

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070620\
 Data File : VU039305.D
 Acq On : 06 Jul 2020 20:38
 Operator : SY/MD
 Sample : L3193-17
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4287

Quant Time: Jul 07 03:53:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jul 07 01:17:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	113658	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	105941	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	50460	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	43569	4.98	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.60%
7) Chloroethane-d5	1.92	69	38345	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.80%
11) 1,1-Dichloroethene-d2	2.58	63	62761	3.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.20%
20) 2-Butanone-d5	4.66	46	158708	48.18	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.36%
24) Chloroform-d	5.09	84	85617	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.40%
26) 1,2-Dichloroethane-d4	5.72	65	50526	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
32) Benzene-d6	5.75	84	169071	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.00%
36) 1,2-Dichloropropane-d6	6.71	67	56425	5.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.20%
41) Toluene-d8	7.91	98	150919	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
43) trans-1,3-Dichloropropene-	8.19	79	22548	4.50	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.00%
46) 2-Hexanone-d5	8.64	63	122931	46.56	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.12%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	49106	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	57836	5.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.60%

Target Compounds

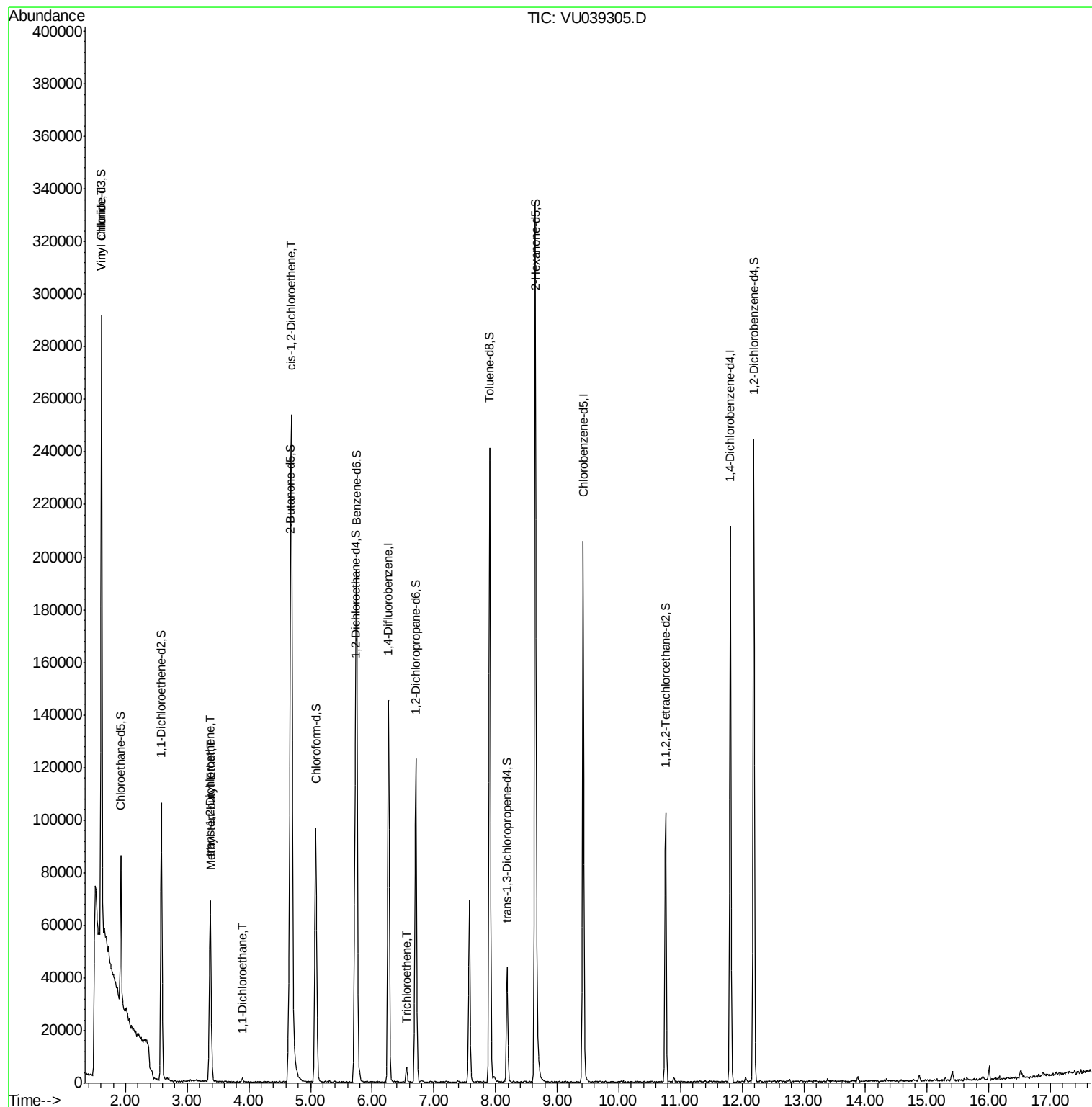
					Ovalue
5) Vinyl chloride	1.61	62	118028	13.938	ug/L # 56
17) Methyl tert-butyl Ether	3.39	73	7722	0.365	ug/L 94
18) trans-1,2-Dichloroethene	3.38	96	24811	3.544	ug/L 96
19) 1,1-Dichloroethane	3.90	63	1865	0.133	ug/L 92
22) cis-1,2-Dichloroethene	4.69	96	105445	13.220	ug/L 99
34) Trichloroethene	6.56	95	1705	0.221	ug/L 93

