

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061919\
 Data File : VV011598.D
 Acq On : 19 Jun 2019 02:26
 Operator : SY/MD
 Sample : K3386-11
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COM91

Quant Time: Jun 19 11:22:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jun 19 07:50:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	166771	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	147669	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	56262	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	40023	3.18	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.60%
7) Chloroethane-d5	1.57	69	31388	3.93	ug/L	-0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.60%
11) 1,1-Dichloroethene-d2	2.12	63	97163	4.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.00%
20) 2-Butanone-d5	3.95	46	186443	52.62	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.24%
24) Chloroform-d	4.40	84	107483	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
26) 1,2-Dichloroethane-d4	5.08	65	68436	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
32) Benzene-d6	5.09	84	208857	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
36) 1,2-Dichloropropane-d6	6.12	67	70228	5.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.40%
41) Toluene-d8	7.36	98	168778	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.00%
43) trans-1,3-Dichloropropene-	7.66	79	17817	3.83	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.60%
46) 2-Hexanone-d5	8.14	63	138017	51.39	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.78%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	50473	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	55309	4.93	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.60%

Target Compounds

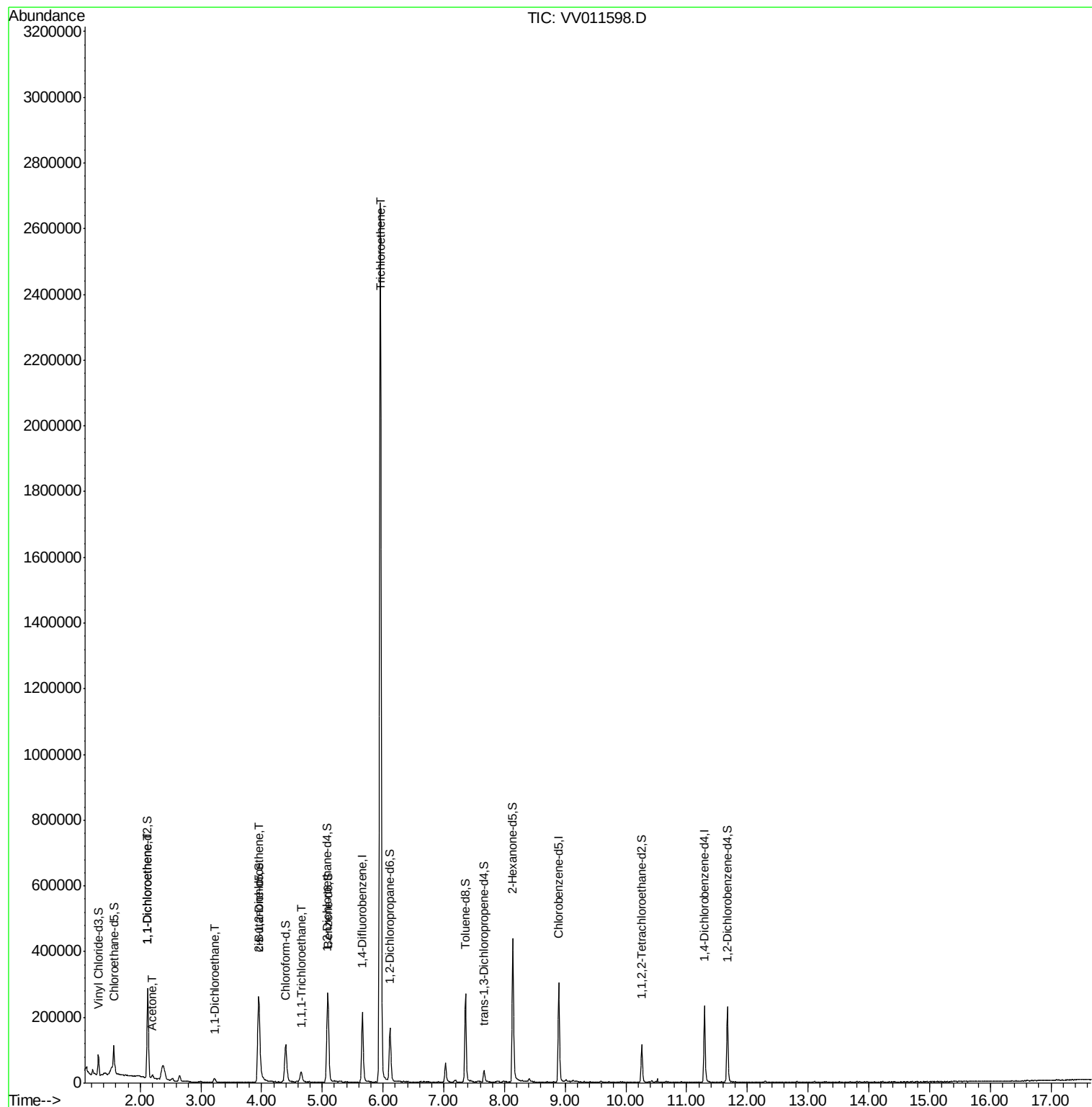
					Ovalue
12) 1,1-Dichloroethene	2.13	96	52431	5.055 ug/L	98
13) Acetone	2.20	43	5897	2.470 ug/L	85
19) 1,1-Dichloroethane	3.22	63	10267	0.423 ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	82836	6.235 ug/L	93
29) 1,1,1-Trichloroethane	4.65	97	22729	1.237 ug/L	98
34) Trichloroethene	5.96	95	893056	72.606 ug/L	98

