

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU063020\
 Data File : VU039266.D
 Acq On : 01 Jul 2020 07:43
 Operator : SY/MD
 Sample : L3134-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETYK5

Quant Time: Jul 01 09:29:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR063020WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 01 08:49:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	192779	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.43	117	193436	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	85512	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	73975	5.56	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	111.20%
7) Chloroethane-d5	1.93	69	66775	5.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.40%
11) 1,1-Dichloroethene-d2	2.59	63	94004	3.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.00%
20) 2-Butanone-d5	4.68	46	163933	30.42	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	60.84%
24) Chloroform-d	5.10	84	121992	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.00%
26) 1,2-Dichloroethane-d4	5.74	65	76002	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
32) Benzene-d6	5.76	84	231426	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
36) 1,2-Dichloropropane-d6	6.72	67	69910	4.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.20%
41) Toluene-d8	7.92	98	184998	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
43) trans-1,3-Dichloropropene-	8.20	79	28111	3.76	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.20%
46) 2-Hexanone-d5	8.66	63	111834	29.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	58.18%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	56219	3.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	69.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	73674	4.75	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.00%

Target Compounds

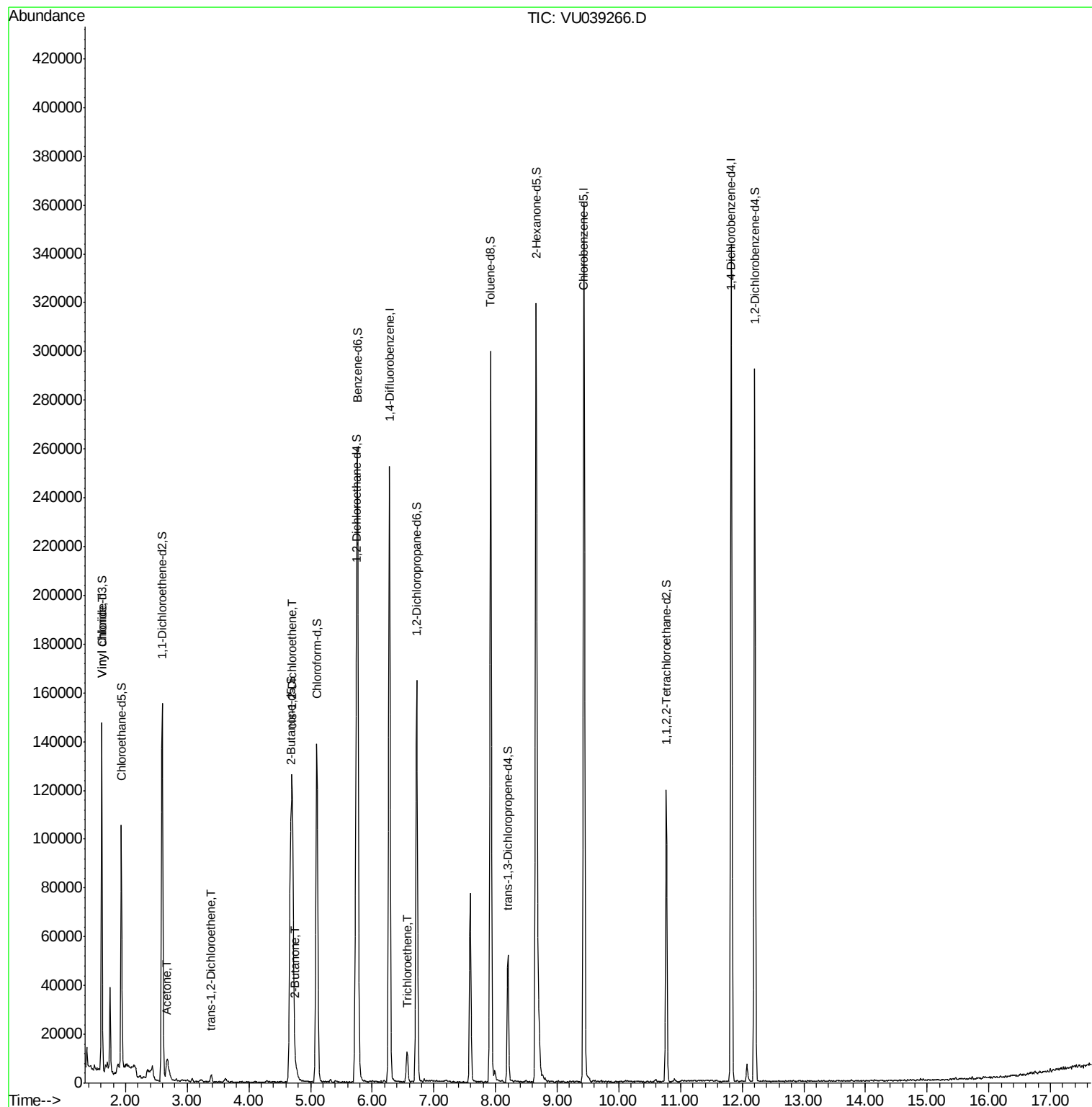
					Ovalue
5) Vinyl chloride	1.62	62	20946	1.099 ug/L	94
13) Acetone	2.68	43	18455	5.617 ug/L	94
18) trans-1,2-Dichloroethene	3.39	96	1307	0.093 ug/L	94
21) 2-Butanone	4.75	43	6099	1.181 ug/L	91
22) cis-1,2-Dichloroethene	4.71	96	43077	2.900 ug/L	94
34) Trichloroethene	6.57	95	3091	0.207 ug/L	88

