

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U0102419\
 Data File : VU035468.D
 Acq On : 24 Oct 2019 18:58
 Operator : JC/SP
 Sample : K5488-02DL 10X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0G33DL

Quant Time: Oct 25 09:03:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 25 07:04:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	216976	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	224975	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	62546	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	44127	3.33	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.60%
7) Chloroethane-d5	1.93	69	49687	4.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.20%
11) 1,1-Dichloroethene-d2	2.59	63	62819	2.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	51.40%#
20) 2-Butanone-d5	4.70	46	219955	57.85	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.70%
24) Chloroform-d	5.11	84	110155	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
26) 1,2-Dichloroethane-d4	5.75	65	64505	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
32) Benzene-d6	5.77	84	192990	3.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.00%
36) 1,2-Dichloropropane-d6	6.74	67	74796	4.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.60%
41) Toluene-d8	7.93	98	146710	2.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	59.60%#
43) trans-1,3-Dichloropropene-	8.21	79	25637	3.23	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	64.60%
46) 2-Hexanone-d5	8.68	63	139254	39.83	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.66%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	72463	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	47895	4.20	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.00%

Target Compounds

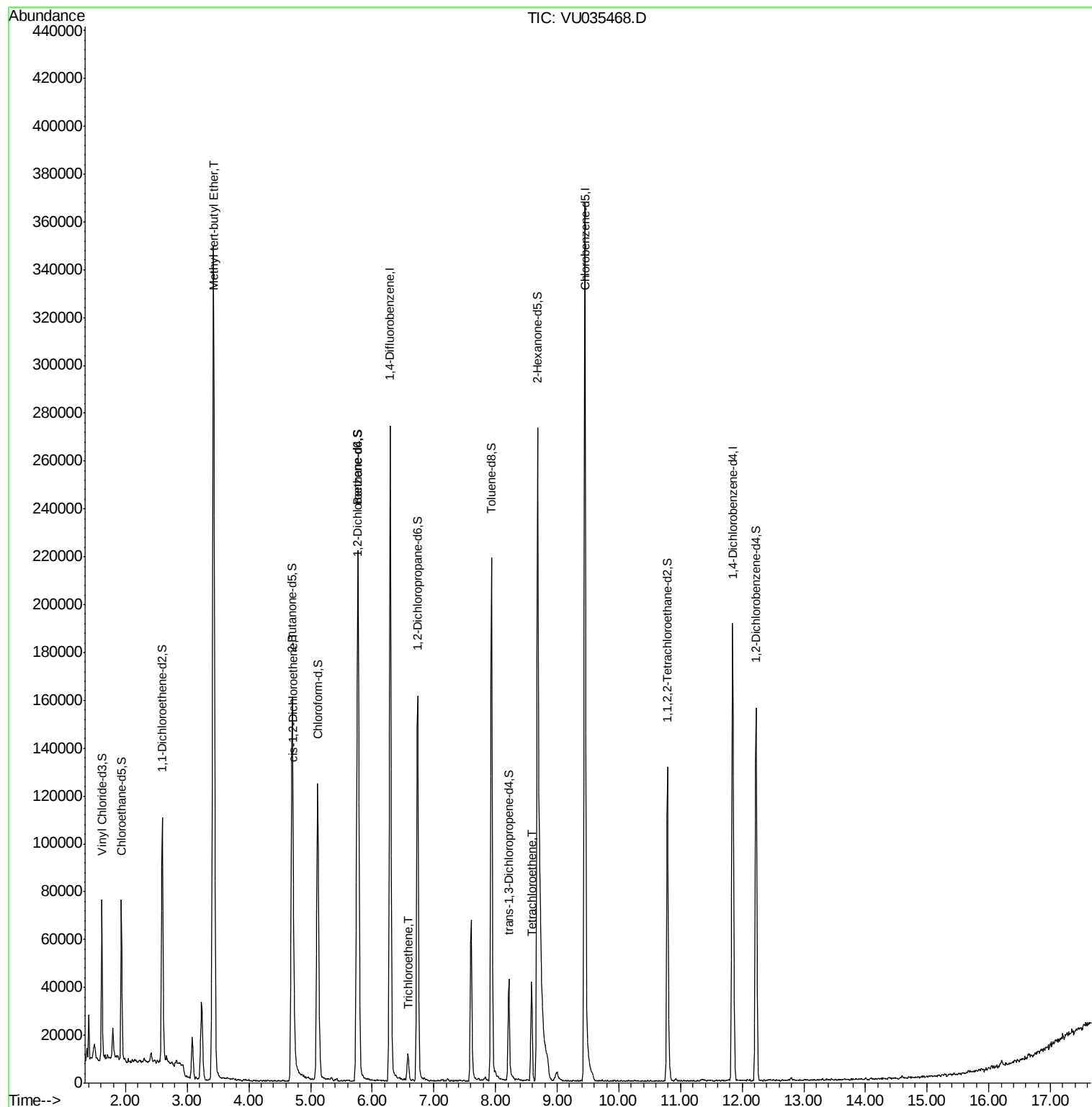
					Ovalue
17) Methyl tert-butyl Ether	3.43	73	371801	9.910 ug/L	98
22) cis-1,2-Dichloroethene	4.73	96	4091	0.246 ug/L	98
34) Trichloroethene	6.58	95	3168	0.178 ug/L	92
47) Tetrachloroethene	8.58	164	9637	0.650 ug/L	97

