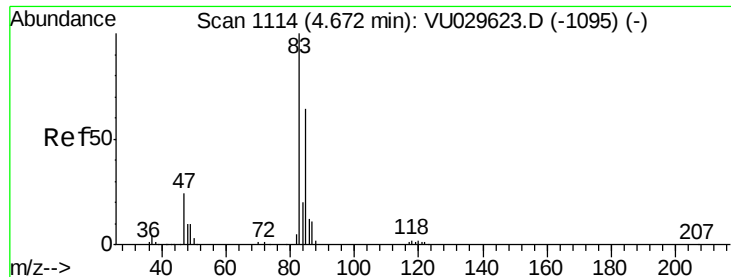
Tgt Ion: 43 Resp: 4403

Ion Ratio Lower Upper

43 100

58 20.7 0.0 66.8

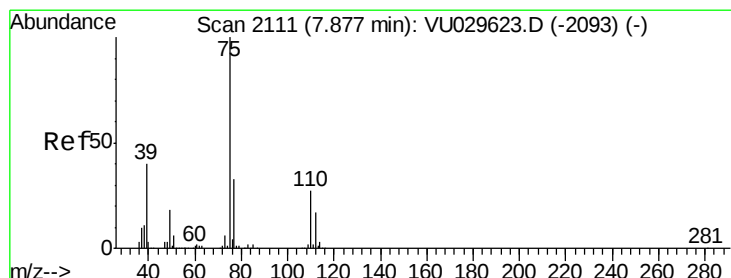
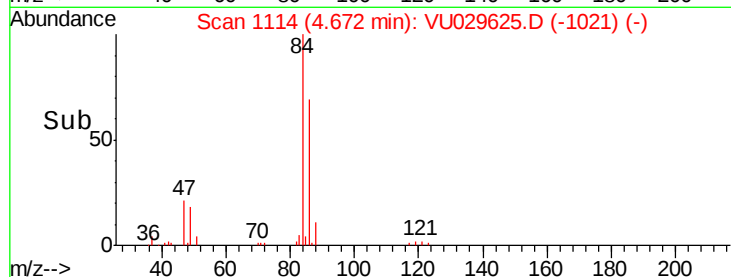
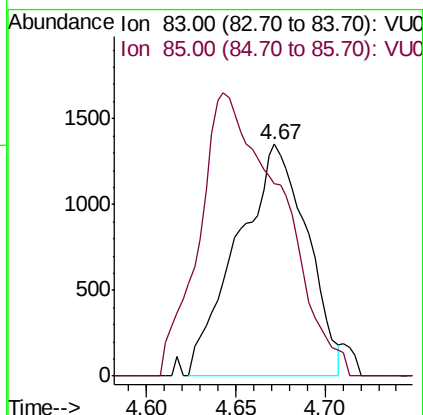
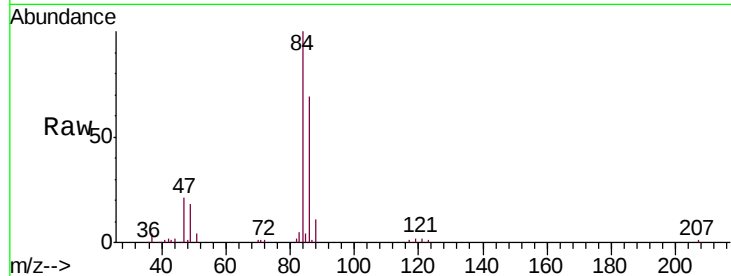




#25
Chloroform
Concen: 0.668 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. 0.00 min
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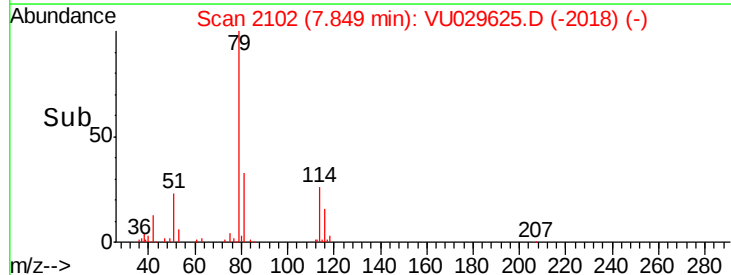
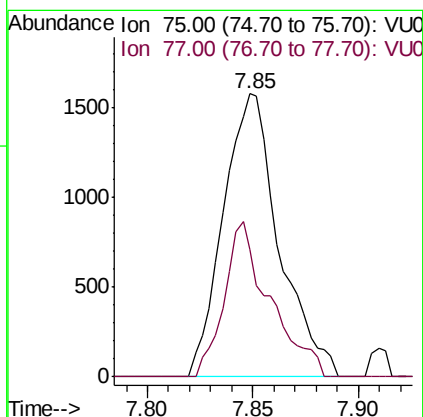
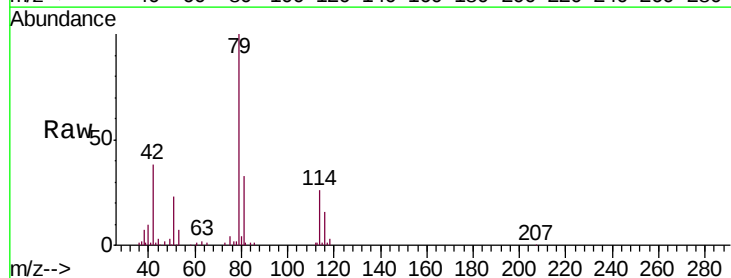
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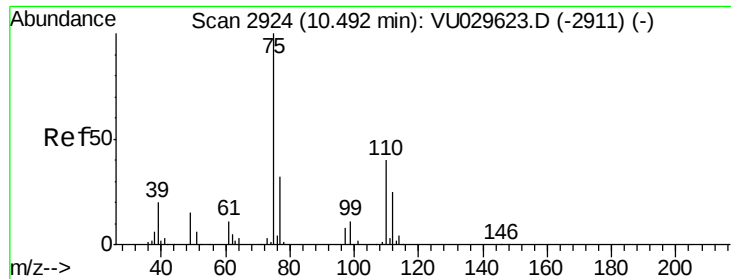
Tgt Ion: 83 Resp: 3679
Ion Ratio Lower Upper
83 100
85 83.3 45.4 84.2



#44
trans-1,3-Dichloropropene
Concen: 0.627 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU029625.D
Acq: 22 Feb 2019 17:23

Tgt Ion: 75 Resp: 2890
Ion Ratio Lower Upper
75 100
77 45.0 22.1 41.1#





#59

1,2,3-Trichloropropane

Concen: 4.957 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU029625.D

Acq: 22 Feb 2019 17:23

Instrument :

MSVOA_U

ClientSampleId :

DB626

Tgt Ion: 75 Resp: 21411

Ion Ratio Lower Upper

75 100

77 37.7 25.7 38.5

