

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102419\
 Data File : VU035470.D
 Acq On : 24 Oct 2019 19:47
 Operator : JC/SP
 Sample : K5488-13DL 10X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0G55DL

Quant Time: Oct 25 08:13:21 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	208640	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	219660	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	61822	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	44116	3.47	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.40%
7) Chloroethane-d5	1.93	69	49533	4.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.20%
11) 1,1-Dichloroethene-d2	2.59	63	63993	2.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.40%#
20) 2-Butanone-d5	4.70	46	222367	60.82	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.64%
24) Chloroform-d	5.11	84	109395	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	5.75	65	66865	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.80%
32) Benzene-d6	5.77	84	194598	3.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.40%
36) 1,2-Dichloropropane-d6	6.74	67	76875	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.40%
41) Toluene-d8	7.93	98	147923	3.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	61.60%#
43) trans-1,3-Dichloropropene-	8.21	79	25059	3.24	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	64.80%
46) 2-Hexanone-d5	8.68	63	139721	40.93	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.86%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	73315	5.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.20%
64) 1,2-Dichlorobenzene-d4	12.22	152	48247	4.28	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.60%

Target Compounds

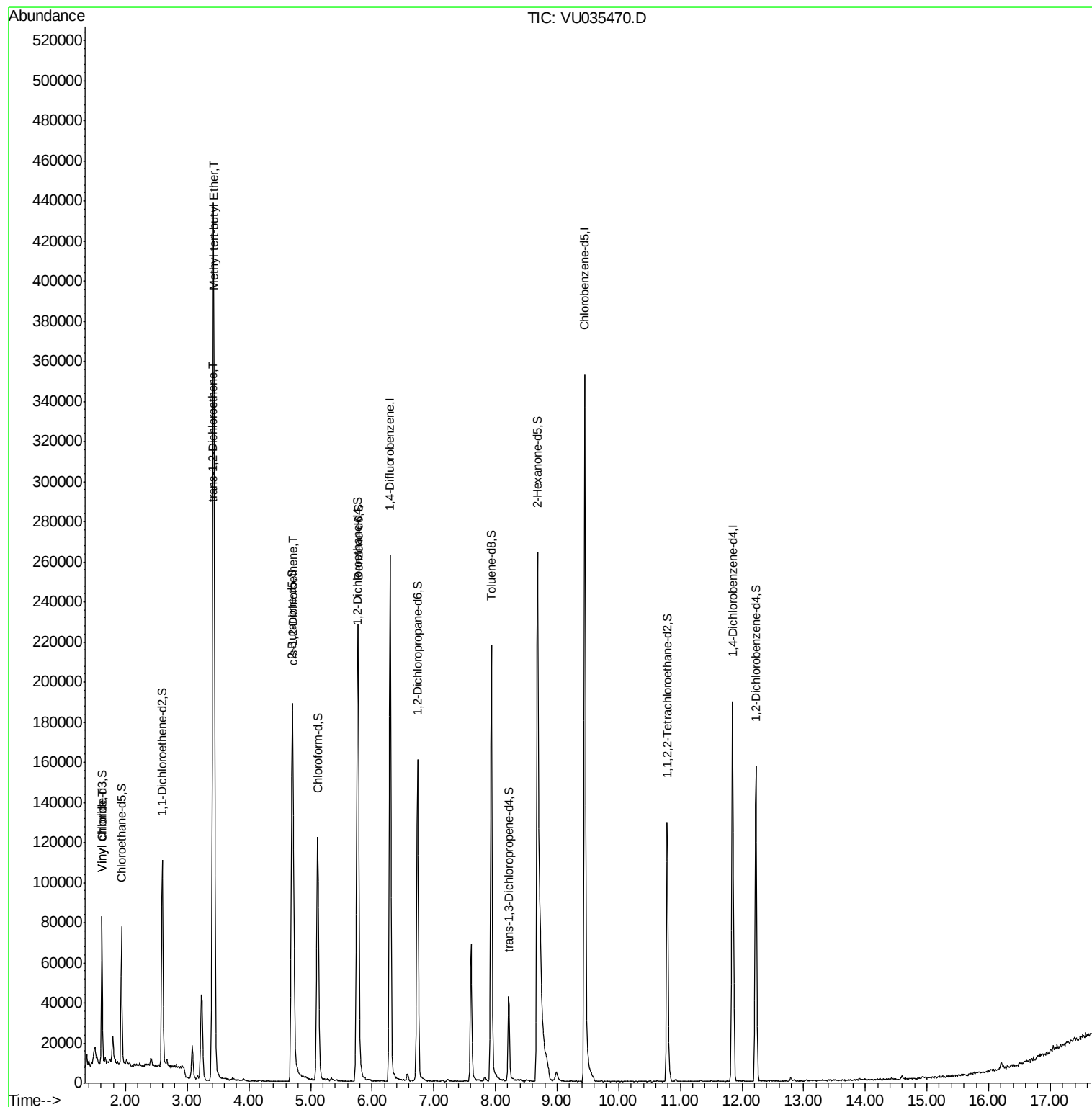
					Ovalue
5) Vinyl chloride	1.62	62	3651	0.202 ug/L	# 1
17) Methyl tert-butyl Ether	3.43	73	467039	12.946 ug/L	98
18) trans-1,2-Dichloroethene	3.40	96	1242	0.086 ug/L	96
22) cis-1,2-Dichloroethene	4.72	96	29161	1.824 ug/L	97

