

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U070720\
 Data File : VU039335.D
 Acq On : 07 Jul 2020 23:24
 Operator : SY/MD
 Sample : L3193-05DL 10X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4285DL

Quant Time: Jul 08 03:03:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 08 01:44:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	117848	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	109742	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	54411	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	37837	5.54	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	110.80%
7) Chloroethane-d5	1.92	69	59748	8.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	171.00%#
11) 1,1-Dichloroethene-d2	2.57	63	60658	4.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.20%
20) 2-Butanone-d5	4.66	46	185280	59.29	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.58%
24) Chloroform-d	5.08	84	79601	5.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.40%
26) 1,2-Dichloroethane-d4	5.72	65	52993	5.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.00%
32) Benzene-d6	5.74	84	166780	6.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	126.20%#
36) 1,2-Dichloropropane-d6	6.70	67	56339	6.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	121.40%
41) Toluene-d8	7.91	98	145115	6.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	126.80%
43) trans-1,3-Dichloropropene-	8.19	79	23180	5.66	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	113.20%
46) 2-Hexanone-d5	8.66	63	145313	59.76	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.52%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	52359	5.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	58208	5.99	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	119.80%

Target Compounds

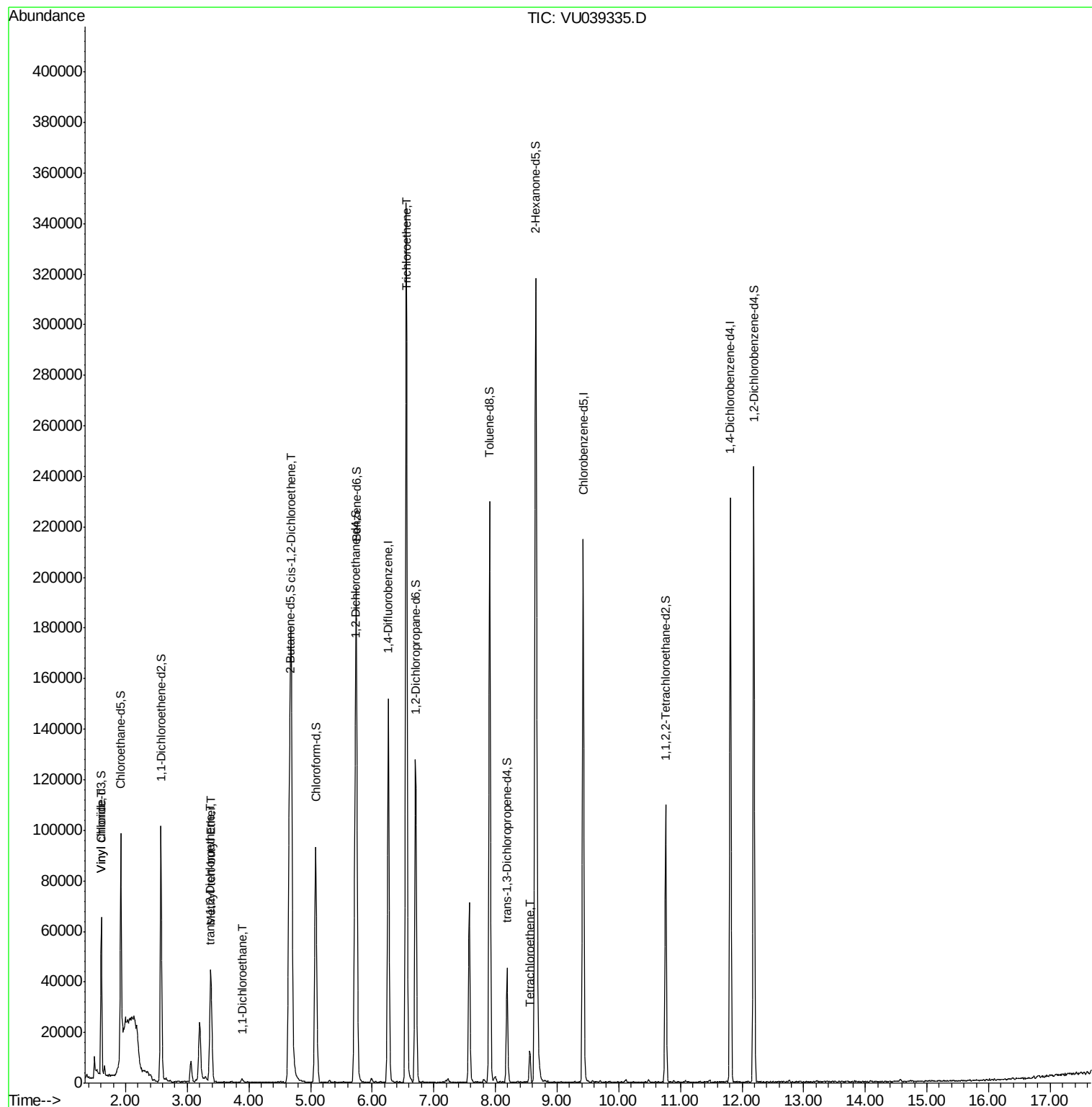
					Ovalue
5) Vinyl chloride	1.61	62	4666	0.486 ug/L #	56
17) Methyl tert-butyl Ether	3.39	73	46414	2.102 ug/L	99
18) trans-1,2-Dichloroethene	3.36	96	2130	0.275 ug/L	94
19) 1,1-Dichloroethane	3.89	63	1920	0.126 ug/L	93
22) cis-1,2-Dichloroethene	4.69	96	61090	7.022 ug/L	97
34) Trichloroethene	6.56	95	111810	13.182 ug/L	98
47) Tetrachloroethene	8.56	164	2800	0.475 ug/L	89

