

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102419\
 Data File : VU035471.D
 Acq On : 24 Oct 2019 20:12
 Operator : JC/SP
 Sample : K5488-15DL 10X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0FZ0DL

Quant Time: Oct 25 08:38:50 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	212015	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	220144	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	62333	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	46058	3.56	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.20%
7) Chloroethane-d5	1.93	69	51626	4.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.40%
11) 1,1-Dichloroethene-d2	2.59	63	65869	2.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.20%#
20) 2-Butanone-d5	4.70	46	229584	61.80	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.60%
24) Chloroform-d	5.11	84	114088	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	5.75	65	69421	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.00%
32) Benzene-d6	5.77	84	201955	4.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.20%
36) 1,2-Dichloropropane-d6	6.73	67	78787	4.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.60%
41) Toluene-d8	7.93	98	153284	3.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	63.60%#
43) trans-1,3-Dichloropropene-	8.21	79	25418	3.28	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	65.60%
46) 2-Hexanone-d5	8.68	63	140679	41.12	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.24%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	73490	5.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.20%
64) 1,2-Dichlorobenzene-d4	12.22	152	48374	4.26	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.20%

Target Compounds

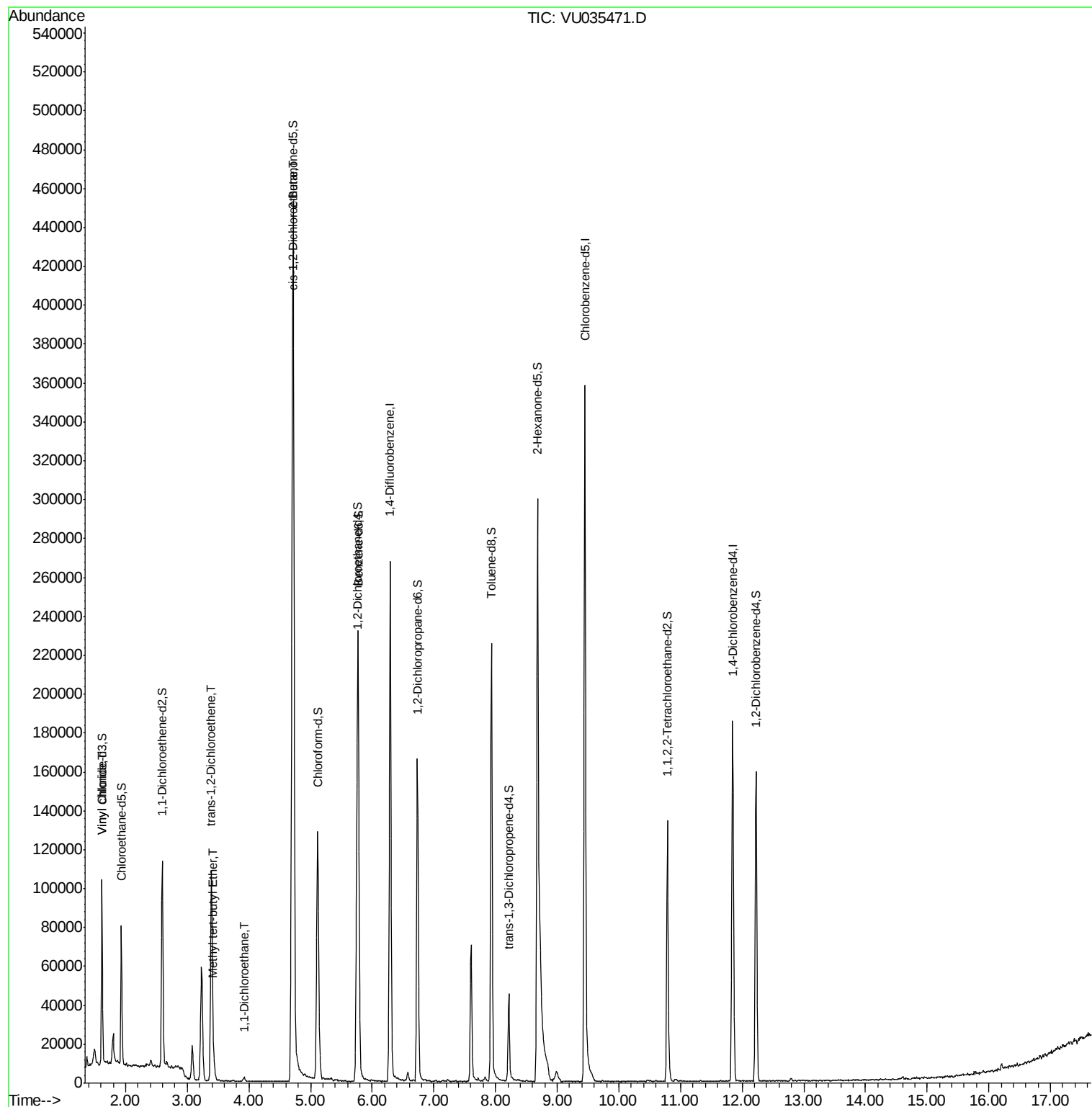
					Ovalue
5) Vinyl chloride	1.62	62	20687	1.125 ug/L #	80
17) Methyl tert-butyl Ether	3.43	73	12225	0.333 ug/L #	88
18) trans-1,2-Dichloroethene	3.39	96	44552	3.031 ug/L	94
19) 1,1-Dichloroethane	3.93	63	2633	0.099 ug/L #	83
22) cis-1,2-Dichloroethene	4.72	96	175352	10.793 ug/L	93