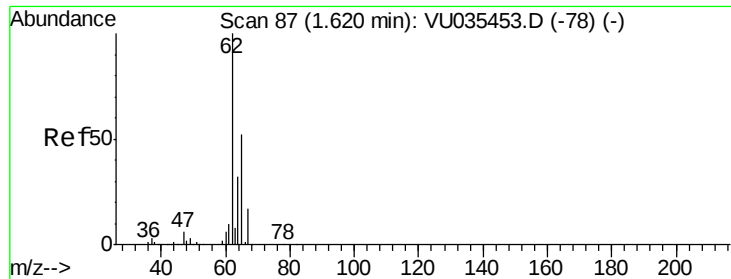
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.202 ug/L

RT: 1.62 min Scan# 87

Delta R.T. 0.00 min

Lab File: VU035470.D

Acq: 24 Oct 2019 19:47

Instrument :

MSVOA_U

ClientSampleId :

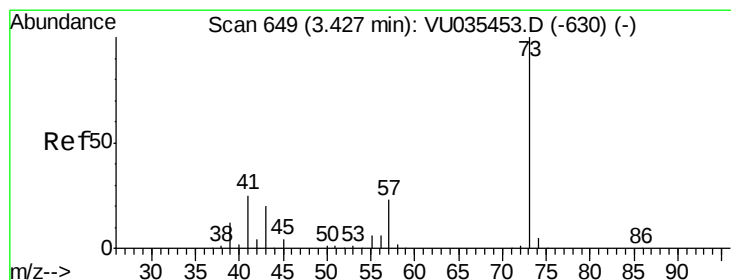
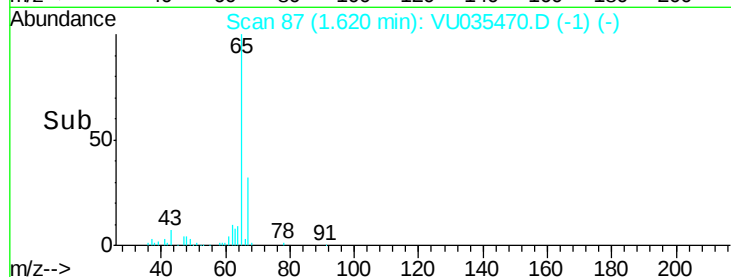
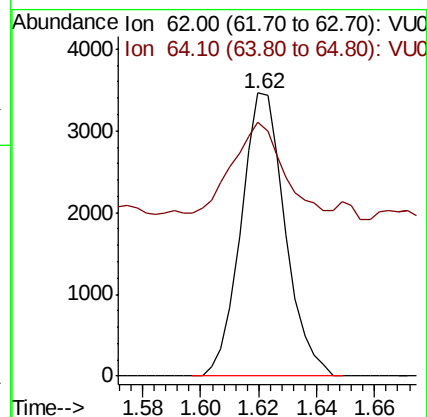
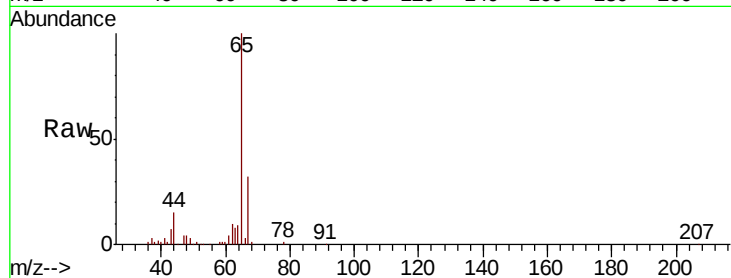
H0G55DL

