

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111519\
 Data File : VU035732.D
 Acq On : 15 Nov 2019 17:31
 Operator : JC/SP
 Sample : K5856-15
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAQH2

Quant Time: Nov 16 03:10:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Nov 16 01:36:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	218590	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	252096	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	99410	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	89614	3.98	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.60%
7) Chloroethane-d5	1.93	69	88414	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.00%
11) 1,1-Dichloroethene-d2	2.59	63	119816	3.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.20%
20) 2-Butanone-d5	4.71	46	254826	51.30	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.60%
24) Chloroform-d	5.11	84	165985	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
26) 1,2-Dichloroethane-d4	5.75	65	95320	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
32) Benzene-d6	5.77	84	333594	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.00%
36) 1,2-Dichloropropane-d6	6.74	67	120210	4.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.80%
41) Toluene-d8	7.93	98	270516	3.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.00%
43) trans-1,3-Dichloropropene-	8.21	79	40100	3.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.20%
46) 2-Hexanone-d5	8.68	63	169265	42.15	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.30%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	102271	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.00%
64) 1,2-Dichlorobenzene-d4	12.22	152	99511	5.05	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.00%

Target Compounds

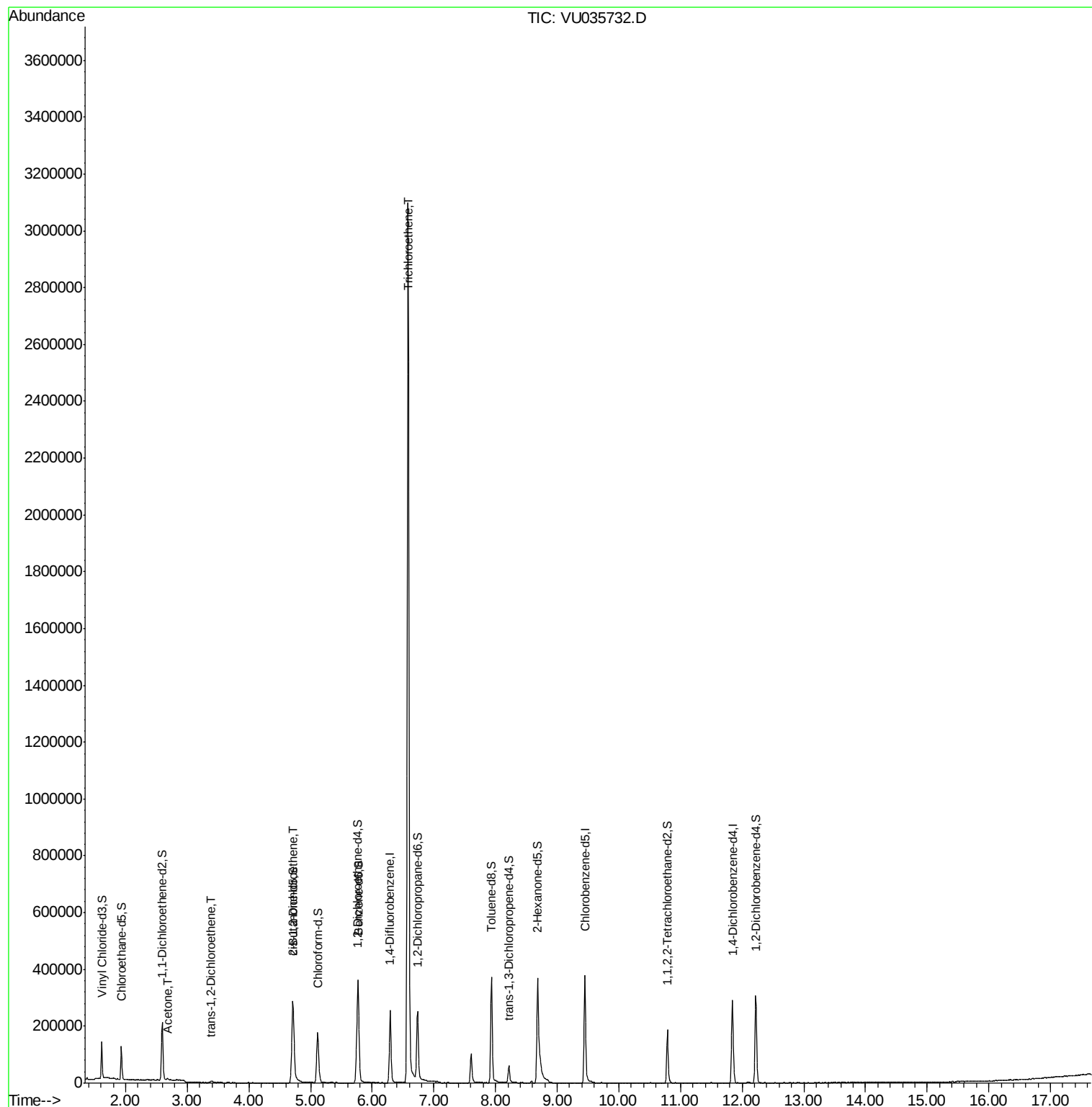
					Ovalue
13) Acetone	2.68	43	7571	2.114 ug/L	95
18) trans-1,2-Dichloroethene	3.39	96	2243	0.113 ug/L	91
22) cis-1,2-Dichloroethene	4.72	96	89408	4.091 ug/L	97
34) Trichloroethene	6.58	95	1084749	47.776 ug/L	99

