

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102419\
 Data File : VU035467.D
 Acq On : 24 Oct 2019 18:33
 Operator : JC/SP
 Sample : K5488-11DL 4X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0G53DL

Quant Time: Nov 06 04:10:45 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	215820	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	225666	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	66864	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	48041	3.65	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.00%
7) Chloroethane-d5	1.94	69	53602	4.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.20%
11) 1,1-Dichloroethene-d2	2.59	63	68989	2.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.80%#
20) 2-Butanone-d5	4.70	46	231355	61.18	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.36%
24) Chloroform-d	5.11	84	111422	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
26) 1,2-Dichloroethane-d4	5.75	65	70287	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.40%
32) Benzene-d6	5.77	84	205245	3.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.60%
36) 1,2-Dichloropropane-d6	6.74	67	79287	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.93	98	154978	3.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	62.80%#
43) trans-1,3-Dichloropropene-	8.21	79	26507	3.33	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.60%
46) 2-Hexanone-d5	8.68	63	147390	42.03	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.06%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	75314	5.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.20%
64) 1,2-Dichlorobenzene-d4	12.22	152	52891	4.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.80%

Target Compounds

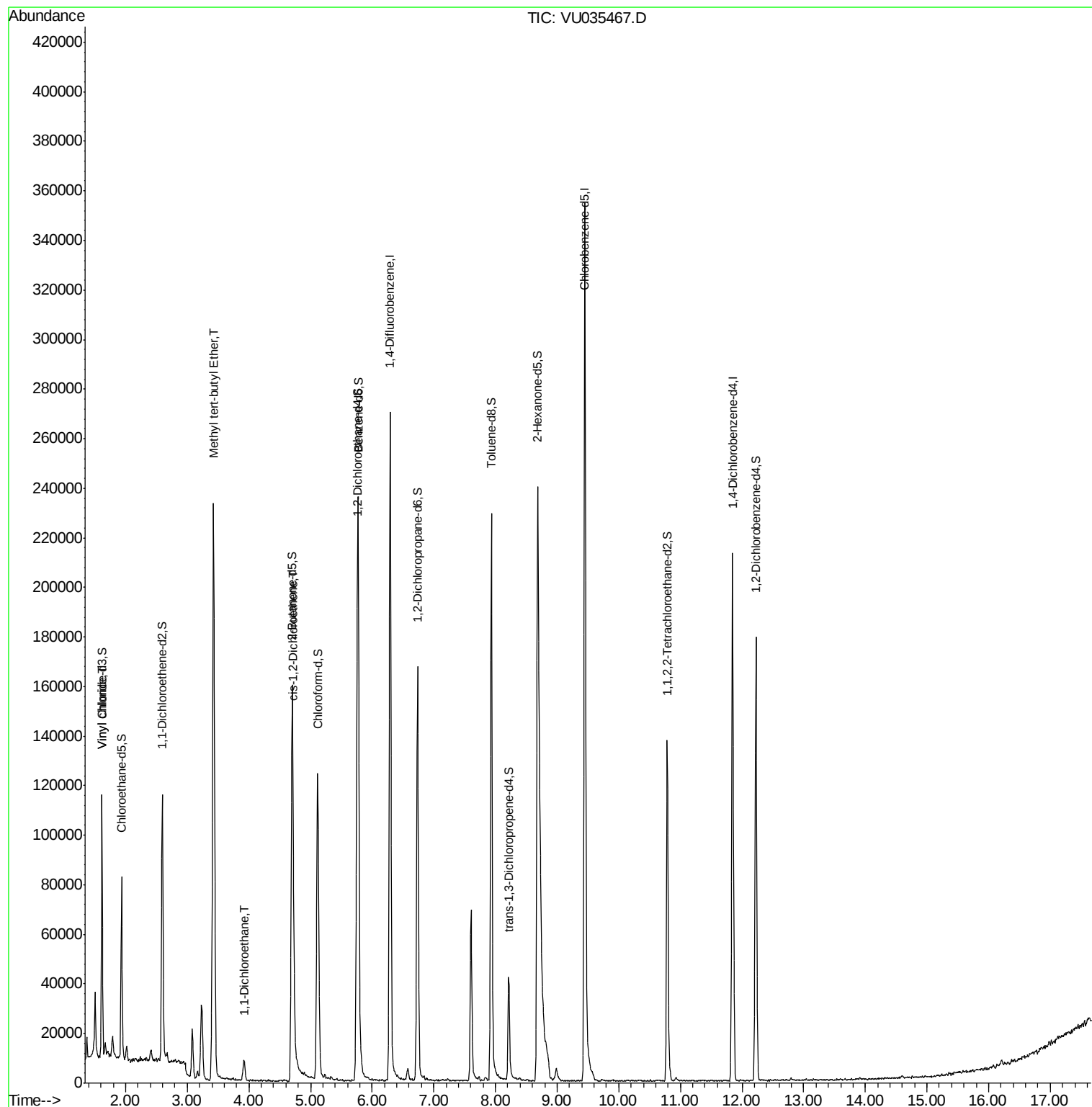
					Ovalue
5) Vinyl chloride	1.62	62	5905	0.316 ug/L	# 24
17) Methyl tert-butyl Ether	3.43	73	243796	6.533 ug/L	97
19) 1,1-Dichloroethane	3.92	63	10493	0.388 ug/L	95
22) cis-1,2-Dichloroethene	4.72	96	2124	0.128 ug/L	90

