

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090518\
 Data File : VU026556.D
 Acq On : 05 Sep 2018 20:52
 Operator : MD/SY
 Sample : J4718-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEGB6

Manual Integrations
 APPROVED

MMDadoda
 9/6/2018 2:21:00 PM

Quant Time: Sep 06 07:49:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 06 05:59:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	161309	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	149619	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	64668	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	44086	44.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.22%
7) Chloroethane-d5	1.68	69	41270	45.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.44%
11) 1,1-Dichloroethene-d2	2.27	63	65411	29.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.12%#
21) 2-Butanone-d5	4.18	46	80559	103.85	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.85%
24) Chloroform-d	4.65	84	86878	46.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.04%
26) 1,2-Dichloroethane-d4	5.31	65	59185	47.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.18%
32) Benzene-d6	5.34	84	168524	48.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.74%
36) 1,2-Dichloropropane-d6	6.33	67	59340	50.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.18%
41) Toluene-d8	7.57	98	146726	44.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.16%
43) trans-1,3-Dichloropropene-	7.85	79	24970	46.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.32%
47) 2-Hexanone-d5	8.31	63	55696	102.51	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.51%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	83369	47.77	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.54%
64) 1,2-Dichlorobenzene-d4	11.86	152	62897	53.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.22%

Target Compounds

						Ovalue
13) Acetone	2.32	43	8477	12.62	ug/L	99
20) cis-1,2-Dichloroethene	4.22	96	3564m	3.05	ug/L	
34) Trichloroethene	6.19	95	2464	2.29	ug/L	94
46) Tetrachloroethene	8.23	164	3687	4.19	ug/L	96

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

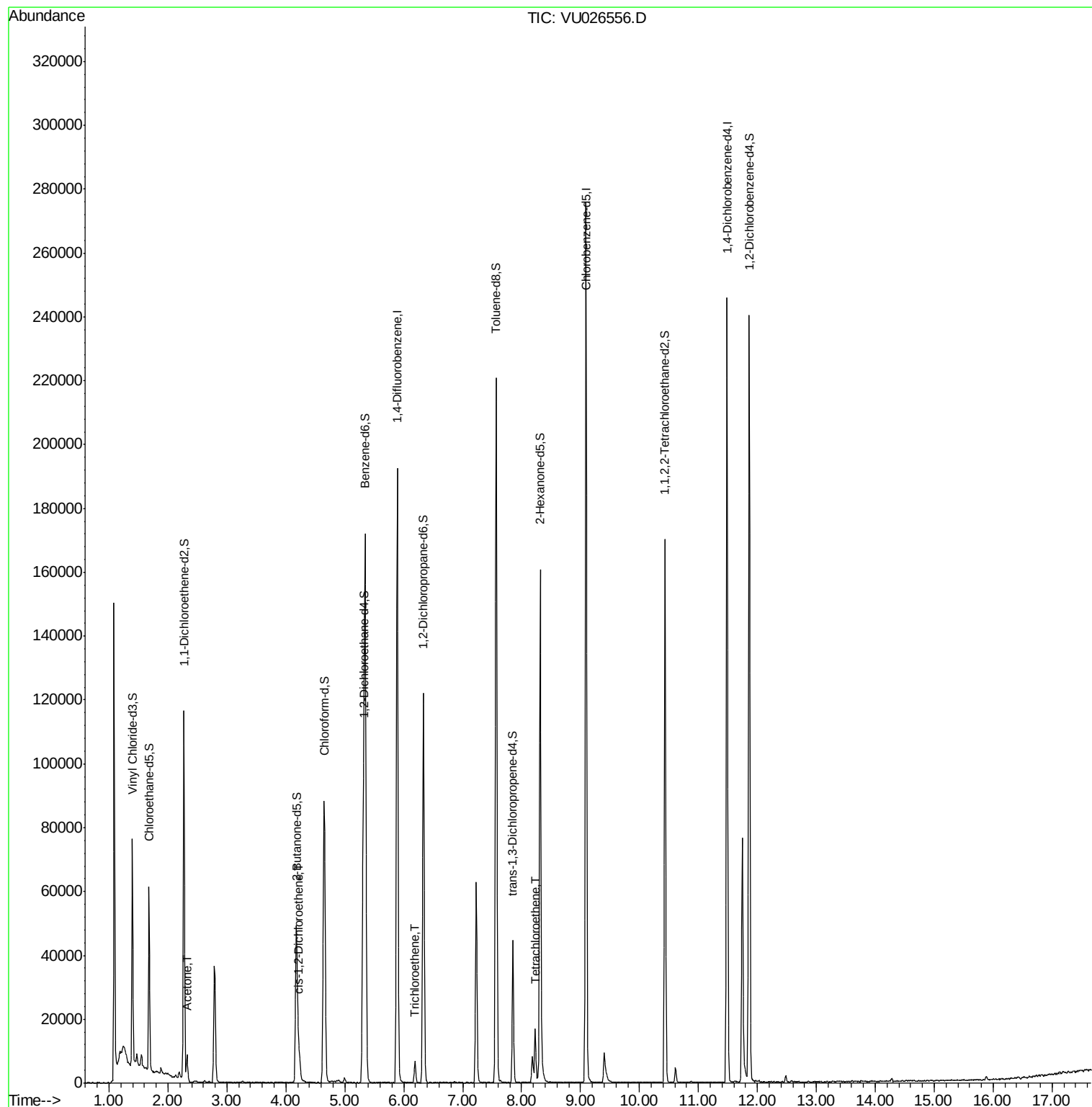
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU090518\
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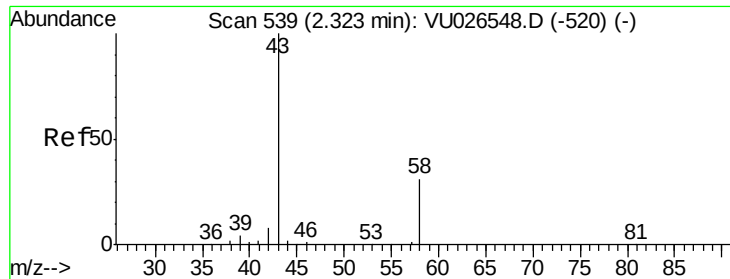
Instrument :
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QLast Update : Thu Sep 06 05:59:28 2018
Response via : Initial Calibration





