

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU021419\
 Data File : VU029464.D
 Acq On : 14 Feb 2019 18:44
 Operator : JC/SP
 Sample : K1436-19
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ESXB2

Manual Integrations
 APPROVED

mohammad
 2/20/2019 8:06:17 AM

Quant Time: Feb 20 02:39:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Feb 15 01:55:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	191146	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	174797	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	92243	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	50472	3.93	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.60%
7) Chloroethane-d5	1.68	69	50031	4.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.20%
11) 1,1-Dichloroethene-d2	2.27	63	82304	2.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.00%#
20) 2-Butanone-d5	4.20	46	119912	44.91	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.82%
24) Chloroform-d	4.65	84	72388	3.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.00%
26) 1,2-Dichloroethane-d4	5.31	65	47030	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.40%
32) Benzene-d6	5.34	84	194941	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
36) 1,2-Dichloropropane-d6	6.33	67	59992	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.60%
41) Toluene-d8	7.56	98	184632	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
43) trans-1,3-Dichloropropene-	7.85	79	22356	4.03	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.60%
46) 2-Hexanone-d5	8.31	63	126958	49.70	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.40%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	50255	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	81874	4.81	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.20%

Target Compounds

					Ovalue
13) Acetone	2.33	43	39939	16.464 ug/L	96
21) 2-Butanone	4.29	43	6894m	2.300 ug/L	
25) Chloroform	4.67	83	22141	0.876 ug/L	99
33) Benzene	5.39	78	55084	1.071 ug/L	100
42) Toluene	7.64	91	52665	0.912 ug/L	97

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

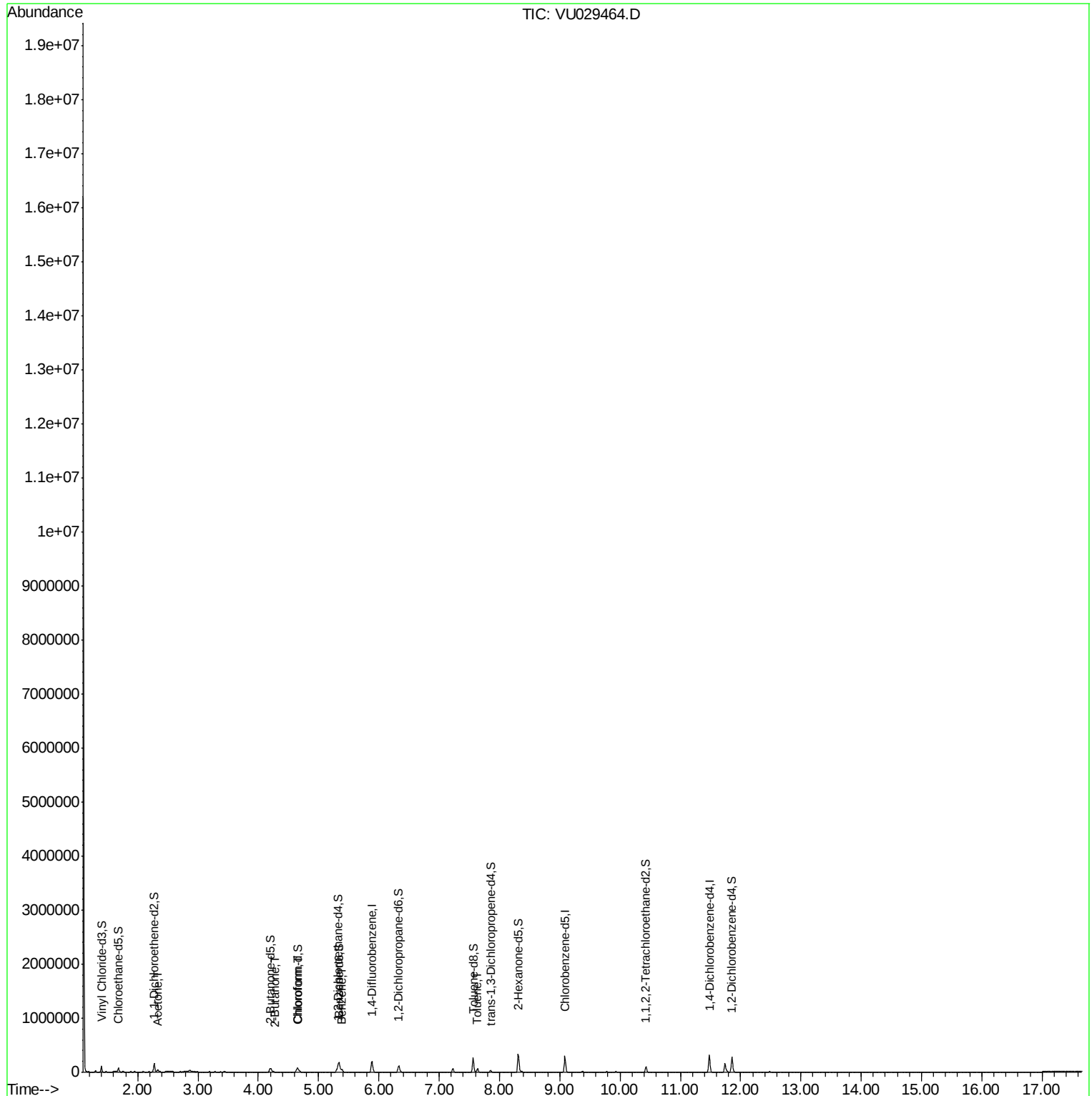
Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU021419\
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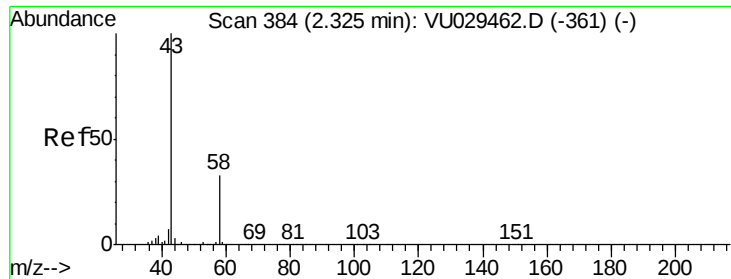
Instrument :
MSVOA_U
ClientSampleId :
ESXB2

