

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072619\
 Data File : VV012052.D
 Acq On : 26 Jul 2019 14:44
 Operator : SY/MD
 Sample : K4025-03
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0JZ1

Quant Time: Jul 29 08:39:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 26 23:19:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	124853	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	120998	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	59375	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	25446	3.92	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.40%
7) Chloroethane-d5	1.59	69	21437	4.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.00%
11) 1,1-Dichloroethene-d2	2.13	63	39169	3.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.60%
20) 2-Butanone-d5	3.96	46	91813	48.41	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.82%
24) Chloroform-d	4.40	84	74138	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.20%
26) 1,2-Dichloroethane-d4	5.08	65	43724	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
32) Benzene-d6	5.10	84	145171	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.00%
36) 1,2-Dichloropropane-d6	6.12	67	43354	4.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.80%
41) Toluene-d8	7.36	98	126465	4.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.80%
43) trans-1,3-Dichloropropene-	7.67	79	15704	4.01	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.20%
46) 2-Hexanone-d5	8.14	63	76122	48.37	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.74%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	33038	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	55838	4.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.60%

Target Compounds

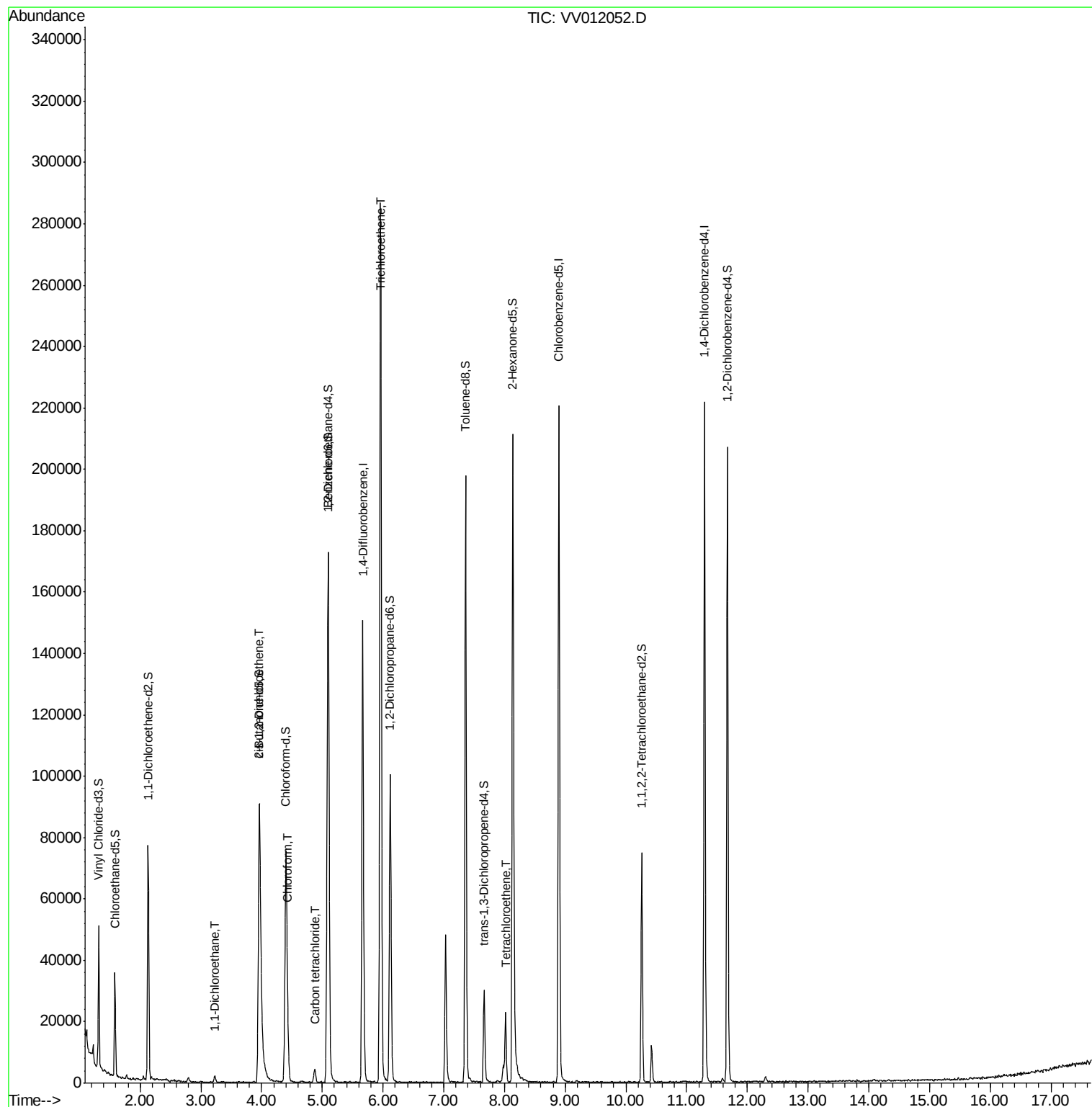
					Ovalue
19) 1,1-Dichloroethane	3.23	63	2195	0.140 ug/L	94
22) cis-1,2-Dichloroethene	3.96	96	25934	2.727 ug/L	98
25) Chloroform	4.43	83	9072	0.481 ug/L	89
31) Carbon tetrachloride	4.87	117	3272	0.235 ug/L	98
34) Trichloroethene	5.96	95	95639	9.676 ug/L	99
47) Tetrachloroethene	8.02	164	5102	0.598 ug/L	96