#13

Acetone

Concen: 12.62 ug/L

RT: 2.32 min Scan# 538

Delta R.T. 0.00 min

Lab File: VU026556.D

Acq: 05 Sep 2018 20:52

Instrument :

MSVOA_U

ClientSampled :

BEGB6

Tot Ion: 43 Resp: 8477

Ion Ratio Lower Upper

43 100

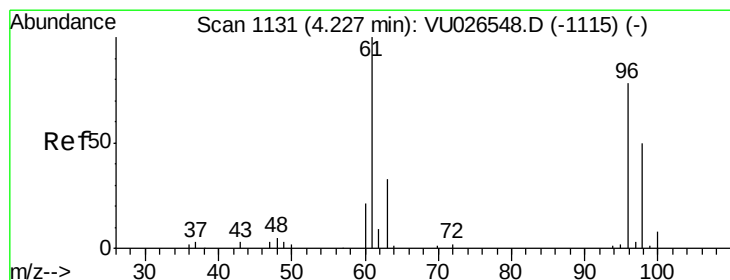
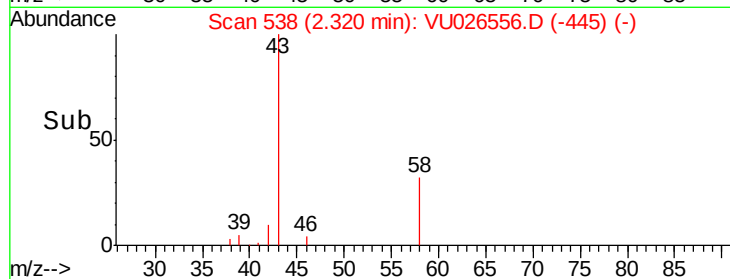
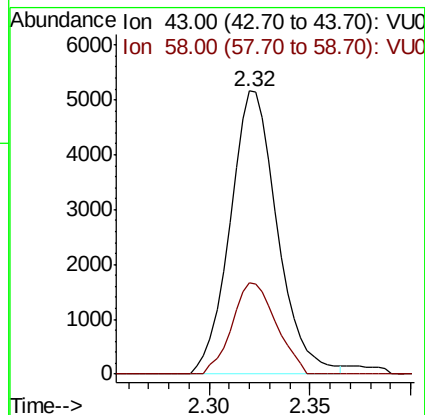
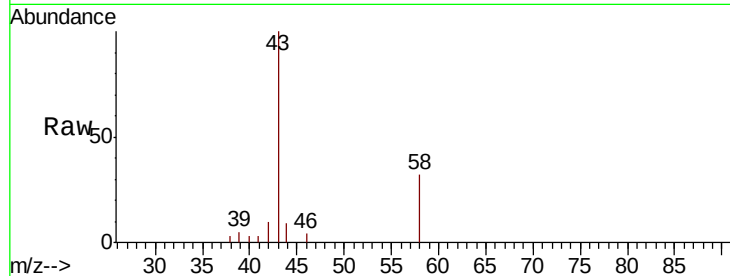
58 30.0 0.0 61.2

