

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU070820\
 Data File : VU039375.D
 Acq On : 09 Jul 2020 03:07
 Operator : SY/MD
 Sample : L3243-19
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4A93

Quant Time: Jul 10 09:26:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 09 05:48:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	101664	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	96364	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	46125	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	28702	4.87	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.40%
7) Chloroethane-d5	1.92	69	32210	5.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.80%
11) 1,1-Dichloroethene-d2	2.58	63	45510	3.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.60%
20) 2-Butanone-d5	4.65	46	157467	58.41	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.82%
24) Chloroform-d	5.09	84	67824	5.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.20%
26) 1,2-Dichloroethane-d4	5.72	65	46130	5.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.20%
32) Benzene-d6	5.75	84	135913	5.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	117.20%
36) 1,2-Dichloropropane-d6	6.71	67	47388	5.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	116.20%
41) Toluene-d8	7.91	98	118236	5.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.60%
43) trans-1,3-Dichloropropene-	8.19	79	17832	4.95	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.00%
46) 2-Hexanone-d5	8.64	63	116074	54.37	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.74%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	44602	5.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	48021	5.83	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.60%

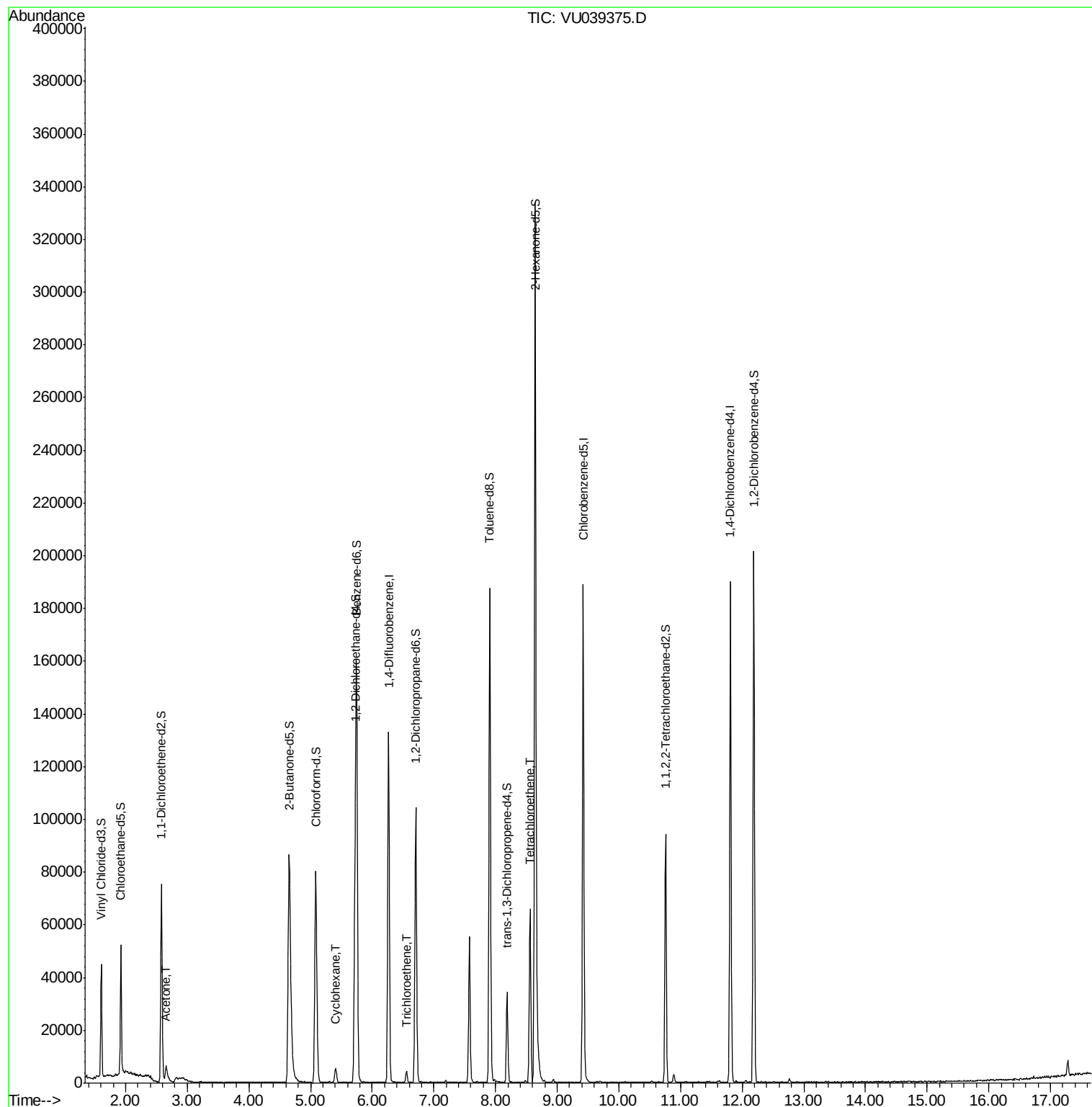
Target Compounds					Qvalue
13) Acetone	2.66	43	10922	7.505 ug/L	93
30) Cyclohexane	5.40	56	2888	0.242 ug/L #	96
34) Trichloroethene	6.56	95	1459	0.196 ug/L	86
47) Tetrachloroethene	8.56	164	13304	2.568 ug/L	96