Tot Ion: 62 Resp: 3651

Ion Ratio Lower Upper

62 100

64 89.9 22.9 42.5#



#17

Methyl tert-butyl Ether

Concen: 12.946 ug/L

RT: 3.43 min Scan# 649

Delta R.T. 0.00 min

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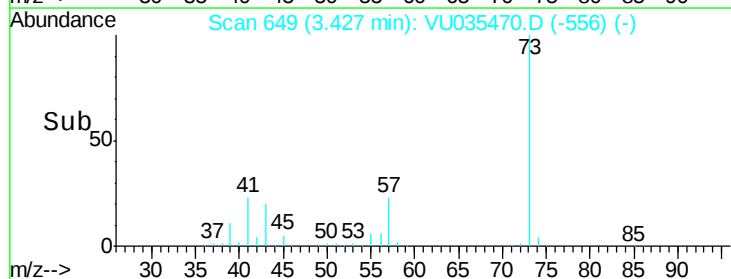
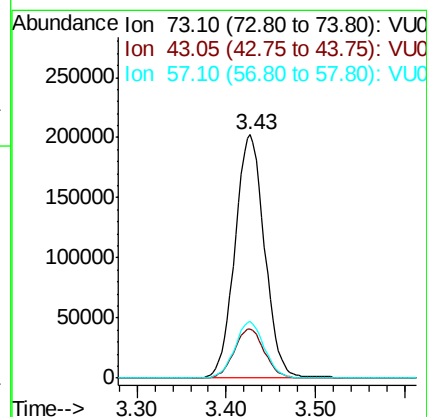
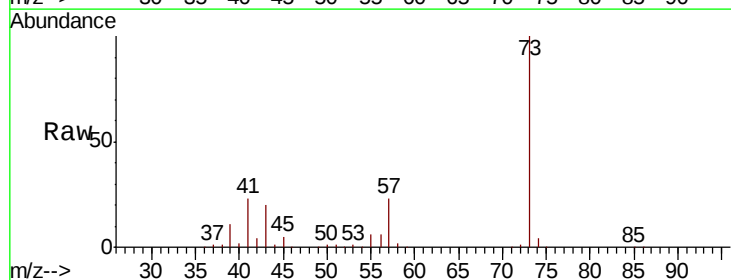
Tgt Ion: 73 Resp: 467039

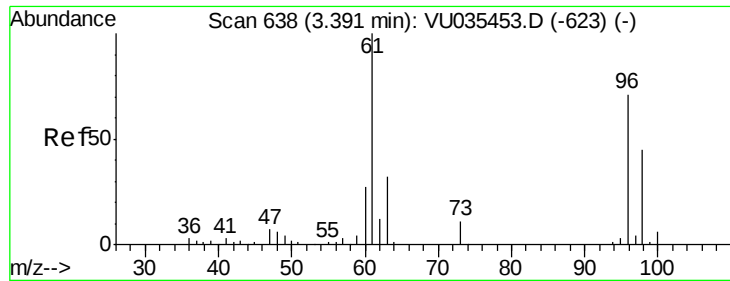
Ion Ratio Lower Upper

73 100

43 20.8 16.0 24.0

57 23.0 17.4 26.2





#18

trans-1,2-Dichloroethene

Concen: 0.086 ug/L

RT: 3.40 min Scan# 641

Delta R.T. 0.01 min

Lab File: VU035470.D

Acq: 24 Oct 2019 19:47

Instrument :

MSVOA_U

ClientSampleId :