Manual Integrations

APPROVED

MMDadoda

9/6/2018 2:21:00 PM



#20

cis-1,2-Dichloroethene

Concen: 3.05 ug/L m

RT: 4.22 min Scan# 1130

Delta R.T. -0.00 min

Lab File: VU026556.D

Acq: 05 Sep 2018 20:52

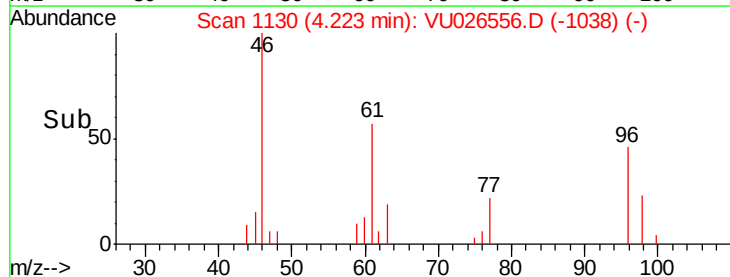
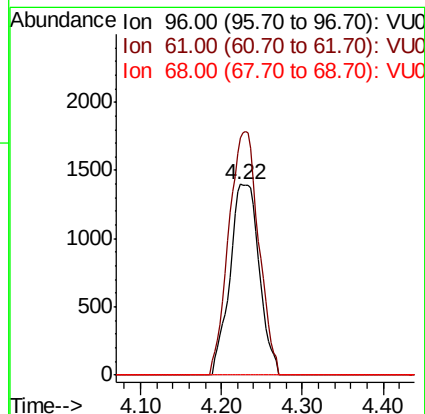
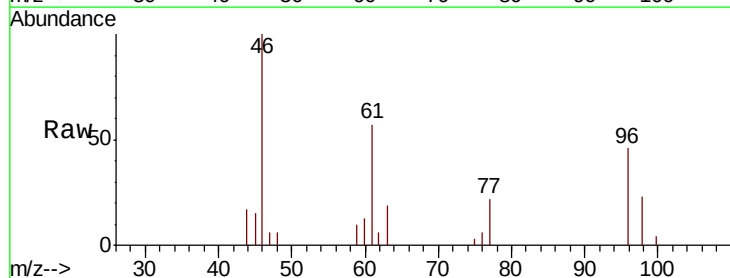
Tgt Ion: 96 Resp: 3564

