

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042120\
 Data File : VV015602.D
 Acq On : 21 Apr 2020 15:53
 Operator : SY/MD
 Sample : L2366-07
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETKH3

Quant Time: Apr 22 02:42:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Apr 22 00:11:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	134711	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	129678	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	62873	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	35536	5.08	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.60%
7) Chloroethane-d5	1.58	69	31605	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.20%
11) 1,1-Dichloroethene-d2	2.12	63	55091	3.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.80%
20) 2-Butanone-d5	3.93	46	111811	56.97	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.94%
24) Chloroform-d	4.38	84	75630	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
26) 1,2-Dichloroethane-d4	5.06	65	43397	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.00%
32) Benzene-d6	5.07	84	144701	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
36) 1,2-Dichloropropane-d6	6.10	67	45855	5.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.40%
41) Toluene-d8	7.34	98	134130	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
43) trans-1,3-Dichloropropene-	7.64	79	15692	4.03	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.60%
46) 2-Hexanone-d5	8.11	63	85602	45.55	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.10%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	33158	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.20%
64) 1,2-Dichlorobenzene-d4	11.65	152	51034	5.06	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.20%

Target Compounds

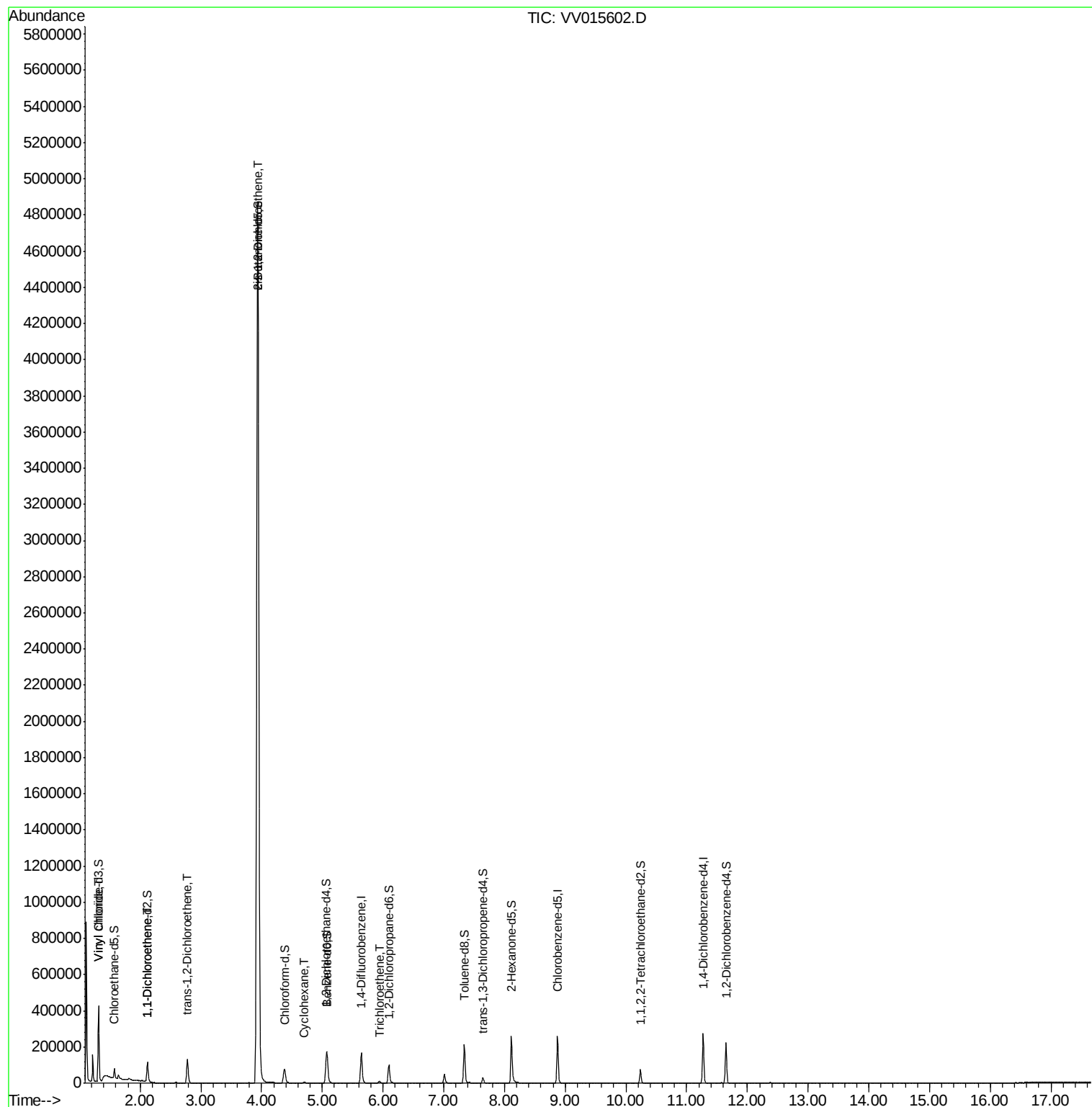
					Ovalue
5) Vinyl chloride	1.32	62	159933	13.080	ug/L 100
12) 1,1-Dichloroethene	2.13	96	6240	0.738	ug/L # 1
18) trans-1,2-Dichloroethene	2.78	96	45927	4.820	ug/L 94
22) cis-1,2-Dichloroethene	3.94	96	2536704	256.399	ug/L 98
30) Cyclohexane	4.70	56	1677	0.094	ug/L # 53
34) Trichloroethene	5.94	95	2405	0.230	ug/L 98

