

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042720\
 Data File : VV015722.D
 Acq On : 27 Apr 2020 12:28
 Operator : SY/MD
 Sample : L2413-09
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETKL7

Quant Time: Apr 28 03:15:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Apr 28 02:16:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	142222	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	138510	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	64834	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	27382	3.68	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.60%
7) Chloroethane-d5	1.58	69	29984	4.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.80%
11) 1,1-Dichloroethene-d2	2.12	63	46839	2.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.60%#
20) 2-Butanone-d5	3.91	46	117632	49.29	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.58%
24) Chloroform-d	4.38	84	75705	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.40%
26) 1,2-Dichloroethane-d4	5.06	65	45130	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
32) Benzene-d6	5.07	84	145672	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
36) 1,2-Dichloropropane-d6	6.09	67	48017	4.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.00%
41) Toluene-d8	7.34	98	130049	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.80%
43) trans-1,3-Dichloropropene-	7.64	79	16365	4.00	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.00%
46) 2-Hexanone-d5	8.11	63	83980	42.16	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.32%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	35894	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.20%
64) 1,2-Dichlorobenzene-d4	11.65	152	53363	4.84	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.80%

Target Compounds

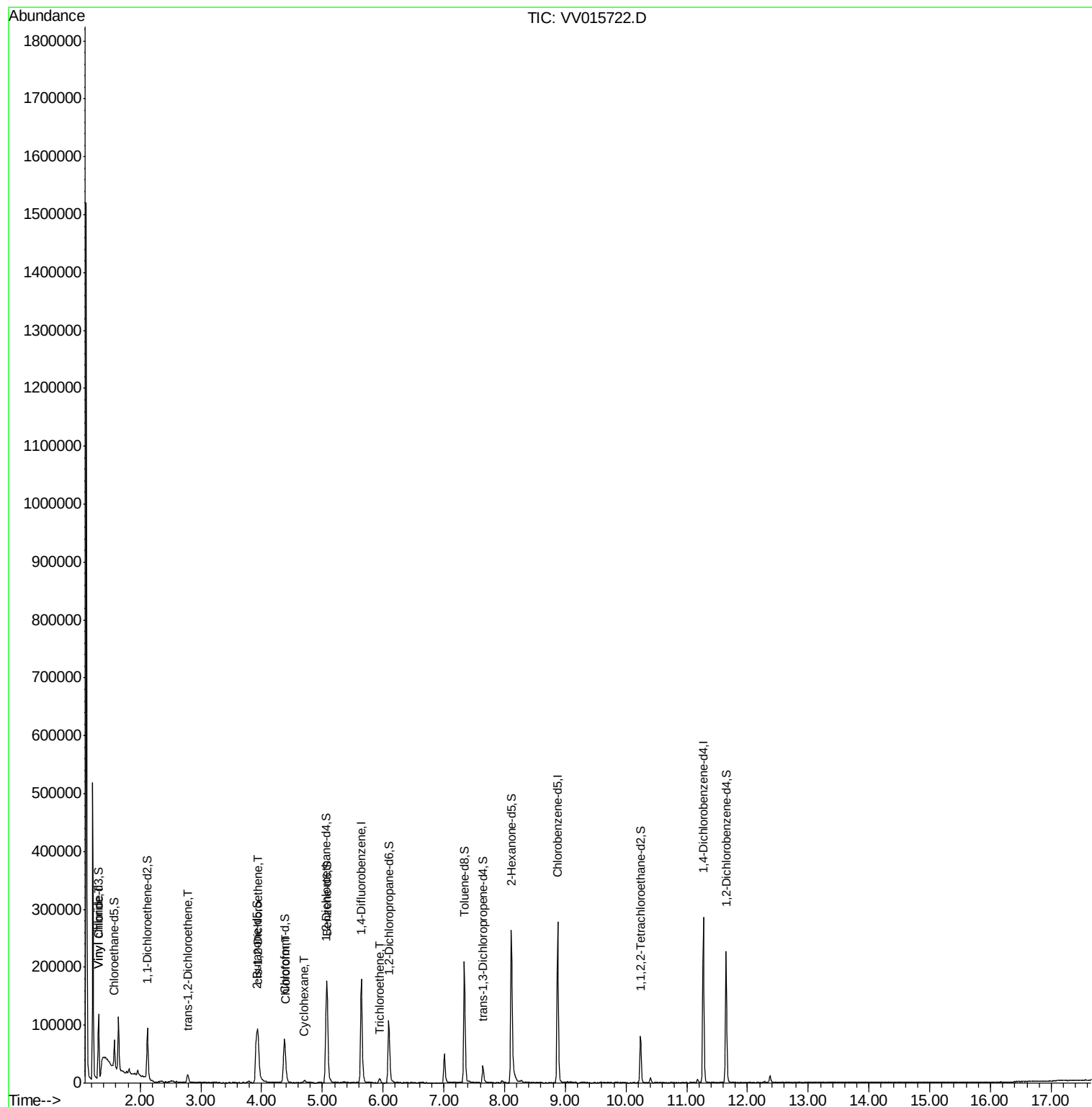
					Ovalue
5) Vinyl chloride	1.32	62	33842	3.007	ug/L 99
18) trans-1,2-Dichloroethene	2.78	96	1502	0.162	ug/L 97
22) cis-1,2-Dichloroethene	3.94	96	30661	2.992	ug/L 94
25) Chloroform	4.40	83	4897	0.253	ug/L 89
30) Cyclohexane	4.70	56	1970	0.117	ug/L # 87
34) Trichloroethene	5.94	95	2122	0.194	ug/L 96

