

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021219\
 Data File : VU029429.D
 Acq On : 12 Feb 2019 18:55
 Operator : JC/SP
 Sample : K1436-17
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ESXB0

Quant Time: Feb 13 13:52:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Feb 13 03:26:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	205392	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	190938	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	102200	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	70640	5.12	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.40%
7) Chloroethane-d5	1.68	69	61005	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.00%
11) 1,1-Dichloroethene-d2	2.27	63	114576	3.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.40%
20) 2-Butanone-d5	4.19	46	147403	51.37	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.74%
24) Chloroform-d	4.65	84	117284	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.00%
26) 1,2-Dichloroethane-d4	5.31	65	58957	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
32) Benzene-d6	5.34	84	245698	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.00%
36) 1,2-Dichloropropane-d6	6.33	67	72744	5.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.20%
41) Toluene-d8	7.56	98	241122	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.40%
43) trans-1,3-Dichloropropene-	7.85	79	26343	4.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.00%
46) 2-Hexanone-d5	8.31	63	145245	52.06	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.12%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	59283	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	101755	5.40	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.00%

Target Compounds

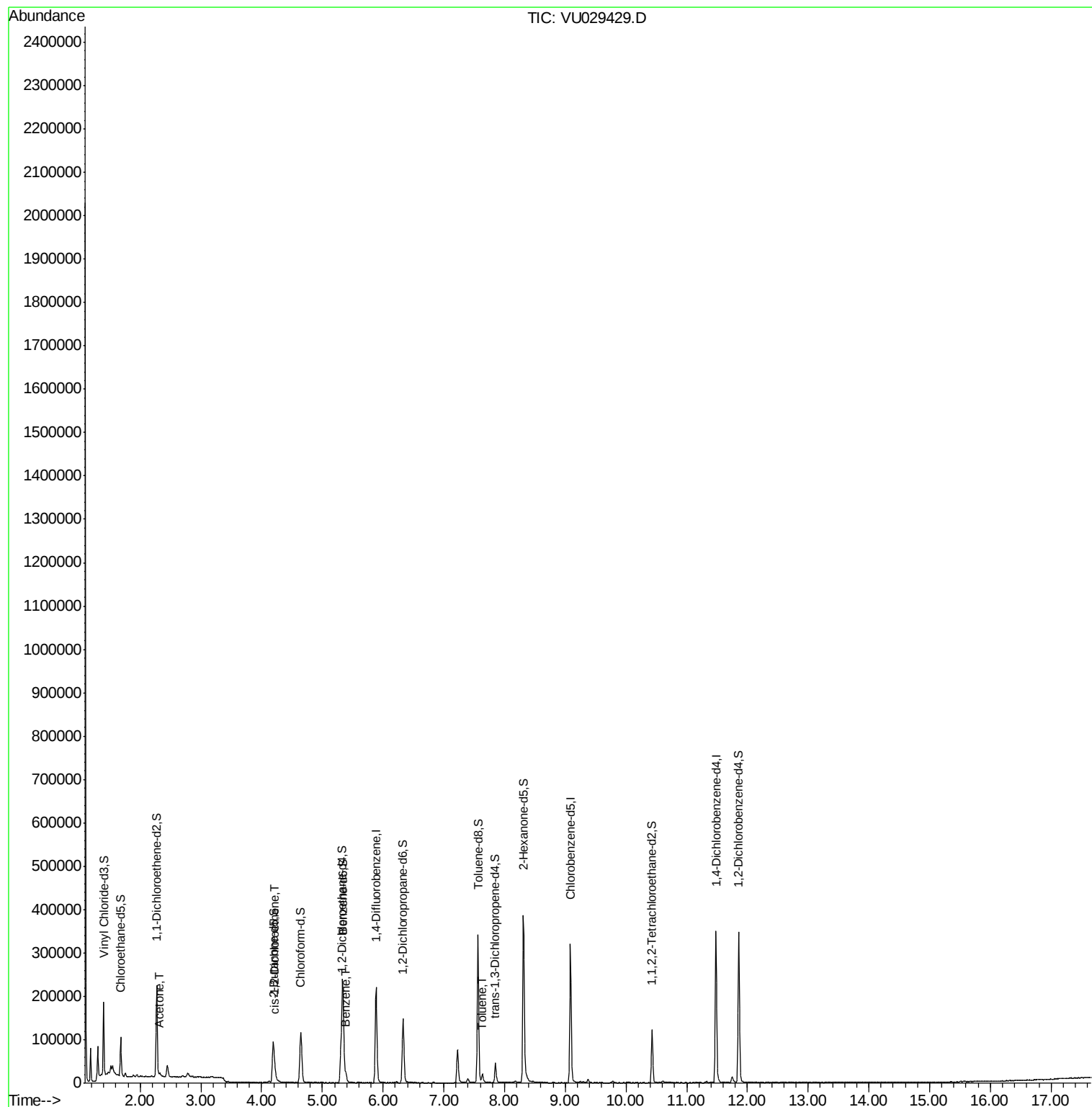
					Ovalue
13) Acetone	2.32	43	7969	3.057 ug/L	89
22) cis-1,2-Dichloroethene	4.22	96	3448	0.208 ug/L	95
33) Benzene	5.39	78	21609	0.384 ug/L	100
42) Toluene	7.64	91	14067	0.223 ug/L	99