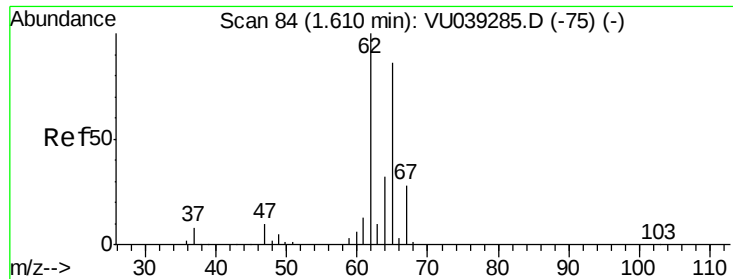
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 13.938 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

Lab File: VU039305.D

Acq: 06 Jul 2020 20:38

Instrument :

MSVOA_U

ClientSampled :

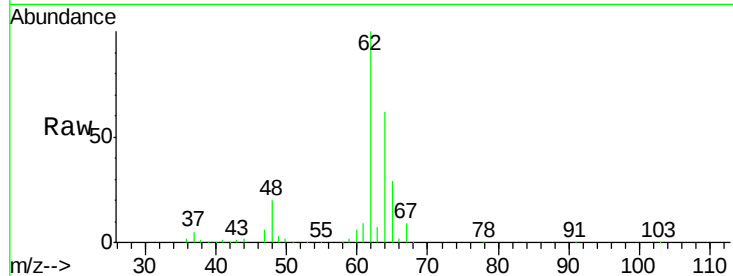
H4287

Tot Ion: 62 Resp: 118028

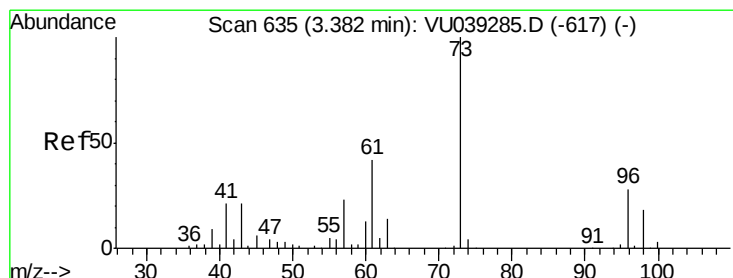
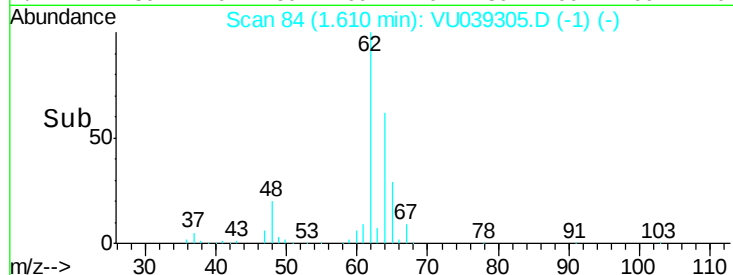
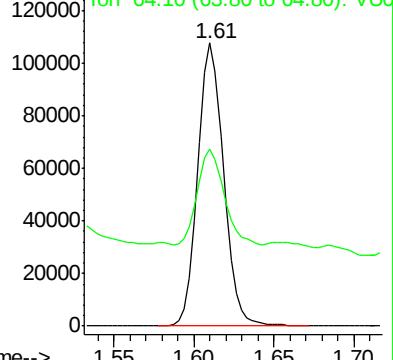
Ion Ratio Lower Upper

62 100

64 62.5 25.6 47.4#



Abundance Ion 62.00 (61.70 to 62.70): VU039305.D (-1) (-)