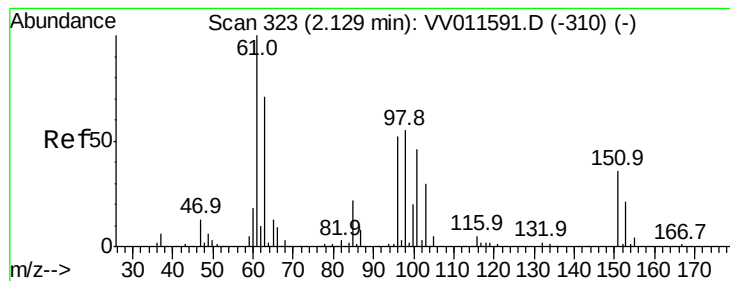
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 5.055 ug/L

RT: 2.13 min Scan# 323

Delta R.T. 0.00 min

Lab File: VV011598.D

Acq: 19 Jun 2019 02:26

Instrument :

MSVOA_V

ClientSampled :

COM91

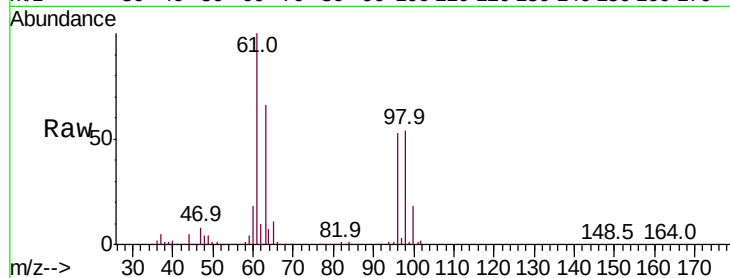
Tot Ion: 96 Resp: 52431

Ion Ratio Lower Upper

96 100

61 189.6 135.9 252.5

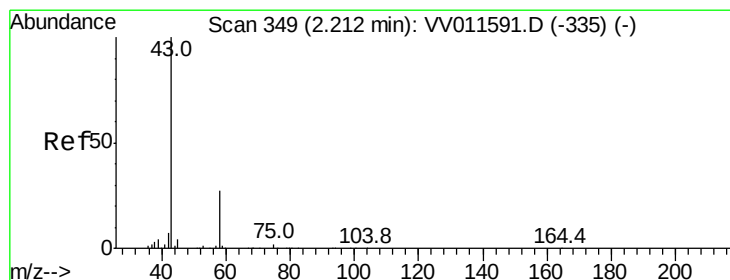
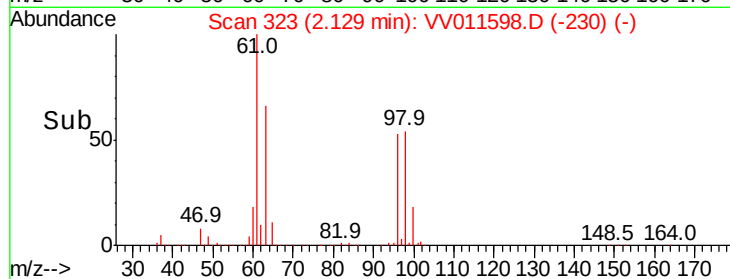
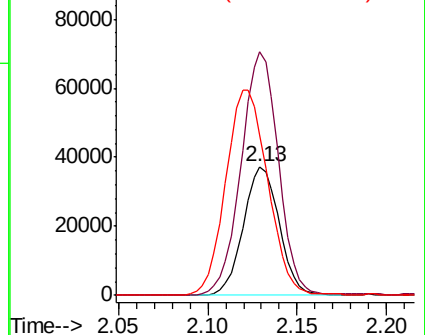
63 124.7 86.2 160.2