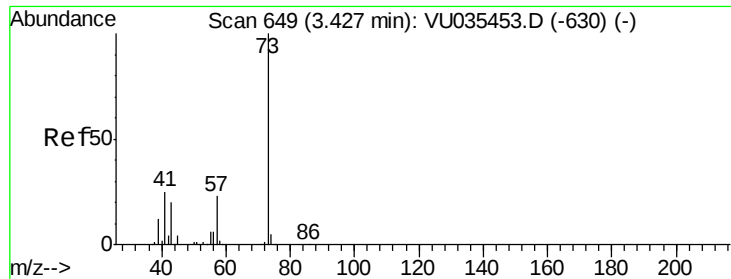
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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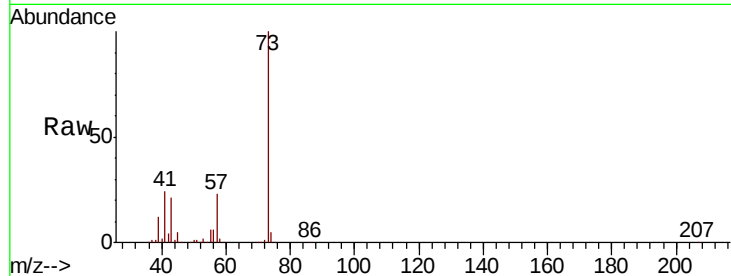


#17

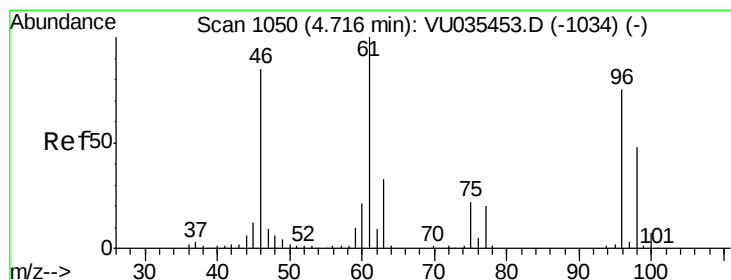
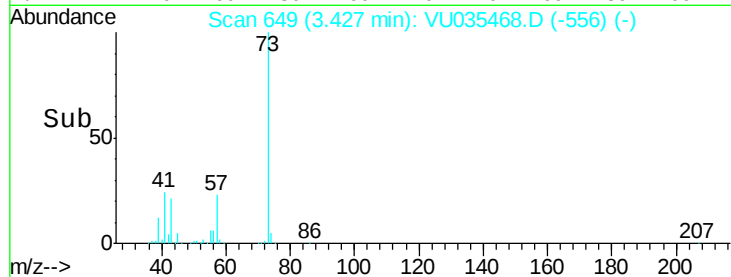
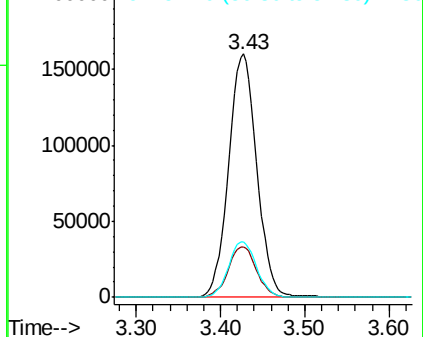
Methvl tert-butvl Ether
 Concen: 9.910 ug/L
 RT: 3.43 min Scan# 649
 Delta R.T. -0.00 min
 Lab File: VU035468.D
 Acq: 24 Oct 2019 18:58