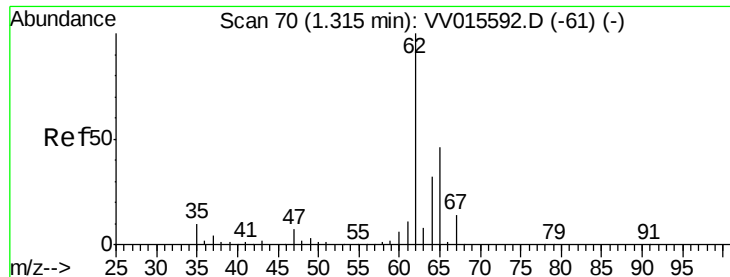
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV042120\
Data File : VV015602.D
Acq On : 21 Apr 2020 15:53
Operator : SY/MD
Sample : L2366-07
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ETKH3

Quant Time: Apr 22 02:42:15 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Apr 22 00:11:50 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 13.080 ug/L

RT: 1.32 min Scan# 70

Delta R.T. -0.00 min

Lab File: VV015602.D

Acq: 21 Apr 2020 15:53

Instrument :

MSVOA_V

ClientSampleId :

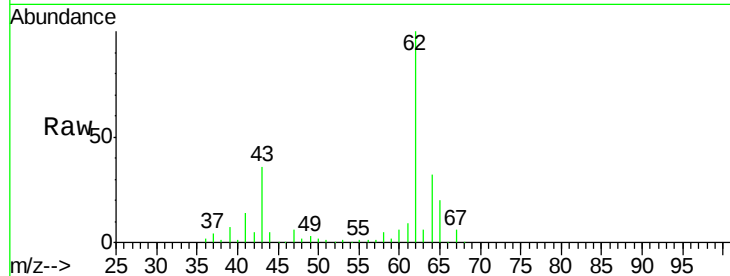
ETKH3

Tot Ion: 62 Resp: 159933

Ion Ratio Lower Upper

62 100

64 32.0 22.5 41.7



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0

1.32

150000

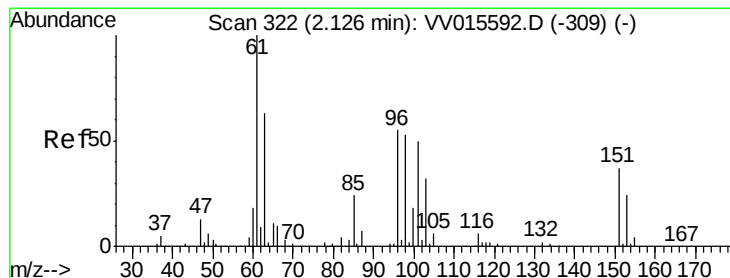
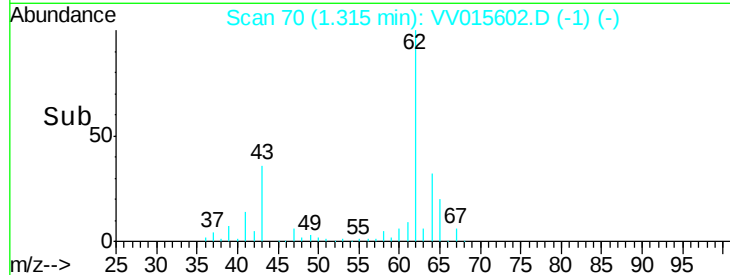
100000

