

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111819\
 Data File : VU035752.D
 Acq On : 18 Nov 2019 18:48
 Operator : JC/SP
 Sample : K5910-15
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAQJ8

Quant Time: Nov 19 09:14:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 19 00:32:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	191554	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	218284	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	74377	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	83218	4.22	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.40%
7) Chloroethane-d5	1.93	69	81047	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.40%
11) 1,1-Dichloroethene-d2	2.59	63	112584	3.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.80%
20) 2-Butanone-d5	4.70	46	212904	48.91	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.82%
24) Chloroform-d	5.11	84	154236	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.75	65	84962	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.00%
32) Benzene-d6	5.77	84	305137	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
36) 1,2-Dichloropropane-d6	6.74	67	108729	4.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.00%
41) Toluene-d8	7.93	98	253286	3.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.80%
43) trans-1,3-Dichloropropene-	8.22	79	36409	4.10	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.00%
46) 2-Hexanone-d5	8.71	63	151862	43.67	ug/L	0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.34%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	92217	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.00%
64) 1,2-Dichlorobenzene-d4	12.22	152	73279	4.97	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.40%

Target Compounds

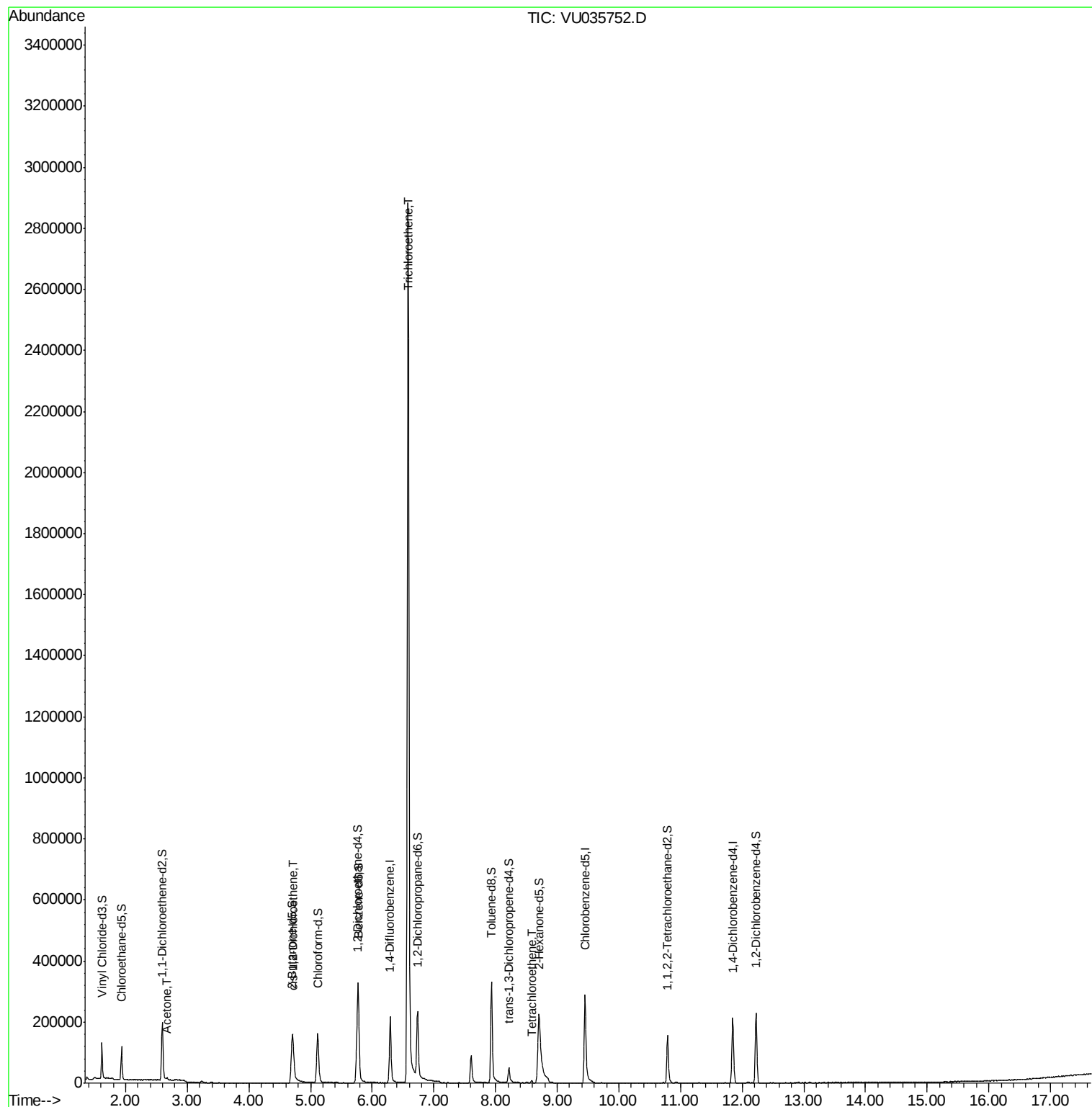
					Ovalue
13) Acetone	2.67	43	6648	2.118 ug/L	93
22) cis-1,2-Dichloroethene	4.72	96	31450	1.642 ug/L	100
34) Trichloroethene	6.58	95	1037596	52.778 ug/L	97
47) Tetrachloroethene	8.59	164	1705	0.100 ug/L #	79