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



#13

Acetone

Concen: 2.470 ug/L

RT: 2.20 min Scan# 345

Delta R.T. -0.02 min

Lab File: VV011598.D

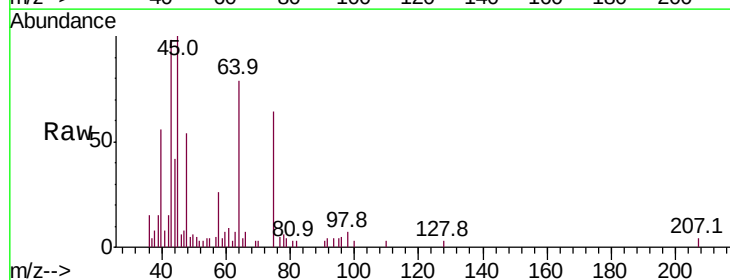
Acq: 19 Jun 2019 02:26

Tgt Ion: 43 Resp: 5897

Ion Ratio Lower Upper

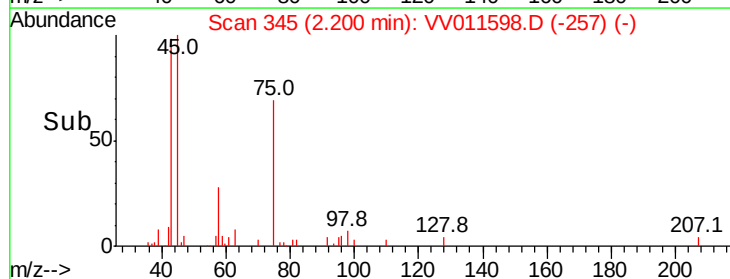
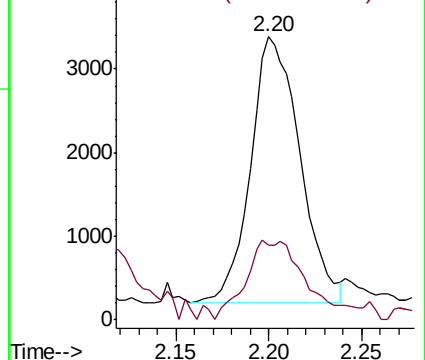
43 100

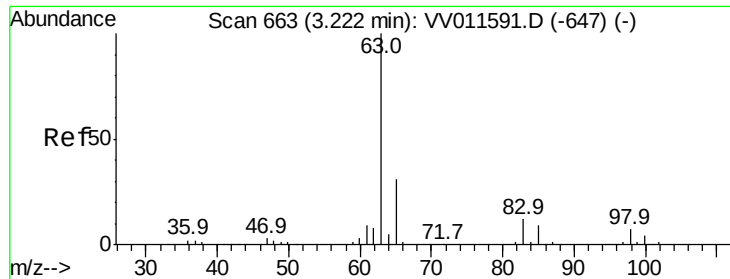
58 37.1 0.0 57.8



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0





#19

1,1-Dichloroethane

Concen: 0.423 ug/L

RT: 3.22 min Scan# 663

Delta R.T. 0.00 min

Lab File: VV011598.D

Acq: 19 Jun 2019 02:26

Instrument :

MSVOA_V

ClientSampleId :