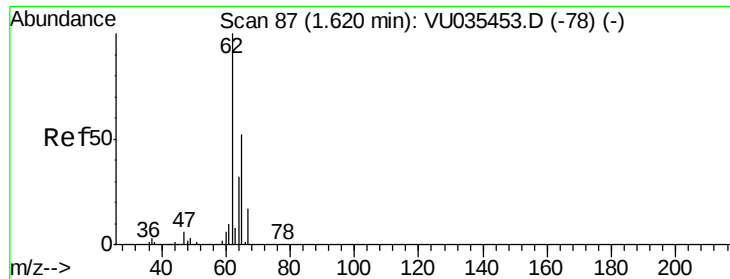
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 1.125 ug/L

RT: 1.62 min Scan# 87

Delta R.T. 0.00 min

Lab File: VU035471.D

Acq: 24 Oct 2019 20:12

Instrument :

MSVOA_U

ClientSampleId :

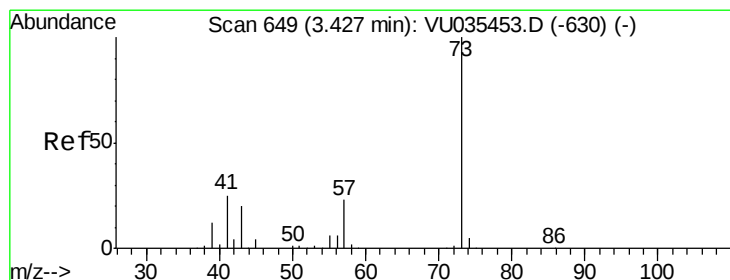
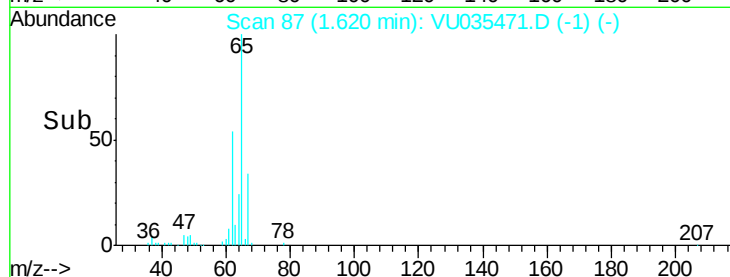
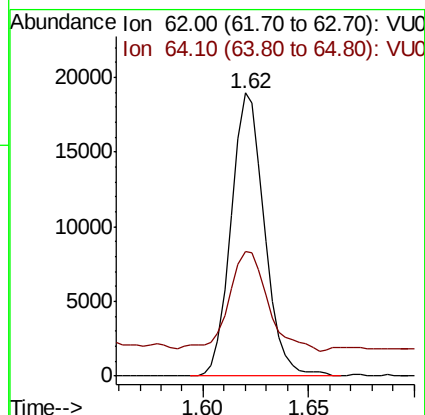
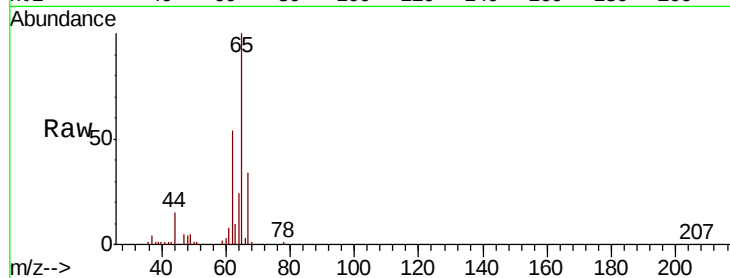
H0FZ0DL

