

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060320\
 Data File : VV016442.D
 Acq On : 02 Jun 2020 21:35
 Operator : SY/MD
 Sample : L2836-05
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFXC9

Quant Time: Jun 03 03:12:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 03 01:20:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	395965	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	377590	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	177882	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	127383	45.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.84%
7) Chloroethane-d5	1.58	69	89646	44.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.56%
11) 1,1-Dichloroethene-d2	2.13	63	177112	35.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.24%
21) 2-Butanone-d5	3.91	46	177689	99.09	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.09%
24) Chloroform-d	4.38	84	225702	42.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.76%
26) 1,2-Dichloroethane-d4	5.06	65	168664	47.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.72%
32) Benzene-d6	5.08	84	482640	47.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.44%
36) 1,2-Dichloropropane-d6	6.10	67	150182	47.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.30%
41) Toluene-d8	7.34	98	431824	47.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.02%
43) trans-1,3-Dichloropropene-	7.64	79	67802	44.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.28%
47) 2-Hexanone-d5	8.11	63	128989	95.57	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.57%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	194977	45.62	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.24%
64) 1,2-Dichlorobenzene-d4	11.65	152	167247	50.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.06%

Target Compounds

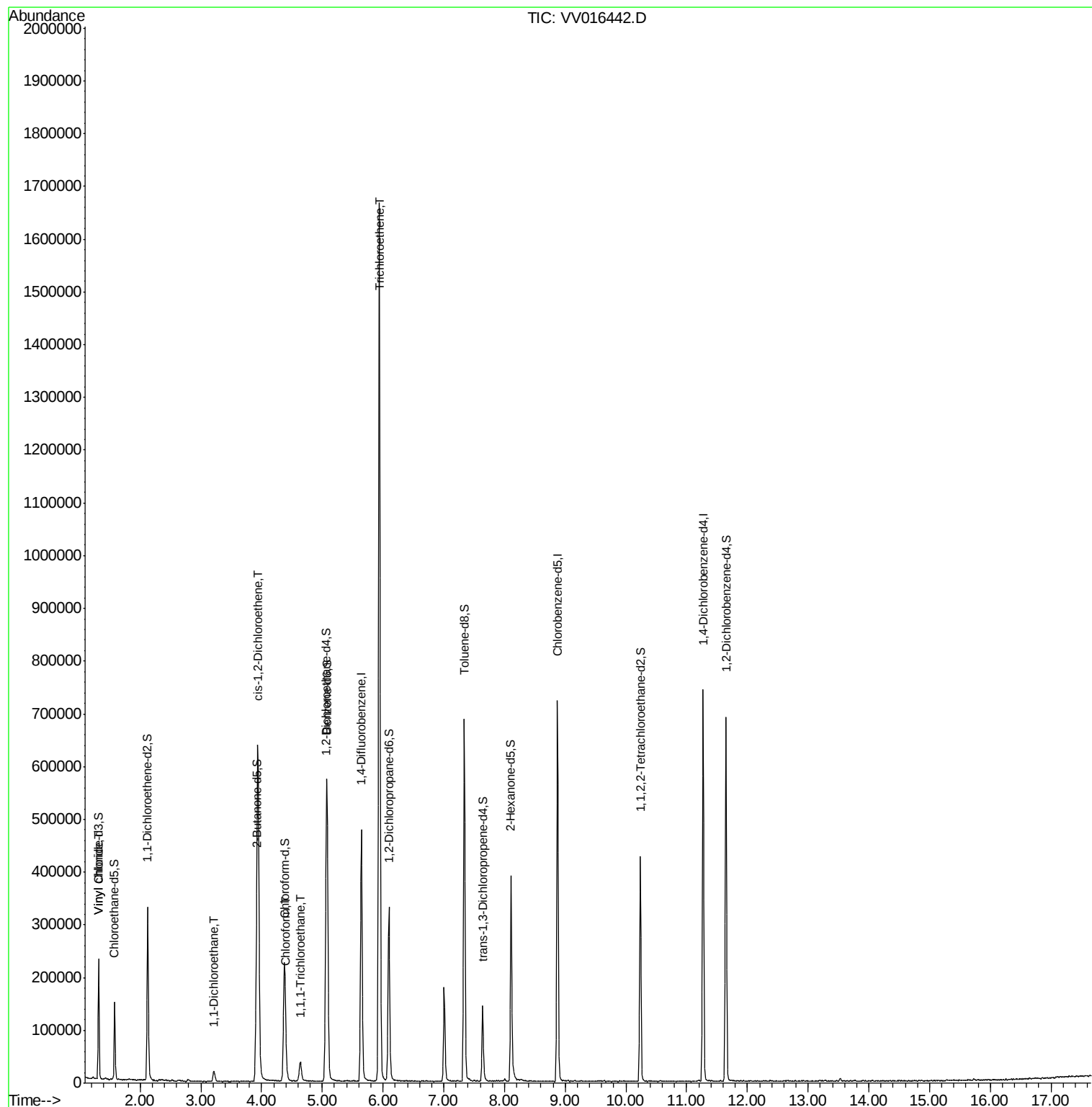
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	15443	5.078	ug/L	84
19) 1,1-Dichloroethane	3.22	63	19669	3.834	ug/L	93
20) cis-1,2-Dichloroethene	3.94	96	323636	108.115	ug/L	99
25) Chloroform	4.41	83	15798	2.938	ug/L	95
30) 1,1,1-Trichloroethane	4.64	97	29768	6.469	ug/L	98
34) Trichloroethene	5.94	95	563981	193.552	ug/L	97