50000

0

Time-->

1.25 1.30 1.35 1.40



#12

1,1-Dichloroethene

Concen: 0.738 ug/L

RT: 2.13 min Scan# 324

Delta R.T. 0.01 min

Lab File: VV015602.D

Acq: 21 Apr 2020 15:53

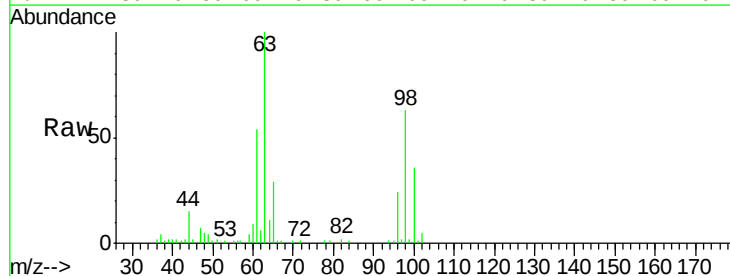
Tgt Ion: 96 Resp: 6240

Ion Ratio Lower Upper

96 100

61 230.6 127.7 237.1

63 425.3 75.1 139.5#



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0

50000

40000

30000

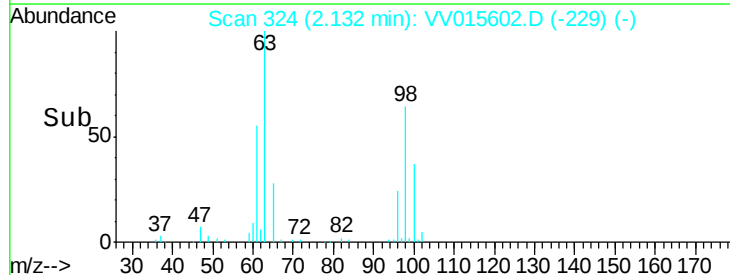
20000

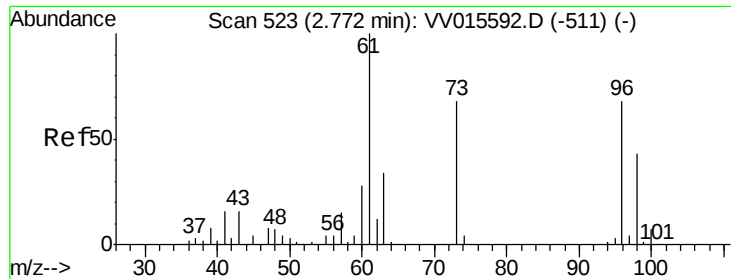
10000