Tot Ion: 62 Resp: 20687

Ion Ratio Lower Upper

62 100

64 44.0 22.9 42.5#



#17

Methyl tert-butyl Ether

Concen: 0.333 ug/L

RT: 3.43 min Scan# 649

Delta R.T. 0.00 min

Lab File: VU035471.D

Acq: 24 Oct 2019 20:12

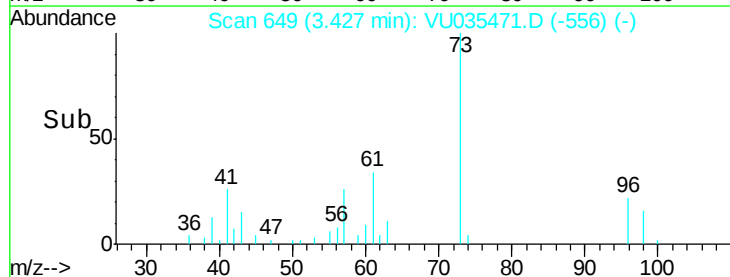
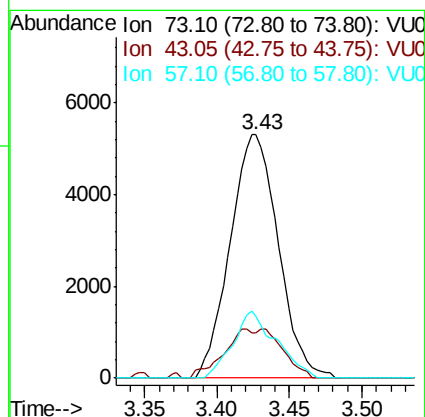
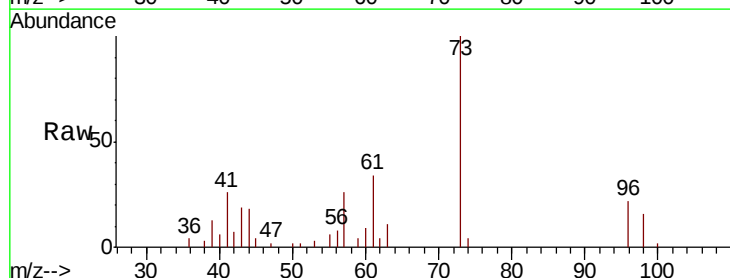
Tgt Ion: 73 Resp: 12225