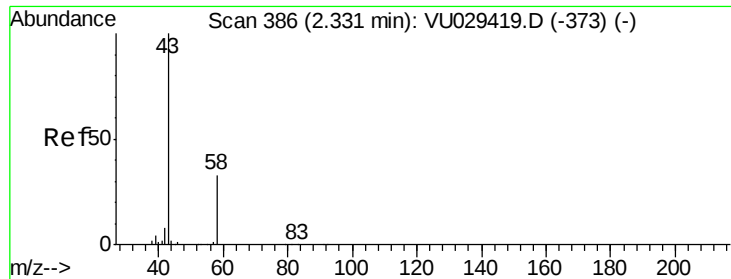
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.057 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.01 min

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Acq: 12 Feb 2019 18:55

Instrument :

MSVOA_U

ClientSampleId :

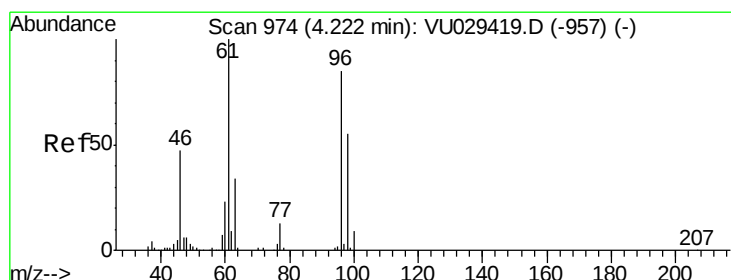
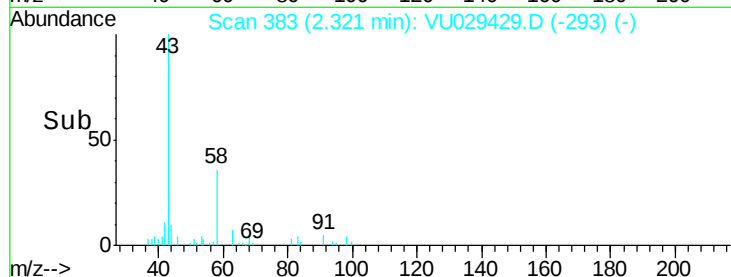
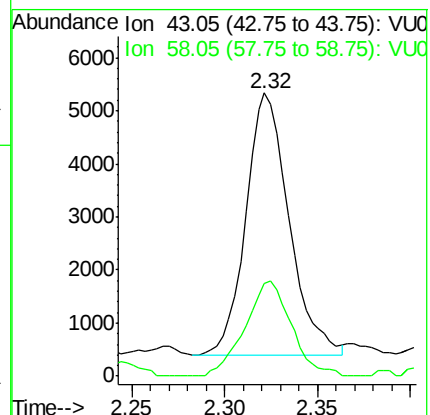
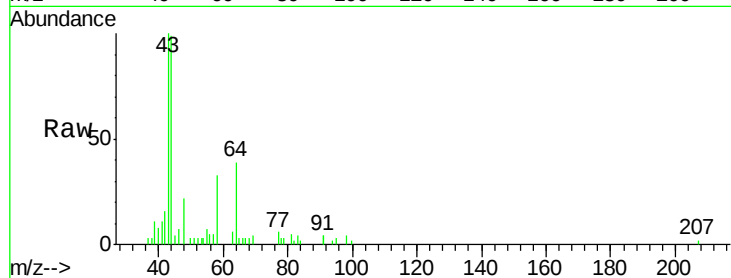
ESXB0

