

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061419\
 Data File : VV011512.D
 Acq On : 15 Jun 2019 01:26
 Operator : SY/MD
 Sample : K3289-09DL 1000X
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFCL5DL

Quant Time: Jun 15 03:10:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jun 15 02:56:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	183497	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	166514	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	63996	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	62587	4.52	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.40%
7) Chloroethane-d5	1.58	69	48248	5.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.80%
11) 1,1-Dichloroethene-d2	2.12	63	97738	3.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.00%
20) 2-Butanone-d5	3.96	46	202194	51.87	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.74%
24) Chloroform-d	4.40	84	127295	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
26) 1,2-Dichloroethane-d4	5.08	65	76347	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.80%
32) Benzene-d6	5.09	84	250694	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
36) 1,2-Dichloropropane-d6	6.12	67	79656	5.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.00%
41) Toluene-d8	7.36	98	213606	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
43) trans-1,3-Dichloropropene-	7.66	79	23425	4.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.20%
46) 2-Hexanone-d5	8.14	63	154029	50.87	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.74%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	55251	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	68814	5.39	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.80%

Target Compounds

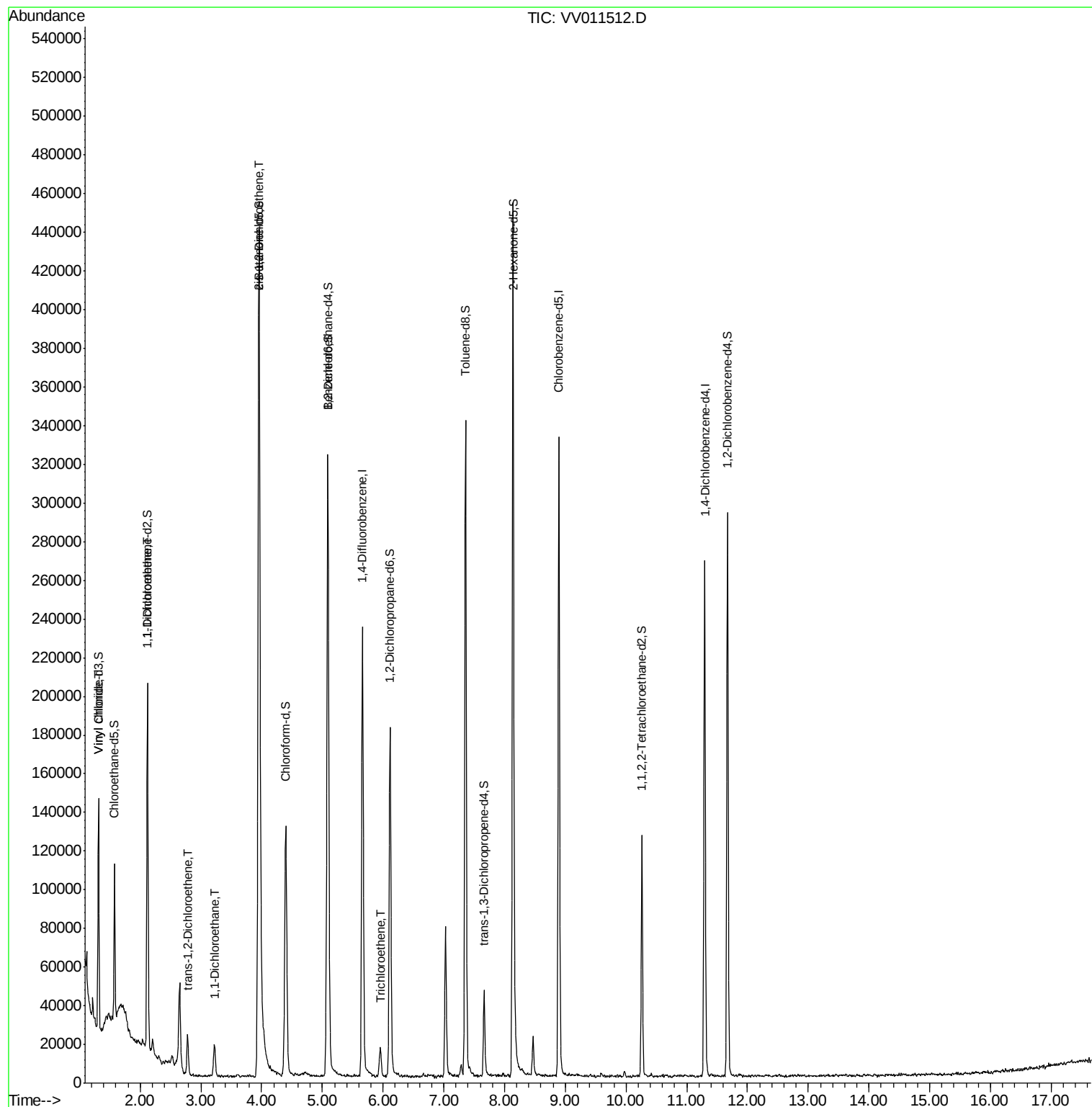
					Ovalue
5) Vinyl chloride	1.32	62	6651	0.380 ug/L #	66
12) 1,1-Dichloroethene	2.13	96	5698	0.499 ug/L #	1
18) trans-1,2-Dichloroethene	2.78	96	6963	0.540 ug/L	93
19) 1,1-Dichloroethane	3.22	63	16426	0.615 ug/L	96
22) cis-1,2-Dichloroethene	3.96	96	178254	12.193 ug/L	96
34) Trichloroethene	5.96	95	4099	0.296 ug/L	87