#17

Methyl tert-butyl Ether

Concen: 0.365 ug/L

RT: 3.39 min Scan# 637

Delta R.T. 0.01 min

Lab File: VU039305.D

Acq: 06 Jul 2020 20:38

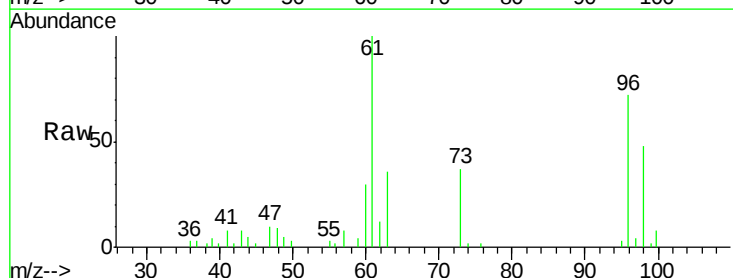
Tgt Ion: 73 Resp: 7722

Ion Ratio Lower Upper

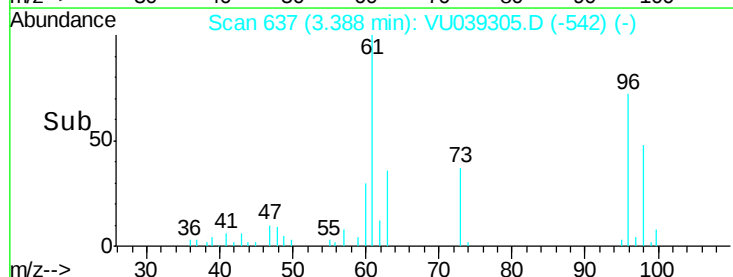
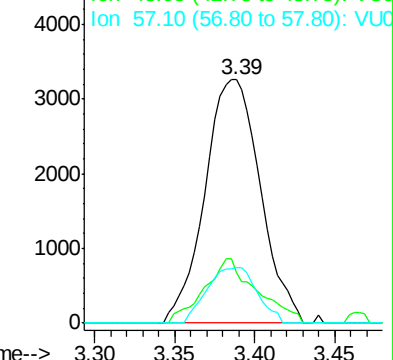
73 100

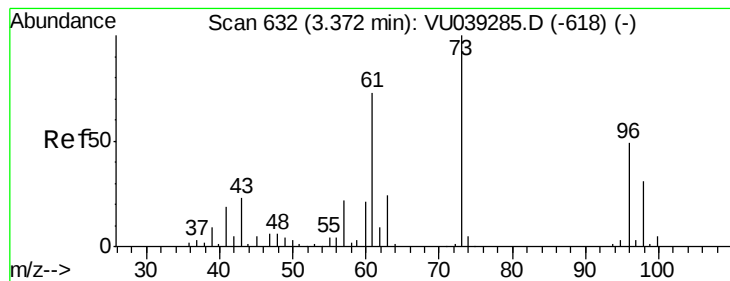
43 25.1 17.5 26.3

57 20.5 18.6 27.8



Abundance Ion 73.10 (72.80 to 73.80): VU039305.D (-542) (-)





#18

trans-1,2-Dichloroethene

Concen: 3.544 ug/L

RT: 3.38 min Scan# 633

Delta R.T. 0.00 min

Lab File: VU039305.D

Acq: 06 Jul 2020 20:38

Instrument :

MSVOA_U

ClientSampleId :

