

Data File : VU029637.D
Acq On : 22 Feb 2019 22:02
Operator : JC/SP
Sample : K1581-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB624

Quant Time: Feb 22 23:12:59 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	464542	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	447347	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	220540	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	126154	37.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.12%
7) Chloroethane-d5	1.68	69	114945	37.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.96%
11) 1,1-Dichloroethene-d2	2.27	63	185056	27.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.62%#
21) 2-Butanone-d5	4.17	46	206081	99.48	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.48%
24) Chloroform-d	4.65	84	254332	46.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.14%
26) 1,2-Dichloroethane-d4	5.31	65	164503	47.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.12%
32) Benzene-d6	5.34	84	526073	46.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.46%
36) 1,2-Dichloropropane-d6	6.33	67	166651	49.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.42%
41) Toluene-d8	7.56	98	486321	42.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.66%
43) trans-1,3-Dichloropropene-	7.85	79	75759	42.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.34%
47) 2-Hexanone-d5	8.31	63	180299	95.60	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.60%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	263440	46.04	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.08%
64) 1,2-Dichlorobenzene-d4	11.86	152	216406	45.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.06%

Target Compounds

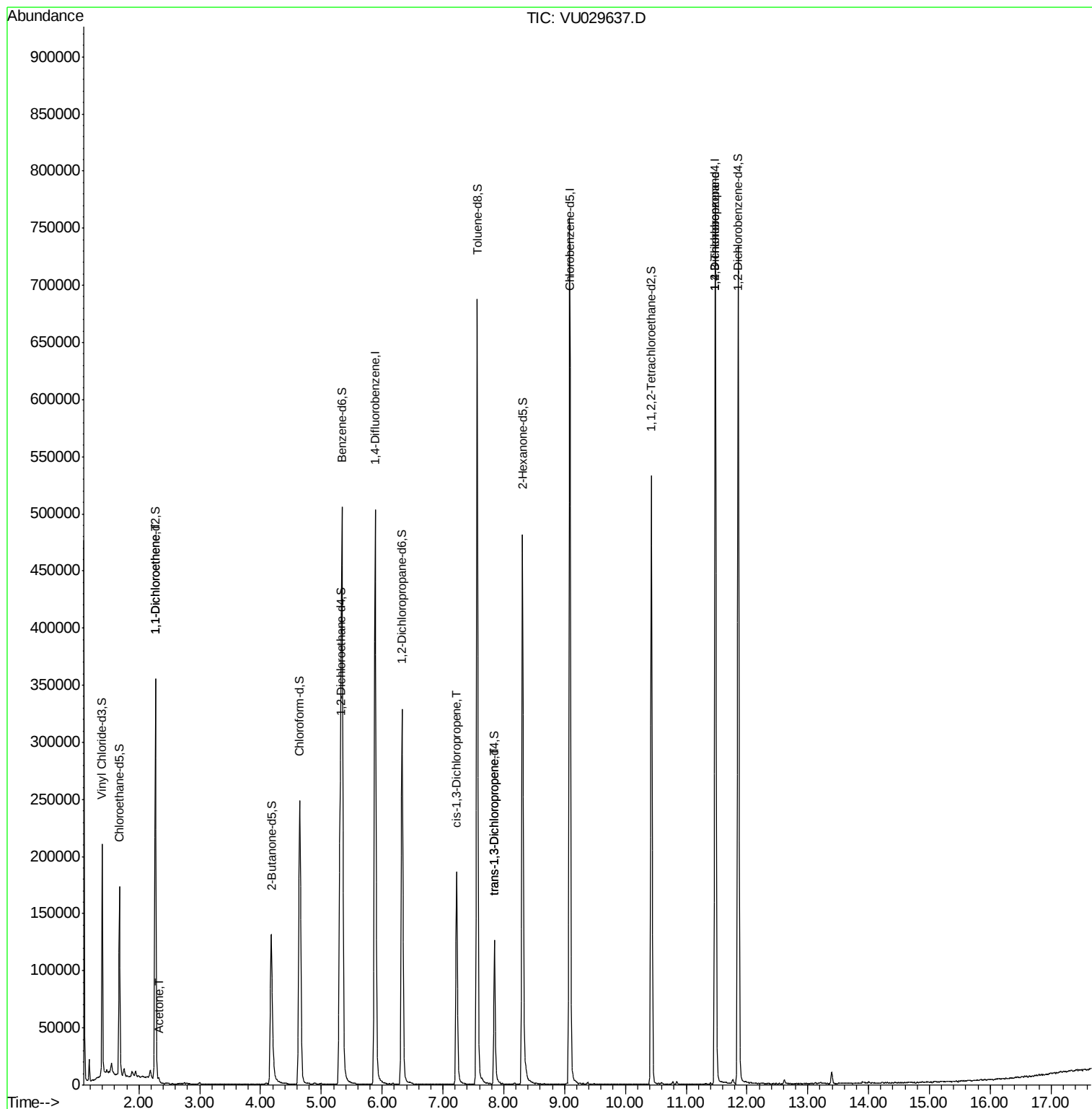
					Qvalue	
12) 1,1-Dichloroethene	2.27	96	1704	0.554	ug/L #	1
13) Acetone	2.32	43	2101	0.949	ug/L	87
39) cis-1,3-Dichloropropene	7.22	75	4005	0.824	ug/L #	50
44) trans-1,3-Dichloropropene	7.85	75	3028	0.661	ug/L	84
59) 1,2,3-Trichloropropane	11.48	75	21653	5.044	ug/L	90

