

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U0102319\
 Data File : VU035418.D
 Acq On : 23 Oct 2019 18:50
 Operator : JC/SP
 Sample : K5461-07DL 20X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0G06DL

Quant Time: Oct 24 06:38:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 24 05:20:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	236955	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	241144	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	85007	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	61196	4.23	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.60%
7) Chloroethane-d5	1.93	69	62702	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.00%
11) 1,1-Dichloroethene-d2	2.59	63	89958	3.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.40%
20) 2-Butanone-d5	4.71	46	234966	56.59	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.18%
24) Chloroform-d	5.11	84	140810	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.60%
26) 1,2-Dichloroethane-d4	5.75	65	79132	5.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.20%
32) Benzene-d6	5.77	84	258310	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
36) 1,2-Dichloropropane-d6	6.74	67	93377	5.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.60%
41) Toluene-d8	7.93	98	214381	4.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.20%
43) trans-1,3-Dichloropropene-	8.22	79	33835	3.98	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.60%
46) 2-Hexanone-d5	8.68	63	170210	45.42	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.84%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	83431	5.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.00%
64) 1,2-Dichlorobenzene-d4	12.22	152	75984	4.91	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.20%

Target Compounds

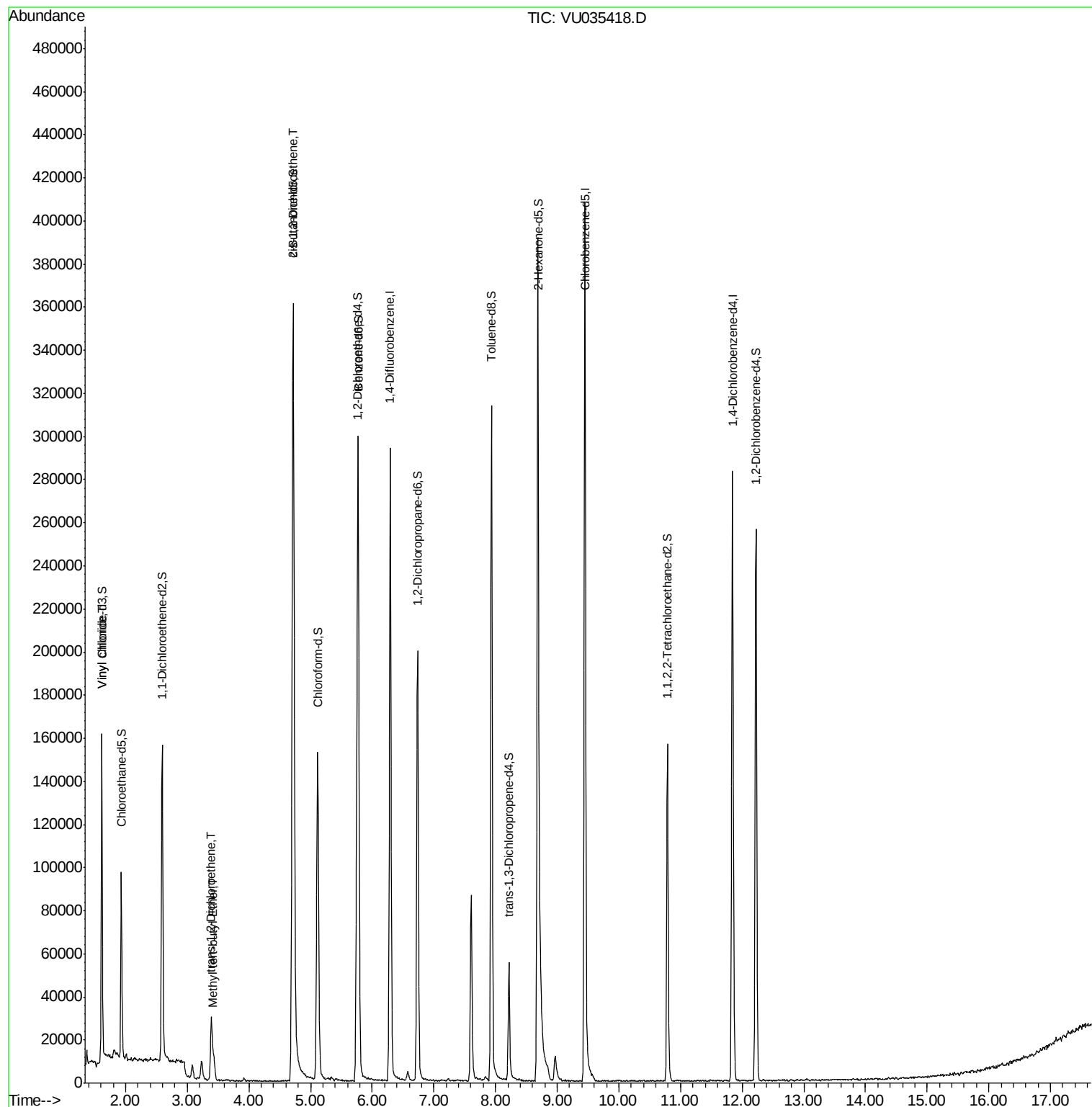
					Ovalue
5) Vinyl chloride	1.62	62	48155	2.344 ug/L	96
17) Methyl tert-butyl Ether	3.43	73	11646	0.284 ug/L #	92
18) trans-1,2-Dichloroethene	3.39	96	12374	0.753 ug/L	100
22) cis-1,2-Dichloroethene	4.72	96	114749	6.319 ug/L	97