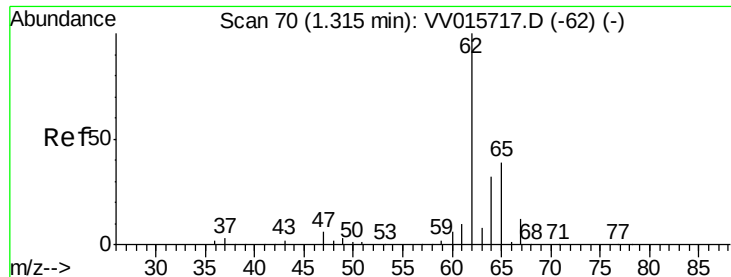
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Apr 28 02:16:08 2020
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#5

Vinyl chloride

Concen: 3.007 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV015722.D

Acq: 27 Apr 2020 12:28

Instrument :

MSVOA_V

ClientSampled :

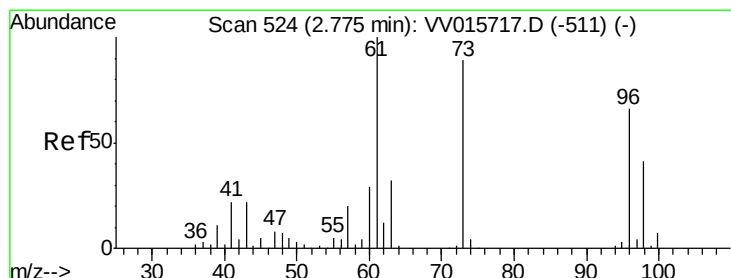
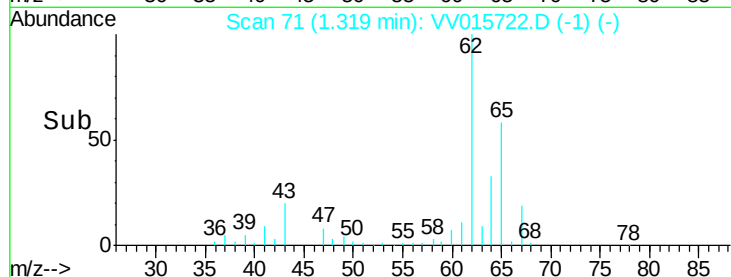
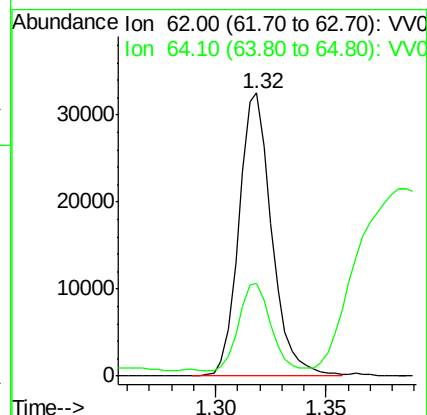
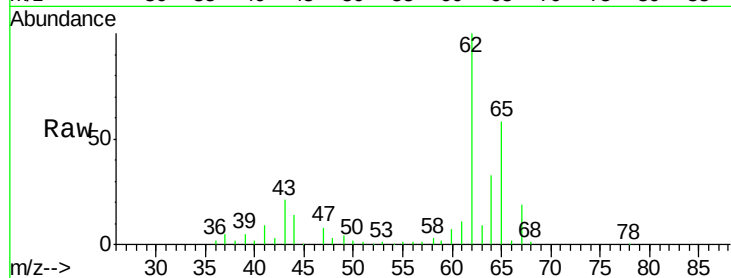
ETKL7