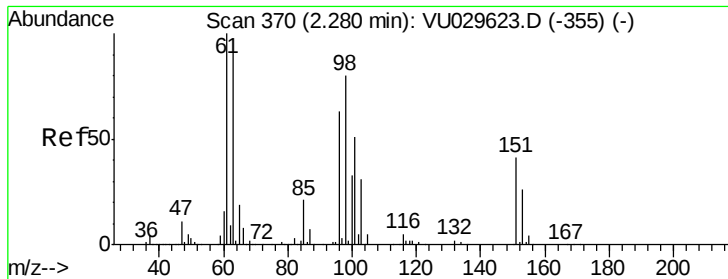
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU029637.D
Acq On : 22 Feb 2019 22:02
Operator : JC/SP
Sample : K1581-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB624

Quant Time: Feb 22 23:12:59 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





#12

1,1-Dichloroethene

Concen: 0.554 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU029637.D

Acq: 22 Feb 2019 22:02

Instrument :

MSVOA_U

ClientSampleId :

DB624

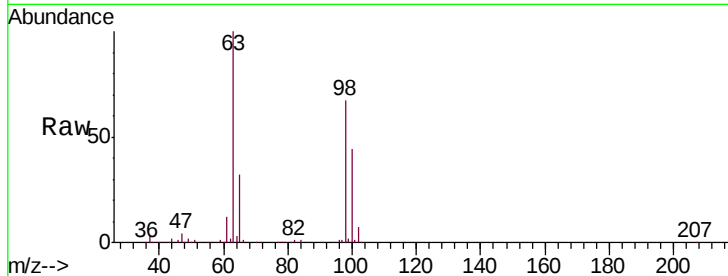
Tgt Ion: 96 Resp: 1704

Ion Ratio Lower Upper

96 100

61 1226.2 114.0 211.8#

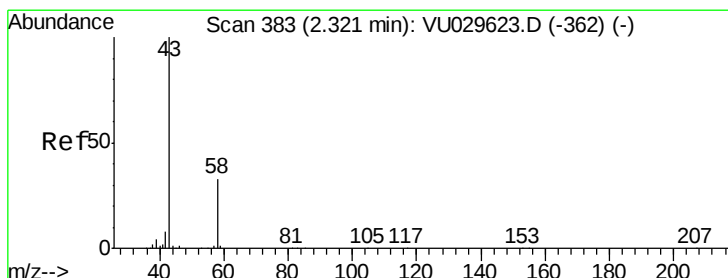
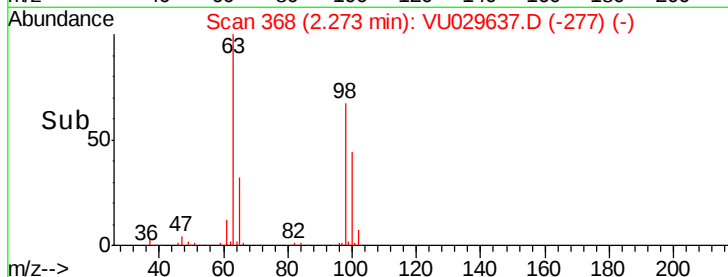
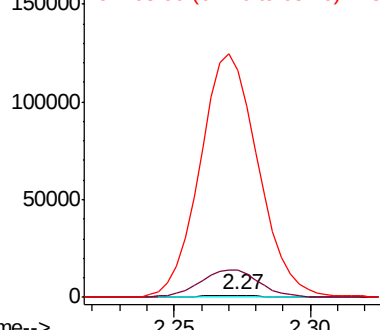
63 10424.4 98.7 183.3#