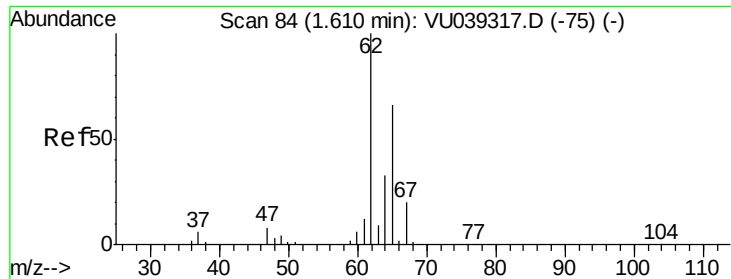
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jul 08 01:44:57 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.486 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

Lab File: VU039335.D

Acq: 07 Jul 2020 23:24

Instrument :

MSVOA_U

ClientSampleId :

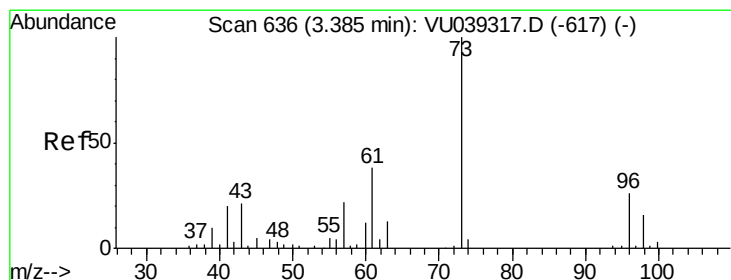
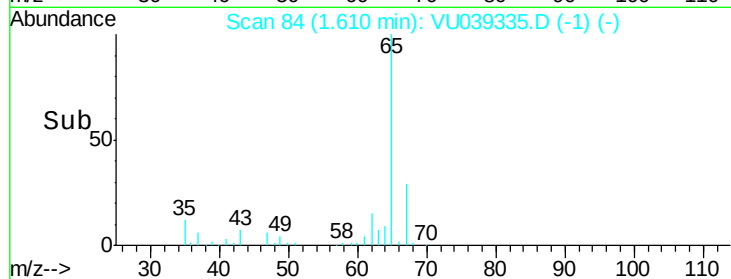
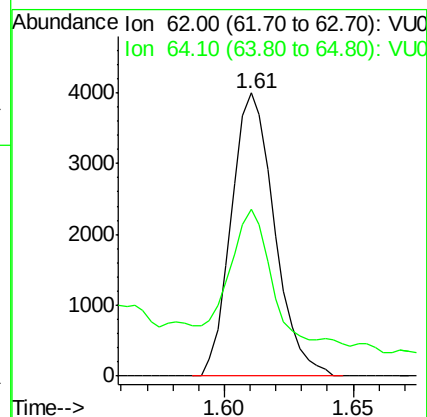
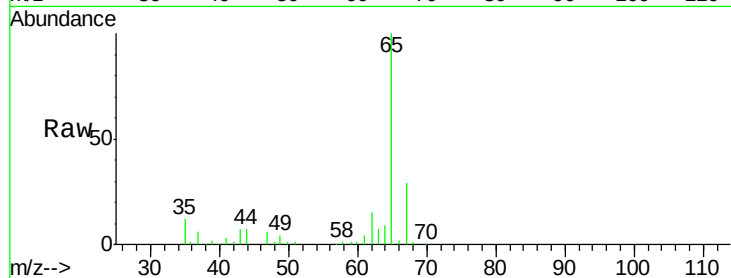
H4285DL

