

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061219\
 Data File : VV011453.D
 Acq On : 13 Jun 2019 10:20
 Operator : SY/MD
 Sample : K3289-09 500X
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFCL5

Quant Time: Jun 14 04:19:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 14 03:57:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	137668	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	122643	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	46421	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	31420	3.01	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.20%
7) Chloroethane-d5	1.56	69	28005	3.23	ug/L	-0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	64.60%#
11) 1,1-Dichloroethene-d2	2.12	63	64493	3.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.80%
20) 2-Butanone-d5	3.96	46	112123	47.74	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.48%
24) Chloroform-d	4.40	84	80443	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
26) 1,2-Dichloroethane-d4	5.08	65	46973	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
32) Benzene-d6	5.09	84	154998	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.40%
36) 1,2-Dichloropropane-d6	6.11	67	49177	4.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.00%
41) Toluene-d8	7.36	98	125373	3.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.40%
43) trans-1,3-Dichloropropene-	7.66	79	13019	3.02	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	60.40%
46) 2-Hexanone-d5	8.14	63	76489	42.03	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.06%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	32529	4.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	40502	4.42	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.40%

Target Compounds

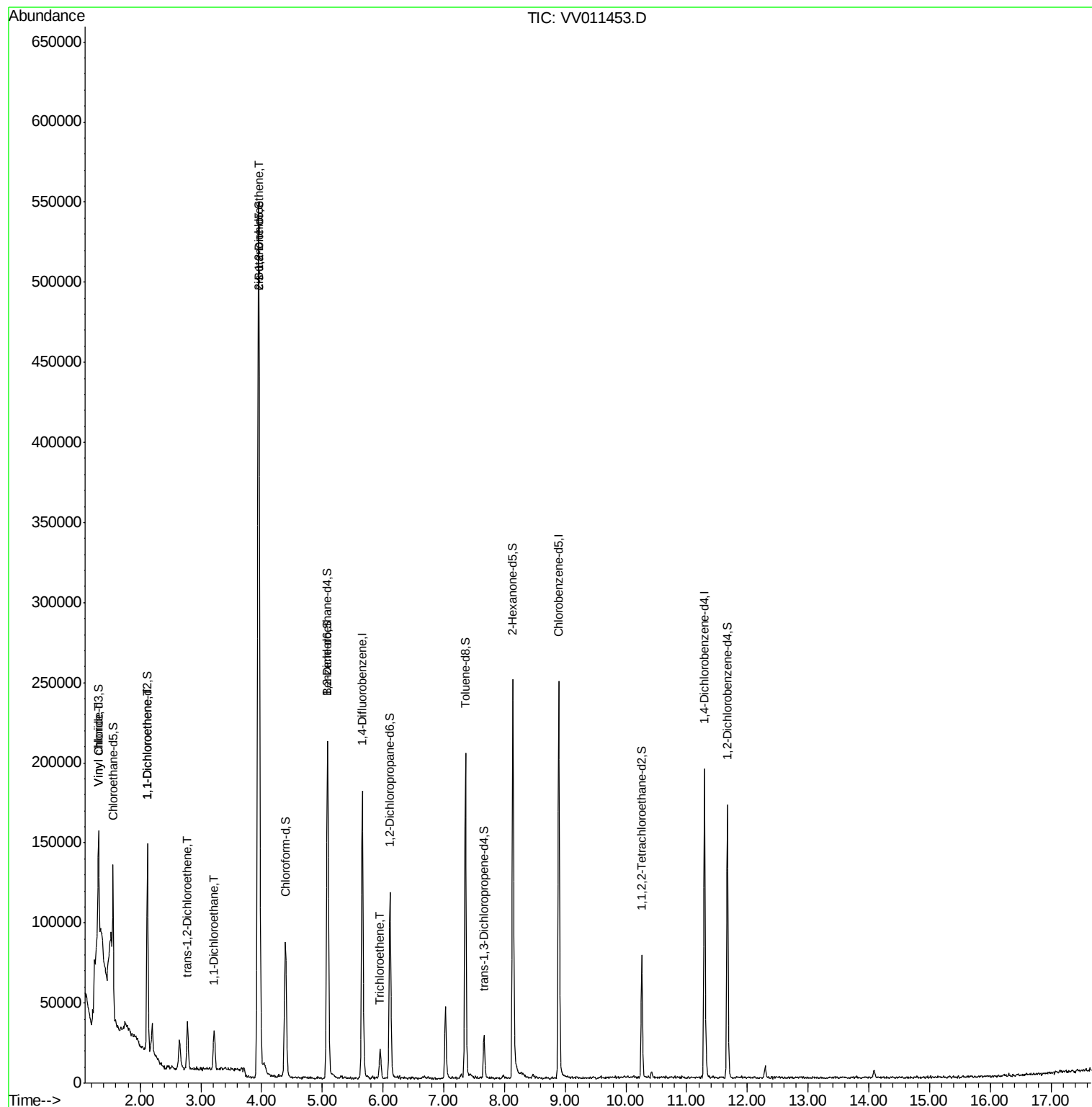
					Ovalue
5) Vinyl chloride	1.32	62	9165	0.724 ug/L #	1
12) 1,1-Dichloroethene	2.13	96	7794	0.899 ug/L #	1
18) trans-1,2-Dichloroethene	2.78	96	9794	1.009 ug/L	94
19) 1,1-Dichloroethane	3.22	63	24108	1.259 ug/L	99
22) cis-1,2-Dichloroethene	3.95	96	246967	22.963 ug/L	97
34) Trichloroethene	5.96	95	5164	0.512 ug/L	84