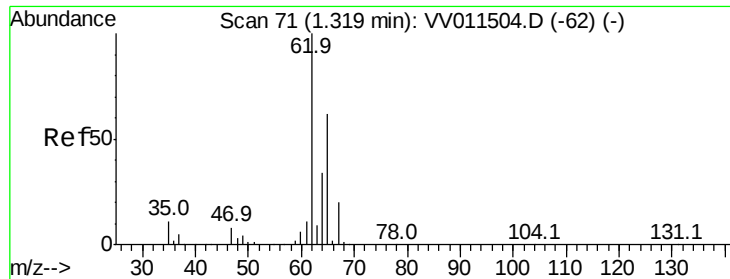
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 15 02:56:00 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.380 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV011512.D

Acq: 15 Jun 2019 01:26

Instrument :

MSVOA_V

ClientSampleId :

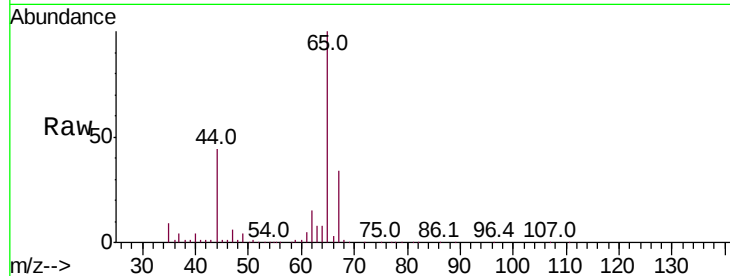
BFCL5DL

Tot Ion: 62 Resp: 6651

Ion Ratio Lower Upper

62 100

64 52.0 23.0 42.6#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0

8000

6000

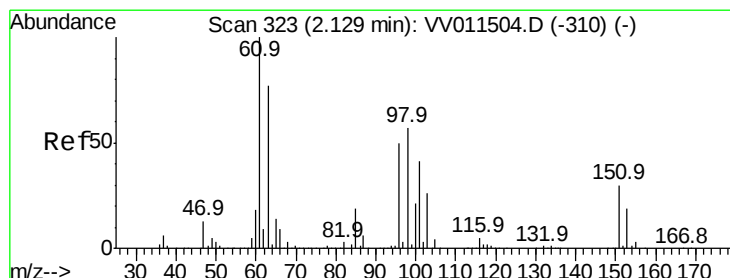
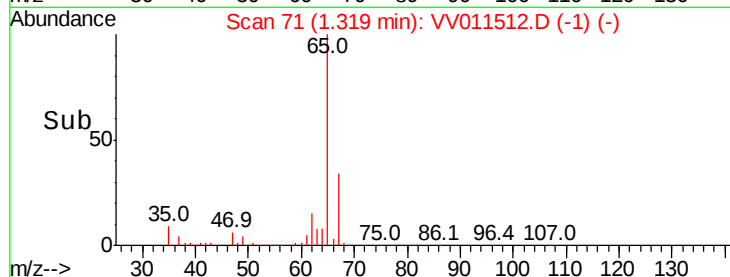
4000