COM91

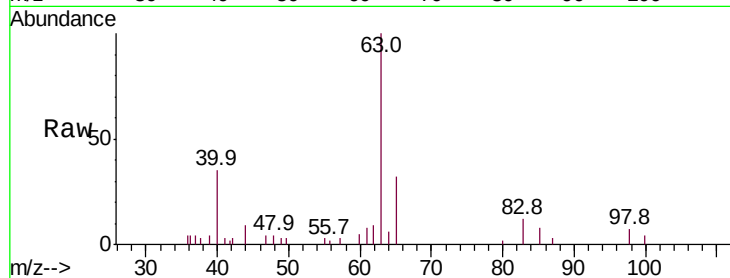
Tot Ion: 63 Resp: 10267

Ion Ratio Lower Upper

63 100

65 32.1 22.5 41.9

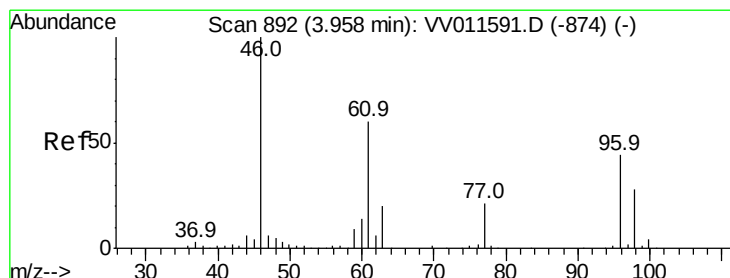
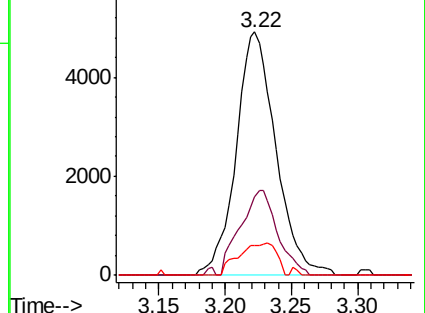
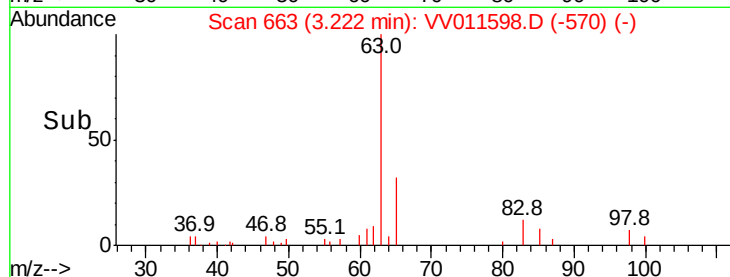
83 12.3 10.1 18.9



Abundance Ion 63.10 (62.80 to 63.80): VV011591.D (-647) (-)

Ion 65.10 (64.80 to 65.80): VV011591.D (-647) (-)

Ion 83.05 (82.75 to 83.75): VV011591.D (-647) (-)



#22

cis-1,2-Dichloroethene

Concen: 6.235 ug/L

RT: 3.96 min Scan# 891

Delta R.T. 0.00 min

Lab File: VV011598.D

Acq: 19 Jun 2019 02:26

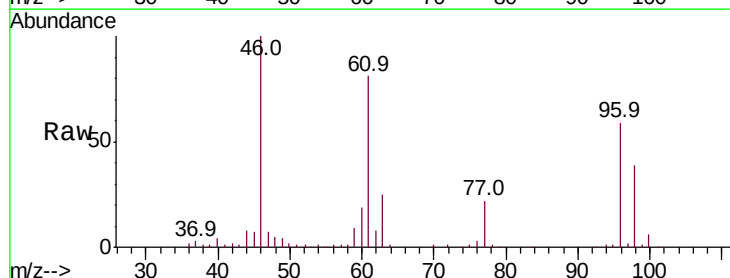
Tgt Ion: 96 Resp: 82836

Ion Ratio Lower Upper

96 100

61 137.5 102.2 189.8

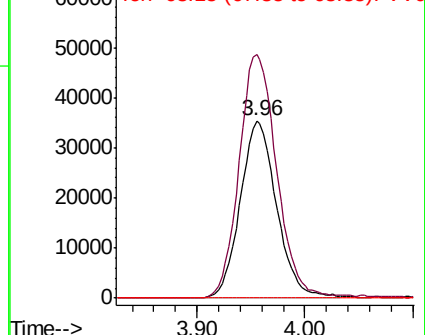
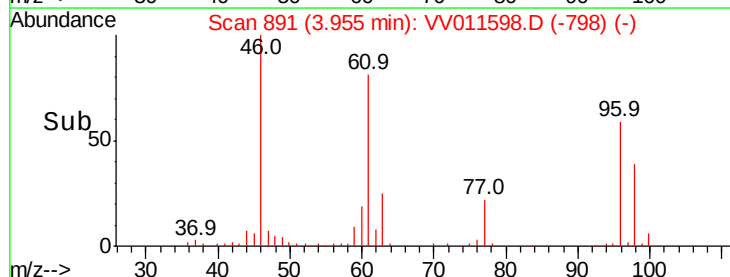
68 0.0 0.0 0.0