Instrument :
 MSVOA_U
 ClientSampleId :
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Tot Ion: 73 Resp: 371801
 Ion Ratio Lower Upper
 73 100
 43 21.1 16.0 24.0
 57 22.9 17.4 26.2



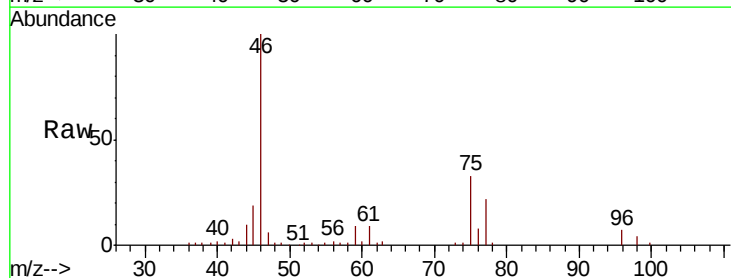
Abundance Ion 73.10 (72.80 to 73.80): VU0
 Ion 43.05 (42.75 to 43.75): VU0
 Ion 57.10 (56.80 to 57.80): VU0



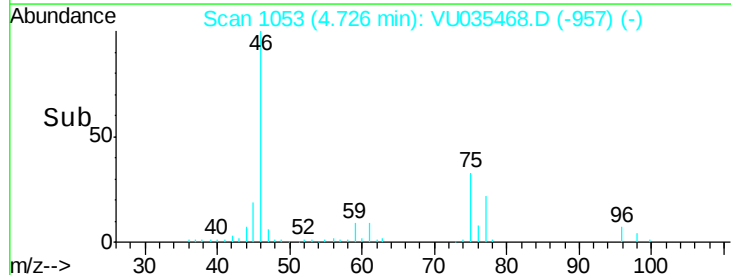
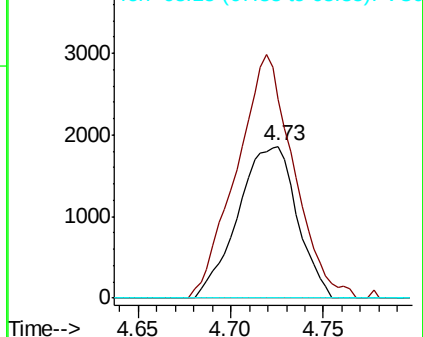
#22

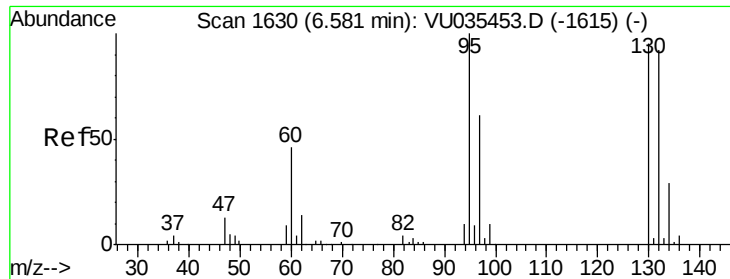
cis-1,2-Dichloroethene
 Concen: 0.246 ug/L
 RT: 4.73 min Scan# 1053
 Delta R.T. 0.01 min
 Lab File: VU035468.D
 Acq: 24 Oct 2019 18:58

Tgt Ion: 96 Resp: 4091
 Ion Ratio Lower Upper
 96 100
 61 130.8 89.7 166.5
 68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0





#34

Trichloroethene

Concen: 0.178 ug/L

RT: 6.58 min Scan# 1631

Delta R.T. 0.00 min

Lab File: VU035468.D

Acq: 24 Oct 2019 18:58

Instrument :

MSVOA_U

ClientSampleId :