H4287

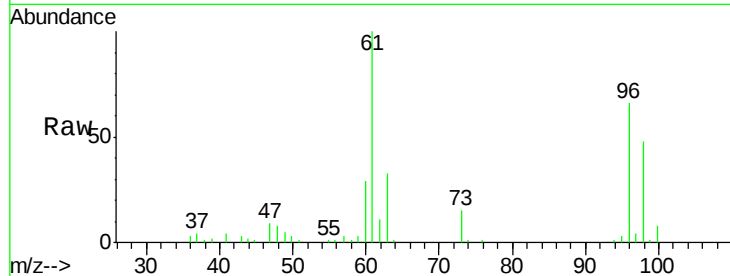
Tot Ion: 96 Resp: 24811

Ion Ratio Lower Upper

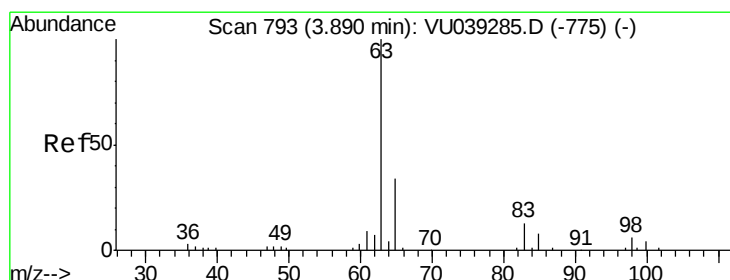
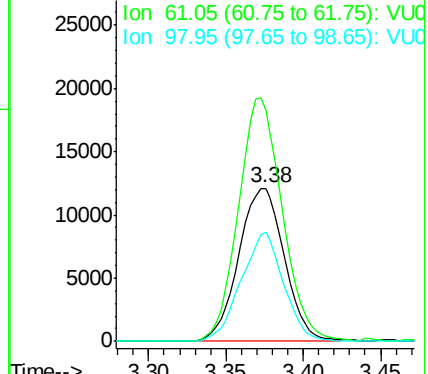
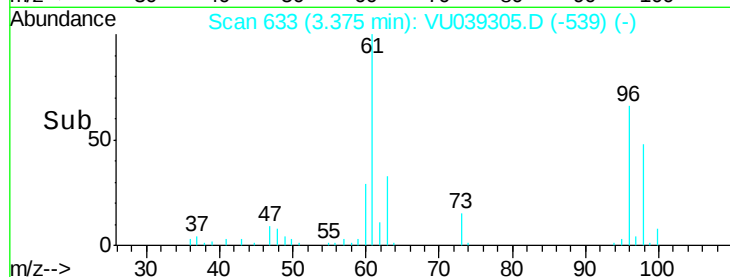
96 100

61 150.4 104.7 194.5

98 71.5 43.1 80.1



Abundance Ion 96.00 (95.70 to 96.70): VU039305.D (-539) (-)



#19

1,1-Dichloroethane

Concen: 0.133 ug/L

RT: 3.90 min Scan# 795

Delta R.T. 0.01 min

Lab File: VU039305.D

Acq: 06 Jul 2020 20:38

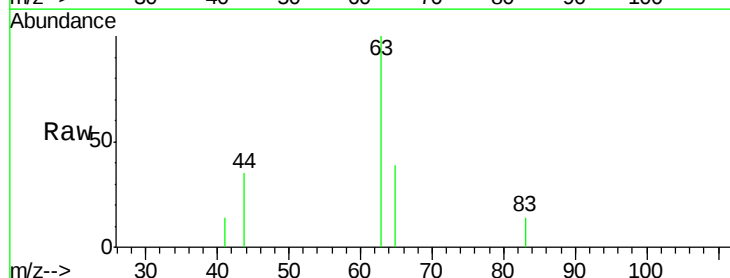
Tgt Ion: 63 Resp: 1865

Ion Ratio Lower Upper

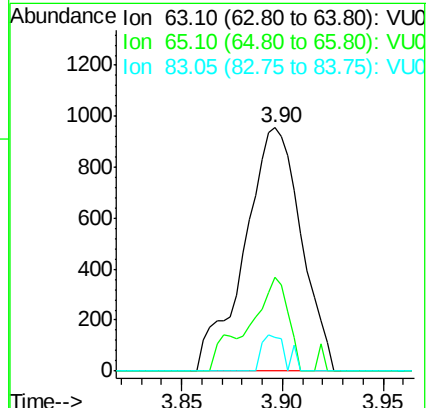
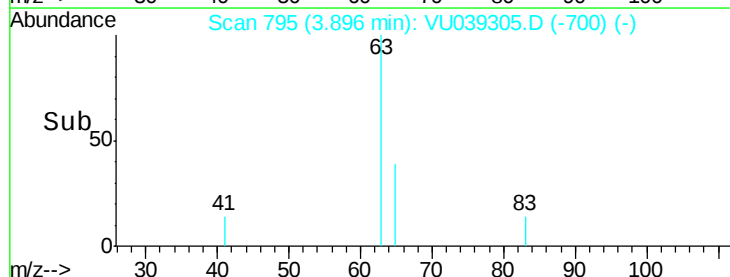
63 100

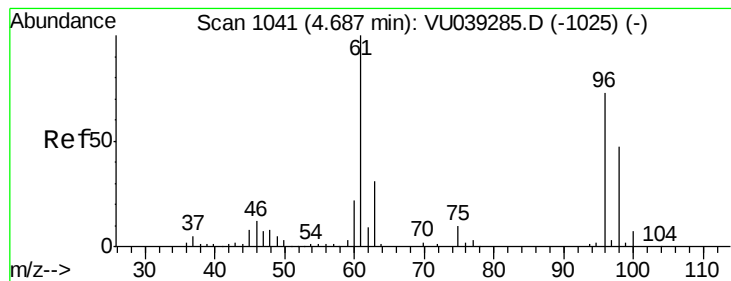
65 38.6 22.7 42.3

83 13.6 9.1 16.9



Abundance Ion 63.10 (62.80 to 63.80): VU039305.D (-700) (-)