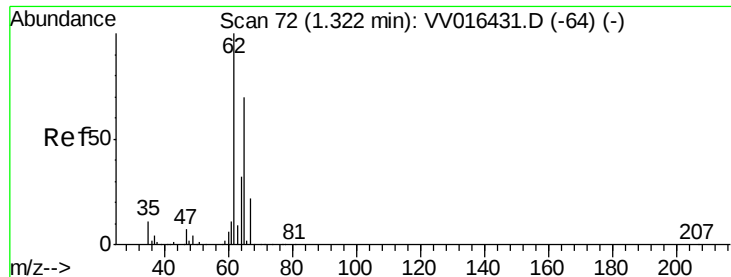
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jun 03 01:20:33 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 5.078 ug/L

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VV016442.D

Acq: 02 Jun 2020 21:35

Instrument :

MSVOA_V

ClientSampleId :

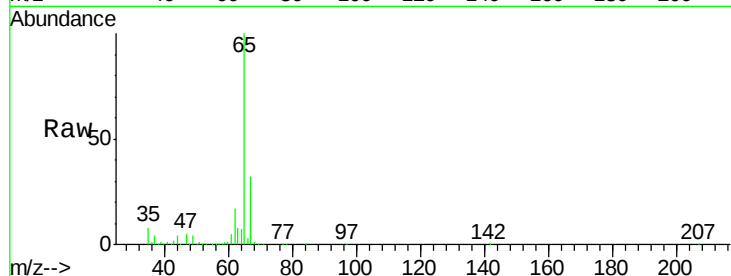
BFXC9

Tot Ion: 62 Resp: 15443

Ion Ratio Lower Upper

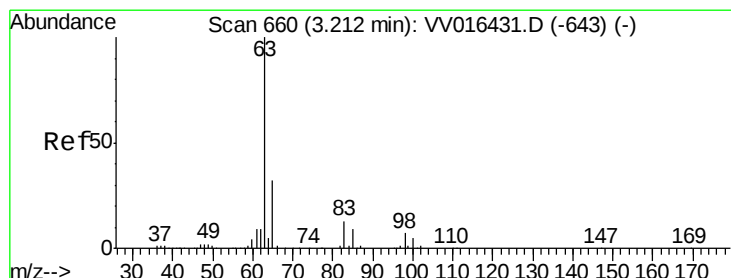
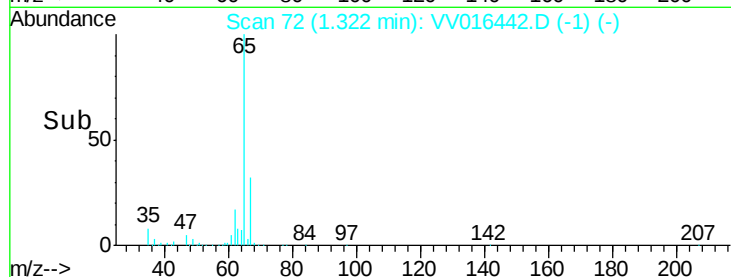
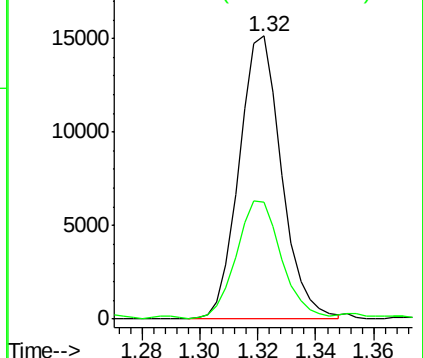
62 100