Tot Ion: 62 Resp: 4666

Ion Ratio Lower Upper

62 100

64 58.8 23.7 44.1#



#17

Methyl tert-butyl Ether

Concen: 2.102 ug/L

RT: 3.39 min Scan# 636

Delta R.T. 0.00 min

Lab File: VU039335.D

Acq: 07 Jul 2020 23:24

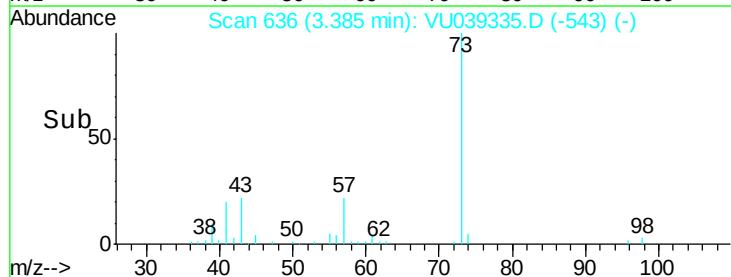
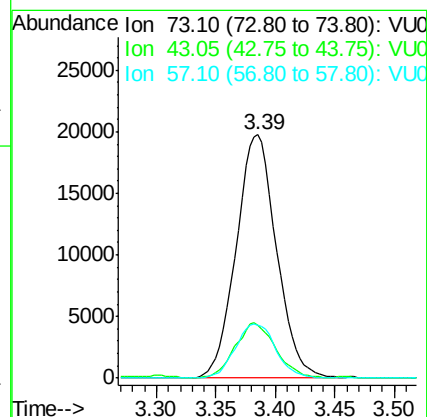
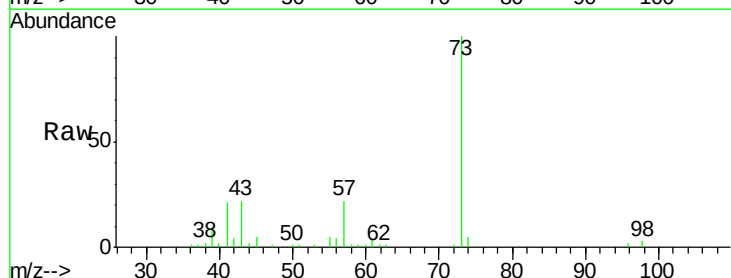
Tgt Ion: 73 Resp: 46414

