

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U070920\
 Data File : VU039407.D
 Acq On : 09 Jul 2020 19:52
 Operator : SY/MD
 Sample : L3231-09DL 10X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4310DL

Quant Time: Jul 10 10:18:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 10 00:19:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	100184	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	92476	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	46636	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	24462	4.21	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.20%
7) Chloroethane-d5	1.92	69	51125	8.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	172.20%#
11) 1,1-Dichloroethene-d2	2.57	63	42979	3.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.20%
20) 2-Butanone-d5	4.65	46	156932	59.07	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.14%
24) Chloroform-d	5.08	84	59894	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	5.72	65	42605	5.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.80%
32) Benzene-d6	5.74	84	126990	5.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.00%
36) 1,2-Dichloropropane-d6	6.70	67	44199	5.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	113.00%
41) Toluene-d8	7.91	98	108579	5.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.60%
43) trans-1,3-Dichloropropene-	8.19	79	17637	5.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.20%
46) 2-Hexanone-d5	8.65	63	121549	59.32	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.64%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	43293	5.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	44947	5.40	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.00%

Target Compounds

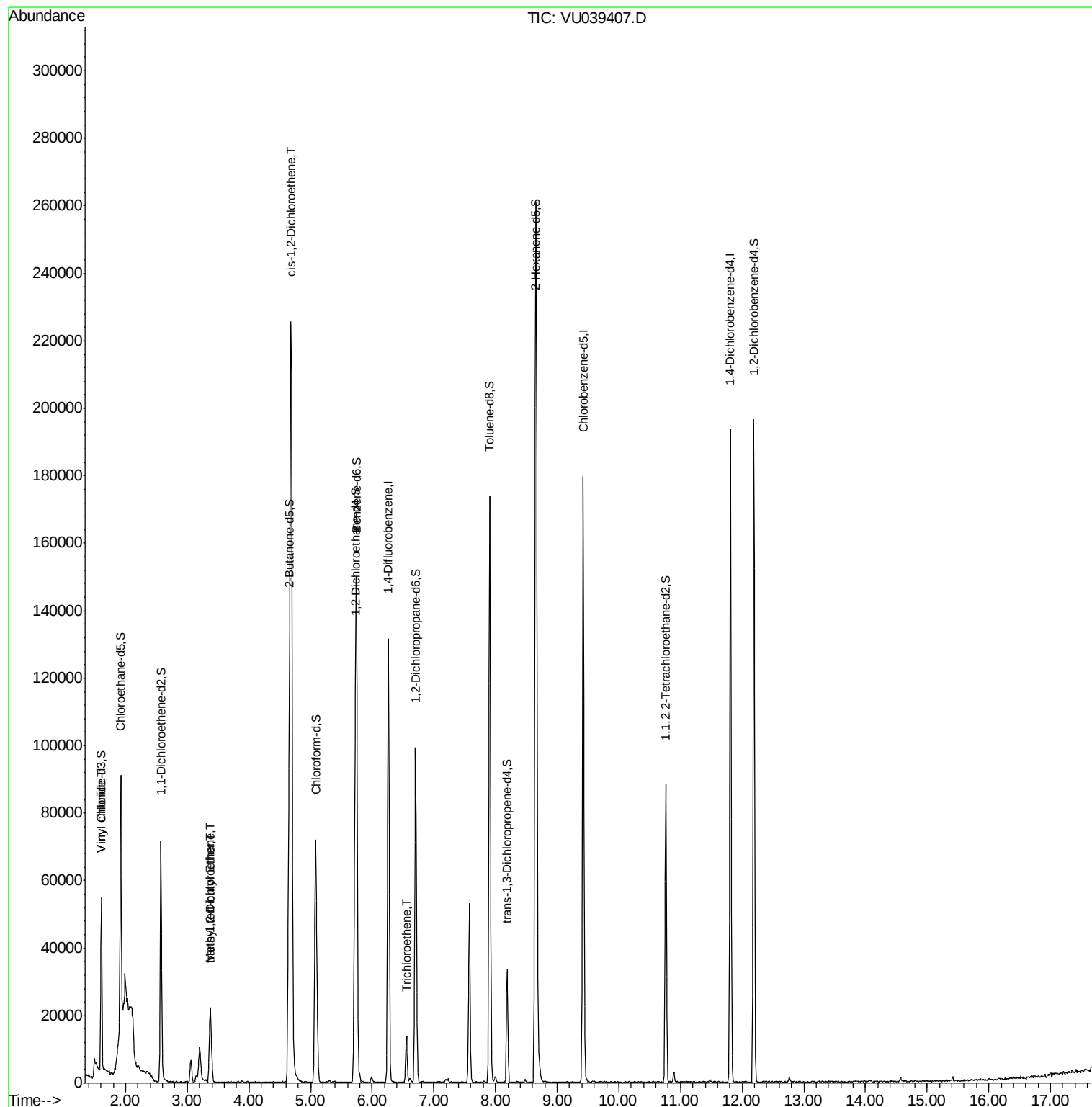
					Ovalue
5) Vinyl chloride	1.61	62	8209	1.005 ug/L #	69
17) Methyl tert-butyl Ether	3.38	73	13255	0.706 ug/L	98
18) trans-1,2-Dichloroethene	3.37	96	5069	0.768 ug/L	95
22) cis-1,2-Dichloroethene	4.69	96	94900	12.831 ug/L	99
34) Trichloroethene	6.56	95	3964	0.555 ug/L	88