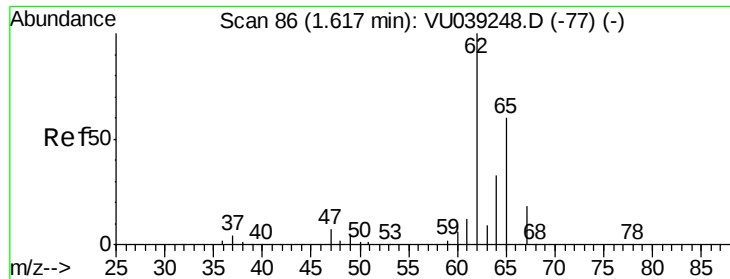
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 1.099 ug/L

RT: 1.62 min Scan# 86

Delta R.T. 0.00 min

Lab File: VU039266.D

Acq: 01 Jul 2020 07:43

Instrument :

MSVOA_U

ClientSampleId :

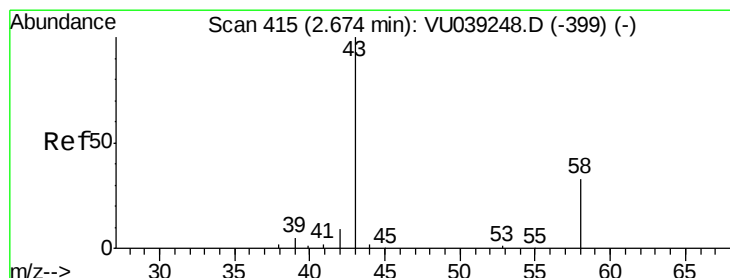
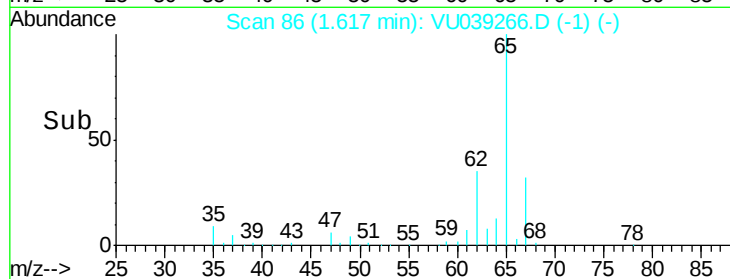
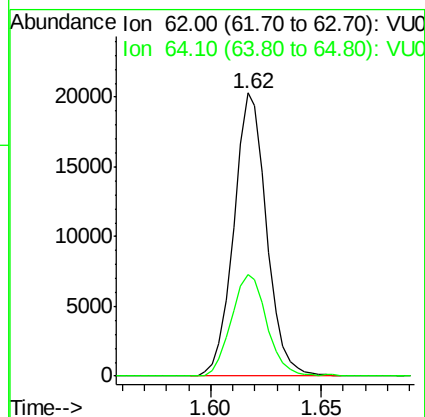
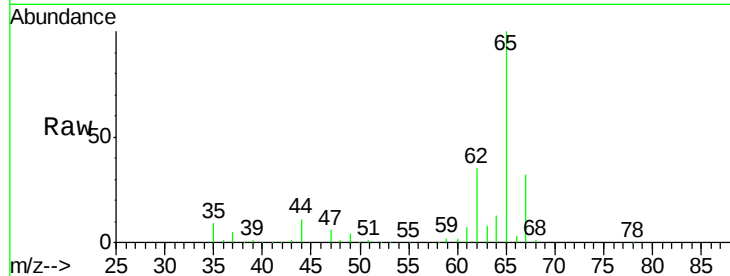
ETVK5