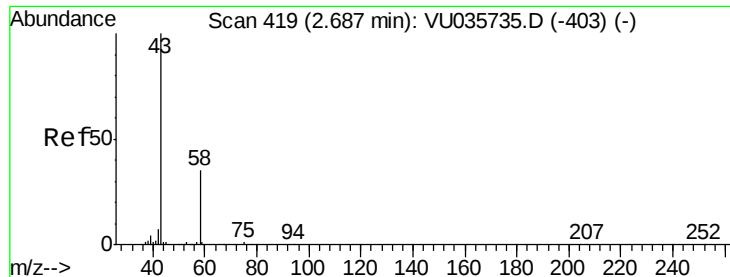
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.118 ug/L

RT: 2.67 min Scan# 414

Delta R.T. -0.02 min

Lab File: VU035752.D

Acq: 18 Nov 2019 18:48

Instrument :

MSVOA_U

ClientSampleId :

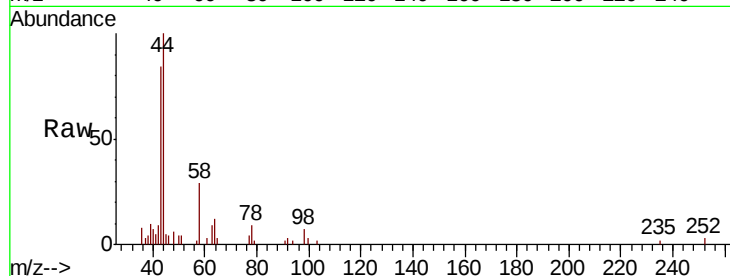
GAQJ8

Tot Ion: 43 Resp: 6648

Ion Ratio Lower Upper

43 100

58 39.1 0.0 69.8

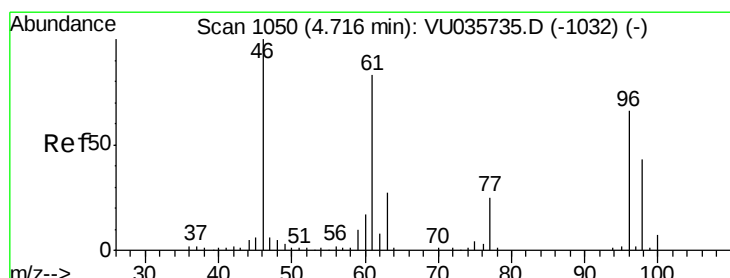
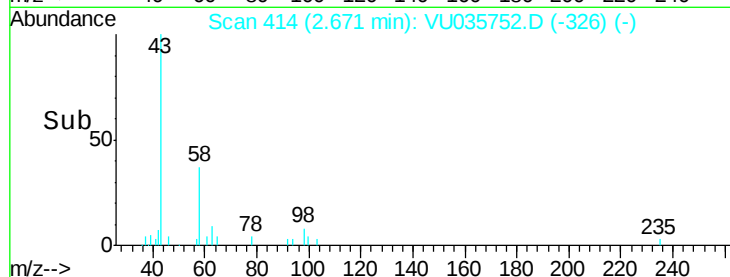


Abundance Ion 43.05 (42.75 to 43.75): VU035735.D (-403) (-)

Ion 58.05 (57.75 to 58.75): VU035735.D (-403) (-)

2.67

Time-->



#22

cis-1,2-Dichloroethene

Concen: 1.642 ug/L