0

Time-->

2.10 2.15

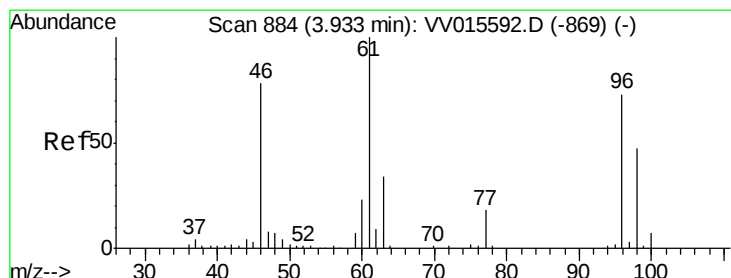
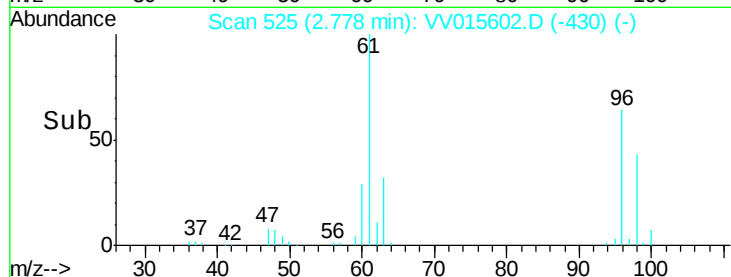
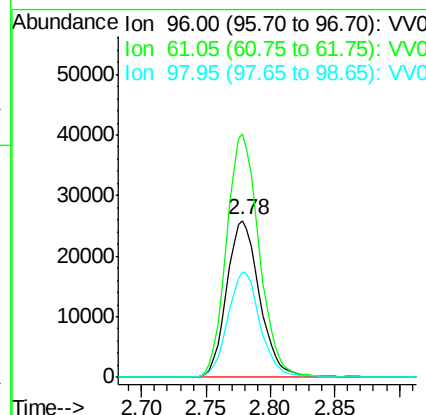
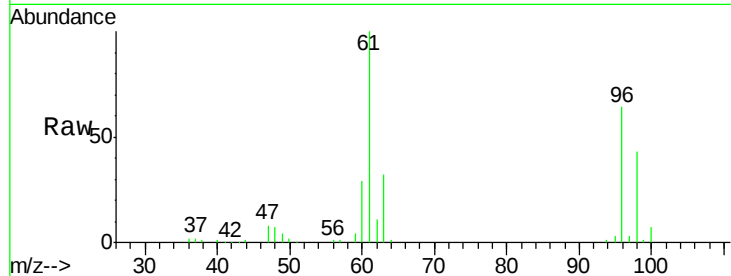




#18
trans-1,2-Dichloroethene
Concen: 4.820 ug/L
RT: 2.78 min Scan# 525
Delta R.T. 0.01 min
Lab File: VV015602.D
Acq: 21 Apr 2020 15:53

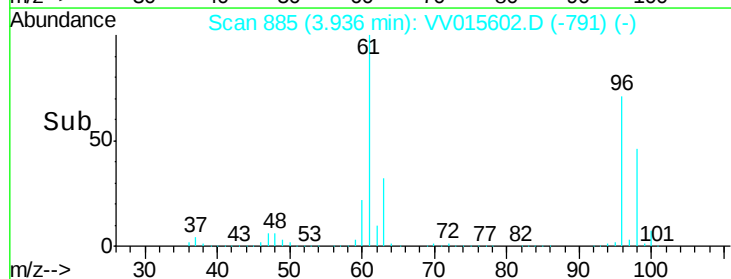
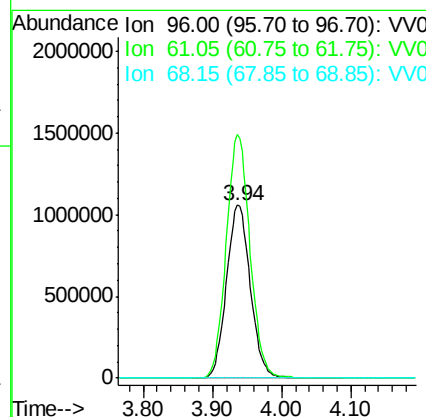
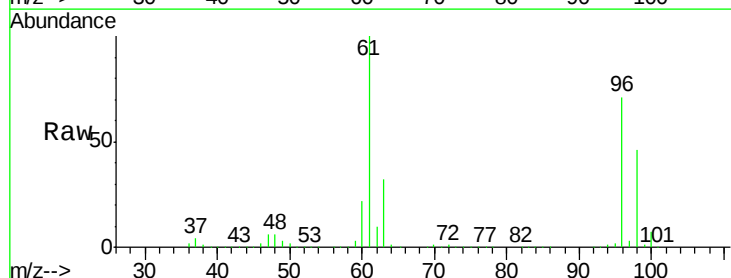
Instrument :
MSVOA_V
ClientSampled :
ETKH3