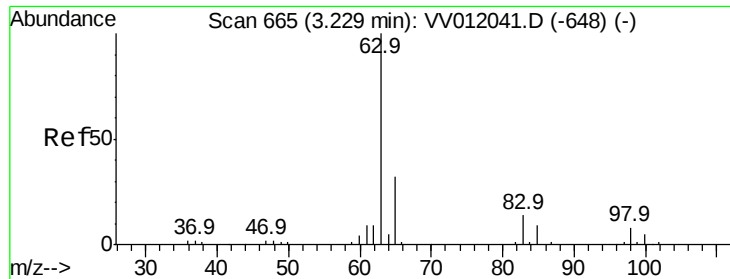
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#19

1,1-Dichloroethane

Concen: 0.140 ug/L

RT: 3.23 min Scan# 665

Delta R.T. 0.00 min

Lab File: VV012052.D

Acq: 26 Jul 2019 14:44

Instrument :

MSVOA_V

ClientSampleId :

C0JZ1

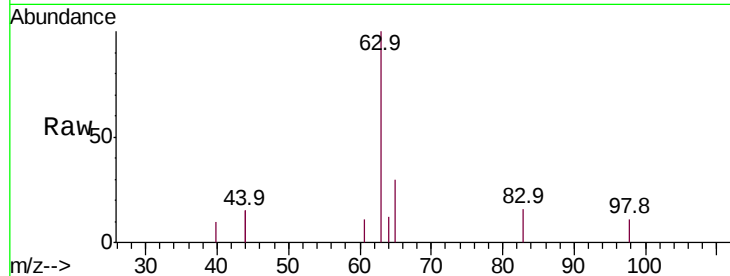
Tot Ion: 63 Resp: 2195

Ion Ratio Lower Upper

63 100

65 30.5 23.5 43.7

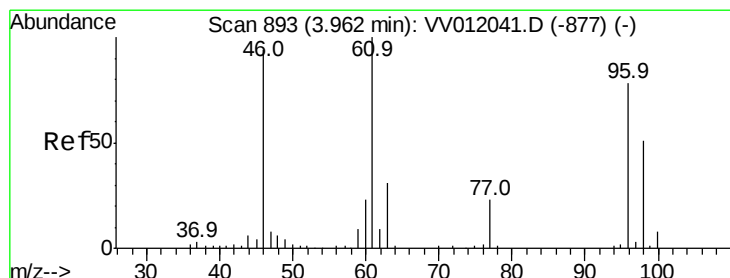
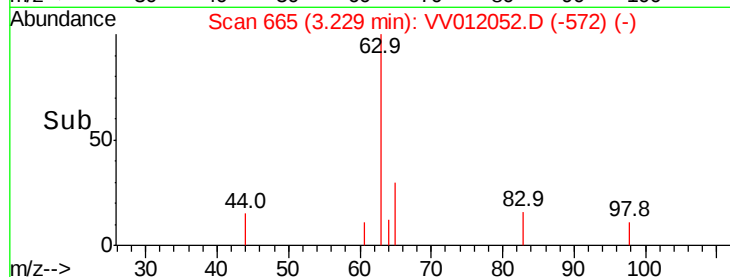
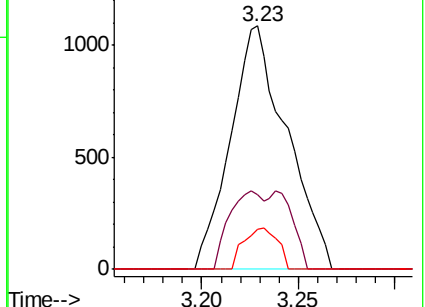
83 16.5 9.7 18.1