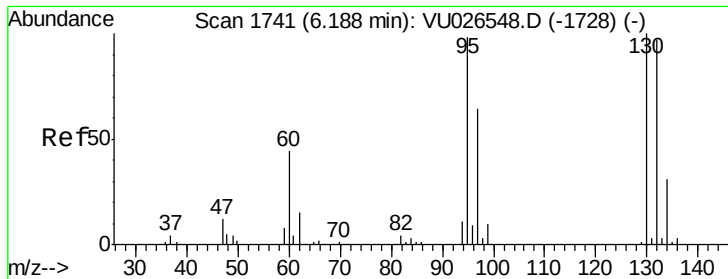
Ion Ratio Lower Upper

96 100

61 124.6 91.6 170.2

68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 2.29 ug/L

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU026556.D

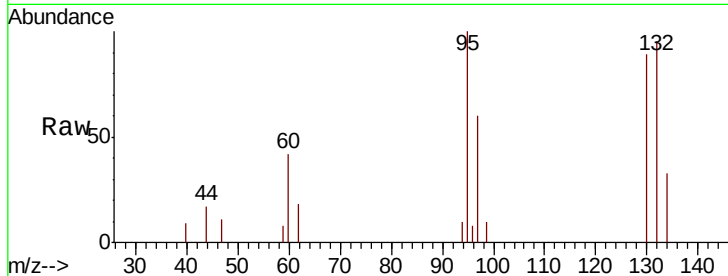
Acq: 05 Sep 2018 20:52

Instrument :

MSVOA_U

ClientSampleId :

BEGB6



Tot Ion: 95 Resp: 2464

Ion Ratio Lower Upper

95 100

97 60.3 45.1 83.7

132 95.4 67.5 125.3

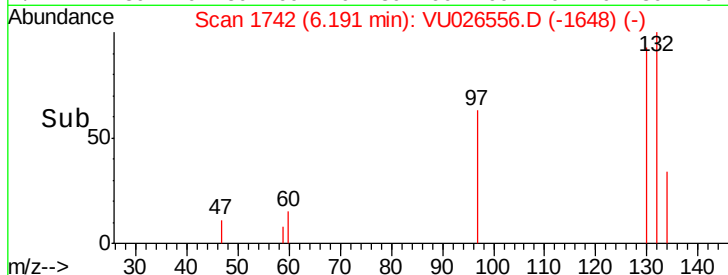
130 89.0 69.3 128.7

Manual Integrations

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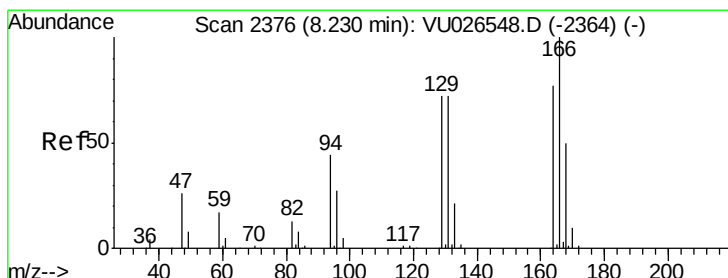
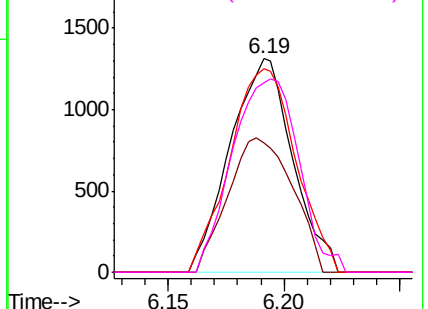


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#46

Tetrachloroethene

Concen: 4.19 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. 0.00 min

Lab File: VU026556.D

Acq: 05 Sep 2018 20:52

Tgt Ion: 164 Resp: 3687

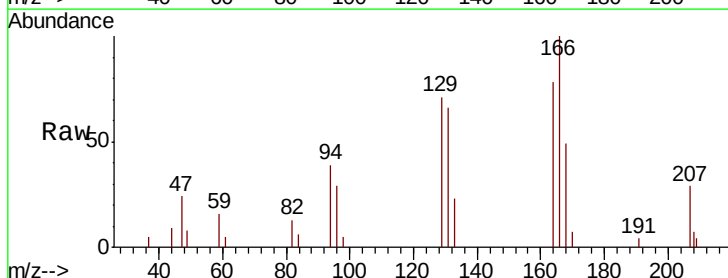
Ion Ratio Lower Upper

164 100

129 91.8 67.3 125.1

131 85.0 65.3 121.3

166 129.0 90.9 168.7



Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