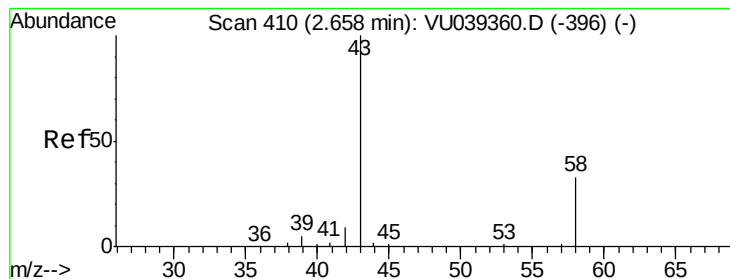
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.505 ug/L

RT: 2.66 min Scan# 409

Delta R.T. -0.00 min

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Acq: 09 Jul 2020 03:07

Instrument :

MSVOA_U

ClientSampleId :

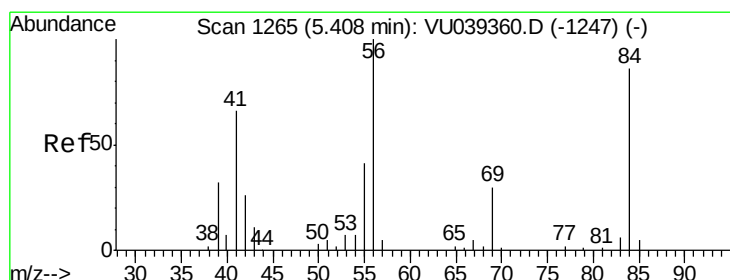
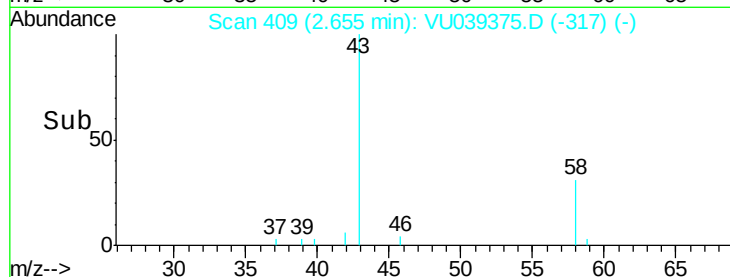
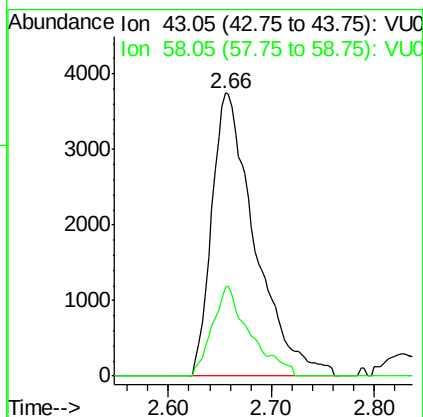
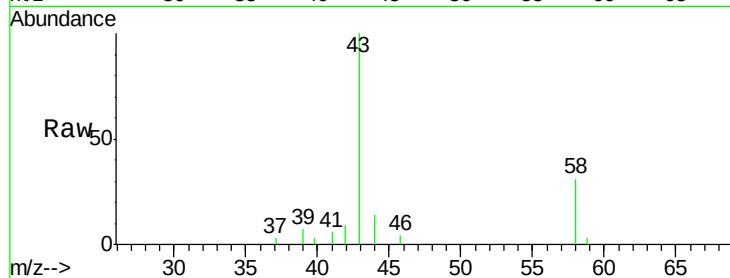
F4A93