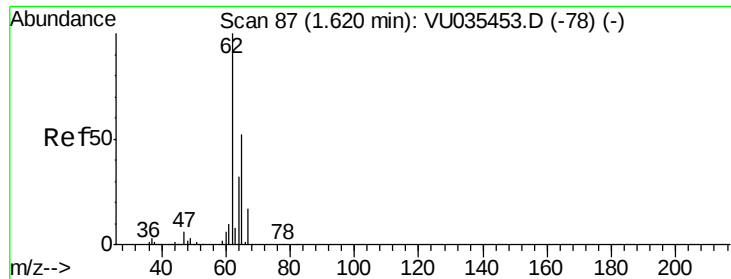
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.316 ug/L

RT: 1.62 min Scan# 87

Delta R.T. 0.00 min

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Acq: 24 Oct 2019 18:33

Instrument :

MSVOA_U

ClientSampleId :

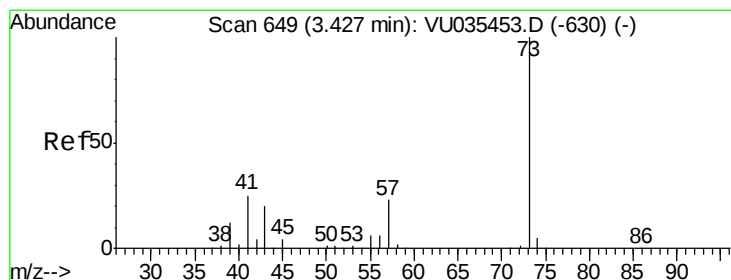
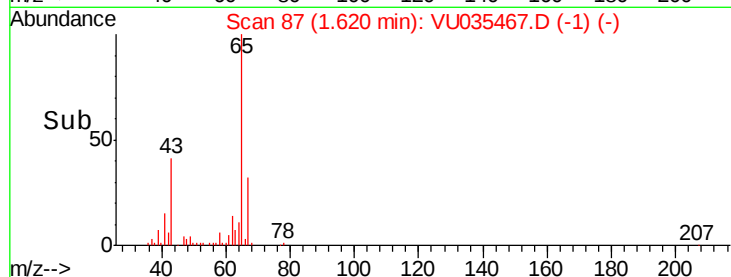
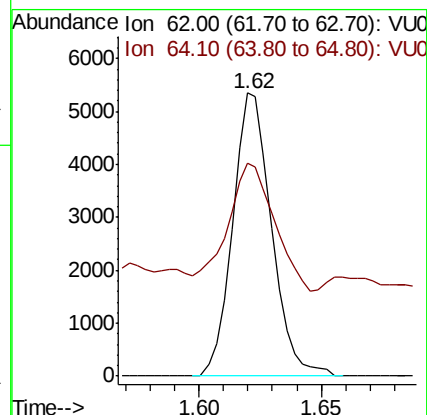
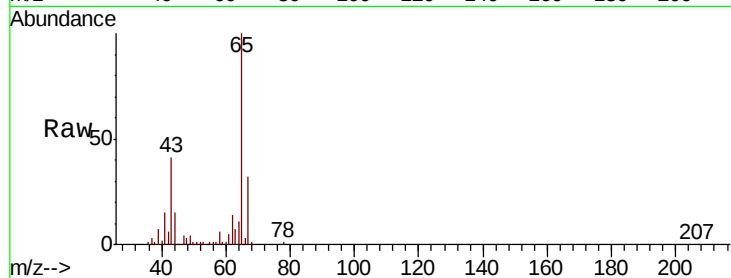
H0G53DL