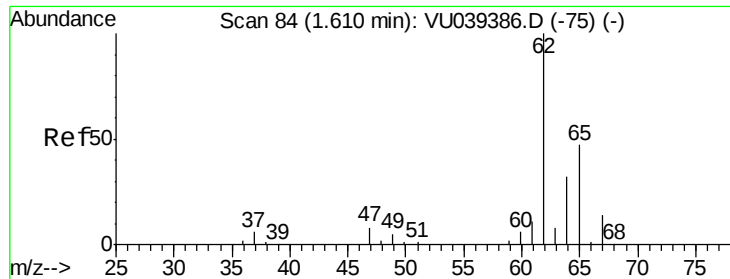
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 1.005 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

Lab File: VU039407.D

Acq: 09 Jul 2020 19:52

Instrument :

MSVOA_U

ClientSampleId :

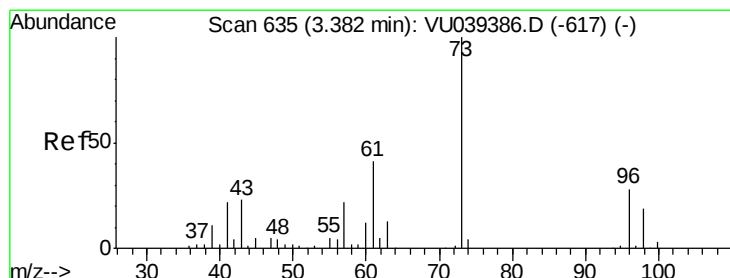
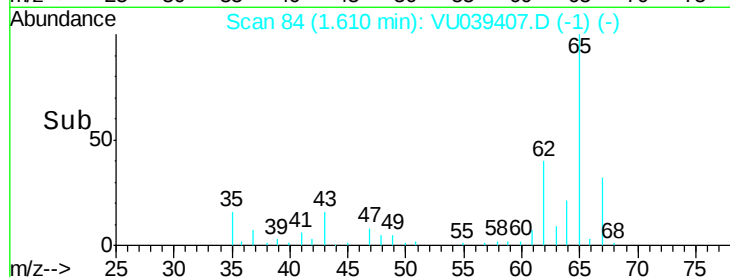
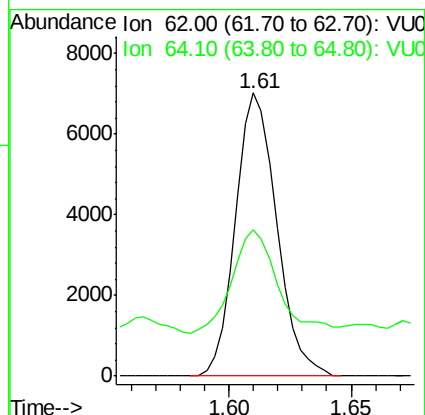
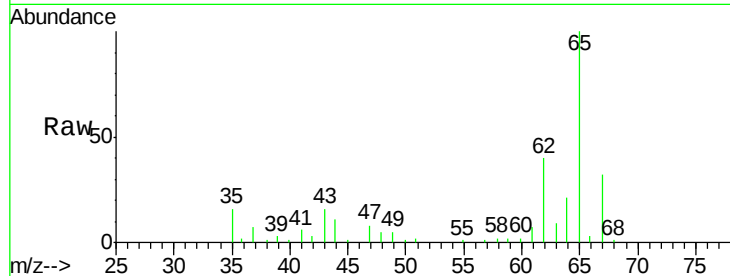
H4310DL

