

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061719\
 Data File : VV011559.D
 Acq On : 17 Jun 2019 19:09
 Operator : SY/MD
 Sample : K3289-16DL 4X
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFCM1

Quant Time: Jun 18 09:25:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 18 08:42:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	168039	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	161160	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	71476	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	41194	3.25	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.00%
7) Chloroethane-d5	1.55	69	30636	3.81	ug/L	-0.03
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.20%
11) 1,1-Dichloroethene-d2	2.11	63	70348	2.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.20%#
20) 2-Butanone-d5	3.94	46	184022	51.55	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.10%
24) Chloroform-d	4.39	84	106613	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.40%
26) 1,2-Dichloroethane-d4	5.08	65	64103	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
32) Benzene-d6	5.09	84	204195	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.00%
36) 1,2-Dichloropropane-d6	6.11	67	65778	4.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.20%
41) Toluene-d8	7.36	98	172500	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.40%
43) trans-1,3-Dichloropropene-	7.66	79	20617	4.06	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.20%
46) 2-Hexanone-d5	8.14	63	158281	54.01	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.02%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	57600	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	69584	4.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.60%

Target Compounds

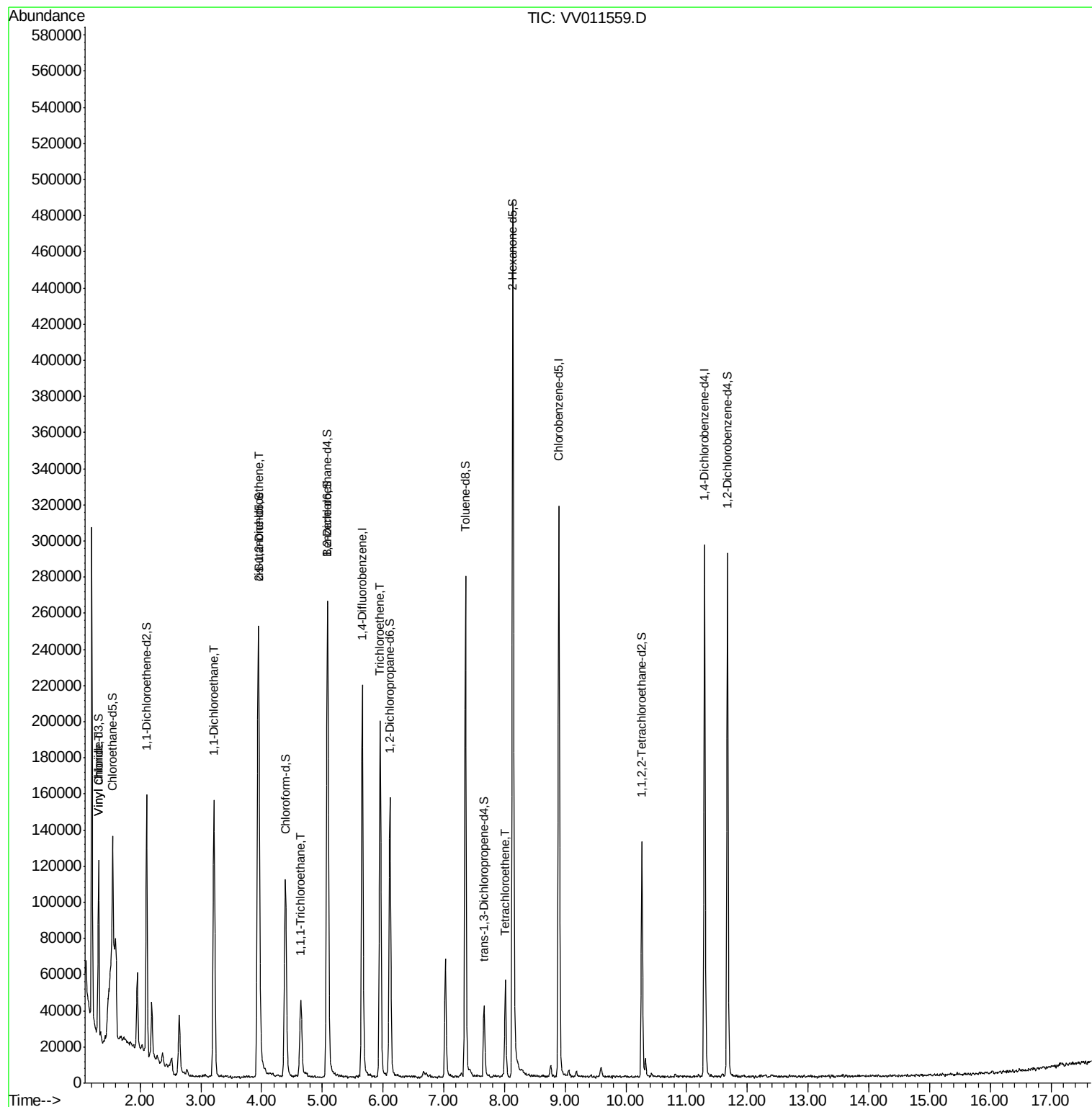
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	21110	1.316	ug/L	88
19) 1,1-Dichloroethane	3.22	63	147972	6.053	ug/L	100
22) cis-1,2-Dichloroethene	3.95	96	77379	5.780	ug/L	95
29) 1,1,1-Trichloroethane	4.65	97	31800	1.586	ug/L	97
34) Trichloroethene	5.95	95	64430	4.800	ug/L	98
47) Tetrachloroethene	8.02	164	11356	1.186	ug/L	89