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0



#13

Acetone

Concen: 0.949 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU029637.D

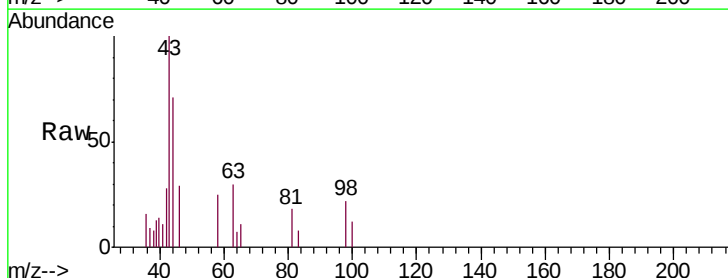
Acq: 22 Feb 2019 22:02

Tgt Ion: 43 Resp: 2101

Ion Ratio Lower Upper

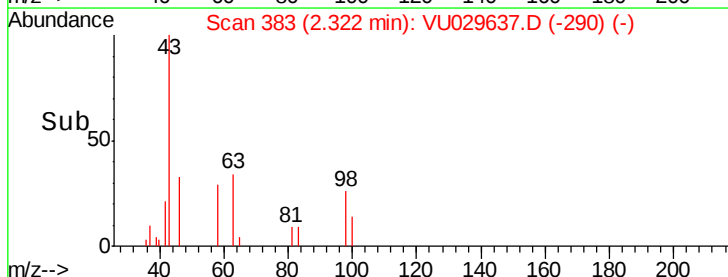
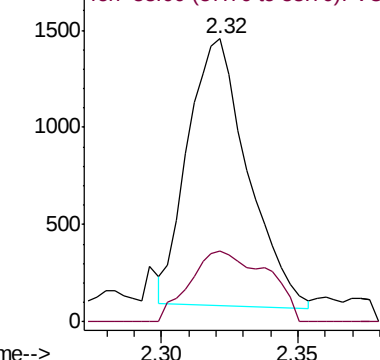
43 100

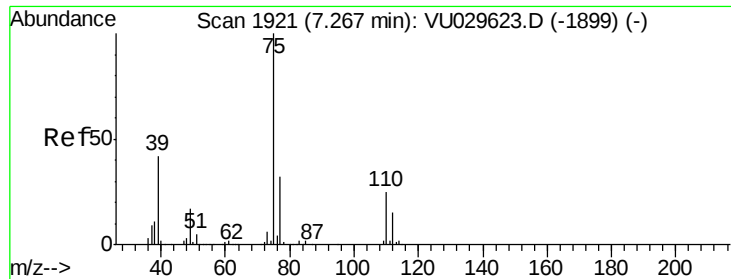
58 26.2 0.0 66.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#39

cis-1,3-Dichloropropene

Concen: 0.824 ug/L

RT: 7.22 min Scan# 1908

Delta R.T. -0.04 min

Lab File: VU029637.D

Acq: 22 Feb 2019 22:02

Instrument :

MSVOA_U

ClientSampleId :

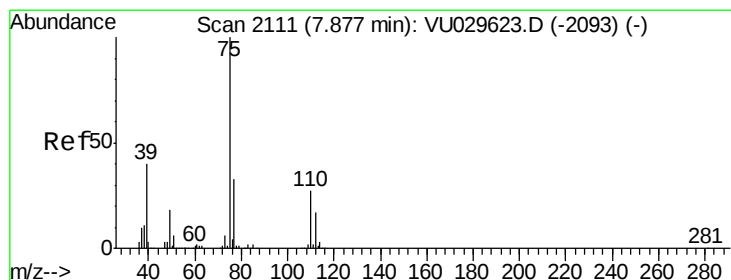
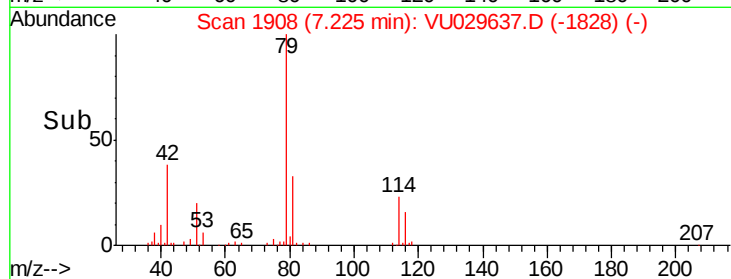
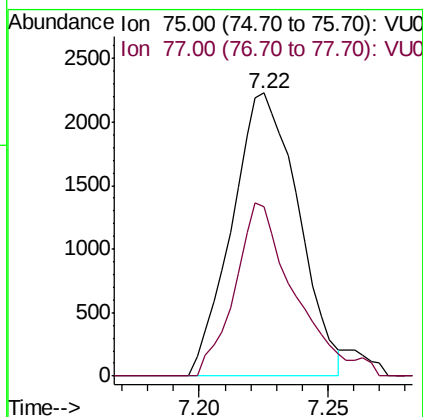
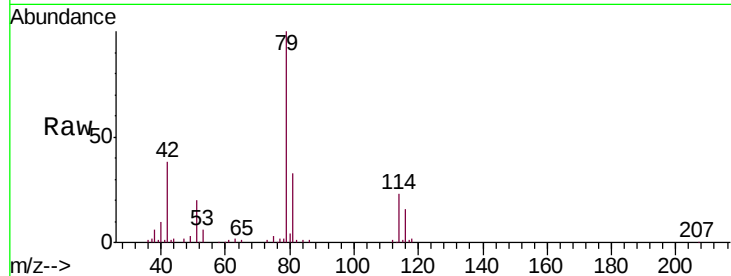
DB624