Tot Ion: 62 Resp: 8209

Ion Ratio Lower Upper

62 100

64 51.5 23.7 44.1#



#17

Methyl tert-butyl Ether

Concen: 0.706 ug/L

RT: 3.38 min Scan# 636

Delta R.T. 0.00 min

Lab File: VU039407.D

Acq: 09 Jul 2020 19:52

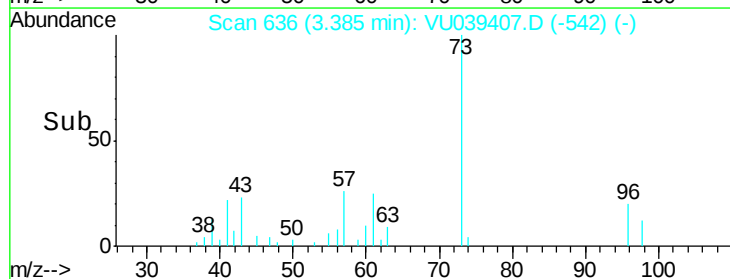
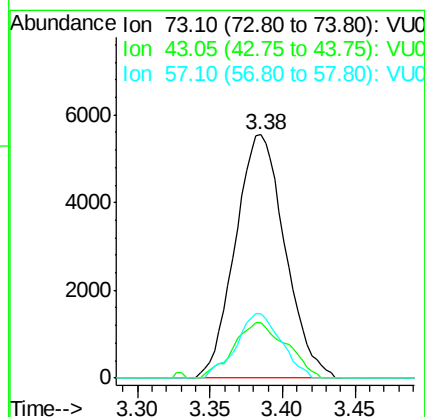
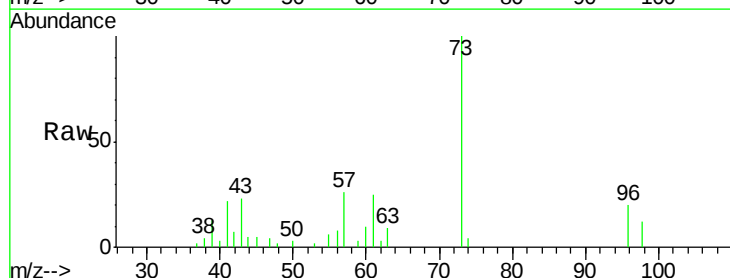
Tgt Ion: 73 Resp: 13255

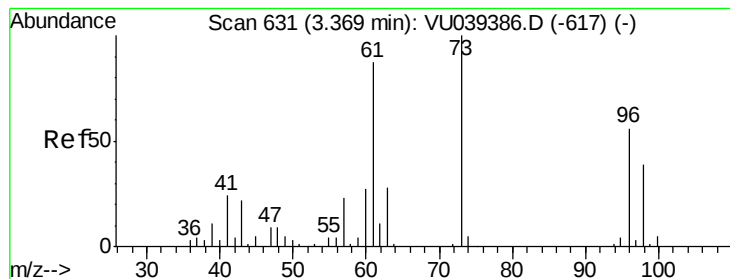
Ion Ratio Lower Upper

73 100

43 24.2 18.6 28.0

57 23.9 17.9 26.9





#18

trans-1,2-Dichloroethene

Concen: 0.768 ug/L

RT: 3.37 min Scan# 630

Delta R.T. -0.00 min

Lab File: VU039407.D

Acq: 09 Jul 2020 19:52

Instrument :

MSVOA_U

ClientSampleId :