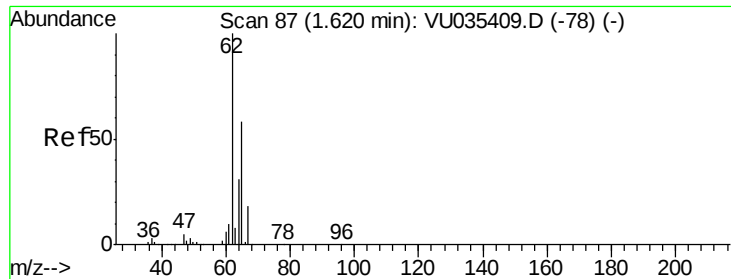
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 2.344 ug/L

RT: 1.62 min Scan# 86

Delta R.T. -0.00 min

Lab File: VU035418.D

Acq: 23 Oct 2019 18:50

Instrument :

MSVOA_U

ClientSampleId :

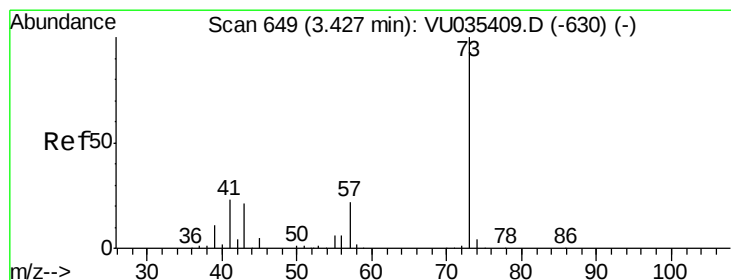
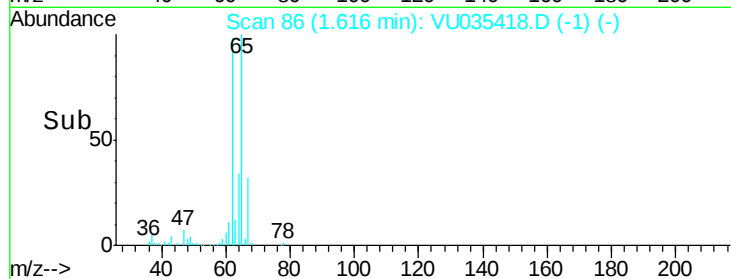
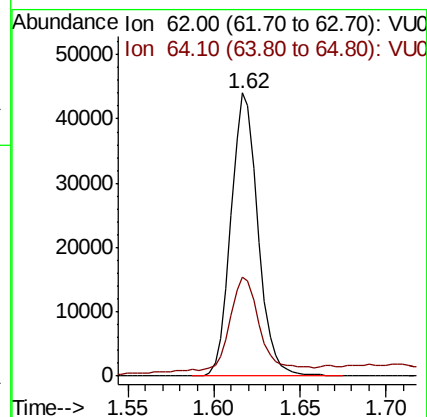
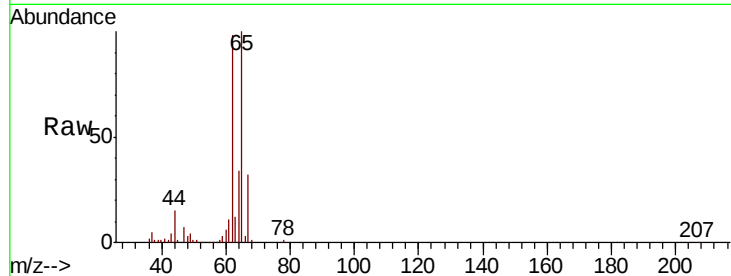
H0G06DL