Tot Ion: 62 Resp: 5905

Ion Ratio Lower Upper

62 100

64 75.4 22.9 42.5#



#17

Methyl tert-butyl Ether

Concen: 6.533 ug/L

RT: 3.43 min Scan# 649

Delta R.T. 0.00 min

Lab File: VU035467.D

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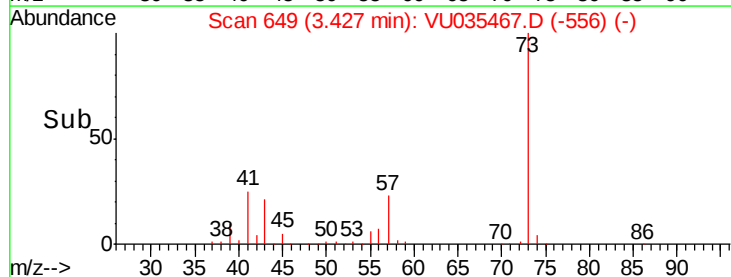
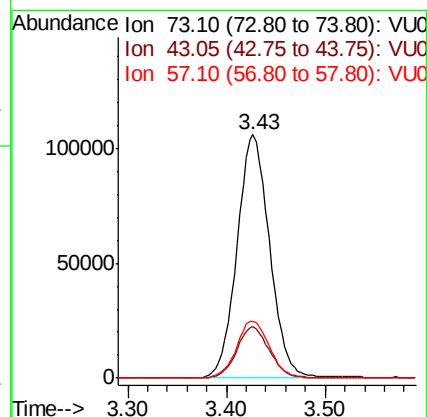
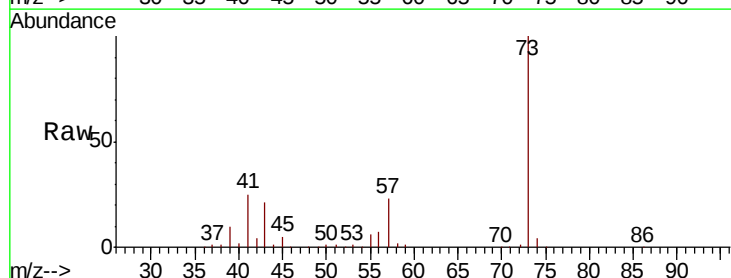
Tgt Ion: 73 Resp: 243796

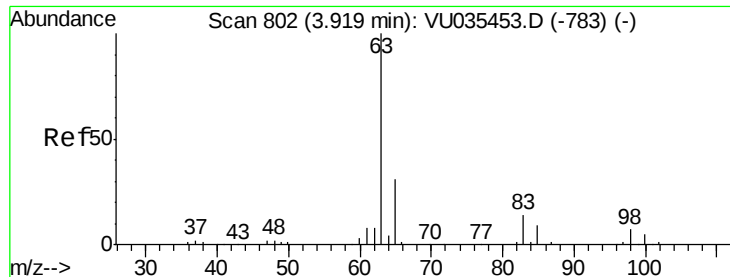
Ion Ratio Lower Upper

73 100

43 21.2 16.0 24.0

57 23.6 17.4 26.2





#19

1,1-Dichloroethane

Concen: 0.388 ug/L

RT: 3.92 min Scan# 803

Delta R.T. 0.00 min

Lab File: VU035467.D

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Instrument :