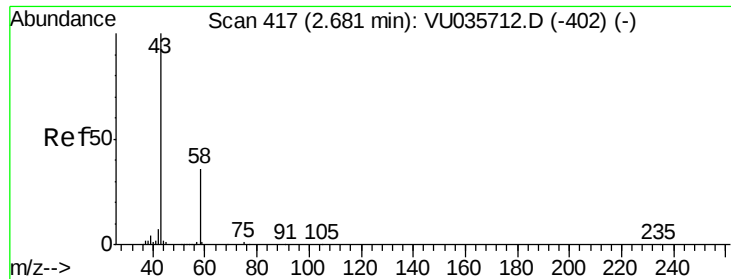
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.114 ug/L

RT: 2.68 min Scan# 416

Delta R.T. -0.00 min

Lab File: VU035732.D

Acq: 15 Nov 2019 17:31

Instrument :

MSVOA_U

ClientSampleId :

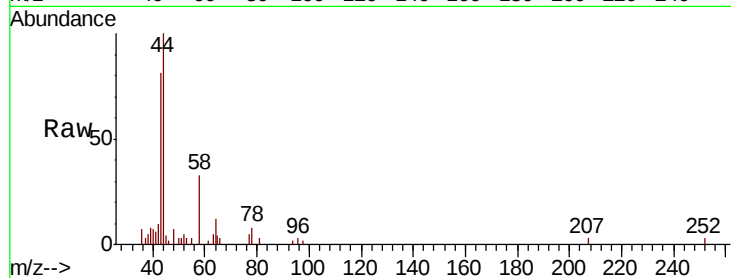
GAQH2

Tot Ion: 43 Resp: 7571

Ion Ratio Lower Upper

43 100

58 37.7 0.0 69.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

2.68

4000

3000

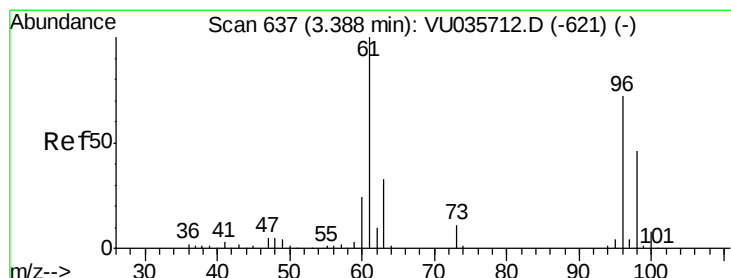
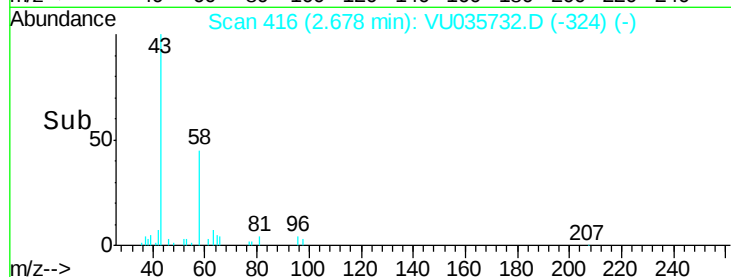
2000