Tot Ion: 62 Resp: 48155

Ion Ratio Lower Upper

62 100

64 35.1 22.9 42.5



#17

Methyl tert-butyl Ether

Concen: 0.284 ug/L

RT: 3.43 min Scan# 650

Delta R.T. 0.00 min

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Acq: 23 Oct 2019 18:50

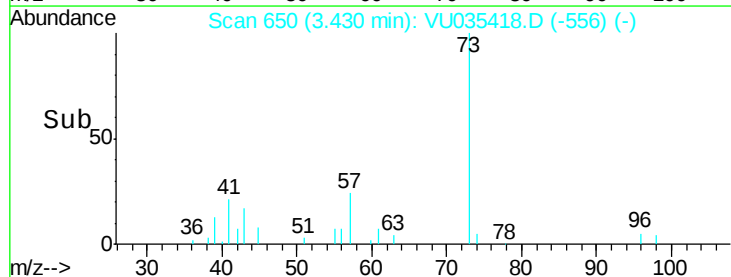
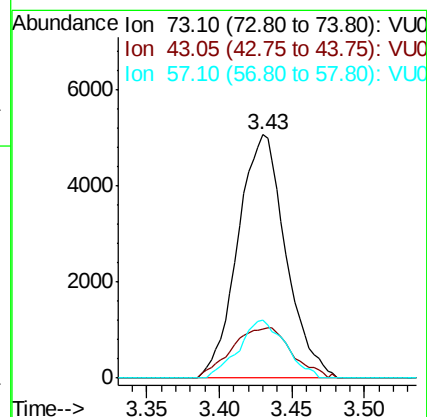
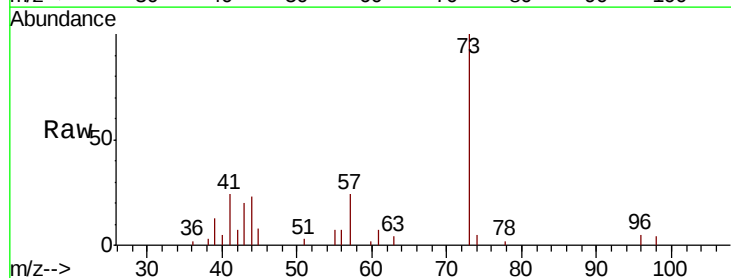
Tgt Ion: 73 Resp: 11646