Tgt Ion: 43 Resp: 10922

Ion Ratio Lower Upper

43 100

58 27.5 0.0 62.8



#30

Cyclohexane

Concen: 0.242 ug/L

RT: 5.40 min Scan# 1264

Delta R.T. -0.00 min

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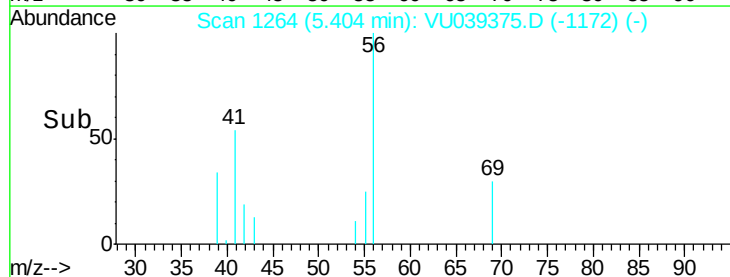
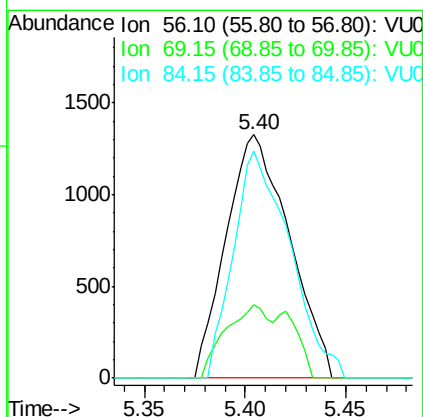
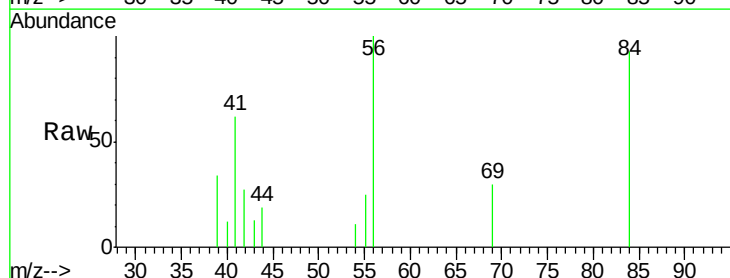
Tgt Ion: 56 Resp: 2888

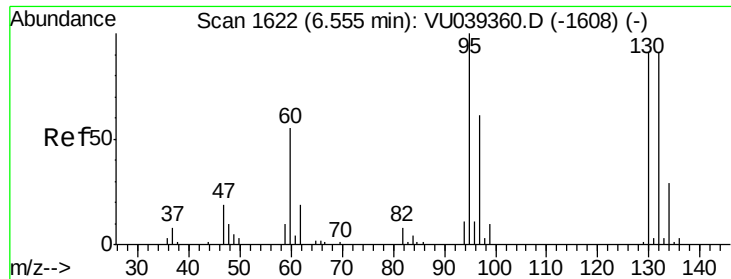
Ion Ratio Lower Upper

56 100

69 21.4 24.1 36.1#

84 84.0 67.0 100.6





#34

Trichloroethene

Concen: 0.196 ug/L

RT: 6.56 min Scan# 1625

Delta R.T. 0.01 min

Lab File: VU039375.D

Acq: 09 Jul 2020 03:07

Instrument :