1000

0

Time-->

2.60 2.65 2.70 2.75



#18

trans-1,2-Dichloroethene

Concen: 0.113 ug/L

RT: 3.39 min Scan# 639

Delta R.T. 0.01 min

Lab File: VU035732.D

Acq: 15 Nov 2019 17:31

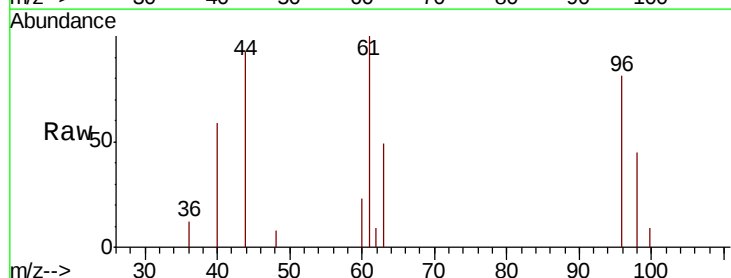
Tgt Ion: 96 Resp: 2243

Ion Ratio Lower Upper

96 100

61 123.8 95.0 176.4

98 56.3 42.5 78.9



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 97.95 (97.65 to 98.65): VU0

1500

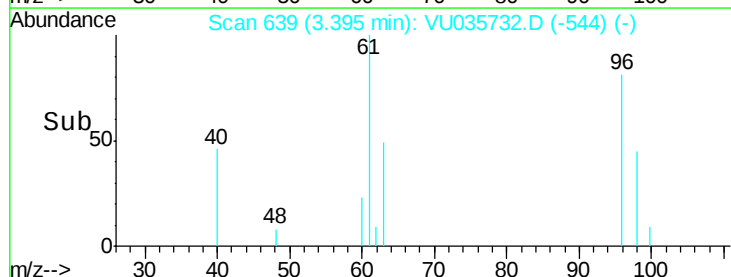
1000

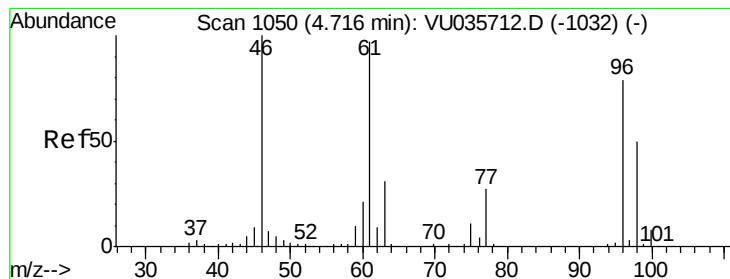
500

0

Time-->

3.35 3.40 3.45





#22

cis-1,2-Dichloroethene

Concen: 4.091 ug/L

RT: 4.72 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VU035732.D

Acq: 15 Nov 2019 17:31

Instrument :

MSVOA_U

ClientSampleId :

