

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071020\
 Data File : VU039446.D
 Acq On : 10 Jul 2020 21:29
 Operator : SY/MD
 Sample : L3268-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4A64

Quant Time: Jul 11 04:31:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jul 11 02:49:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	92155	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	85869	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	41710	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	20585	3.86	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.20%
7) Chloroethane-d5	1.93	69	27018	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.80%
11) 1,1-Dichloroethene-d2	2.58	63	32117	3.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.20%
20) 2-Butanone-d5	4.65	46	145603	59.58	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.16%
24) Chloroform-d	5.09	84	57507	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
26) 1,2-Dichloroethane-d4	5.72	65	38413	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.60%
32) Benzene-d6	5.75	84	106561	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.00%
36) 1,2-Dichloropropane-d6	6.71	67	39115	5.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.80%
41) Toluene-d8	7.91	98	90296	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
43) trans-1,3-Dichloropropene-	8.19	79	15280	4.76	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.20%
46) 2-Hexanone-d5	8.64	63	104675	55.02	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.04%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	37573	5.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	37637	5.06	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.20%

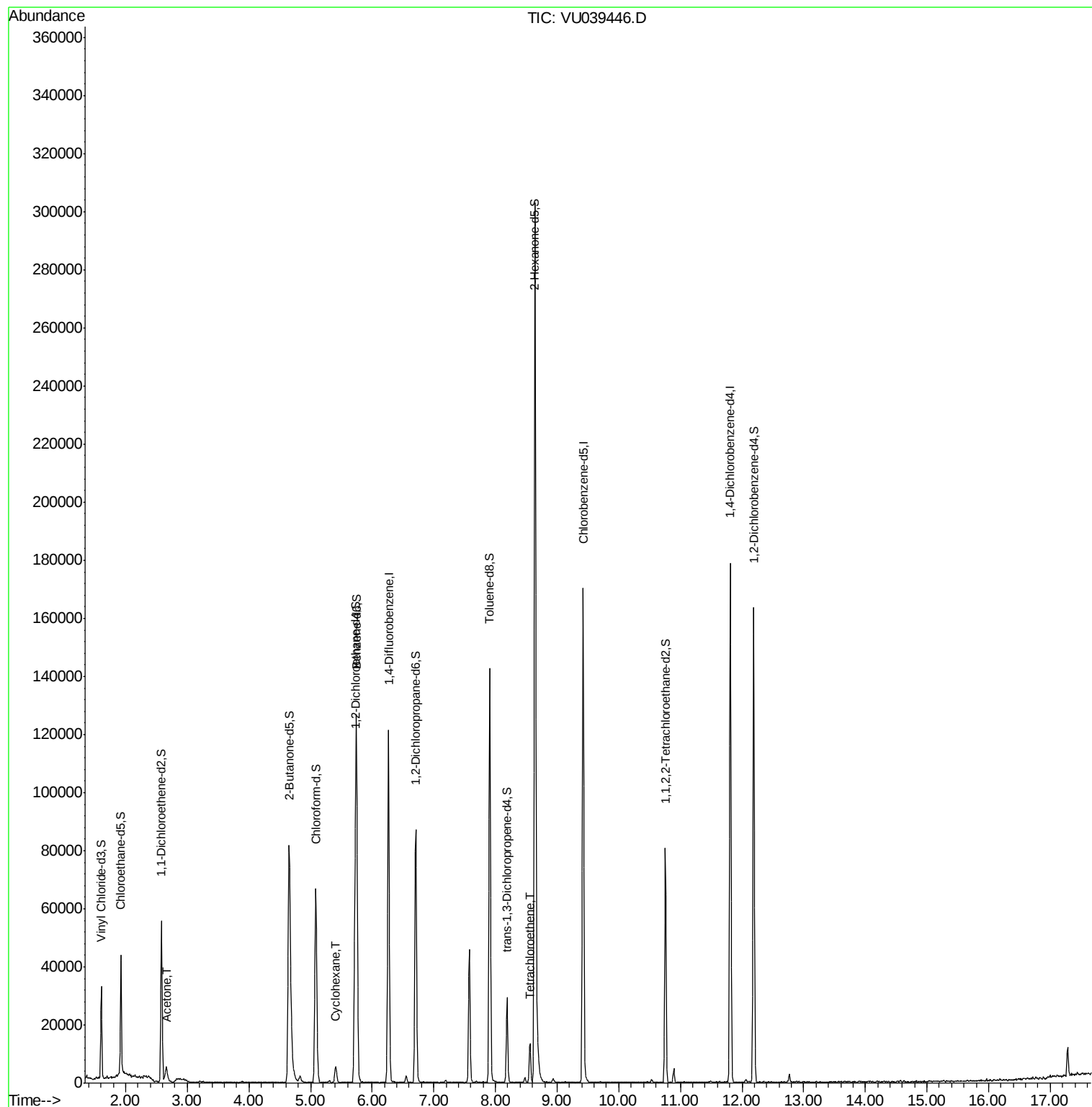
Target Compounds					Ovalue
13) Acetone	2.66	43	8610	6.527 ug/L	97
30) Cyclohexane	5.41	56	3184	0.299 ug/L	98
47) Tetrachloroethene	8.56	164	2614	0.566 ug/L	90