RT: 4.72 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VU035752.D

Acq: 18 Nov 2019 18:48

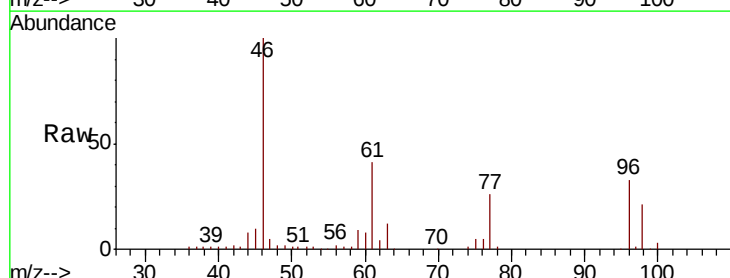
Tgt Ion: 96 Resp: 31450

Ion Ratio Lower Upper

96 100

61 124.6 87.0 161.6

68 0.0 0.0 0.0



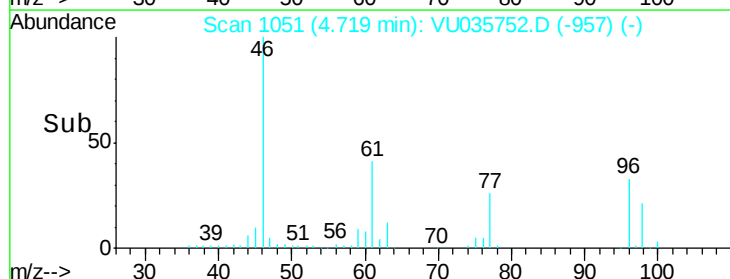
Abundance Ion 96.00 (95.70 to 96.70): VU035735.D (-1032) (-)

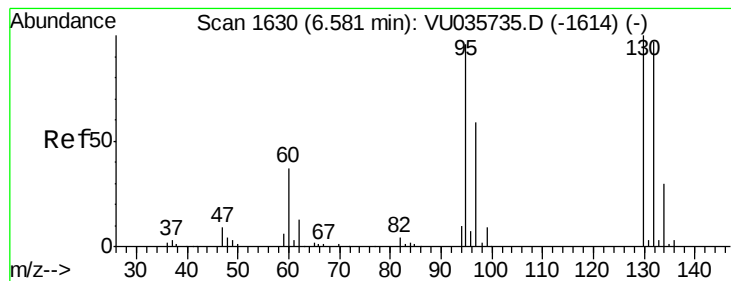
Ion 61.05 (60.75 to 61.75): VU035735.D (-1032) (-)

Ion 68.15 (67.85 to 68.85): VU035735.D (-1032) (-)

4.72

Time-->





#34

Trichloroethene

Concen: 52.778 ug/L

RT: 6.58 min Scan# 1631

Delta R.T. 0.00 min

Lab File: VU035752.D

Acq: 18 Nov 2019 18:48

Instrument :