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 65.10 (64.80 to 65.80): VV0

Ion 83.05 (82.75 to 83.75): VV0



#22

cis-1,2-Dichloroethene

Concen: 2.727 ug/L

RT: 3.96 min Scan# 893

Delta R.T. 0.00 min

Lab File: VV012052.D

Acq: 26 Jul 2019 14:44

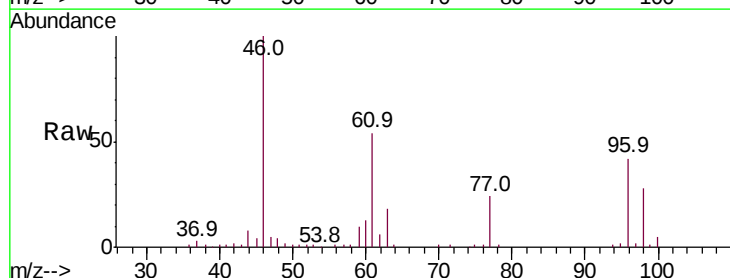
Tgt Ion: 96 Resp: 25934

Ion Ratio Lower Upper

96 100

61 129.8 89.0 165.2

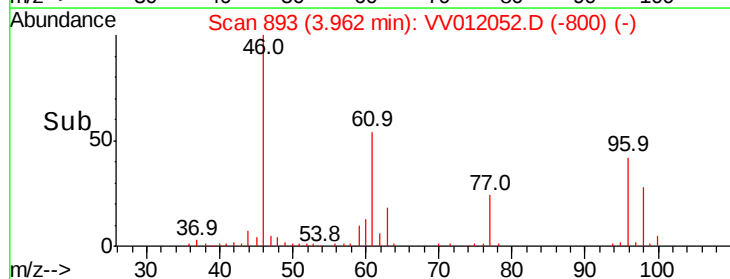
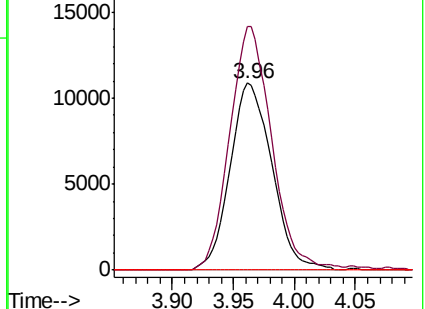
68 0.0 0.0 0.0