MSVOA_U

ClientSampleId :

F4A93

Tgt Ion: 95 Resp: 1459

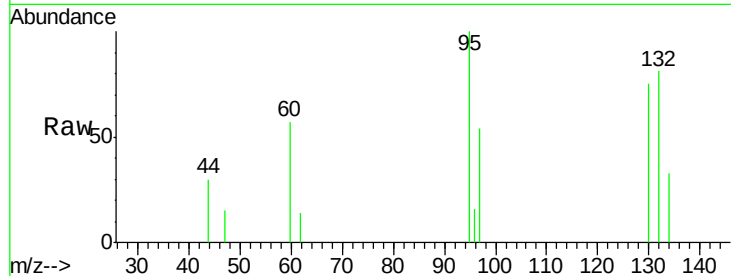
Ion Ratio Lower Upper

95 100

97 54.5 46.3 85.9

132 81.1 64.0 118.8

130 75.2 64.3 119.5

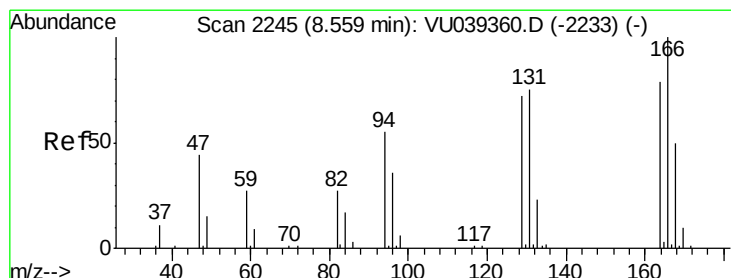
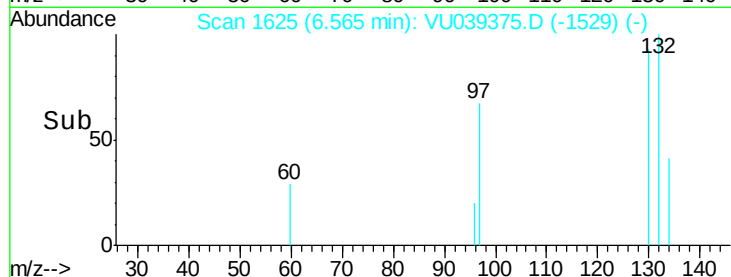
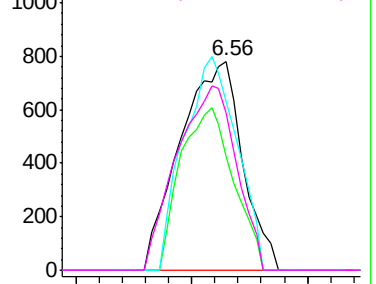


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#47

Tetrachloroethene

Concen: 2.568 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. -0.00 min

Lab File: VU039375.D

Acq: 09 Jul 2020 03:07

Tgt Ion: 164 Resp: 13304

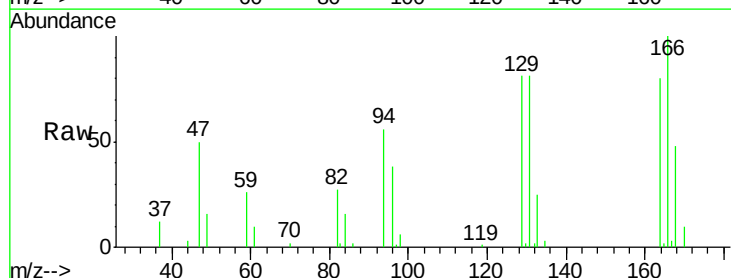
Ion Ratio Lower Upper

164 100

129 101.1 68.6 127.4

131 101.4 66.4 123.4

166 124.8 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