MSVOA_U

ClientSampleId :

GAQJ8

Tot Ion: 95 Resp: 1037596

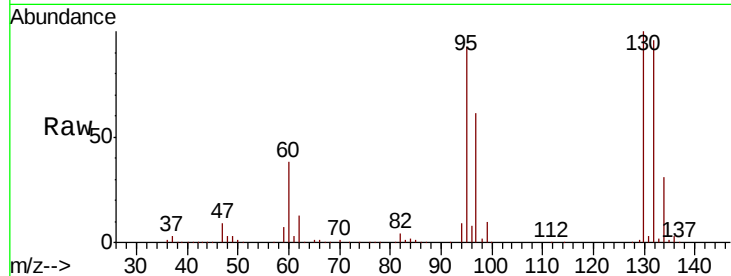
Ion Ratio Lower Upper

95 100

97 65.9 44.5 82.7

132 103.3 69.9 129.7

130 107.7 74.1 137.7

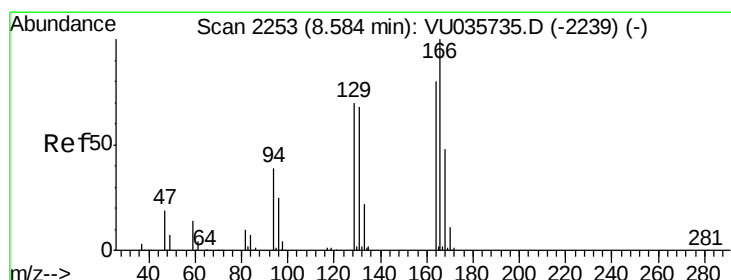
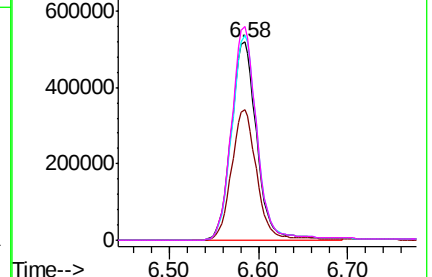
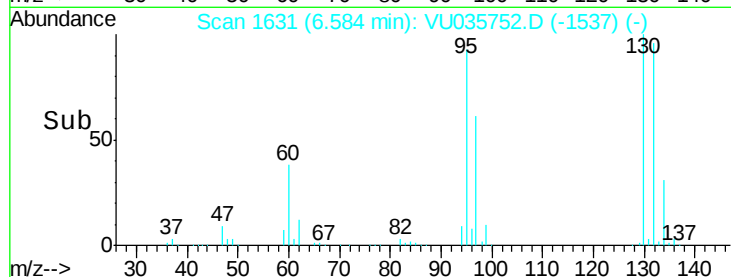


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 0.100 ug/L

RT: 8.59 min Scan# 2254

Delta R.T. 0.00 min

Lab File: VU035752.D

Acq: 18 Nov 2019 18:48

Tgt Ion: 164 Resp: 1705

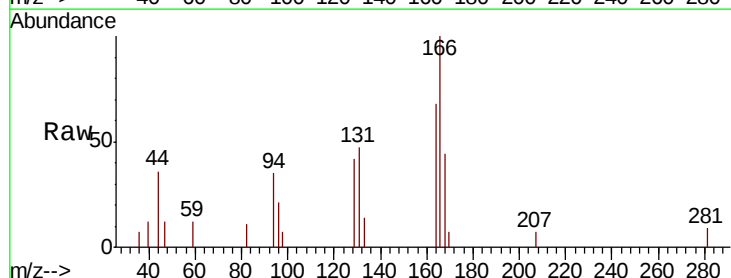
Ion Ratio Lower Upper

164 100

129 61.9 64.7 120.1#

131 68.6 61.6 114.4

166 146.4 91.8 170.4



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