2000

0

1.30 1.32 1.35

Time-->



#12

1,1-Dichloroethene

Concen: 0.499 ug/L

RT: 2.13 min Scan# 324

Delta R.T. 0.00 min

Lab File: VV011512.D

Acq: 15 Jun 2019 01:26

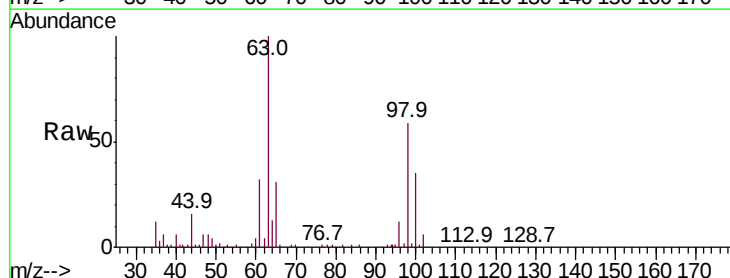
Tgt Ion: 96 Resp: 5698

Ion Ratio Lower Upper

96 100

61 277.0 135.9 252.5#

63 856.1 86.2 160.2#



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0

80000

60000

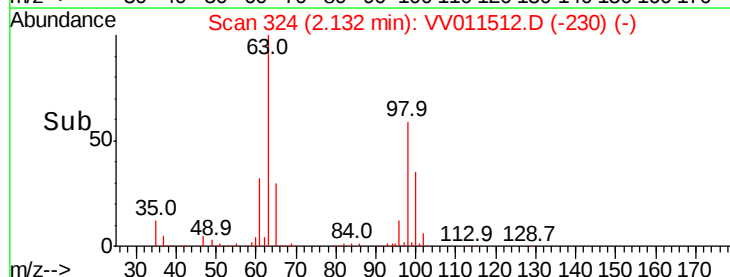
40000

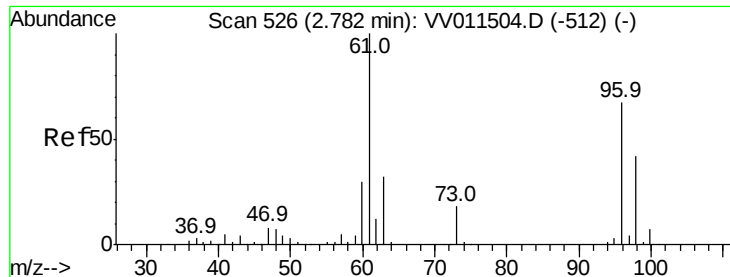
20000

0

2.05 2.10 2.13 2.15 2.20

Time-->

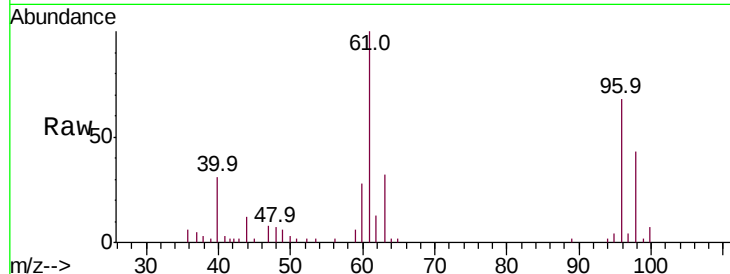




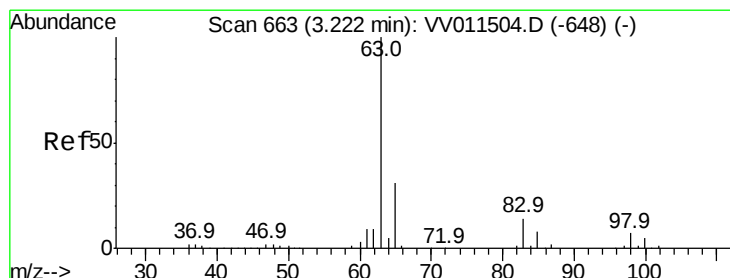
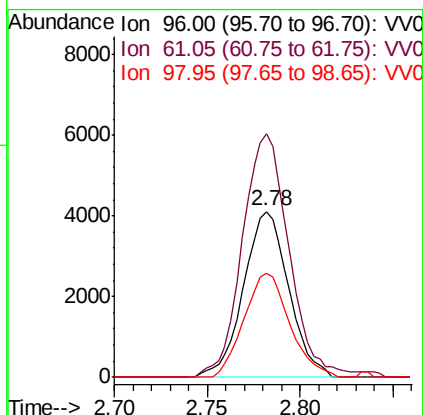
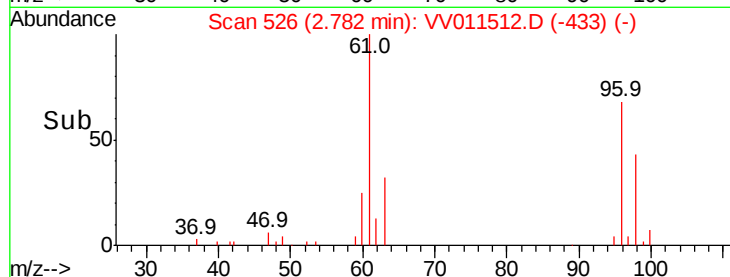
#18
 trans-1,2-Dichloroethene
 Concen: 0.540 ug/L
 RT: 2.78 min Scan# 526
 Delta R.T. 0.00 min
 Lab File: VV011512.D
 Acq: 15 Jun 2019 01:26