64 41.3 22.7 42.1



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0



#19

1,1-Dichloroethane

Concen: 3.834 ug/L

RT: 3.22 min Scan# 662

Delta R.T. 0.01 min

Lab File: VV016442.D

Acq: 02 Jun 2020 21:35

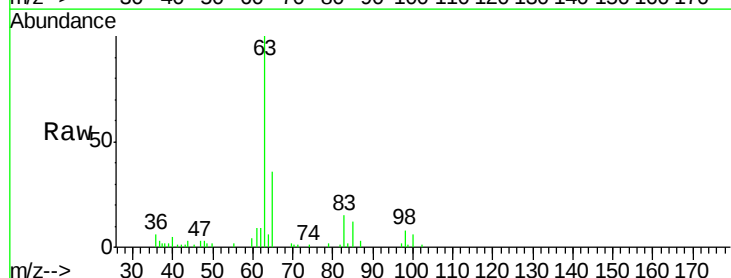
Tgt Ion: 63 Resp: 19669

Ion Ratio Lower Upper

63 100

65 35.6 22.2 41.2

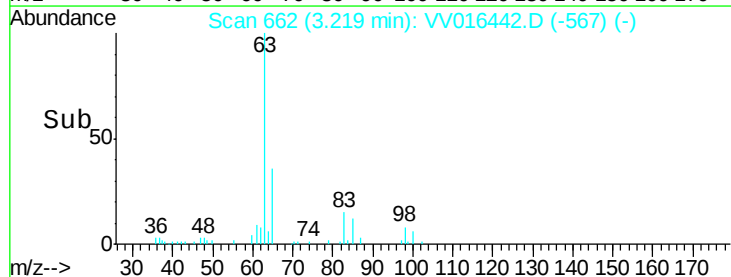
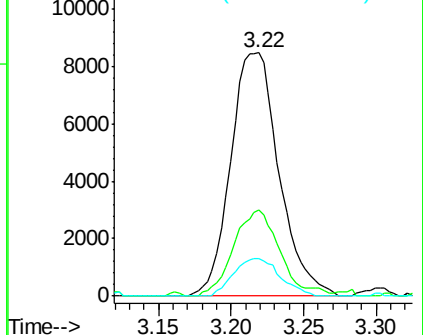
83 15.3 9.1 16.9

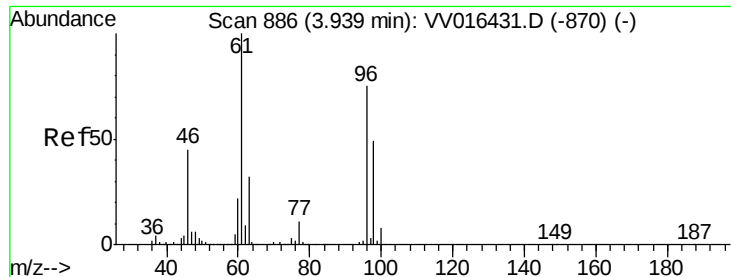


Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 65.00 (64.70 to 65.70): VV0