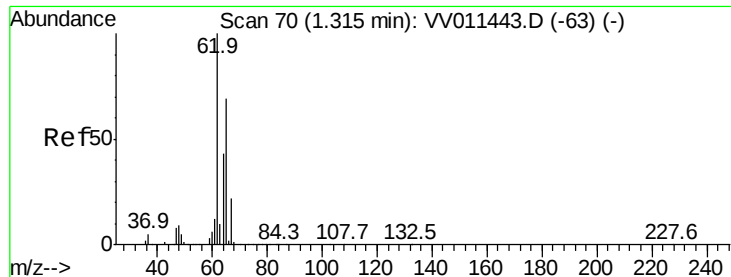
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.724 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV011453.D

Acq: 13 Jun 2019 10:20

Instrument :

MSVOA_V

ClientSampled :

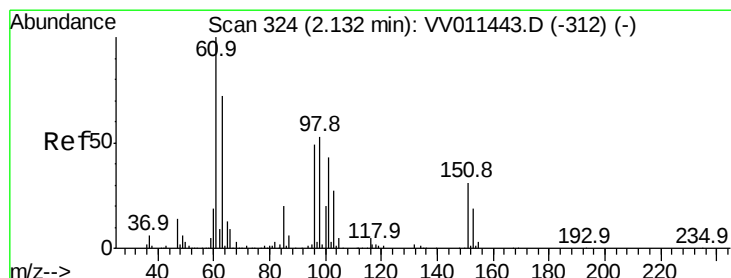
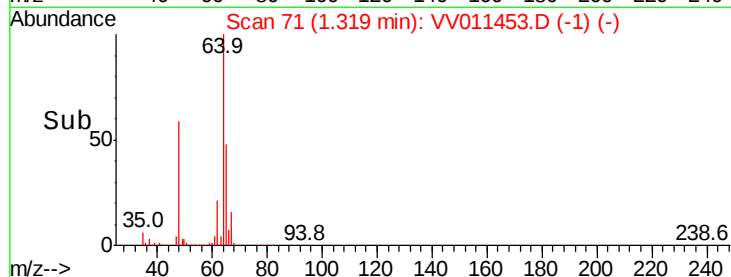
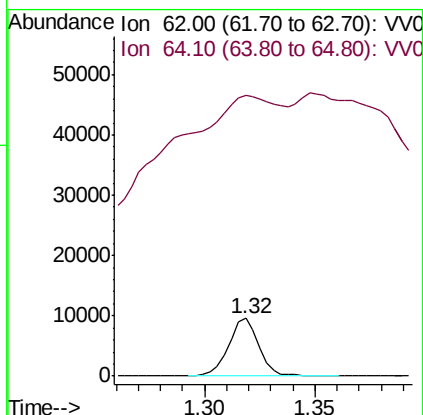
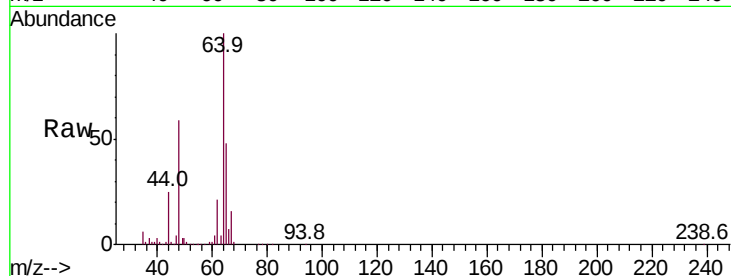
BFCL5