Instrument :
 MSVOA_V
 ClientSampleId :
 BFCL5DL

Tot Ion: 96 Resp: 6963
 Ion Ratio Lower Upper
 96 100
 61 146.6 110.0 204.4
 98 62.8 45.8 85.0

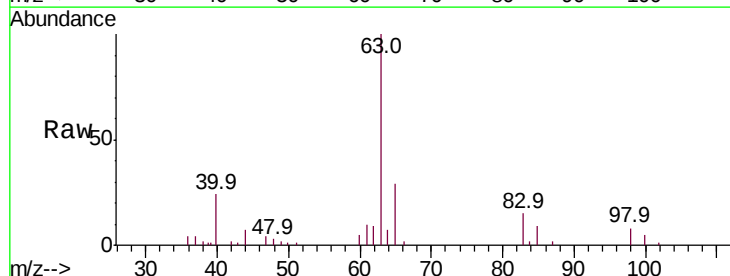


Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0
 Ion 97.95 (97.65 to 98.65): VV0

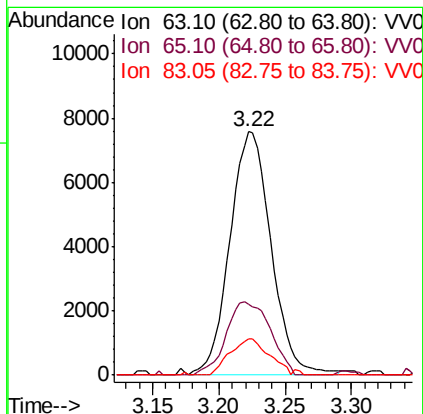
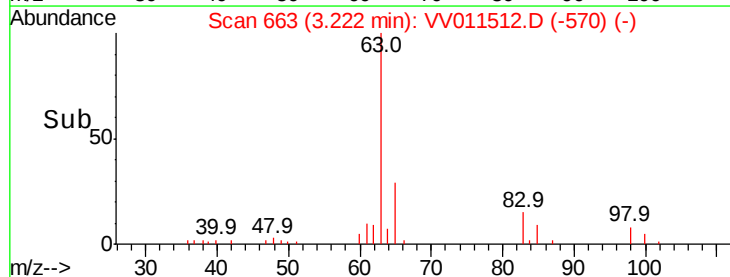


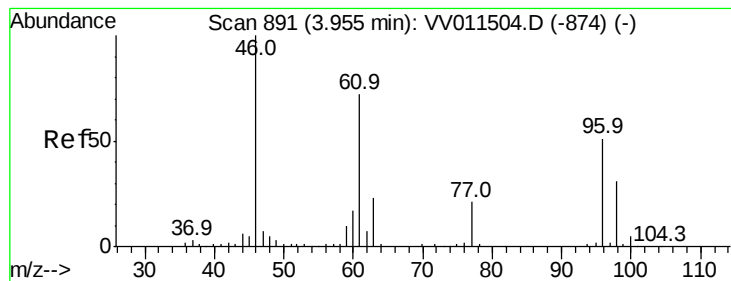
#19
 1,1-Dichloroethane
 Concen: 0.615 ug/L
 RT: 3.22 min Scan# 663
 Delta R.T. 0.00 min
 Lab File: VV011512.D
 Acq: 15 Jun 2019 01:26

Tgt Ion: 63 Resp: 16426
 Ion Ratio Lower Upper
 63 100
 65 29.3 22.5 41.9
 83 14.8 10.1 18.9