Ion 83.00 (82.70 to 83.70): VV0

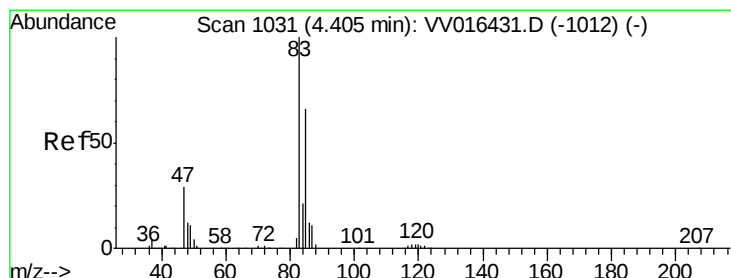
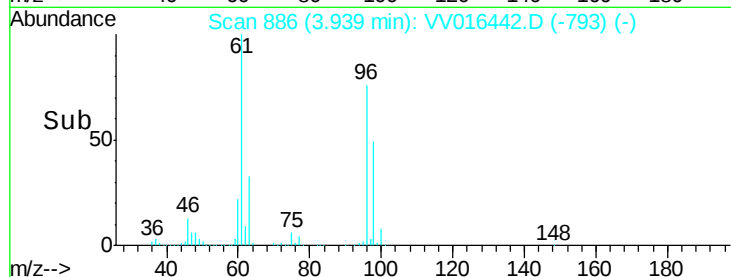
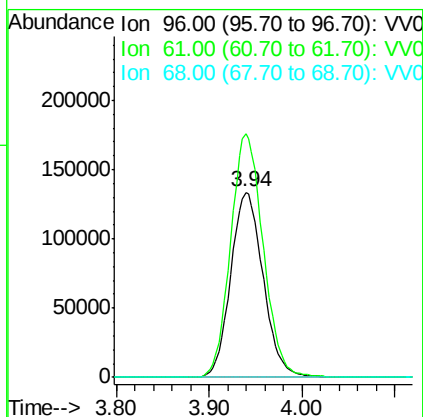
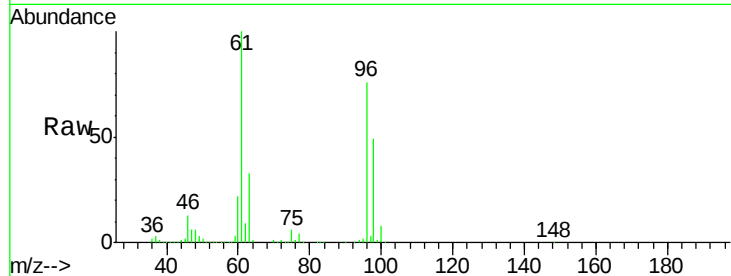




#20
 cis-1,2-Dichloroethene
 Concen: 108.115 ug/L
 RT: 3.94 min Scan# 886
 Delta R.T. 0.00 min
 Lab File: VV016442.D
 Acq: 02 Jun 2020 21:35

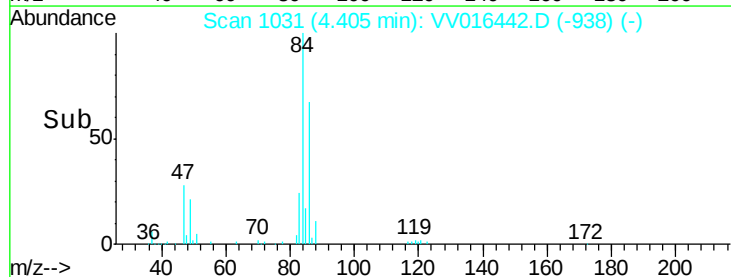
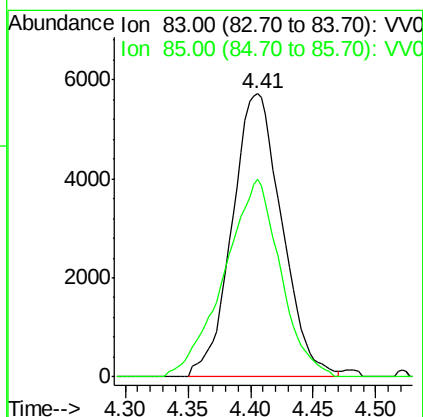
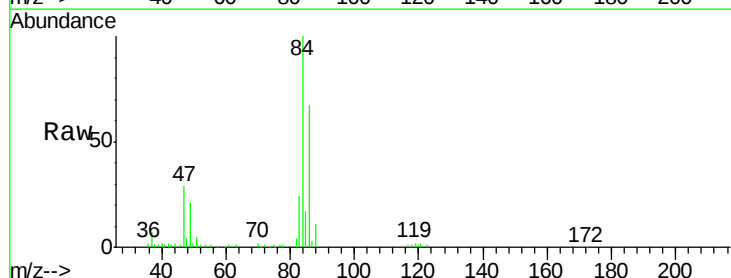
Instrument :
 MSVOA_V
 ClientSampled :
 BFXC9

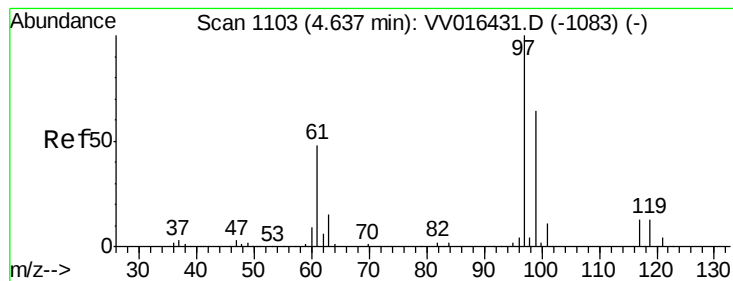
Tot Ion: 96 Resp: 323636
 Ion Ratio Lower Upper
 96 100
 61 131.8 93.4 173.4
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 2.938 ug/L
 RT: 4.41 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: VV016442.D
 Acq: 02 Jun 2020 21:35