Tgt Ion: 75 Resp: 4005

Ion Ratio Lower Upper

75 100

77 60.0 22.3 41.5#



#44

trans-1,3-Dichloropropene

Concen: 0.661 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU029637.D

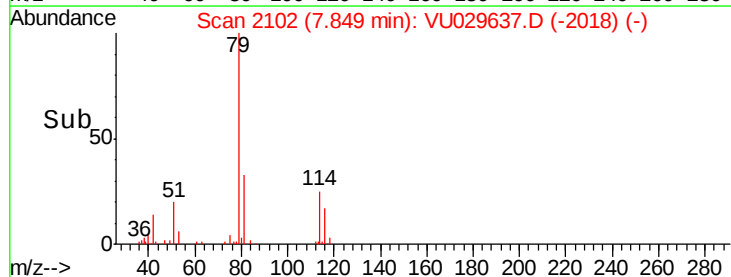
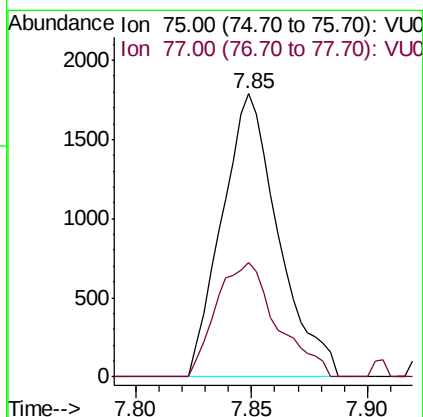
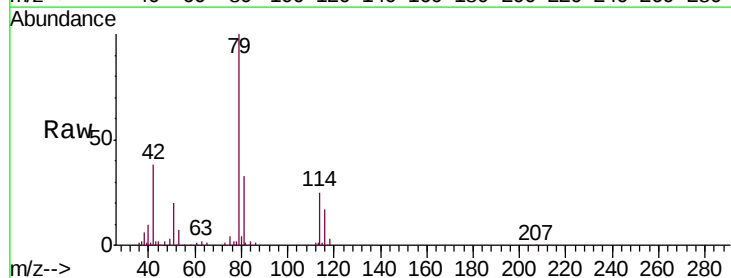
Acq: 22 Feb 2019 22:02

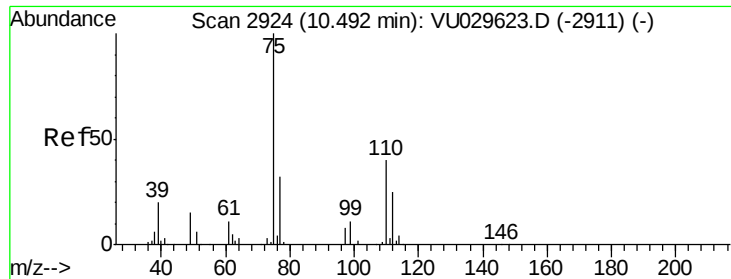
Tgt Ion: 75 Resp: 3028

Ion Ratio Lower Upper

75 100

77 40.4 22.1 41.1





#59

1,2,3-Trichloropropane

Concen: 5.044 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU029637.D

Acq: 22 Feb 2019 22:02

Instrument :

MSVOA_U

ClientSampleId :

DB624

Tgt Ion: 75 Resp: 21653

Ion Ratio Lower Upper

75 100

77 37.5 25.7 38.5