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: 12.193 ug/L

RT: 3.96 min Scan# 891

Delta R.T. 0.00 min

Lab File: VV011512.D

Acq: 15 Jun 2019 01:26

Instrument :
MSVOA_V
ClientSampleId :
BFCL5DL

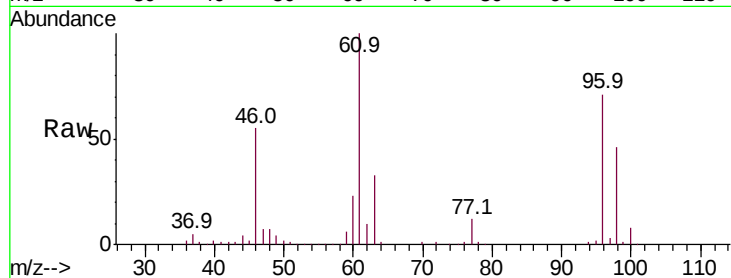
Tot Ion: 96 Resp: 178254

Ion Ratio Lower Upper

96 100

61 141.3 102.2 189.8

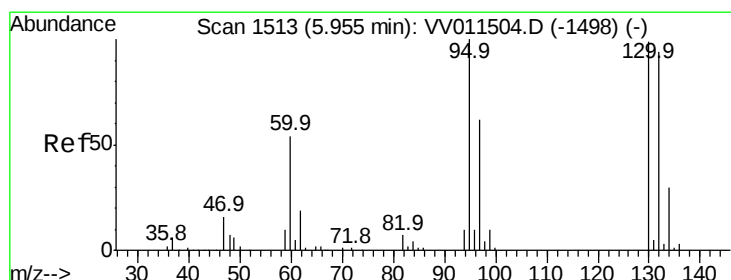
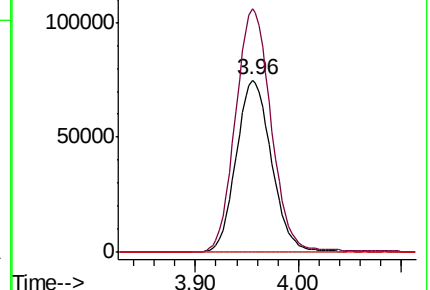
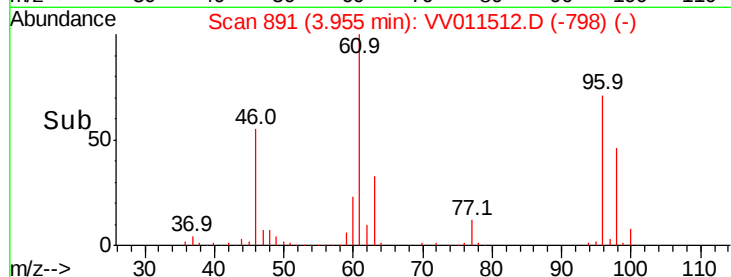
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV011512.D (-798) (-)

Ion 61.05 (60.75 to 61.75): VV011512.D (-798) (-)

Ion 68.15 (67.85 to 68.85): VV011512.D (-798) (-)



#34

Trichloroethene

Concen: 0.296 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV011512.D

Acq: 15 Jun 2019 01:26

Tgt Ion: 95 Resp: 4099

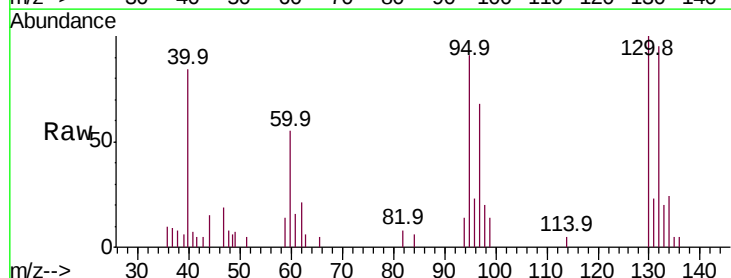
Ion Ratio Lower Upper

95 100

97 74.2 44.4 82.4

132 104.0 63.5 117.9

130 109.5 68.5 127.3



Abundance Ion 95.00 (94.70 to 95.70): VV011512.D (-1420) (-)

Ion 96.95 (96.65 to 97.65): VV011512.D (-1420) (-)

Ion 131.95 (131.65 to 132.65): VV011512.D (-1420) (-)

Ion 129.95 (129.65 to 130.65): VV011512.D (-1420) (-)