H0G55DL

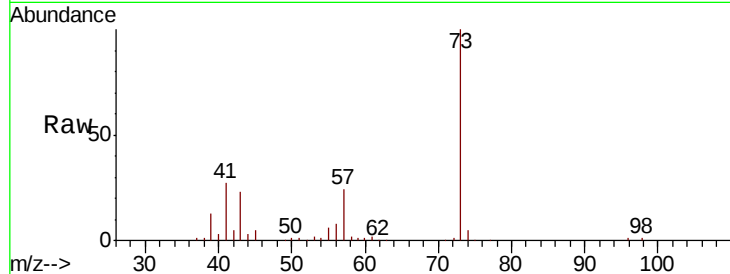
Tot Ion: 96 Resp: 1242

Ion Ratio Lower Upper

96 100

61 135.6 93.0 172.6

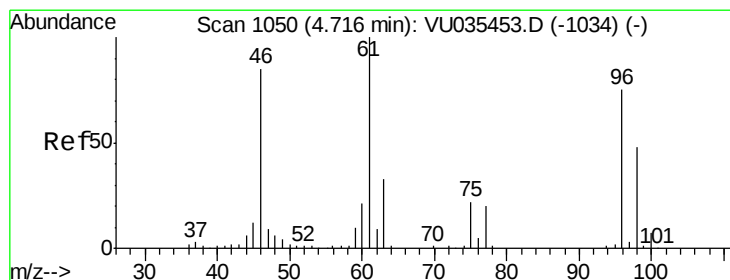
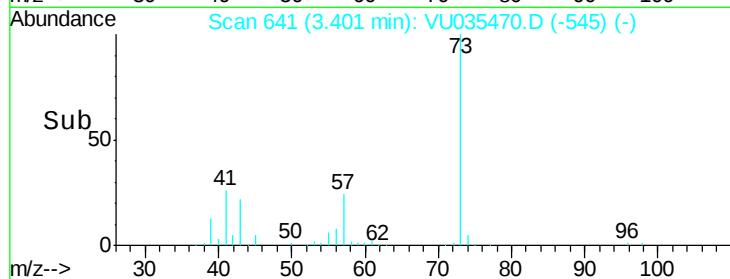
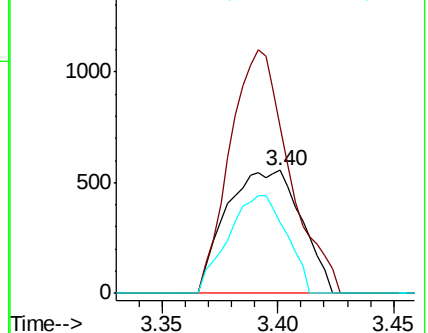
98 57.6 43.7 81.1



Abundance Ion 96.00 (95.70 to 96.70): VU035470.D (-545) (-)

Ion 61.05 (60.75 to 61.75): VU035470.D (-545) (-)

Ion 97.95 (97.65 to 98.65): VU035470.D (-545) (-)



#22

cis-1,2-Dichloroethene

Concen: 1.824 ug/L

RT: 4.72 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VU035470.D

Acq: 24 Oct 2019 19:47

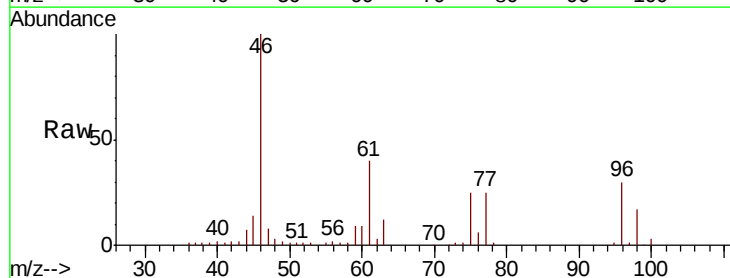
Tgt Ion: 96 Resp: 29161

Ion Ratio Lower Upper

96 100

61 131.5 89.7 166.5

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU035470.D (-957) (-)

Ion 61.05 (60.75 to 61.75): VU035470.D (-957) (-)

Ion 68.15 (67.85 to 68.85): VU035470.D (-957) (-)