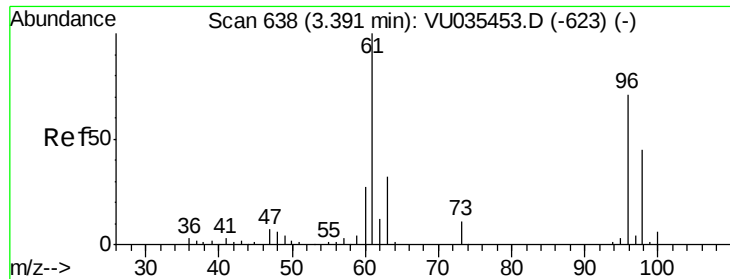
Ion Ratio Lower Upper

73 100

43 12.0 16.0 24.0#

57 24.9 17.4 26.2

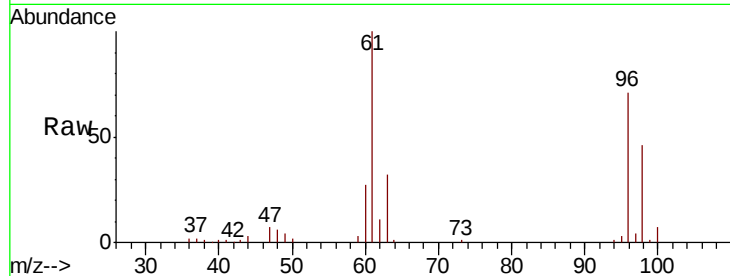




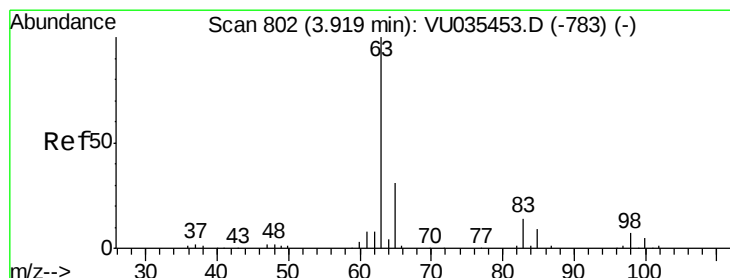
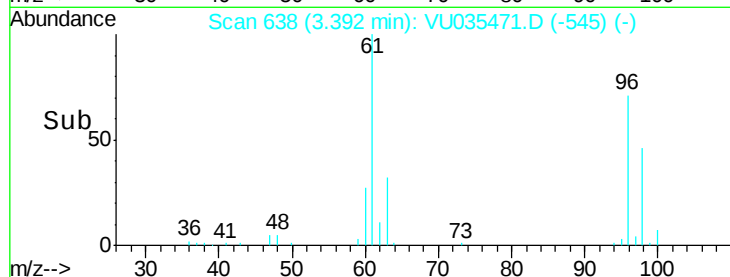
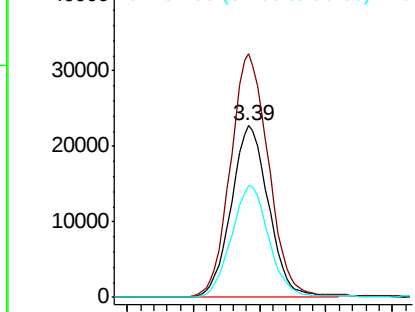
#18
trans-1,2-Dichloroethene
Concen: 3.031 ug/L
RT: 3.39 min Scan# 638
Delta R.T. 0.00 min
Lab File: VU035471.D
Acq: 24 Oct 2019 20:12

Instrument :
MSVOA_U
ClientSampleId :
H0FZ0DL

Tot Ion: 96 Resp: 44552
Ion Ratio Lower Upper
96 100
61 141.7 93.0 172.6
98 65.1 43.7 81.1

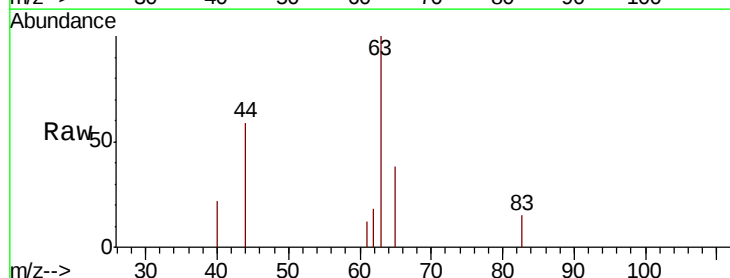


Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 97.95 (97.65 to 98.65): VU0

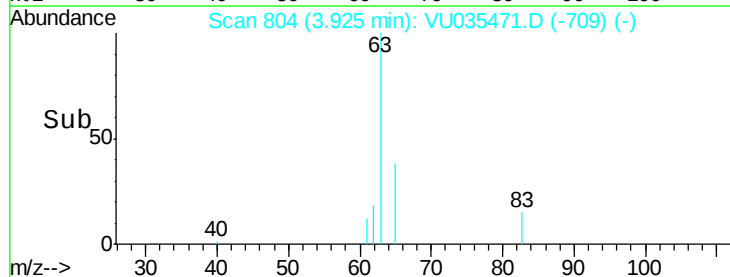
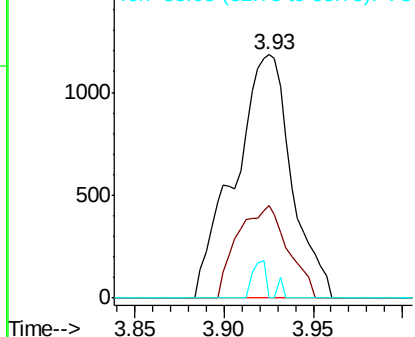


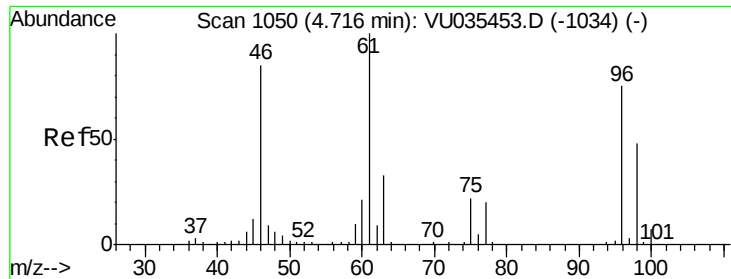
#19
1,1-Dichloroethane
Concen: 0.099 ug/L
RT: 3.93 min Scan# 804
Delta R.T. 0.01 min
Lab File: VU035471.D
Acq: 24 Oct 2019 20:12

Tgt Ion: 63 Resp: 2633
Ion Ratio Lower Upper
63 100
65 37.9 22.4 41.6
83 0.0 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: 10.793 ug/L
 RT: 4.72 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VU035471.D
 Acq: 24 Oct 2019 20:12

Instrument :
 MSVOA_U
 ClientSampleId :
 H0FZ0DL

Tot Ion:	96	Resp:	175352
Ion	Ratio	Lower	Upper
96	100		
61	135.9	89.7	166.5
68	0.0	0.0	0.0