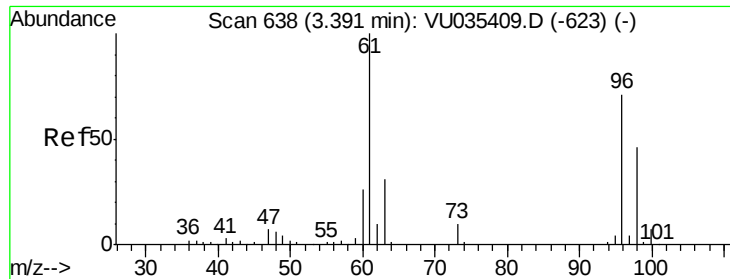
Ion Ratio Lower Upper

73 100

43 25.8 16.0 24.0#

57 23.1 17.4 26.2

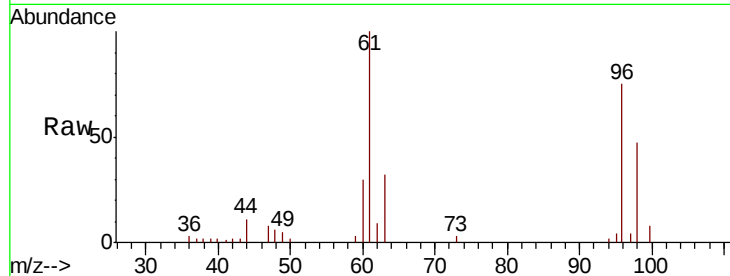




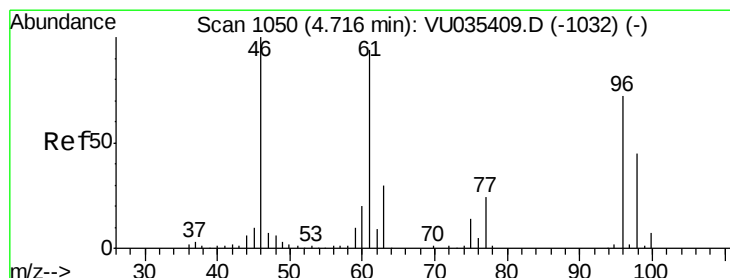
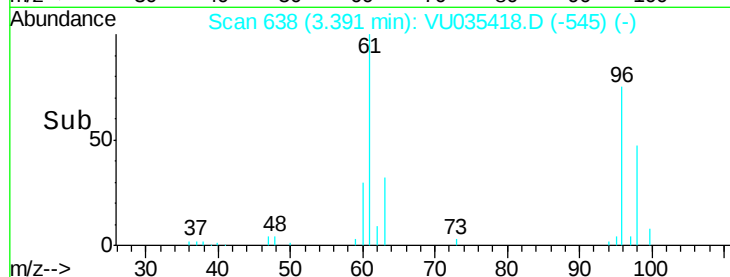
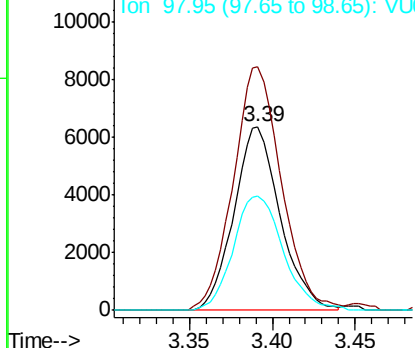
#18
trans-1,2-Dichloroethene
Concen: 0.753 ug/L
RT: 3.39 min Scan# 638
Delta R.T. -0.00 min
Lab File: VU035418.D
Acq: 23 Oct 2019 18:50

Instrument :
MSVOA_U
ClientSampled :
H0G06DL

Tot Ion: 96 Resp: 12374
Ion Ratio Lower Upper
96 100
61 132.7 93.0 172.6
98 62.3 43.7 81.1

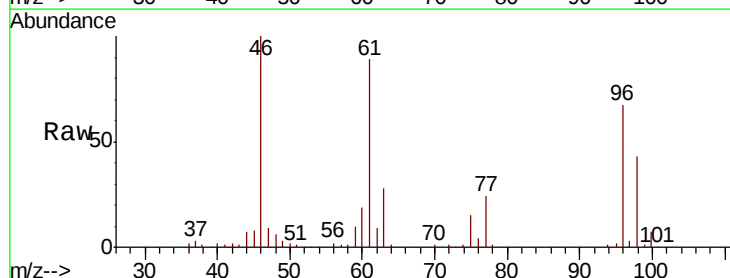


Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 97.95 (97.65 to 98.65): VU0



#22
cis-1,2-Dichloroethene
Concen: 6.319 ug/L
RT: 4.72 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VU035418.D
Acq: 23 Oct 2019 18:50

Tgt Ion: 96 Resp: 114749
Ion Ratio Lower Upper
96 100
61 131.7 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