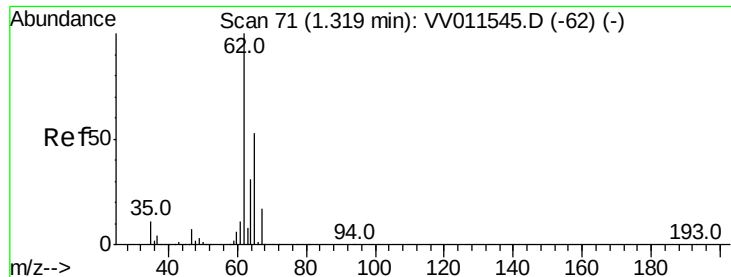
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jun 18 08:42:07 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.316 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

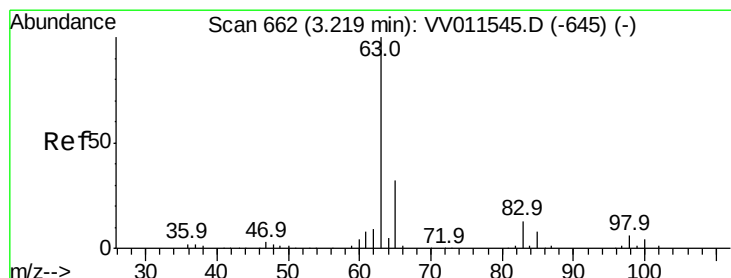
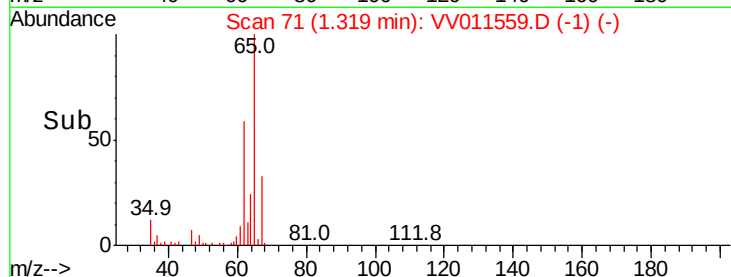
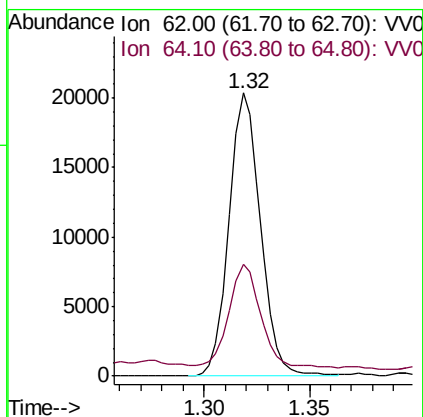
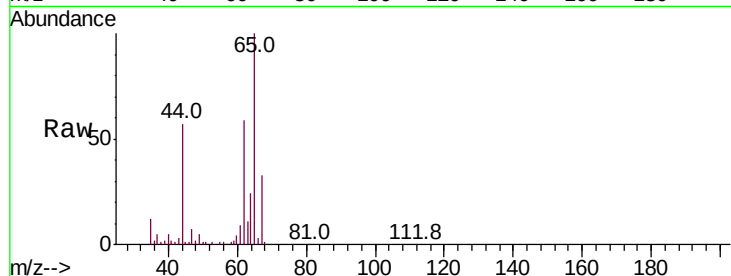
BFCM1