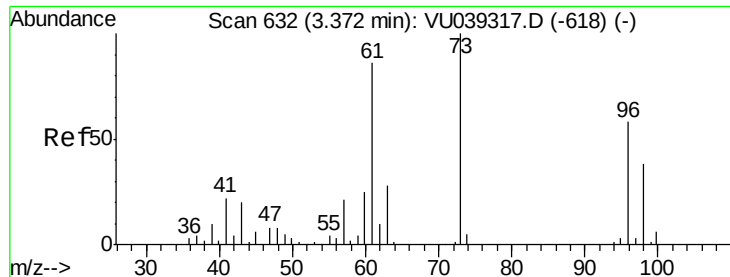
Ion Ratio Lower Upper

73 100

43 22.7 18.6 28.0

57 22.3 17.9 26.9



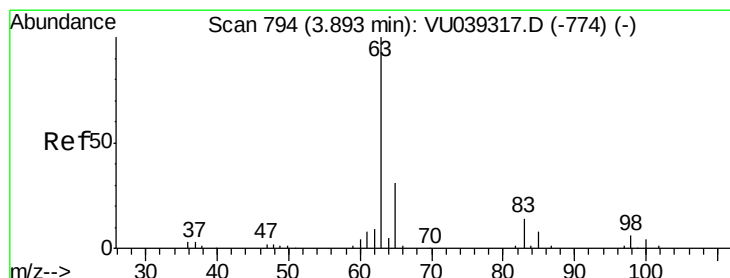
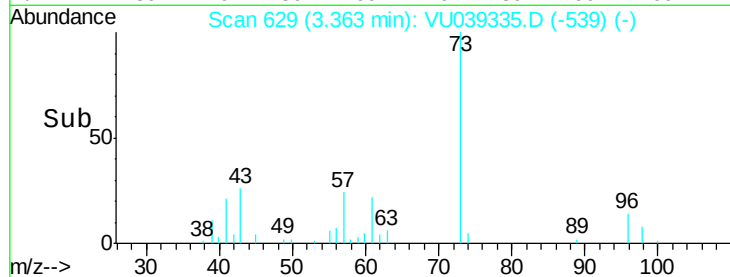
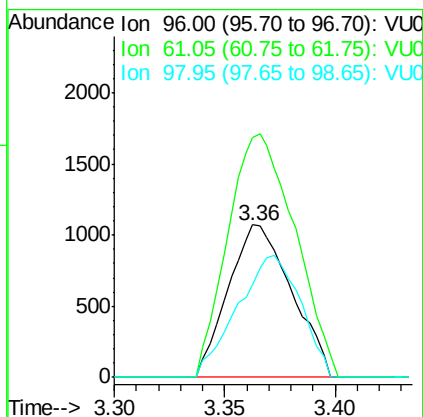
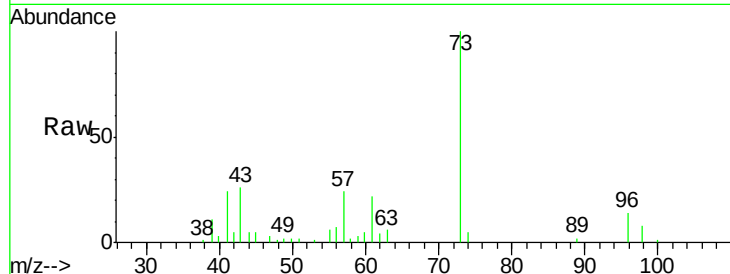


#18
 trans-1,2-Dichloroethene
 Concen: 0.275 ug/L
 RT: 3.36 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: VU039335.D
 Acq: 07 Jul 2020 23:24

Instrument :
 MSVOA_U
 ClientSampleId :
 H4285DL

Tot Ion: 96 Resp: 2130

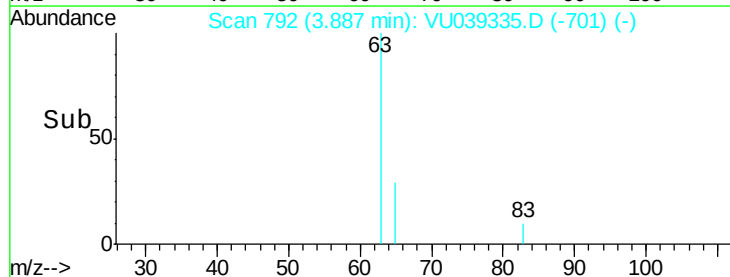
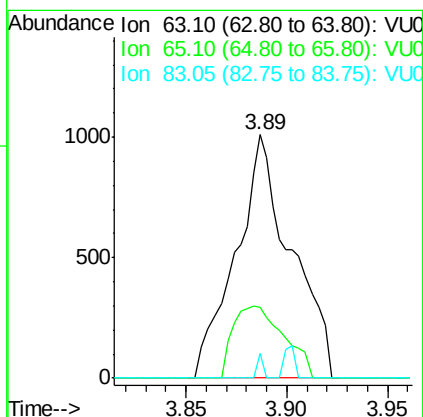
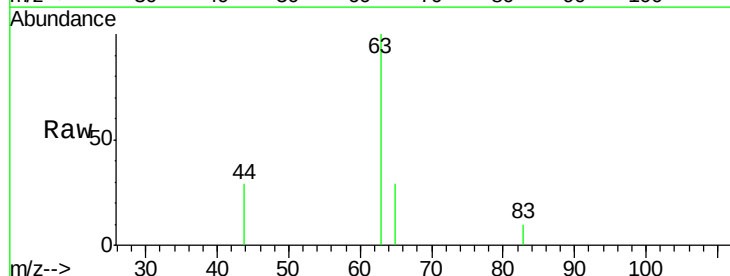
Ion	Ratio	Lower	Upper
96	100		
61	157.1	102.1	189.5
98	60.9	42.5	78.9