Quant Time: Feb 20 02:39:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
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#13

Acetone

Concen: 16.464 ug/L

RT: 2.33 min Scan# 387

Delta R.T. 0.01 min

Lab File: VU029464.D

Acq: 14 Feb 2019 18:44

Instrument :

MSVOA_U

ClientSampled :

ESXB2

Tot Ion: 43 Resp: 39939

Ion Ratio Lower Upper

43 100

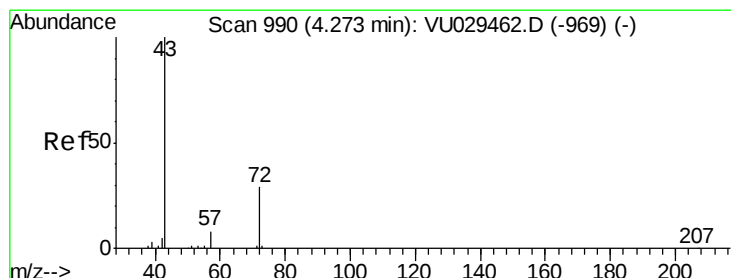
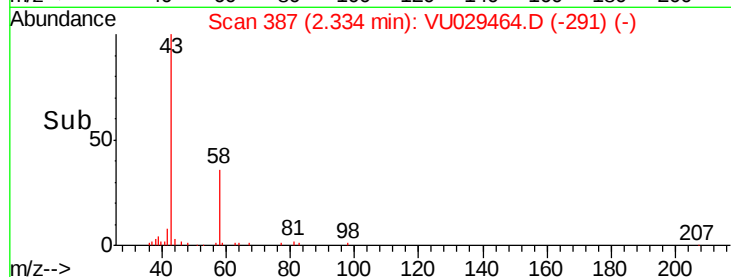
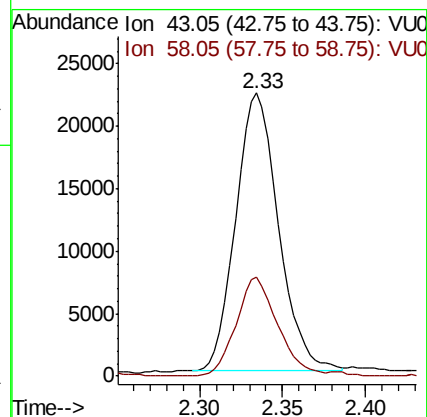
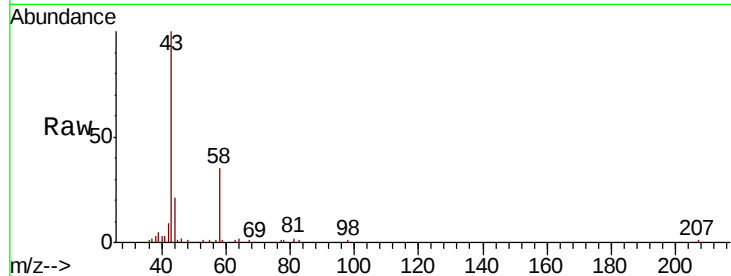
58 34.6 0.0 65.0