Tot Ion: 62 Resp: 33842

Ion Ratio Lower Upper

62 100

64 32.9 22.7 42.1



#18

trans-1,2-Dichloroethene

Concen: 0.162 ug/L

RT: 2.78 min Scan# 527

Delta R.T. 0.01 min

Lab File: VV015722.D

Acq: 27 Apr 2020 12:28

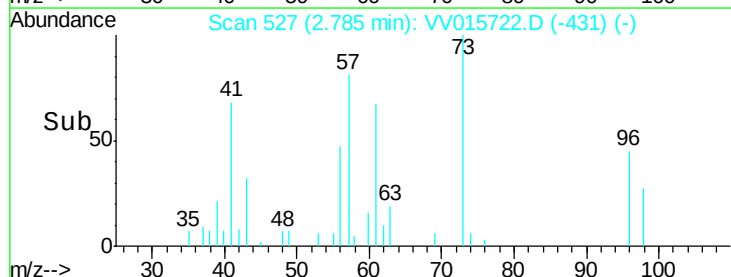
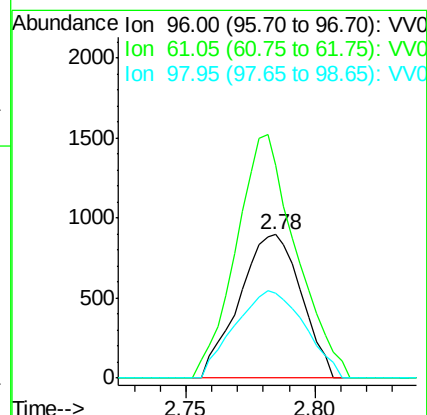
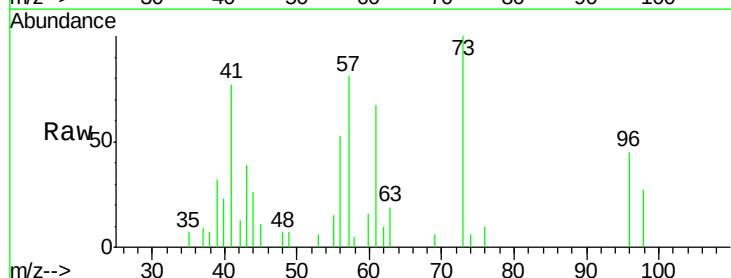
Tgt Ion: 96 Resp: 1502

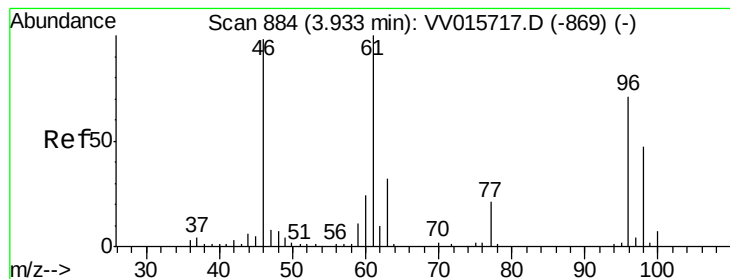
Ion Ratio Lower Upper

96 100

61 148.6 105.5 195.9

98 59.4 44.2 82.0





#22

cis-1,2-Dichloroethene

Concen: 2.992 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.01 min

Lab File: VV015722.D

Acq: 27 Apr 2020 12:28

Instrument :

MSVOA_V

ClientSampleId :