Tot Ion: 62 Resp: 20946

Ion Ratio Lower Upper

62 100

64 36.1 22.8 42.4



#13

Acetone

Concen: 5.617 ug/L

RT: 2.68 min Scan# 416

Delta R.T. 0.00 min

Lab File: VU039266.D

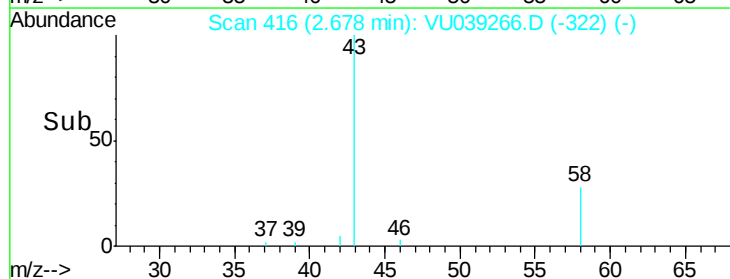
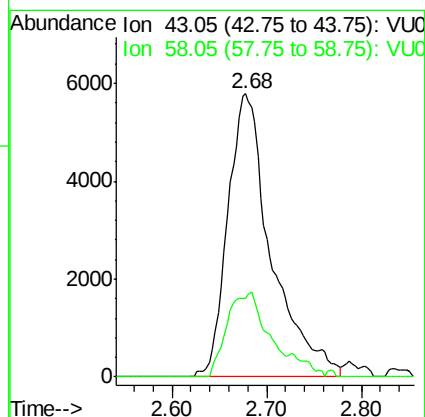
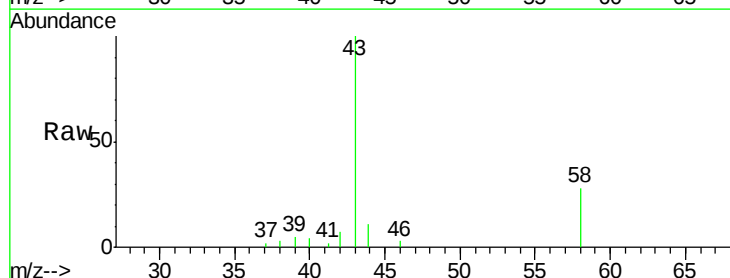
Acq: 01 Jul 2020 07:43

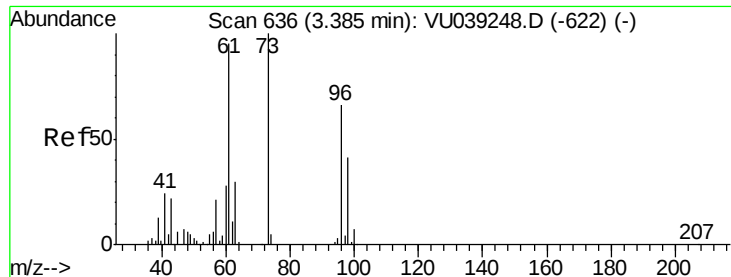
Tgt Ion: 43 Resp: 18455

Ion Ratio Lower Upper

43 100

58 27.0 0.0 61.0





#18

trans-1,2-Dichloroethene

Concen: 0.093 ug/L

RT: 3.39 min Scan# 636

Delta R.T. 0.00 min

Lab File: VU039266.D

Acq: 01 Jul 2020 07:43

Instrument :

MSVOA_U

ClientSampleId :