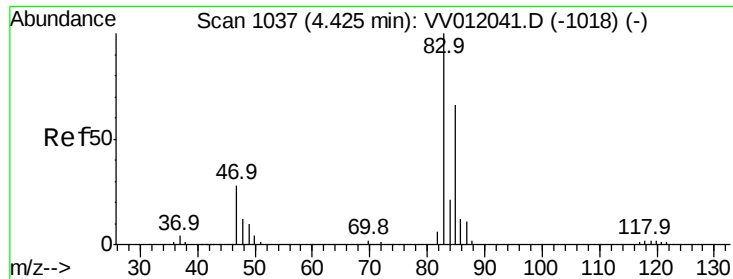


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0

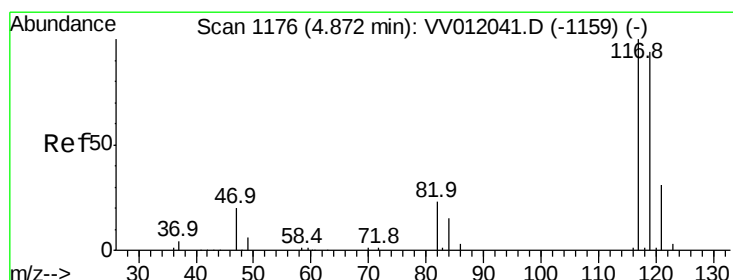
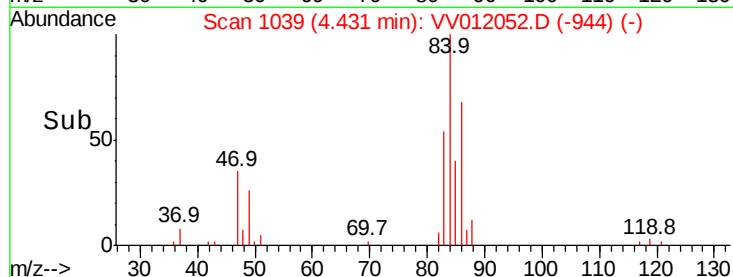
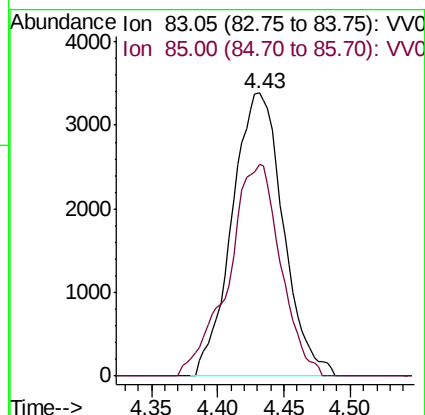
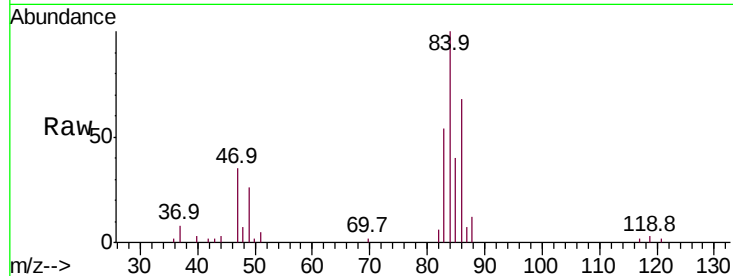




#25
Chloroform
Concen: 0.481 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. 0.01 min
Lab File: VV012052.D
Acq: 26 Jul 2019 14:44

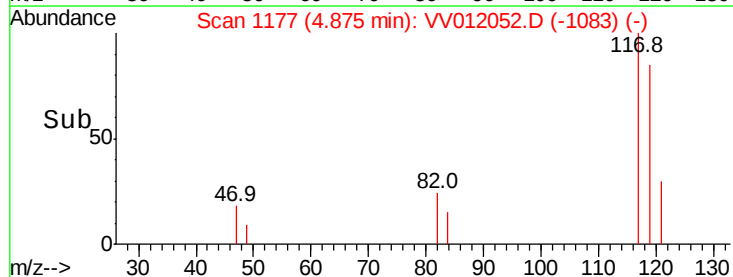
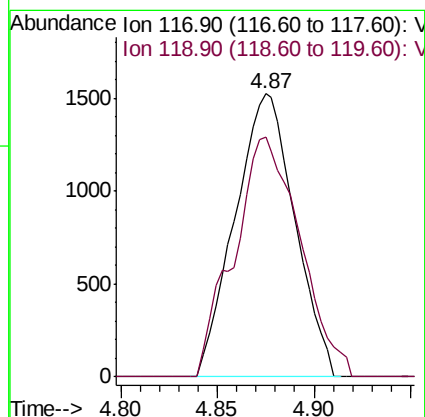
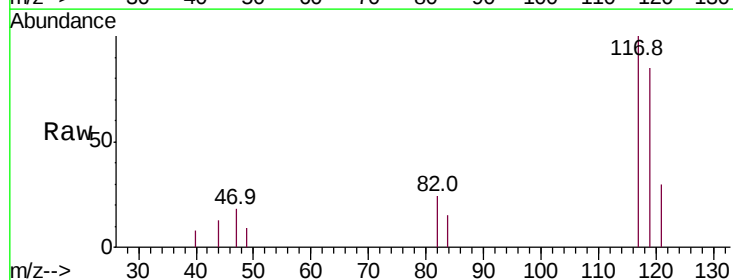
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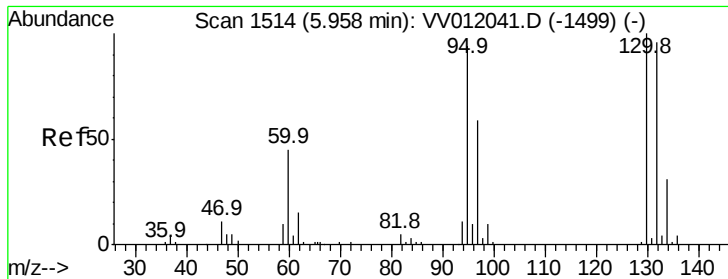
Tot Ion: 83 Resp: 9072
Ion Ratio Lower Upper
83 100
85 74.9 46.5 86.3