#22

cis-1,2-Dichloroethene

Concen: 13.220 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. 0.00 min

Lab File: VU039305.D

Acq: 06 Jul 2020 20:38

Instrument :

MSVOA_U

ClientSampled :

H4287

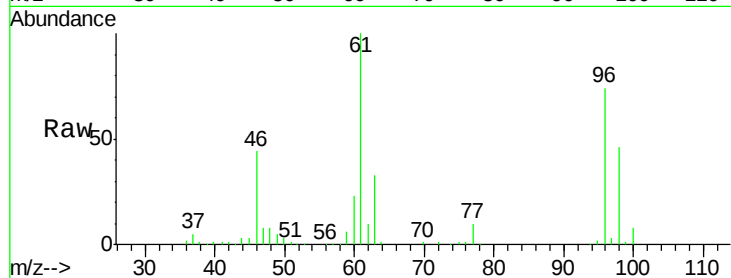
Tot Ion: 96 Resp: 105445

Ion Ratio Lower Upper

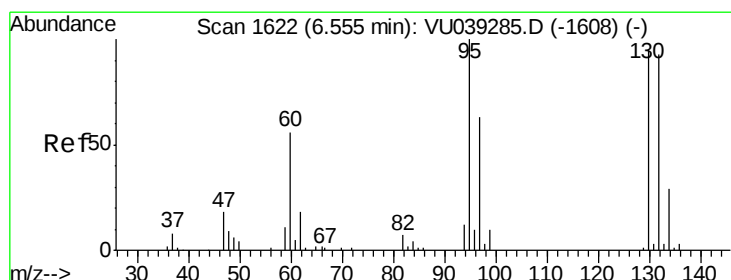
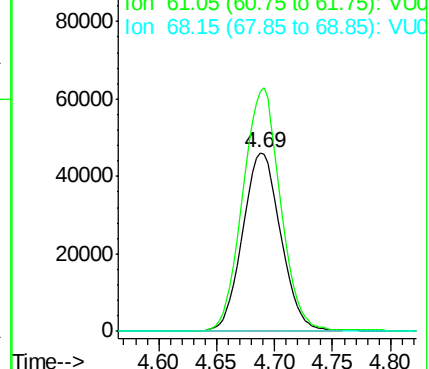
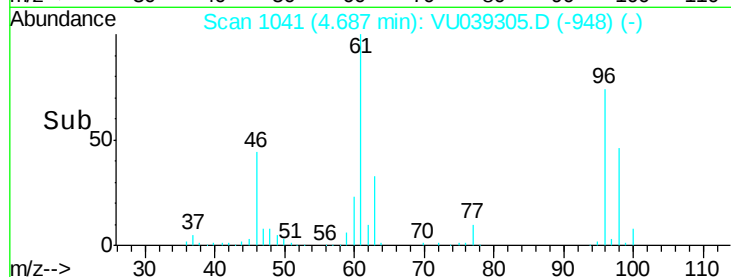
96 100

61 134.4 93.7 173.9

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU039305.D (-948) (-)



#34

Trichloroethene

Concen: 0.221 ug/L

RT: 6.56 min Scan# 1623

Delta R.T. 0.00 min

Lab File: VU039305.D

Acq: 06 Jul 2020 20:38

Tgt Ion: 95 Resp: 1705

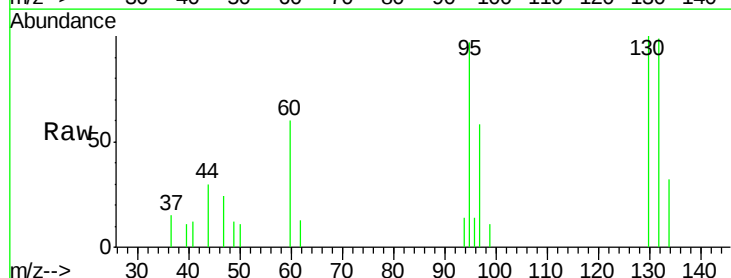
Ion Ratio Lower Upper

95 100

97 60.4 47.0 87.2

132 102.6 65.0 120.8

130 103.6 69.8 129.6



Abundance Ion 95.00 (94.70 to 95.70): VU039305.D (-1529) (-)