Tot Ion: 62 Resp: 9165

Ion Ratio Lower Upper

62 100

64 485.7 25.9 48.1#



#12

1,1-Dichloroethene

Concen: 0.899 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV011453.D

Acq: 13 Jun 2019 10:20

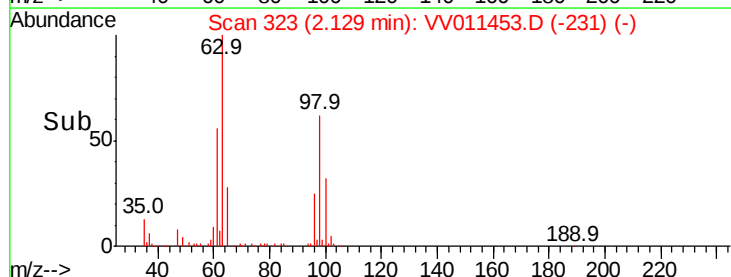
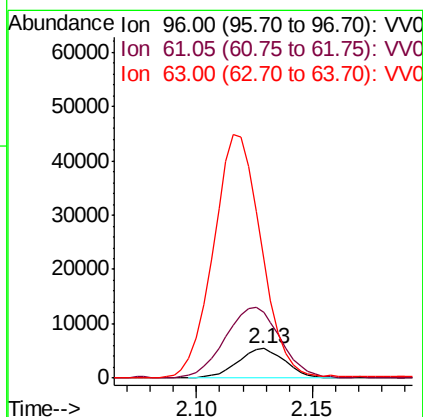
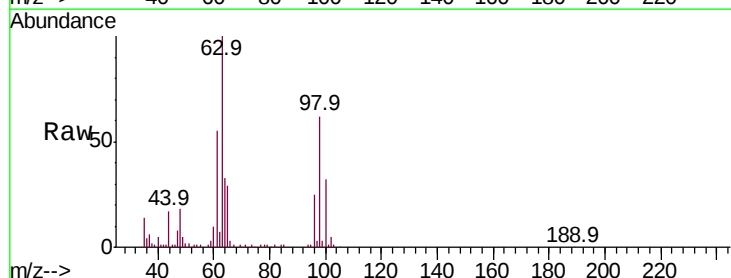
Tgt Ion: 96 Resp: 7794

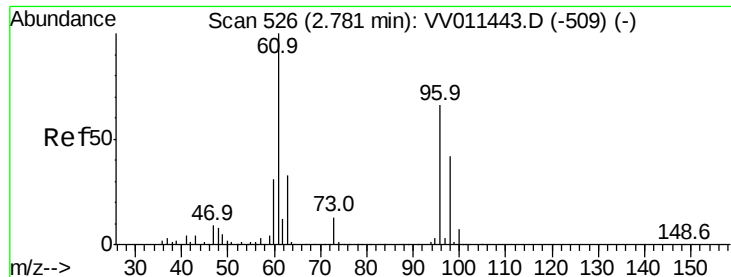
Ion Ratio Lower Upper

96 100

61 224.0 139.8 259.6

63 405.9 94.3 175.1#

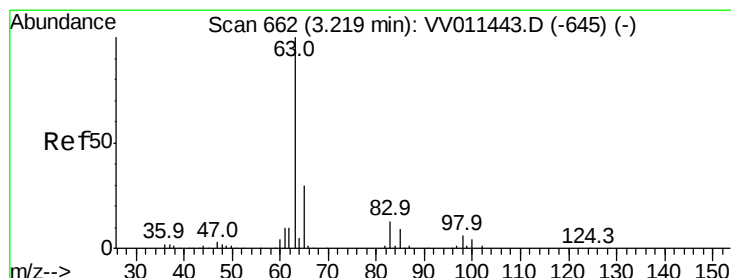
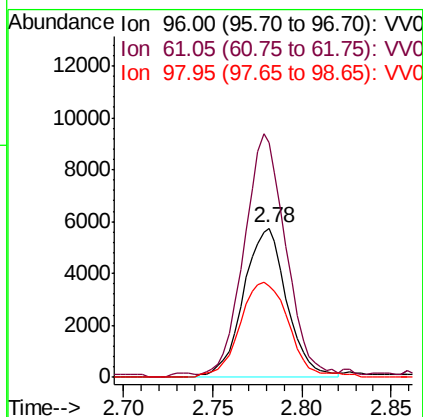
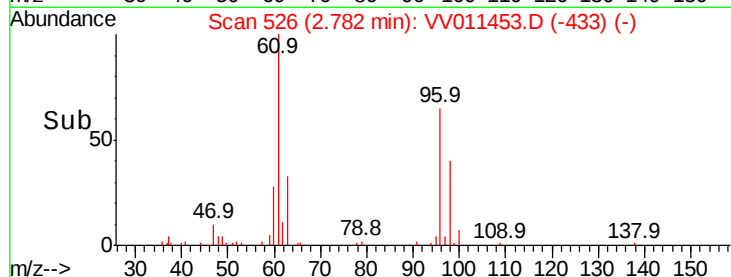
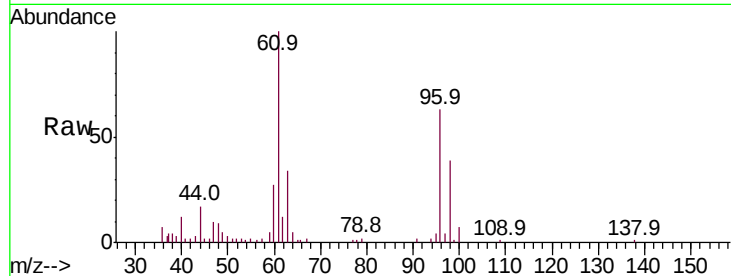