#31
Carbon tetrachloride
Concen: 0.235 ug/L
RT: 4.87 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VV012052.D
Acq: 26 Jul 2019 14:44

Tgt Ion: 117 Resp: 3272
Ion Ratio Lower Upper
117 100
119 93.9 76.4 114.6





#34

Trichloroethene

Concen: 9.676 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV012052.D

Acq: 26 Jul 2019 14:44

Instrument :

MSVOA_V

ClientSampleId :

C0JZ1

Tot Ion: 95 Resp: 95639

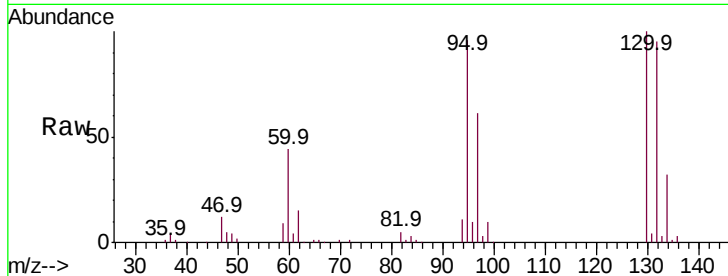
Ion Ratio Lower Upper

95 100

97 64.1 45.6 84.6

132 99.4 71.3 132.3

130 104.4 72.8 135.2

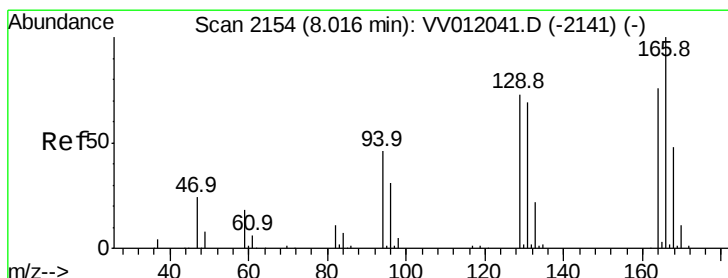
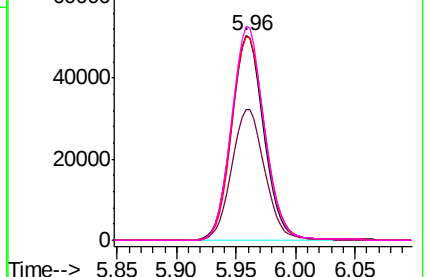
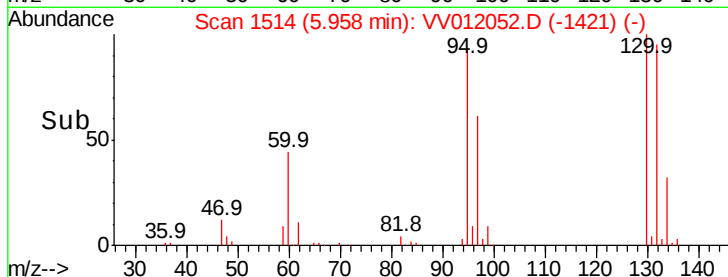


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#47

Tetrachloroethene

Concen: 0.598 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV012052.D

Acq: 26 Jul 2019 14:44

Tgt Ion:164 Resp: 5102

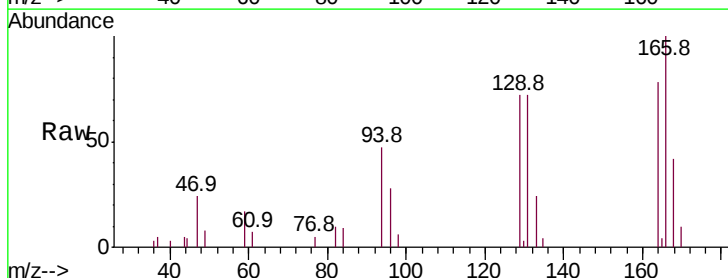
Ion Ratio Lower Upper

164 100

129 91.9 62.5 116.1

131 91.1 58.6 108.8

166 127.4 88.2 163.8



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