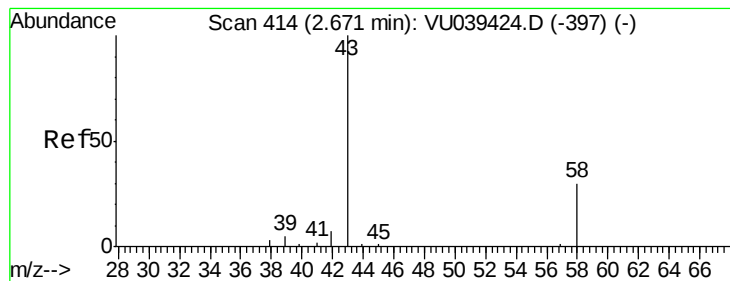
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.527 ug/L

RT: 2.66 min Scan# 411

Delta R.T. -0.01 min

Lab File: VU039446.D

Acq: 10 Jul 2020 21:29

Instrument :

MSVOA_U

ClientSampleId :

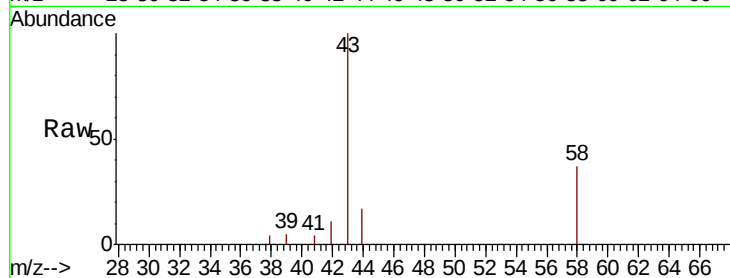
F4A64

Tot Ion: 43 Resp: 8610

Ion Ratio Lower Upper

43 100

58 29.6 0.0 62.8



Abundance Ion 43.05 (42.75 to 43.75): VU039446.D (-321) (-)

Ion 58.05 (57.75 to 58.75): VU039446.D (-321) (-)

2.66

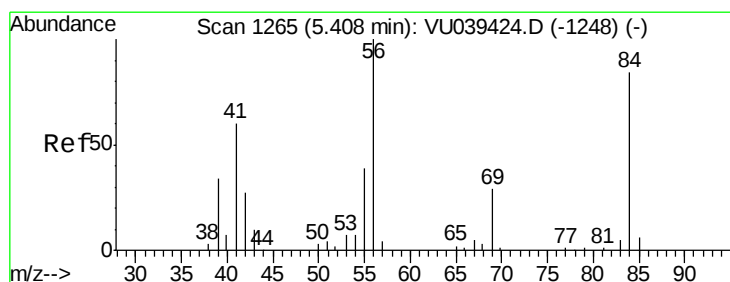
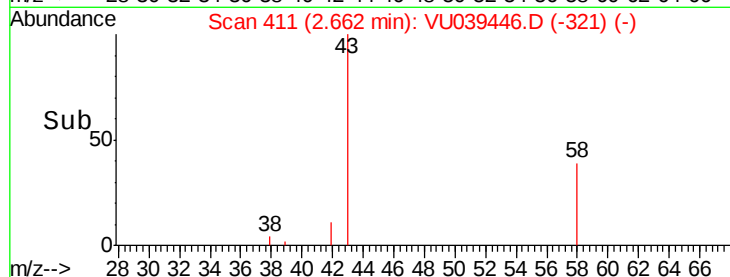
3000