#18
trans-1,2-Dichloroethene
Concen: 1.009 ug/L
RT: 2.78 min Scan# 526
Delta R.T. 0.00 min
Lab File: VV011453.D
Acq: 13 Jun 2019 10:20

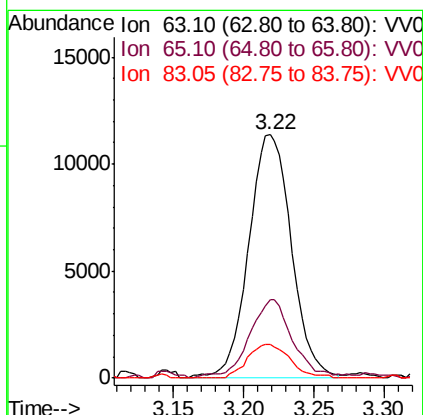
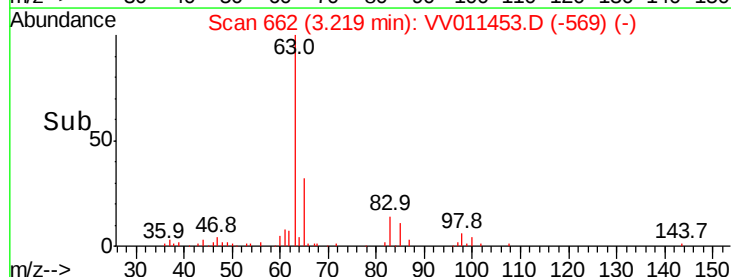
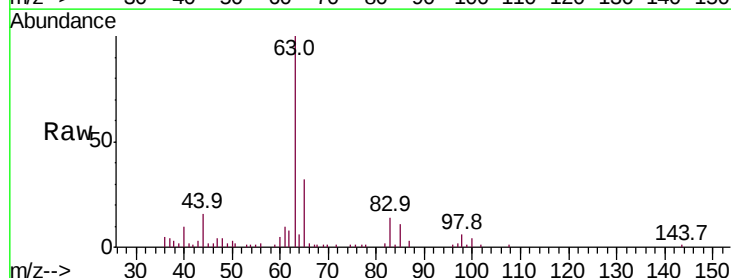
Instrument :
MSVOA_V
ClientSampled :
BFCL5

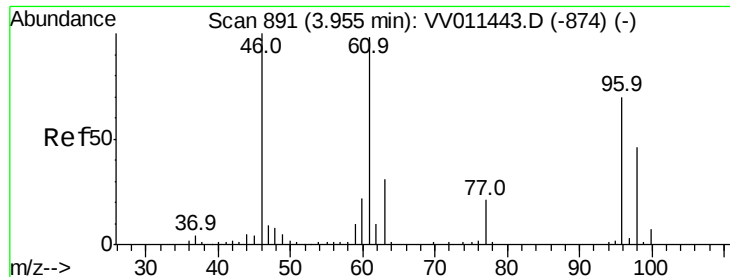
Tot Ion: 96 Resp: 9794
Ion Ratio Lower Upper
96 100
61 157.5 104.0 193.2
98 61.4 45.7 84.9