Tot Ion: 62 Resp: 21110

Ion Ratio Lower Upper

62 100

64 39.6 23.0 42.6



#19

1,1-Dichloroethane

Concen: 6.053 ug/L

RT: 3.22 min Scan# 661

Delta R.T. -0.00 min

Lab File: VV011559.D

Acq: 17 Jun 2019 19:09

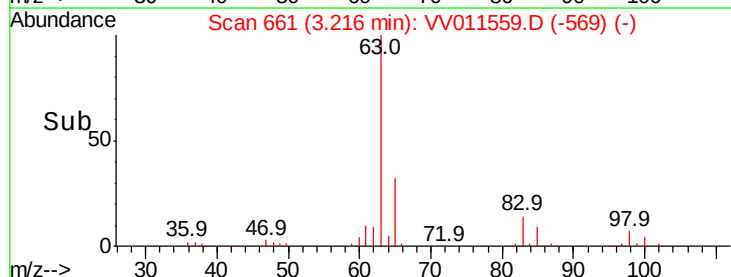
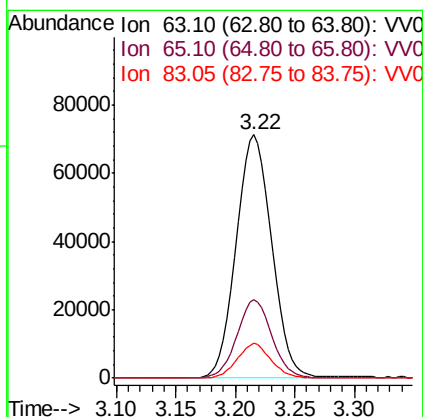
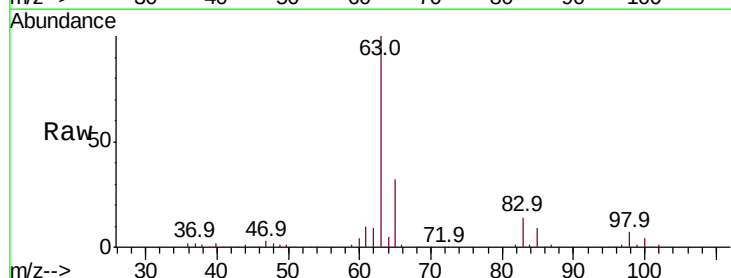
Tgt Ion: 63 Resp: 147972