Manual Integrations

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#21

2-Butanone

Concen: 2.300 ug/L m

RT: 4.29 min Scan# 995

Delta R.T. 0.02 min

Lab File: VU029464.D

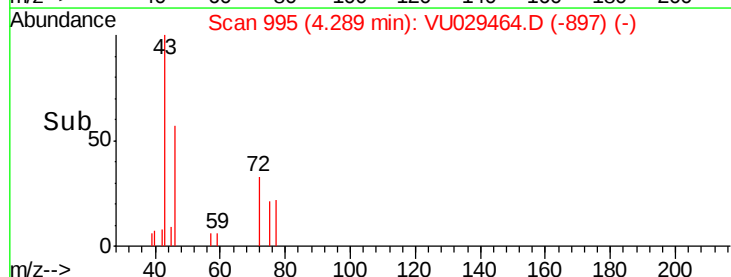
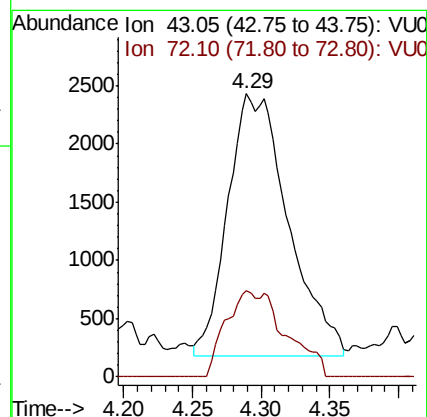
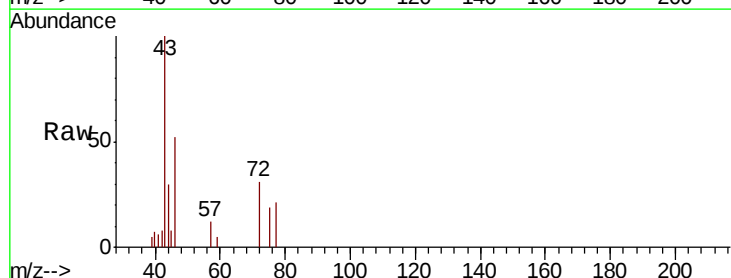
Acq: 14 Feb 2019 18:44

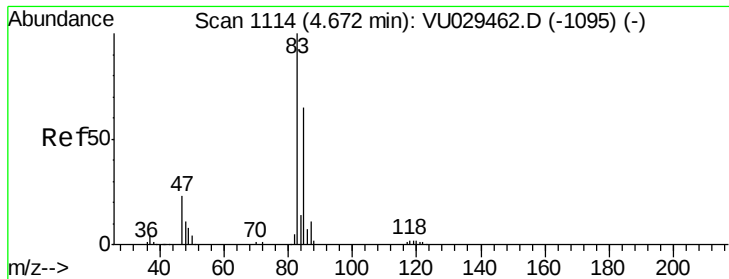
Tgt Ion: 43 Resp: 6894

Ion Ratio Lower Upper

43 100

72 32.3 14.7 44.1





#25

Chloroform

Concen: 0.876 ug/L

RT: 4.67 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VU029464.D

Acq: 14 Feb 2019 18:44

Instrument :

MSVOA_U

ClientSampled :