#19
1,1-Dichloroethane
Concen: 1.259 ug/L
RT: 3.22 min Scan# 662
Delta R.T. 0.00 min
Lab File: VV011453.D
Acq: 13 Jun 2019 10:20

Tgt Ion: 63 Resp: 24108
Ion Ratio Lower Upper
63 100
65 32.1 22.1 41.1
83 14.0 9.2 17.0





#22

cis-1,2-Dichloroethene

Concen: 22.963 ug/L

RT: 3.95 min Scan# 889

Delta R.T. -0.01 min

Lab File: VV011453.D

Acq: 13 Jun 2019 10:20

Instrument :

MSVOA_V

ClientSampleId :

BFCL5

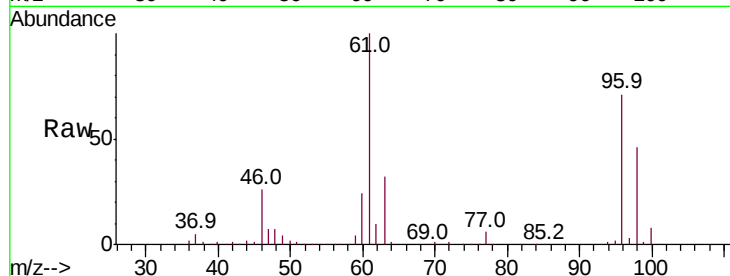
Tot Ion: 96 Resp: 246967

Ion Ratio Lower Upper

96 100

61 140.0 100.8 187.2

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV011443.D (-874) (-)

Ion 61.05 (60.75 to 61.75): VV011443.D (-874) (-)

Ion 68.15 (67.85 to 68.85): VV011443.D (-874) (-)

200000

150000

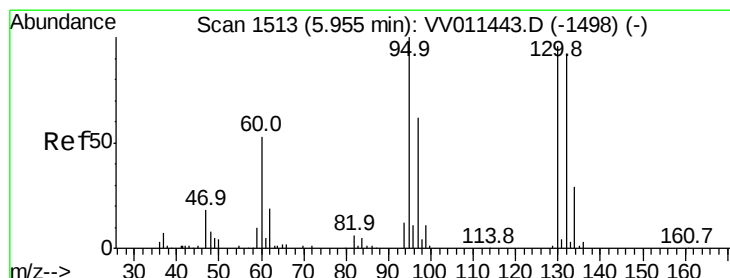
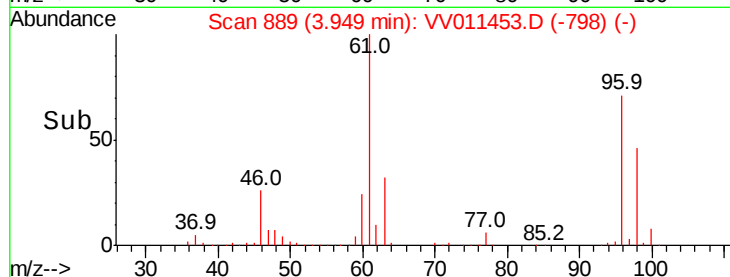
100000

50000

0

3.90 4.00

Time-->



#34

Trichloroethene

Concen: 0.512 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VV011453.D

Acq: 13 Jun 2019 10:20

Tgt Ion: 95 Resp: 5164

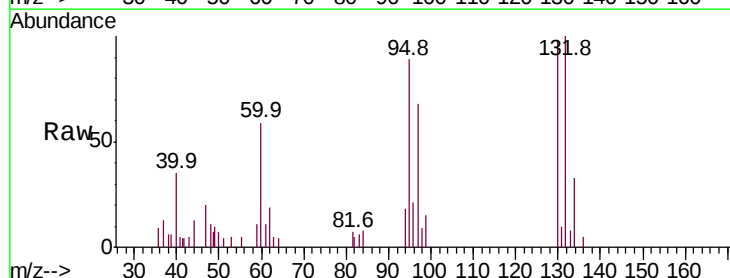
Ion Ratio Lower Upper

95 100

97 77.4 45.8 85.2

132 113.0 66.4 123.2

130 110.4 68.3 126.8



Abundance Ion 95.00 (94.70 to 95.70): VV011443.D (-1498) (-)

Ion 96.95 (96.65 to 97.65): VV011443.D (-1498) (-)

Ion 131.95 (131.65 to 132.65): VV011443.D (-1498) (-)

Ion 129.95 (129.65 to 130.65): VV011443.D (-1498) (-)

4000

3000

2000

1000

0

5.90 5.95 6.00

Time-->