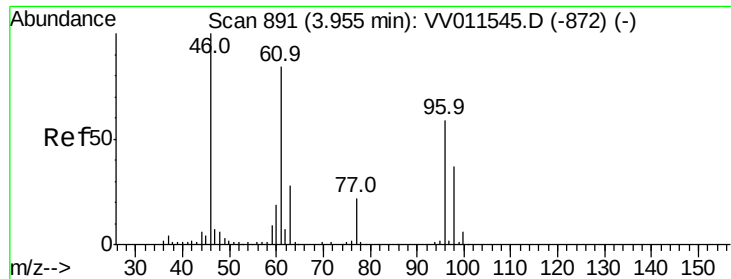
Ion Ratio Lower Upper

63 100

65 32.2 22.5 41.9

83 14.3 10.1 18.9



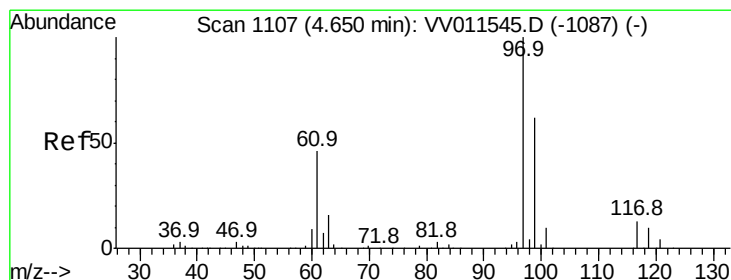
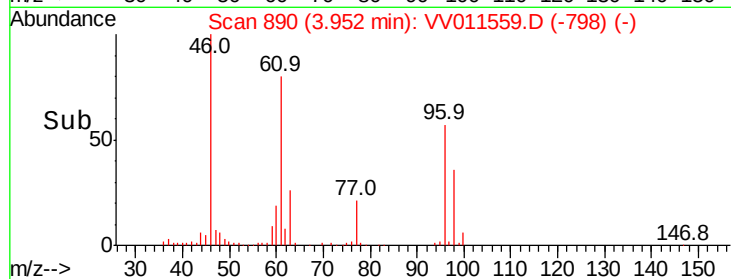
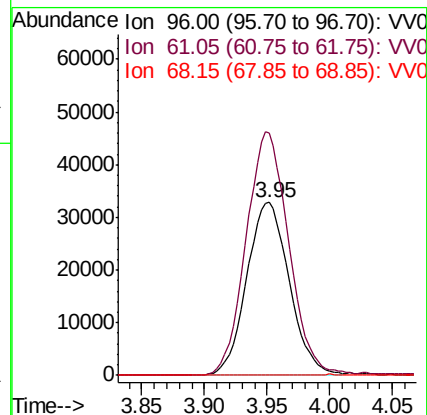
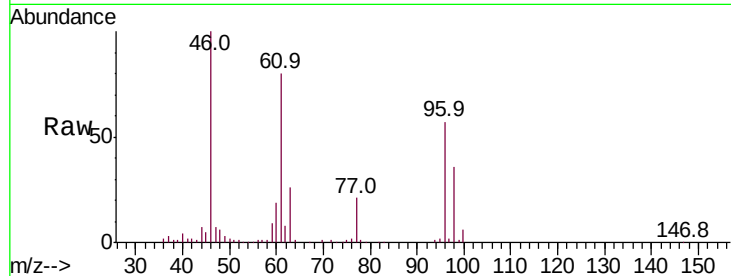


#22

cis-1,2-Dichloroethene
Concen: 5.780 ug/L
RT: 3.95 min Scan# 890
Delta R.T. -0.00 min
Lab File: VV011559.D
Acq: 17 Jun 2019 19:09

Instrument :
MSVOA_V
ClientSampleId :
BFCM1

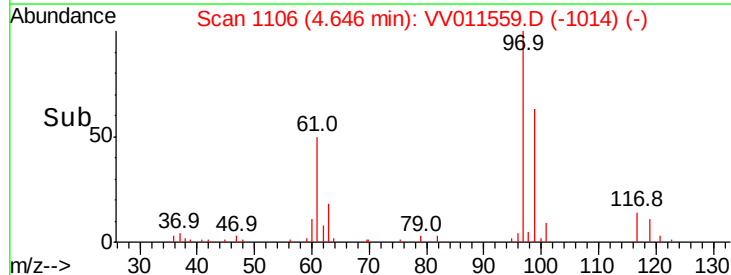
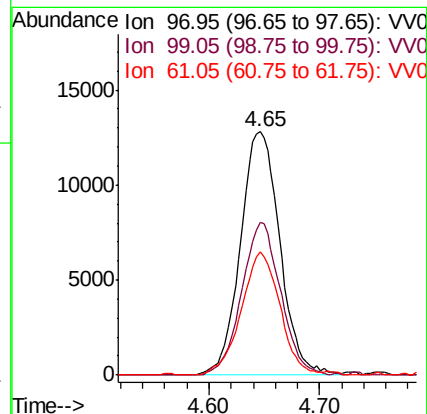
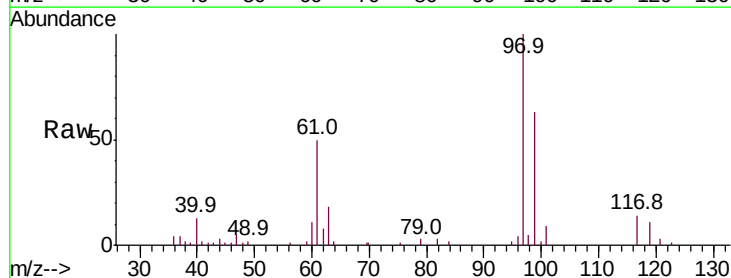
Tot Ion: 96 Resp: 77379
Ion Ratio Lower Upper
96 100
61 139.9 102.2 189.8
68 0.0 0.0 0.0

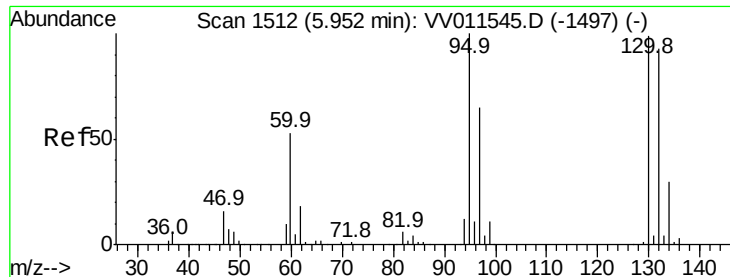


#29

1,1,1-Trichloroethane
Concen: 1.586 ug/L
RT: 4.65 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VV011559.D
Acq: 17 Jun 2019 19:09