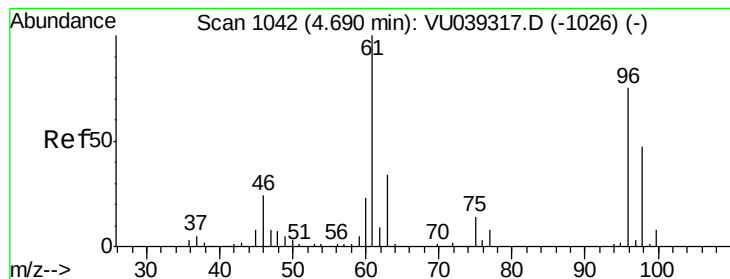


#19
 1,1-Dichloroethane
 Concen: 0.126 ug/L
 RT: 3.89 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: VU039335.D
 Acq: 07 Jul 2020 23:24

Tgt Ion: 63 Resp: 1920

Ion	Ratio	Lower	Upper
63	100		
65	29.3	23.0	42.6
83	10.4	9.6	17.8





#22

cis-1,2-Dichloroethene

Concen: 7.022 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. -0.00 min

Lab File: VU039335.D

Acq: 07 Jul 2020 23:24

Instrument :

MSVOA_U

ClientSampleId :

H4285DL

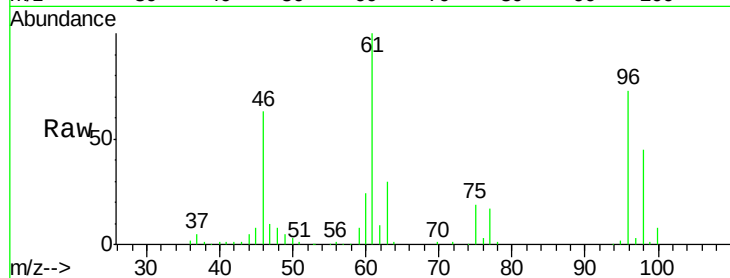
Tot Ion: 96 Resp: 61090

Ion Ratio Lower Upper

96 100

61 136.1 92.8 172.4

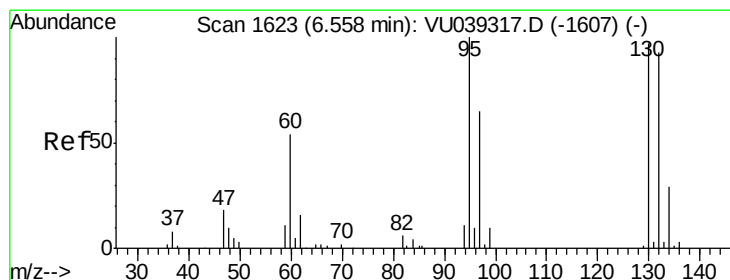
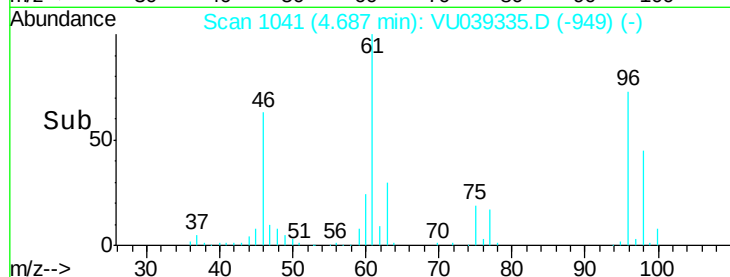
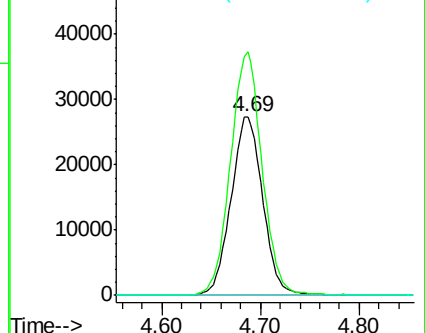
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU039317.D (-1026) (-)

Ion 61.05 (60.75 to 61.75): VU039317.D (-1026) (-)

Ion 68.15 (67.85 to 68.85): VU039317.D (-1026) (-)