ETKL7

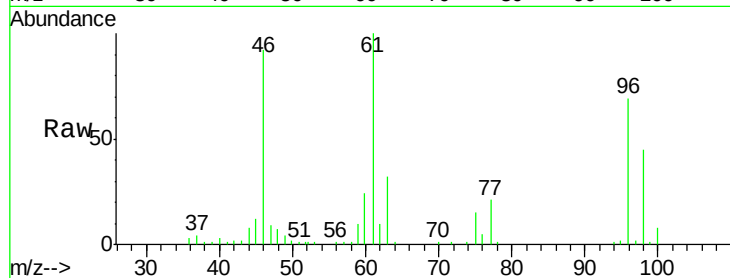
Tot Ion: 96 Resp: 30661

Ion Ratio Lower Upper

96 100

61 144.7 96.4 179.0

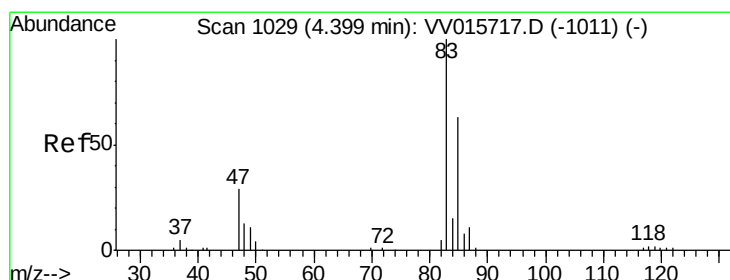
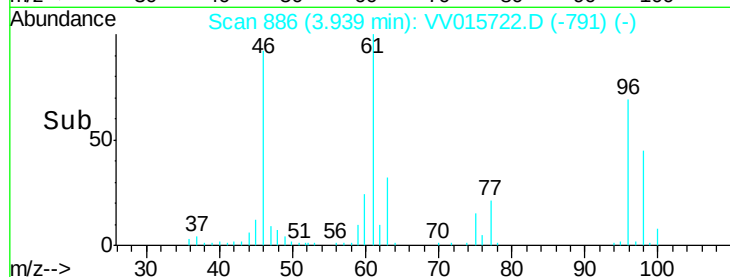
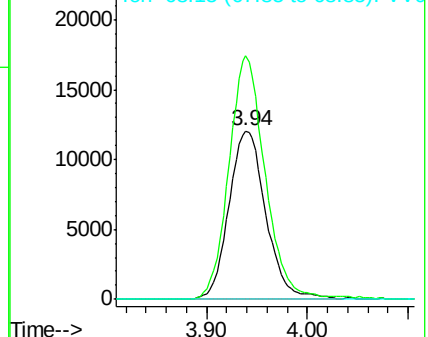
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV015717.D (-869) (-)

Ion 61.05 (60.75 to 61.75): VV015717.D (-869) (-)

Ion 68.15 (67.85 to 68.85): VV015717.D (-869) (-)



#25

Chloroform

Concen: 0.253 ug/L

RT: 4.40 min Scan# 1029

Delta R.T. -0.00 min

Lab File: VV015722.D

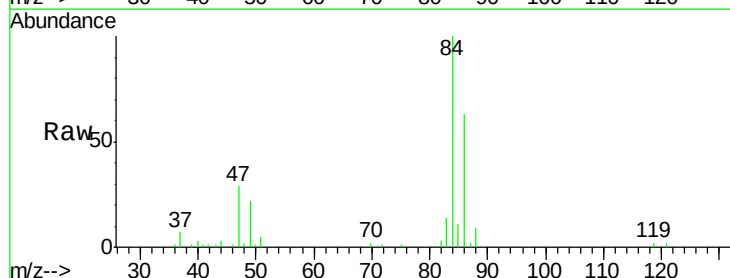
Acq: 27 Apr 2020 12:28

Tgt Ion: 83 Resp: 4897

Ion Ratio Lower Upper

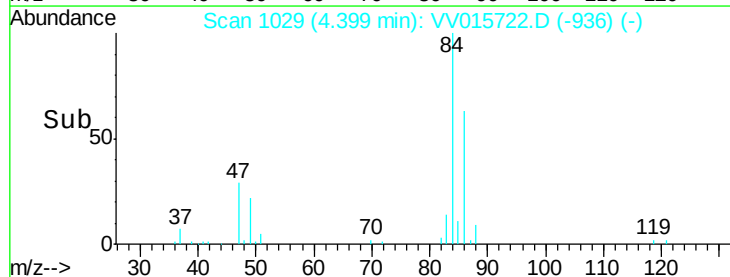
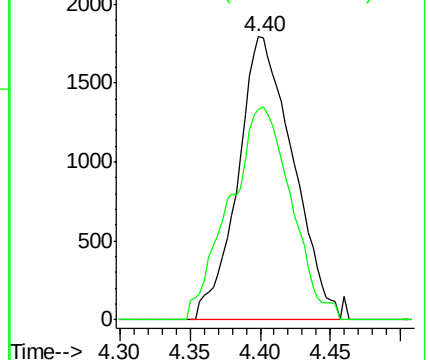
83 100

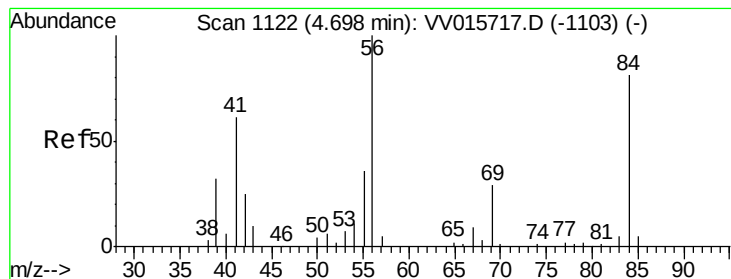
85 74.4 46.1 85.5



Abundance Ion 83.05 (82.75 to 83.75): VV015717.D (-1011) (-)