ESXB2

Tot Ion: 83 Resp: 22141

Ion Ratio Lower Upper

83 100

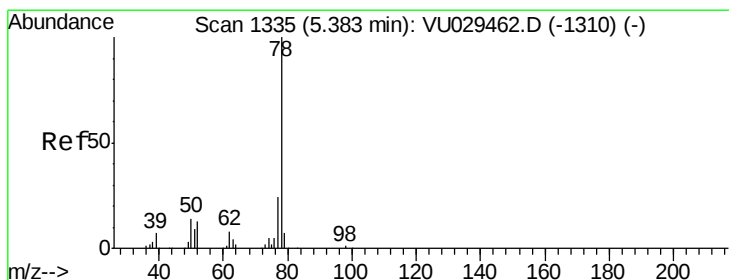
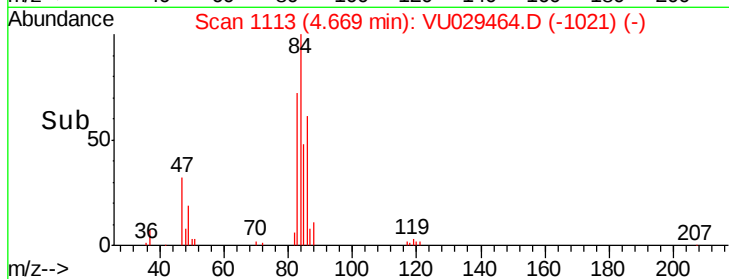
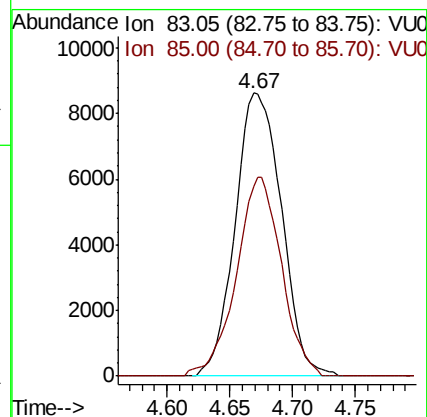
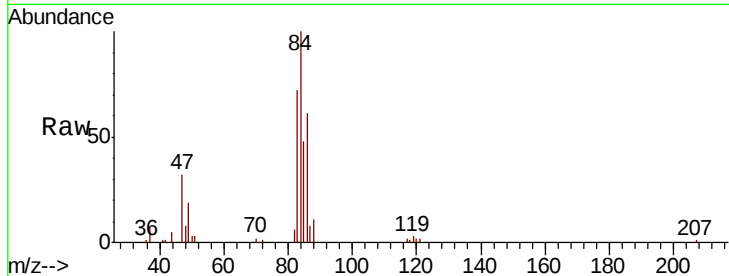
85 67.2 47.8 88.8

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#33

Benzene

Concen: 1.071 ug/L

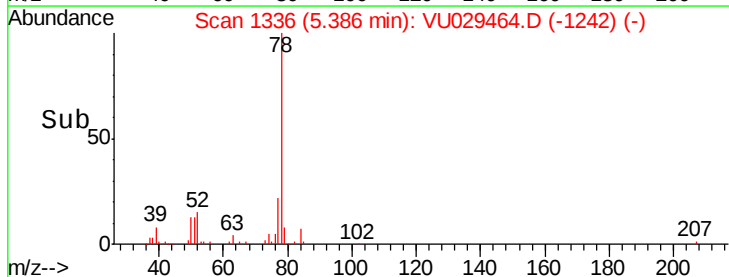
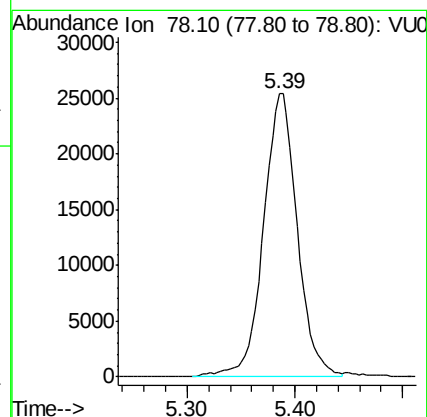
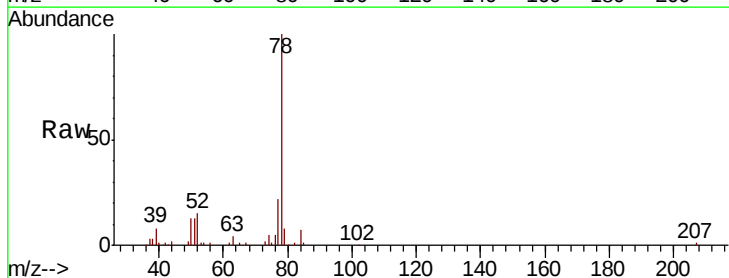
RT: 5.39 min Scan# 1336

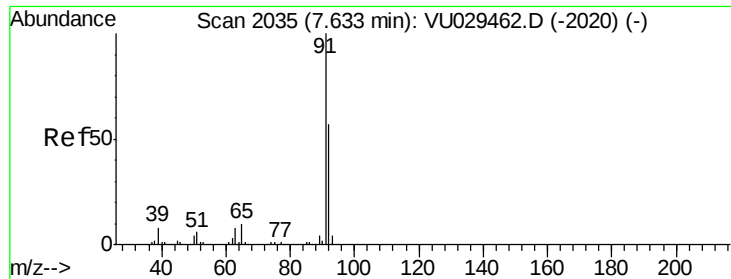
Delta R.T. 0.00 min

Lab File: VU029464.D

Acq: 14 Feb 2019 18:44

Tgt Ion: 78 Resp: 55084





#42

Toluene

Concen: 0.912 ug/L

RT: 7.64 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VU029464.D

Acq: 14 Feb 2019 18:44

Instrument :
MSVOA_U
ClientSampleId :
ESXB2

Tot Ion: 91 Resp: 52665

Ion Ratio Lower Upper

91 100

92 59.0 39.8 73.8

Manual Integrations
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