ETK5

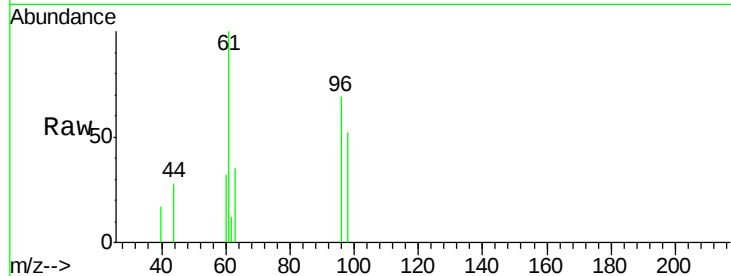
Tot Ion: 96 Resp: 1307

Ion Ratio Lower Upper

96 100

61 145.5 103.3 191.8

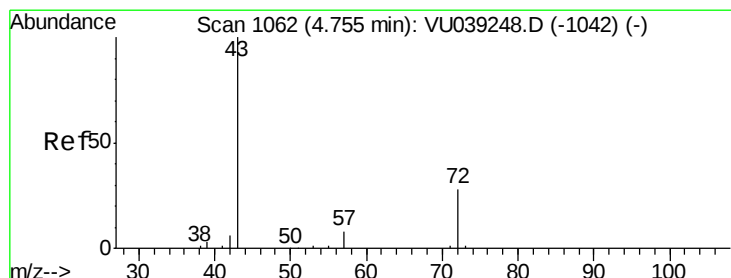
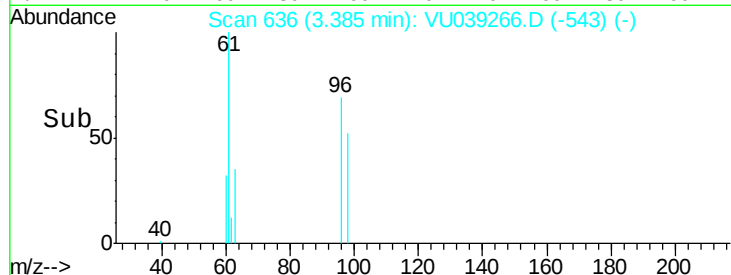
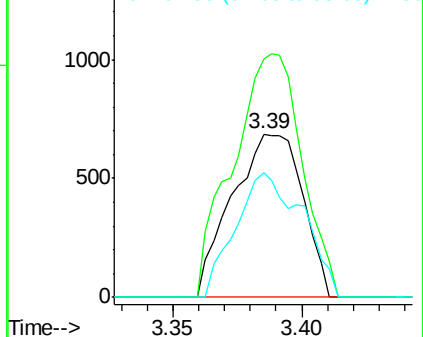
98 76.3 44.0 81.8



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



#21

2-Butanone

Concen: 1.181 ug/L

RT: 4.75 min Scan# 1061

Delta R.T. -0.00 min

Lab File: VU039266.D

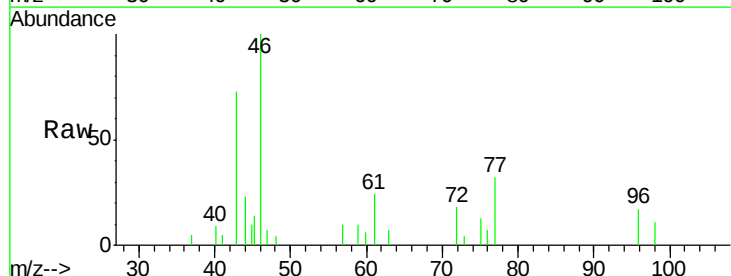
Acq: 01 Jul 2020 07:43

Tgt Ion: 43 Resp: 6099

Ion Ratio Lower Upper

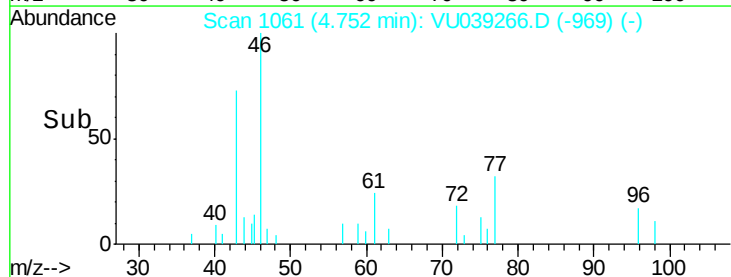
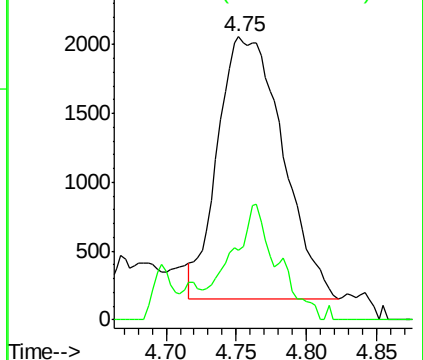
43 100

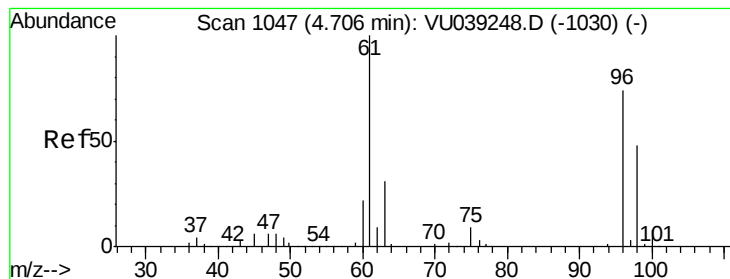
72 32.1 13.7 41.0



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 72.10 (71.80 to 72.80): VU0