GAQH2

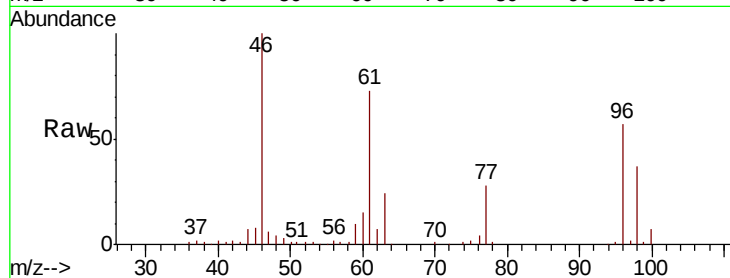
Tot Ion: 96 Resp: 89408

Ion Ratio Lower Upper

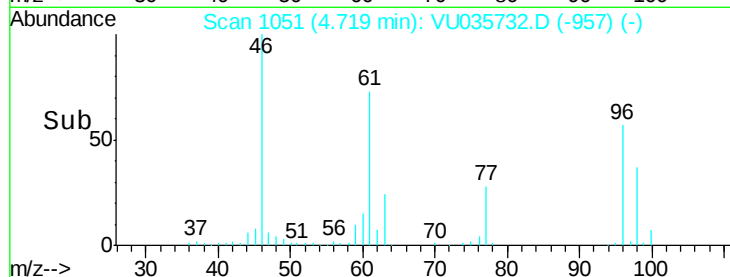
96 100

61 127.5 87.0 161.6

68 0.0 0.0 0.0



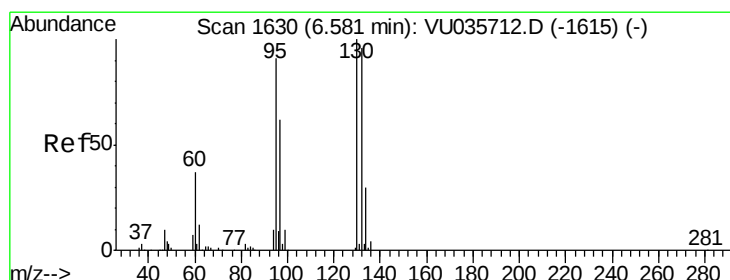
Abundance Ion 96.00 (95.70 to 96.70): VU035732.D (-957) (-)



Ion 61.05 (60.75 to 61.75): VU035732.D (-957) (-)

Ion 68.15 (67.85 to 68.85): VU035732.D (-957) (-)

Time-->



#34

Trichloroethene

Concen: 47.776 ug/L

RT: 6.58 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VU035732.D

Acq: 15 Nov 2019 17:31

Tgt Ion: 95 Resp: 1084749

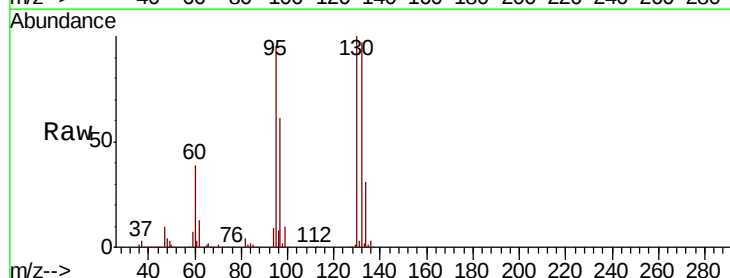
Ion Ratio Lower Upper

95 100

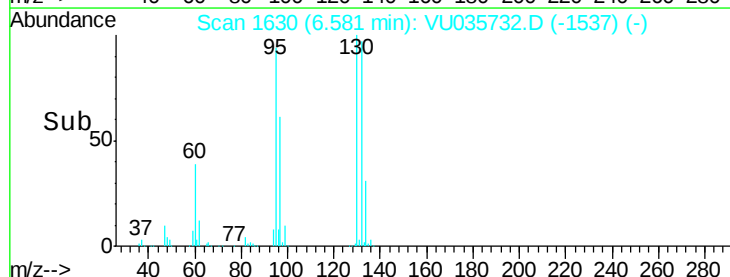
97 64.7 44.5 82.7

132 102.1 69.9 129.7

130 105.8 74.1 137.7



Abundance Ion 95.00 (94.70 to 95.70): VU035732.D (-1537) (-)



Ion 96.95 (96.65 to 97.65): VU035732.D (-1537) (-)

Ion 131.95 (131.65 to 132.65): VU035732.D (-1537) (-)

Ion 129.95 (129.65 to 130.65): VU035732.D (-1537) (-)

Time-->