Tgt Ion: 83 Resp: 15798
 Ion Ratio Lower Upper
 83 100
 85 69.9 46.1 85.7





#30

1,1,1-Trichloroethane

Concen: 6.469 ug/L

RT: 4.64 min Scan# 1104

Delta R.T. 0.00 min

Lab File: VV016442.D

Acq: 02 Jun 2020 21:35

Instrument :

MSVOA_V

ClientSampleId :

BFXC9

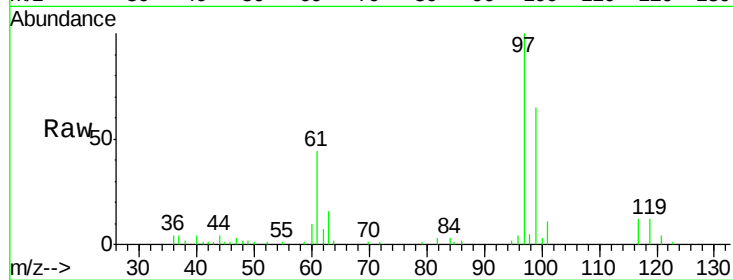
Tot Ion: 97 Resp: 29768

Ion Ratio Lower Upper

97 100

99 64.8 51.8 77.8

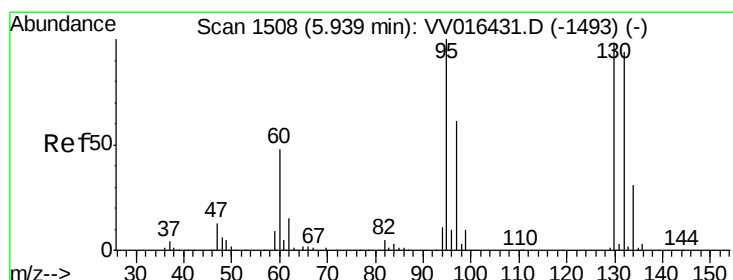
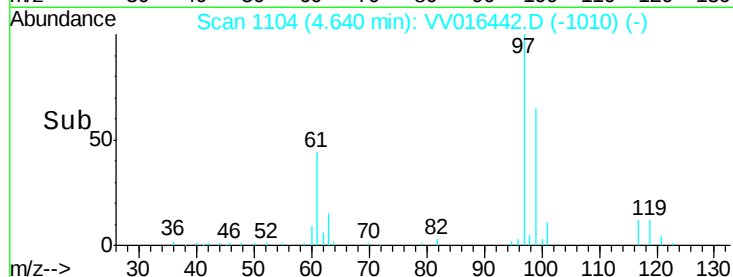
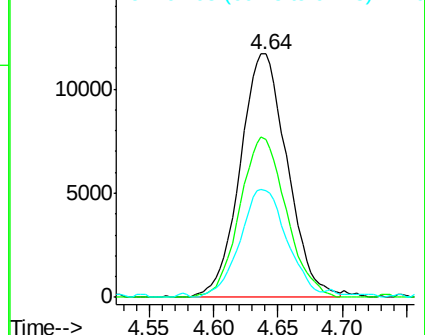
61 44.1 37.4 56.0



Abundance Ion 97.00 (96.70 to 97.70): VV0

Ion 99.00 (98.70 to 99.70): VV0

Ion 61.05 (60.75 to 61.75): VV0



#34

Trichloroethene

Concen: 193.552 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV016442.D

Acq: 02 Jun 2020 21:35

Tgt Ion: 95 Resp: 563981

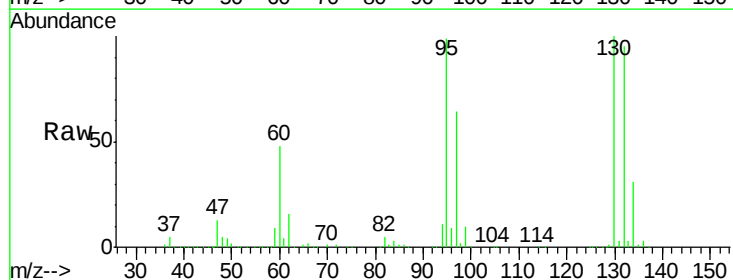
Ion Ratio Lower Upper

95 100

97 64.1 42.8 79.6

132 95.8 65.6 121.8

130 100.6 69.0 128.1



Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