#34

Trichloroethene

Concen: 13.182 ug/L

RT: 6.56 min Scan# 1622

Delta R.T. -0.00 min

Lab File: VU039335.D

Acq: 07 Jul 2020 23:24

Tgt Ion: 95 Resp: 111810

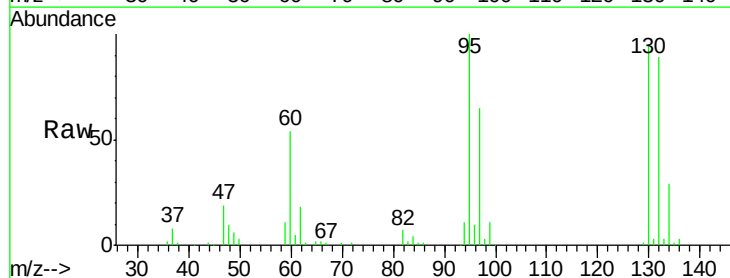
Ion Ratio Lower Upper

95 100

97 64.7 46.3 85.9

132 89.4 64.0 118.8

130 94.9 64.3 119.5

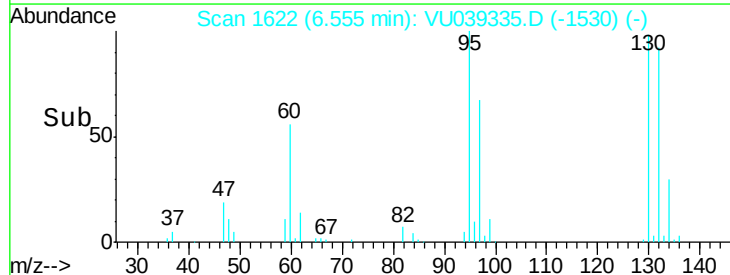
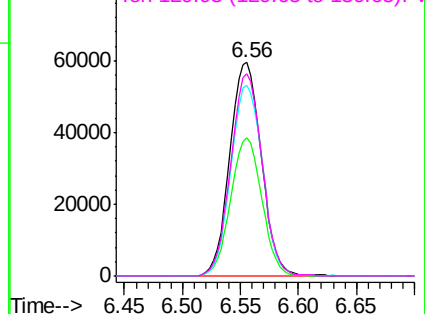


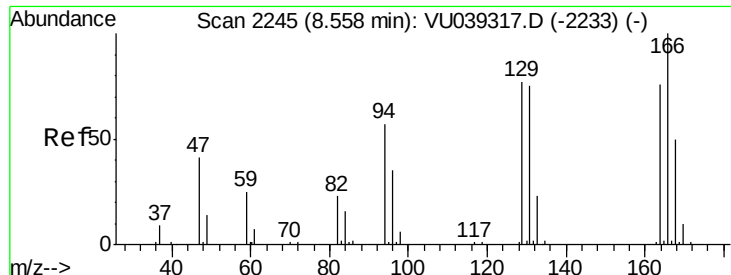
Abundance Ion 95.00 (94.70 to 95.70): VU039317.D (-1607) (-)

Ion 96.95 (96.65 to 97.65): VU039317.D (-1607) (-)

Ion 131.95 (131.65 to 132.65): VU039317.D (-1607) (-)

Ion 129.95 (129.65 to 130.65): VU039317.D (-1607) (-)





#47

Tetrachloroethene

Concen: 0.475 ug/L

RT: 8.56 min Scan# 2246

Delta R.T. 0.00 min

Lab File: VU039335.D

Acq: 07 Jul 2020 23:24

Instrument :

MSVOA_U

ClientSampleId :

H4285DL

Tot Ion:164 Resp: 2800

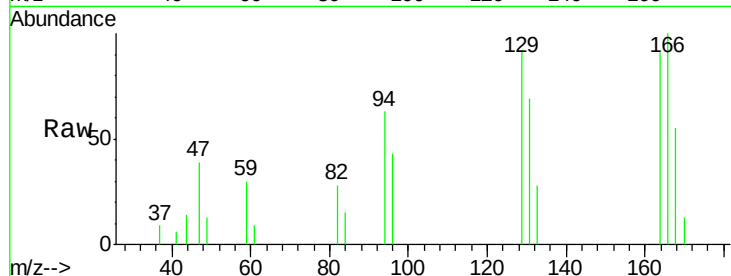
Ion Ratio Lower Upper

164 100

129 100.5 68.6 127.4

131 75.1 66.4 123.4

166 109.6 85.9 159.5



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