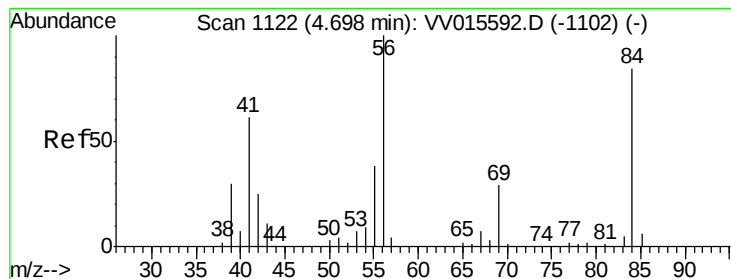
Tot Ion: 96 Resp: 45927
Ion Ratio Lower Upper
96 100
61 155.5 104.4 194.0
98 67.2 42.8 79.4



#22
cis-1,2-Dichloroethene
Concen: 256.399 ug/L
RT: 3.94 min Scan# 885
Delta R.T. 0.00 min
Lab File: VV015602.D
Acq: 21 Apr 2020 15:53

Tgt Ion: 96 Resp: 2536704
Ion Ratio Lower Upper
96 100
61 140.7 100.0 185.8
68 0.0 0.0 0.0





#30

Cvclohexane

Concen: 0.094 ug/L

RT: 4.70 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VV015602.D

Acq: 21 Apr 2020 15:53

Instrument :

MSVOA_V

ClientSampleId :

ETKH3

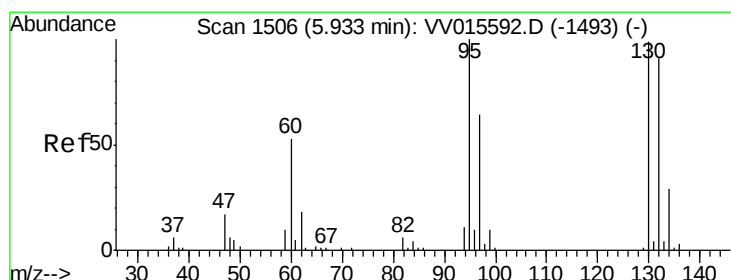
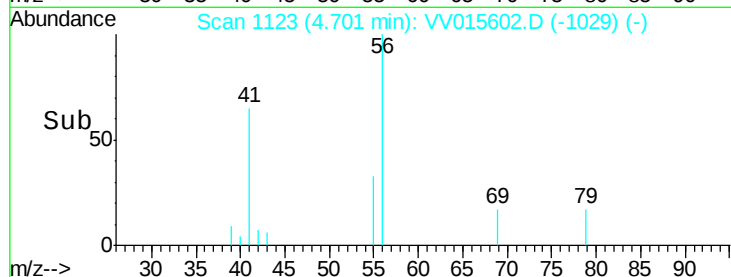
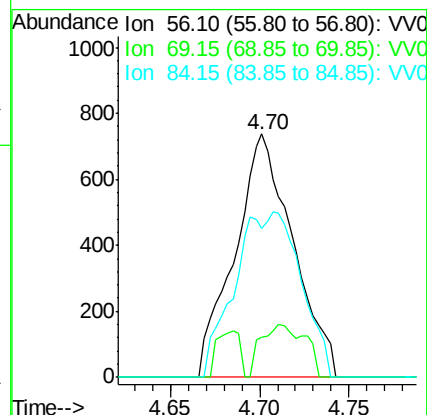
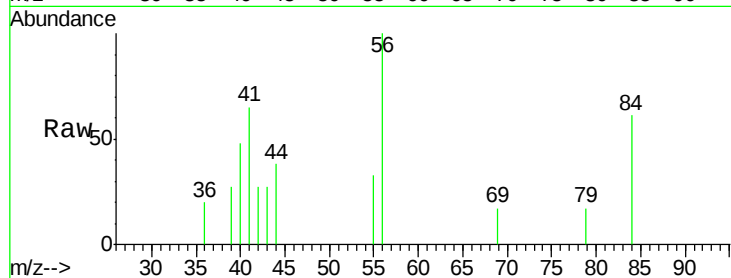
Tot Ion: 56 Resp: 1677

Ion Ratio Lower Upper

56 100

69 16.5 24.2 36.4#

84 35.3 68.4 102.6#



#34

Trichloroethene

Concen: 0.230 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.01 min

Lab File: VV015602.D

Acq: 21 Apr 2020 15:53

Tgt Ion: 95 Resp: 2405

Ion Ratio Lower Upper

95 100

97 68.6 45.4 84.4

132 91.1 64.8 120.4

130 96.5 67.4 125.2