Tot Ion: 43 Resp: 7969

Ion Ratio Lower Upper

43 100

58 38.9 0.0 65.0



#22

cis-1,2-Dichloroethene

Concen: 0.208 ug/L

RT: 4.22 min Scan# 974

Delta R.T. -0.00 min

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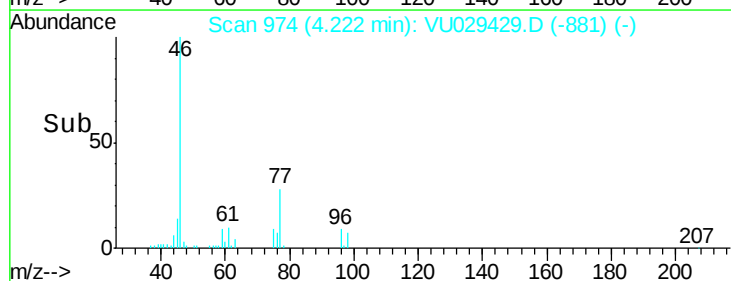
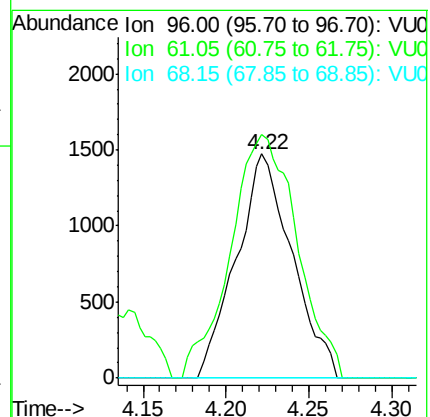
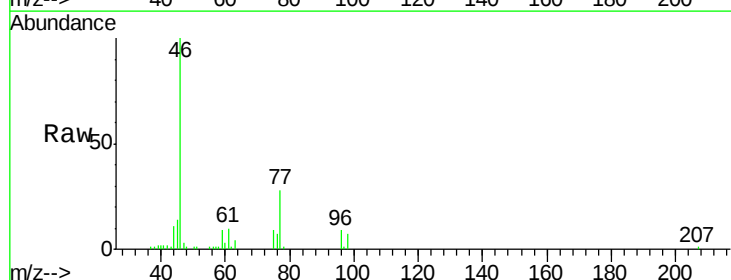
Tgt Ion: 96 Resp: 3448