MSVOA_U

ClientSampleId :

H0G53DL

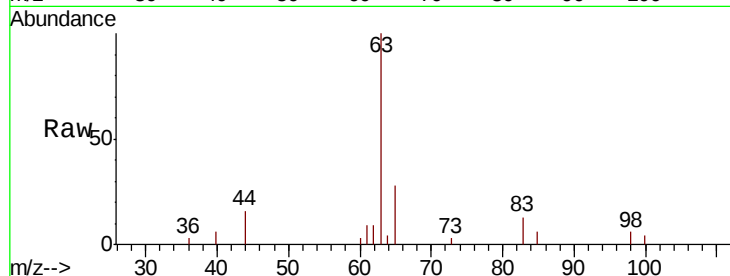
Tot Ion: 63 Resp: 10493

Ion Ratio Lower Upper

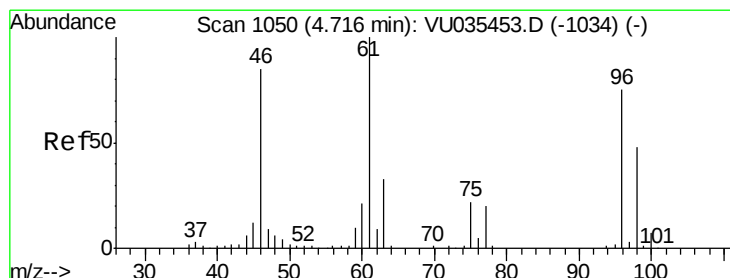
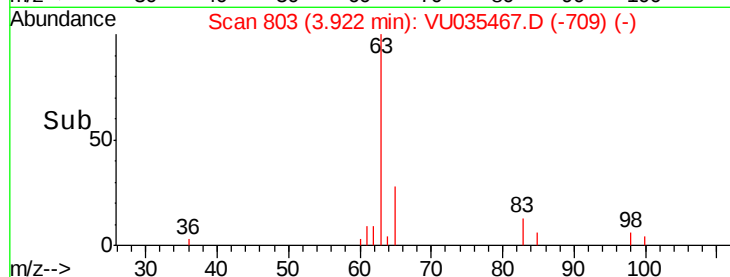
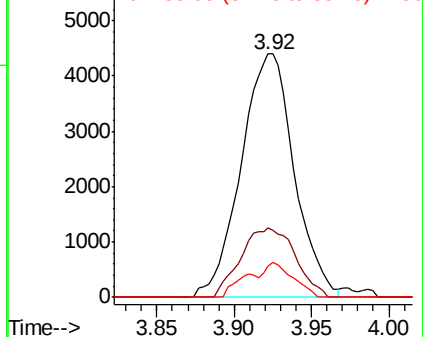
63 100

65 28.4 22.4 41.6

83 13.0 9.3 17.3



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 65.10 (64.80 to 65.80): VU0
Ion 83.05 (82.75 to 83.75): VU0



#22

cis-1,2-Dichloroethene

Concen: 0.128 ug/L

RT: 4.72 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VU035467.D

Acq: 24 Oct 2019 18:33

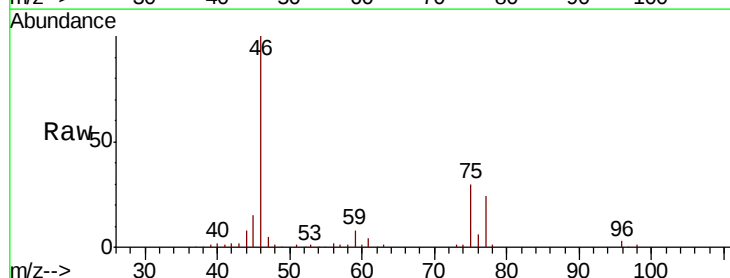
Tgt Ion: 96 Resp: 2124

Ion Ratio Lower Upper

96 100

61 139.8 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