#22

cis-1,2-Dichloroethene

Concen: 2.900 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. 0.00 min

Lab File: VU039266.D

Acq: 01 Jul 2020 07:43

Instrument :

MSVOA_U

ClientSampleId :

ETVK5

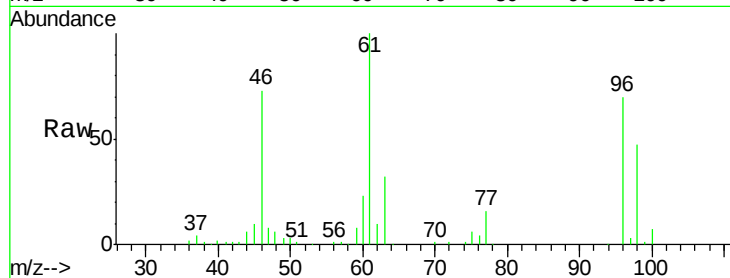
Tot Ion: 96 Resp: 43077

Ion Ratio Lower Upper

96 100

61 141.9 94.2 175.0

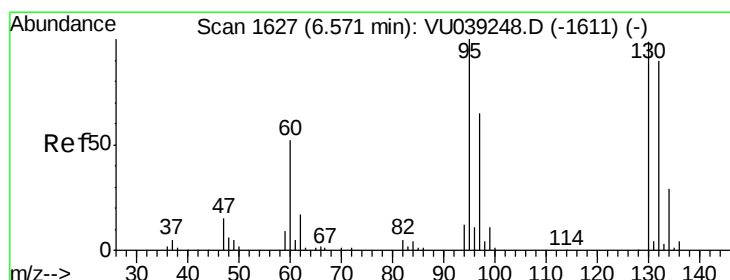
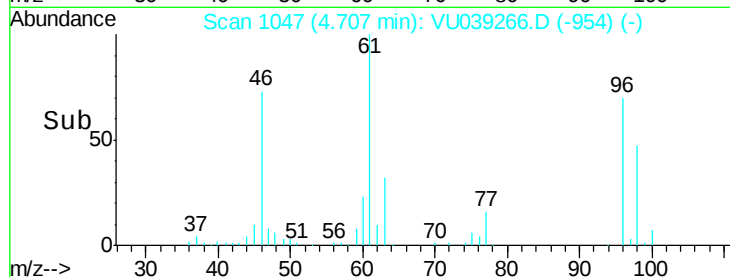
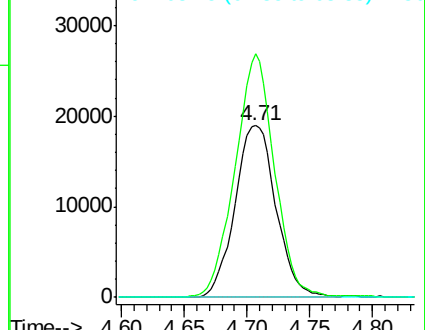
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU039266.D (-1534) (-)

Ion 61.05 (60.75 to 61.75): VU039266.D (-1534) (-)

Ion 68.15 (67.85 to 68.85): VU039266.D (-1534) (-)



#34

Trichloroethene

Concen: 0.207 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VU039266.D

Acq: 01 Jul 2020 07:43

Tgt Ion: 95 Resp: 3091

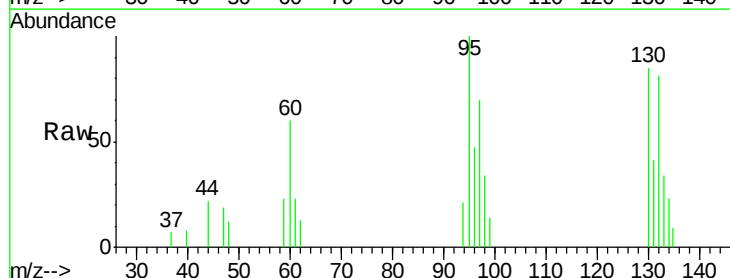
Ion Ratio Lower Upper

95 100

97 70.0 44.0 81.8

132 81.2 64.9 120.5

130 84.8 68.7 127.5



Abundance Ion 95.00 (94.70 to 95.70): VU039266.D (-1534) (-)

Ion 96.95 (96.65 to 97.65): VU039266.D (-1534) (-)

Ion 131.95 (131.65 to 132.65): VU039266.D (-1534) (-)

Ion 129.95 (129.65 to 130.65): VU039266.D (-1534) (-)