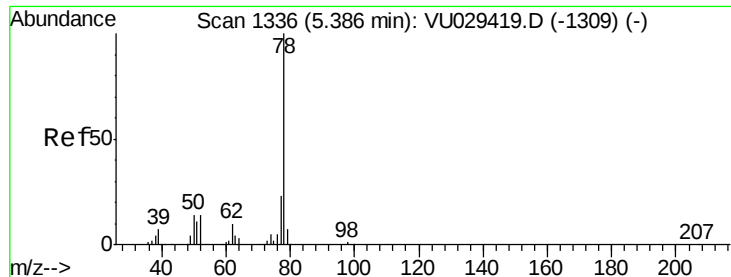
Ion Ratio Lower Upper

96 100

61 108.5 79.9 148.5

68 0.0 0.0 0.0





#33

Benzene

Concen: 0.384 ug/L

RT: 5.39 min Scan# 1336

Delta R.T. -0.00 min

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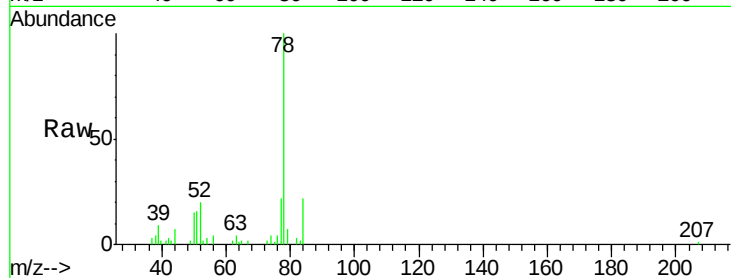
Instrument :

MSVOA_U

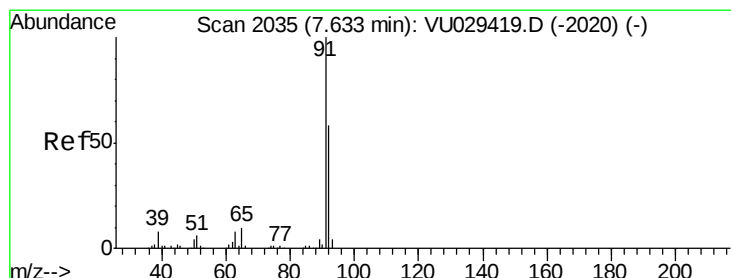
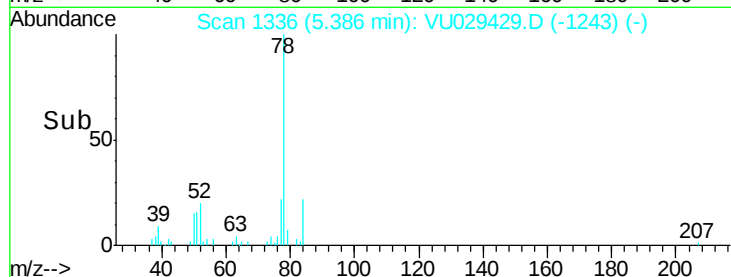
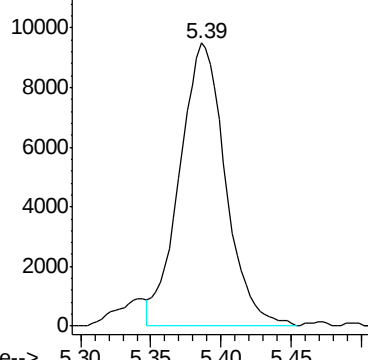
ClientSampleId :

ESXB0

Tgt Ion: 78 Resp: 21609



Abundance Ion 78.10 (77.80 to 78.80): VU0



#42

Toluene

Concen: 0.223 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. 0.01 min

Lab File: VU029429.D

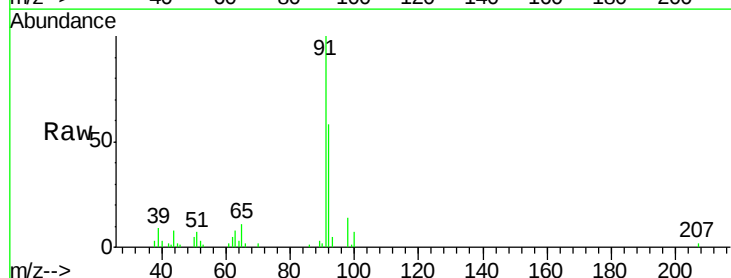
Acq: 12 Feb 2019 18:55

Tgt Ion: 91 Resp: 14067

Ion Ratio Lower Upper

91 100

92 57.8 39.8 73.8



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0