H4310DL

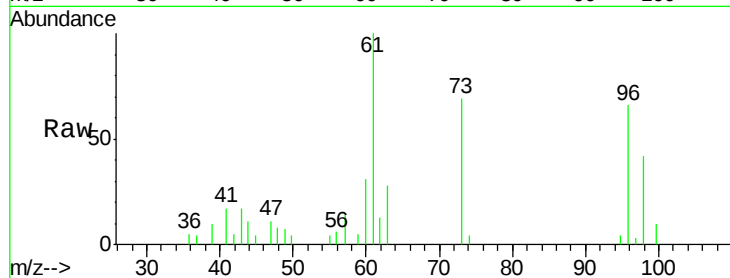
Tot Ion: 96 Resp: 5069

Ion Ratio Lower Upper

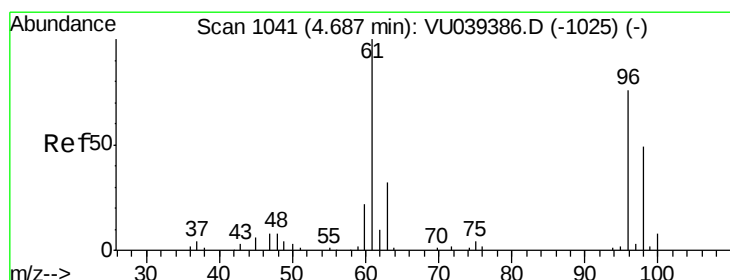
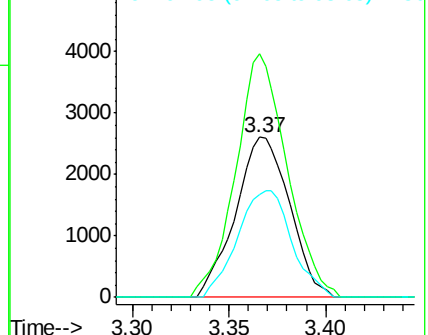
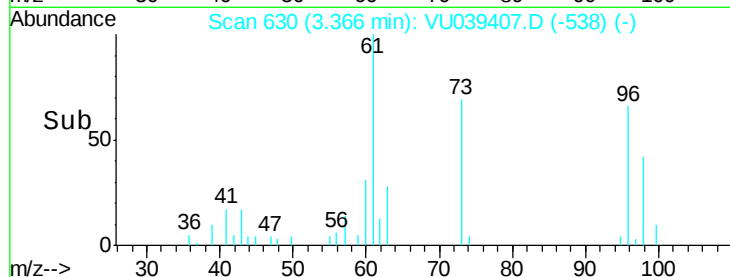
96 100

61 152.1 102.1 189.5

98 64.0 42.5 78.9



Abundance Ion 96.00 (95.70 to 96.70): VU039407.D (-538) (-)



#22

cis-1,2-Dichloroethene

Concen: 12.831 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. 0.00 min

Lab File: VU039407.D

Acq: 09 Jul 2020 19:52

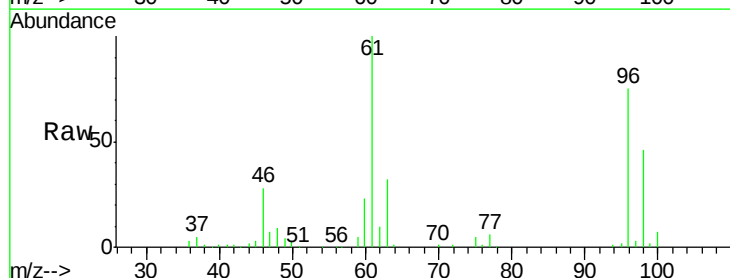
Tgt Ion: 96 Resp: 94900

Ion Ratio Lower Upper

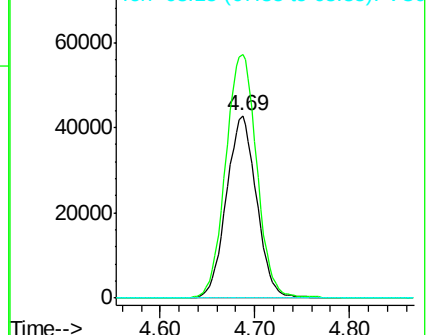
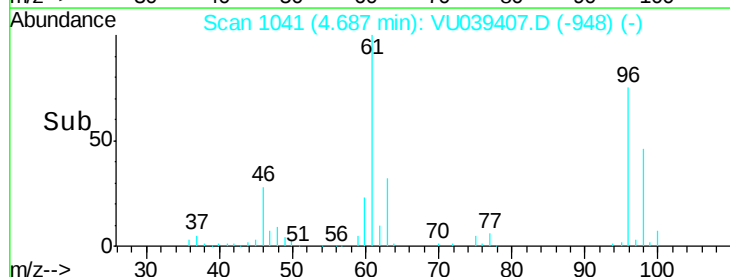
96 100

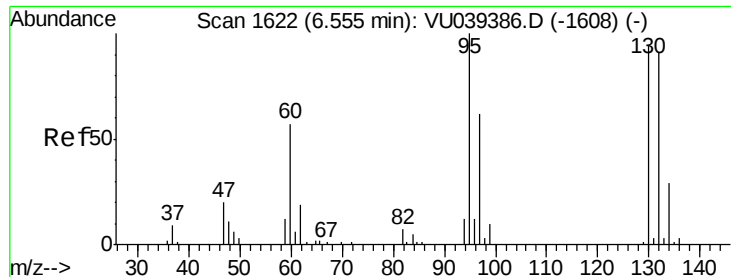
61 133.5 92.8 172.4

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU039407.D (-948) (-)





#34
 Trichloroethene
 Concen: 0.555 ug/L
 RT: 6.56 min Scan# 1622
 Delta R.T. 0.00 min
 Lab File: VU039407.D
 Acq: 09 Jul 2020 19:52

Instrument :
 MSVOA_U
 ClientSampleId :
 H4310DL

Tot Ion:	95	Resp:	3964
Ion	Ratio	Lower	Upper
95	100		
97	67.2	46.3	85.9
132	108.2	64.0	118.8
130	105.5	64.3	119.5