Ion 85.00 (84.70 to 85.70): VV015717.D (-1011) (-)





#30

Cyclohexane

Concen: 0.117 ug/L

RT: 4.70 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VV015722.D

Acq: 27 Apr 2020 12:28

Instrument :

MSVOA_V

ClientSampled :

ETKL7

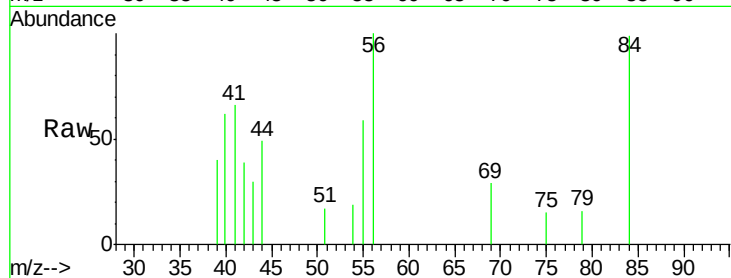
Tot Ion: 56 Resp: 1970

Ion Ratio Lower Upper

56 100

69 12.2 23.9 35.9#

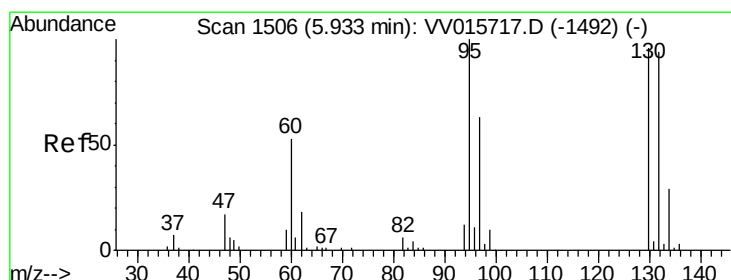
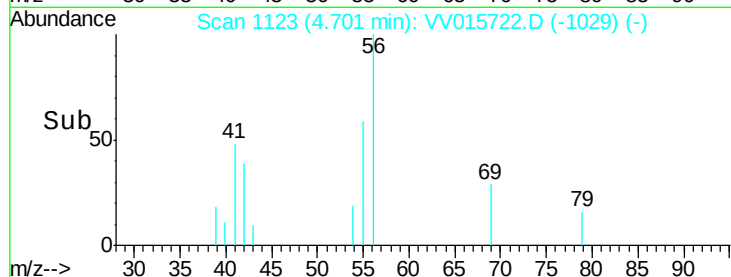
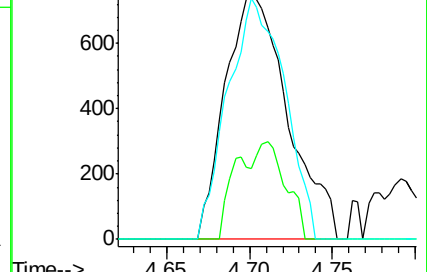
84 89.4 66.9 100.3



Abundance Ion 56.10 (55.80 to 56.80): VV015717.D (-1103) (-)

Ion 69.15 (68.85 to 69.85): VV015717.D (-1103) (-)

Ion 84.15 (83.85 to 84.85): VV015717.D (-1103) (-)



#34

Trichloroethene

Concen: 0.194 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.01 min

Lab File: VV015722.D

Acq: 27 Apr 2020 12:28

Tgt Ion: 95 Resp: 2122

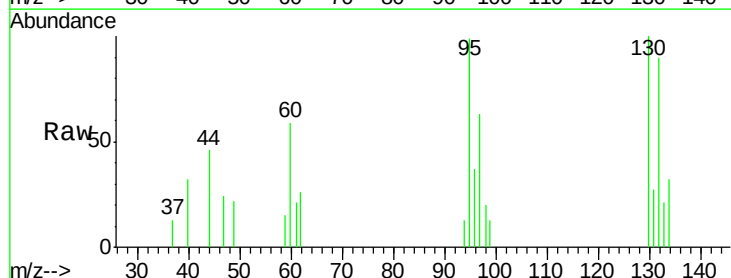
Ion Ratio Lower Upper

95 100

97 63.4 44.7 82.9

132 90.3 65.2 121.0

130 100.9 65.0 120.6



Abundance Ion 95.00 (94.70 to 95.70): VV015717.D (-1492) (-)

Ion 96.95 (96.65 to 97.65): VV015717.D (-1492) (-)

Ion 131.95 (131.65 to 132.65): VV015717.D (-1492) (-)

Ion 129.95 (129.65 to 130.65): VV015717.D (-1492) (-)