2000

1000

0

Time-->



#30

Cyclohexane

Concen: 0.299 ug/L

RT: 5.41 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VU039446.D

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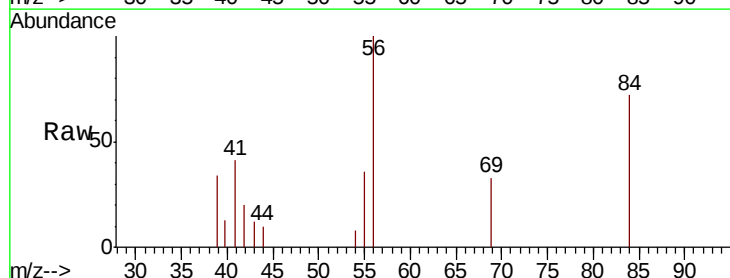
Tgt Ion: 56 Resp: 3184

Ion Ratio Lower Upper

56 100

69 27.6 24.1 36.1

84 83.0 67.0 100.6



Abundance Ion 56.10 (55.80 to 56.80): VU039446.D (-1172) (-)

Ion 69.15 (68.85 to 69.85): VU039446.D (-1172) (-)

Ion 84.15 (83.85 to 84.85): VU039446.D (-1172) (-)

5.41

2000

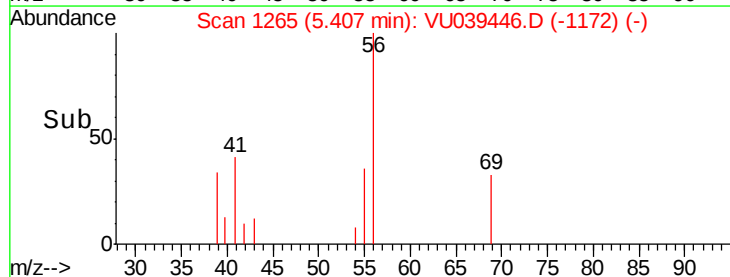
1500

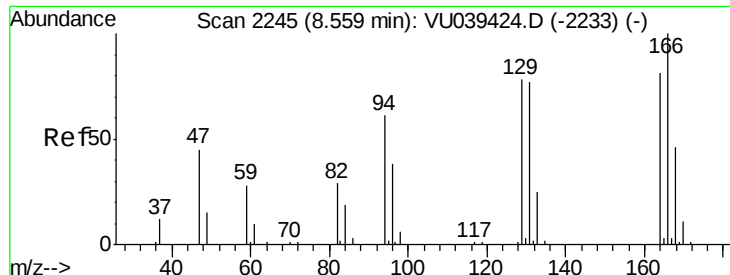
1000

500

0

Time-->





#47

Tetrachloroethene

Concen: 0.566 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. -0.00 min

Lab File: VU039446.D

Acq: 10 Jul 2020 21:29

Instrument :

MSVOA_U

ClientSampleId :

F4A64

Tot Ion:164 Resp: 2614

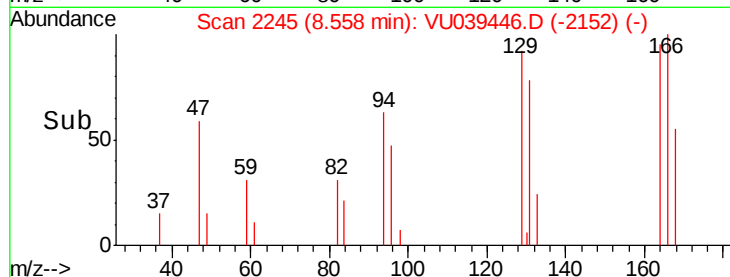
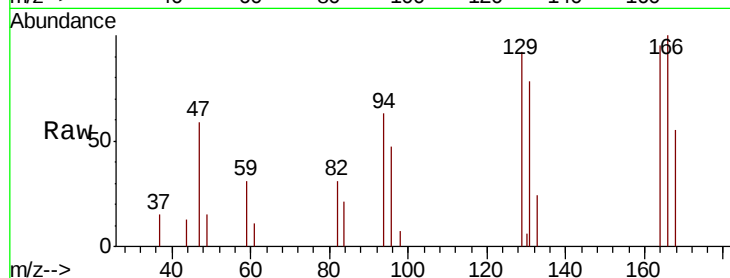
Ion Ratio Lower Upper

164 100

129 96.8 68.6 127.4

131 82.7 66.4 123.4

166 105.5 85.9 159.5



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