Tgt Ion: 97 Resp: 31800
Ion Ratio Lower Upper
97 100
99 61.6 51.6 77.4
61 49.6 40.4 60.6





#34

Trichloroethene

Concen: 4.800 ug/L

RT: 5.95 min Scan# 1512

Delta R.T. -0.00 min

Lab File: VV011559.D

Acq: 17 Jun 2019 19:09

Instrument :

MSVOA_V

ClientSampleId :

BFCM1

Tot Ion: 95 Resp: 64430

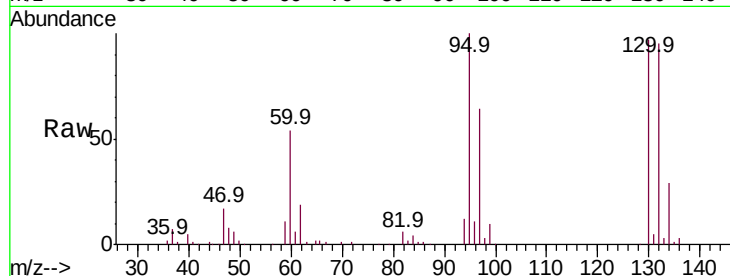
Ion Ratio Lower Upper

95 100

97 63.7 44.4 82.4

132 94.5 63.5 117.9

130 97.1 68.5 127.3

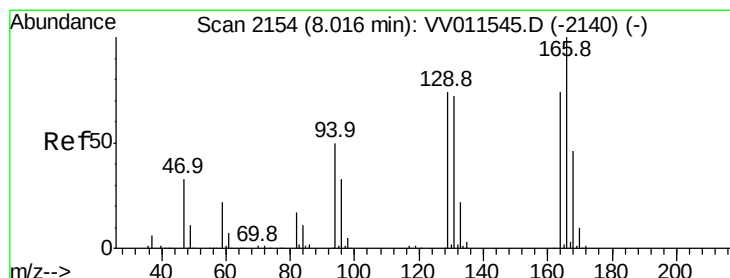
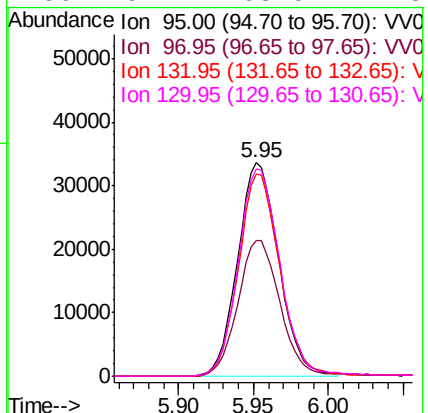
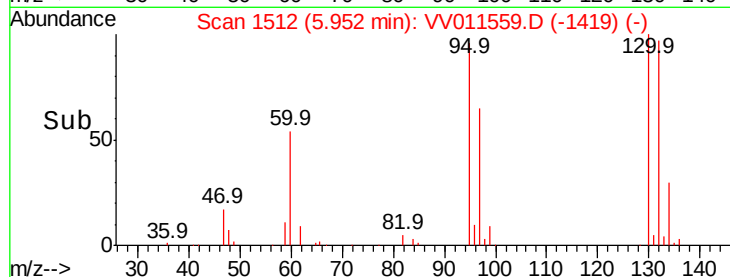


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 1.186 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. -0.00 min

Lab File: VV011559.D

Acq: 17 Jun 2019 19:09

Tgt Ion:164 Resp: 11356

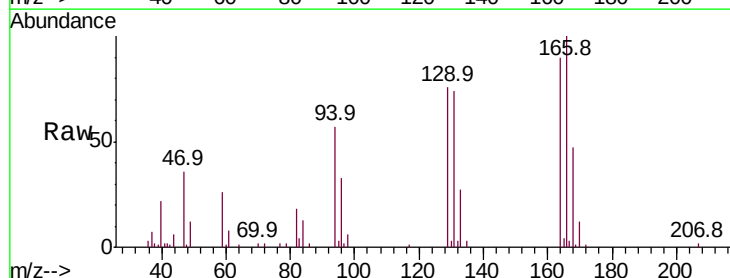
Ion Ratio Lower Upper

164 100

129 85.0 68.8 127.8

131 82.0 63.2 117.4

166 111.2 87.0 161.6



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