H0G33DL

Tot Ion: 95 Resp: 3168

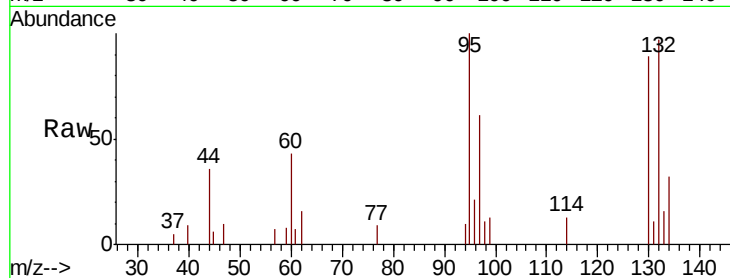
Ion Ratio Lower Upper

95 100

97 61.2 46.6 86.6

132 97.3 68.7 127.7

130 89.1 73.9 137.3



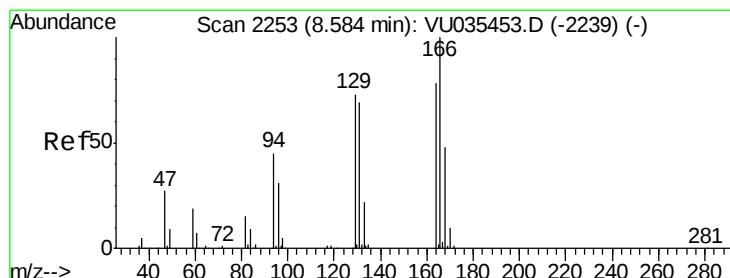
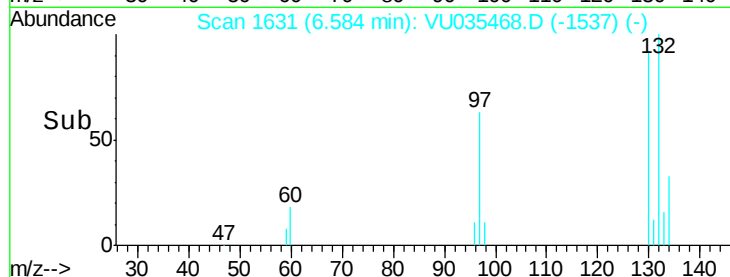
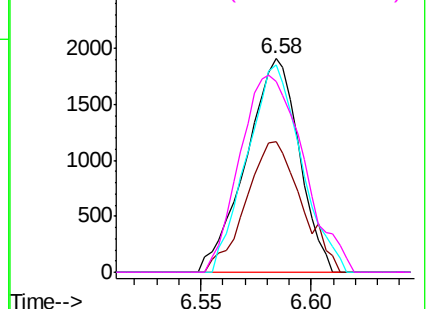
Abundance

Ion 95.00 (94.70 to 95.70): VU035468.D (-1537) (-)

Ion 96.95 (96.65 to 97.65): VU035468.D (-1537) (-)

Ion 131.95 (131.65 to 132.65): VU035468.D (-1537) (-)

Ion 129.95 (129.65 to 130.65): VU035468.D (-1537) (-)



#47

Tetrachloroethene

Concen: 0.650 ug/L

RT: 8.58 min Scan# 2253

Delta R.T. -0.00 min

Lab File: VU035468.D

Acq: 24 Oct 2019 18:58

Tgt Ion:164 Resp: 9637

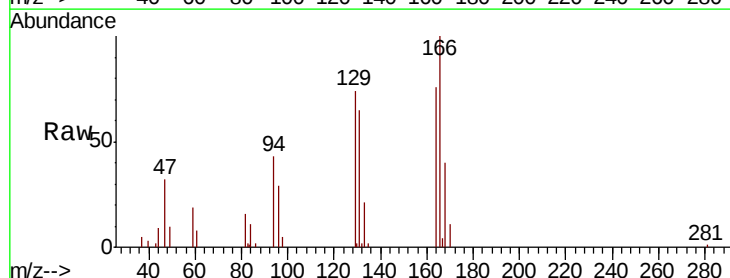
Ion Ratio Lower Upper

164 100

129 97.1 65.2 121.0

131 85.7 62.9 116.9

166 131.3 91.5 169.9



Abundance

Ion 163.90 (163.60 to 164.60): VU035468.D (-2160) (-)

Ion 128.95 (128.65 to 129.65): VU035468.D (-2160) (-)

Ion 130.95 (130.65 to 131.65): VU035468.D (-2160) (-)

Ion 165.90 (165.60 to 166.60): VU035468.D (-2160) (-)