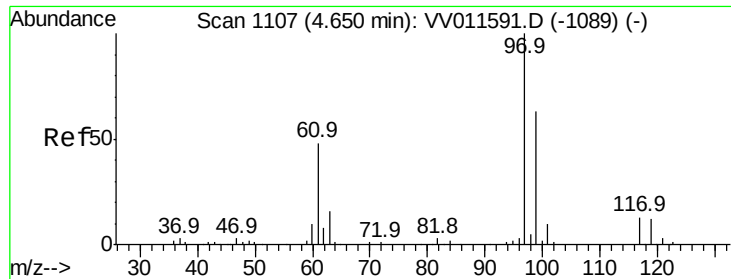


Abundance Ion 96.00 (95.70 to 96.70): VV011598.D (-798) (-)

Ion 61.05 (60.75 to 61.75): VV011598.D (-798) (-)

Ion 68.15 (67.85 to 68.85): VV011598.D (-798) (-)

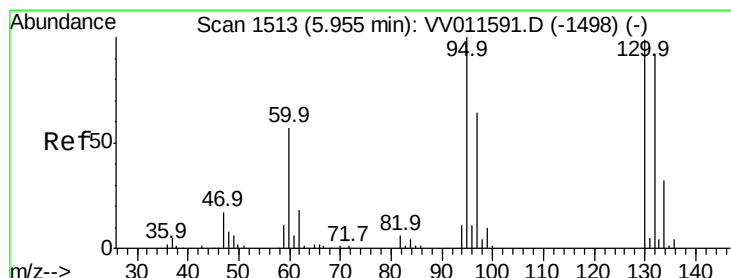
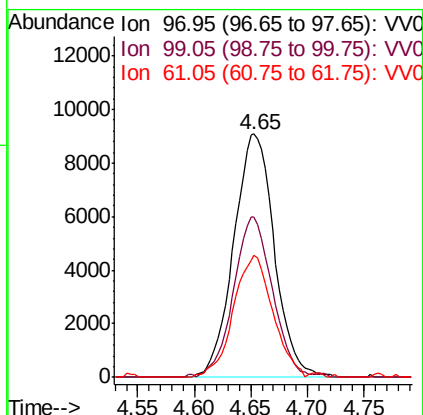
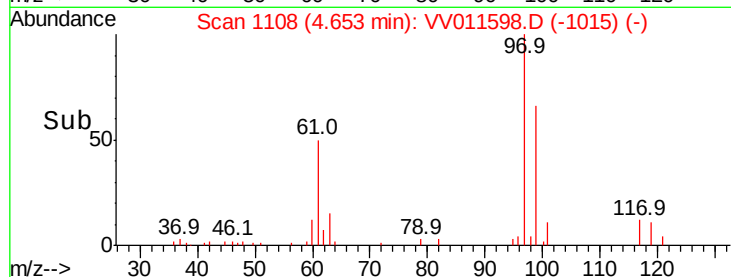
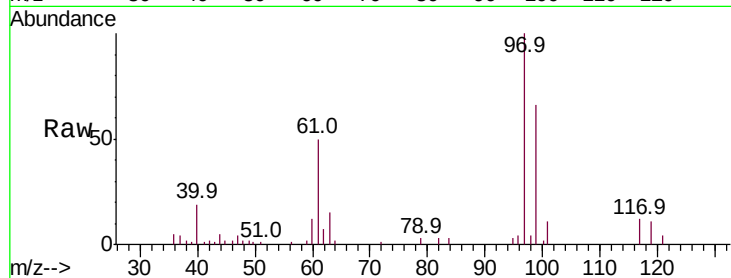




#29
1,1,1-Trichloroethane
Concen: 1.237 ug/L
RT: 4.65 min Scan# 1108
Delta R.T. 0.00 min
Lab File: VV011598.D
Acq: 19 Jun 2019 02:26

Instrument :
MSVOA_V
ClientSampleId :
COM91

Tot Ion: 97 Resp: 22729
Ion Ratio Lower Upper
97 100
99 62.8 51.6 77.4
61 48.6 40.4 60.6



#34
Trichloroethene
Concen: 72.606 ug/L
RT: 5.96 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VV011598.D
Acq: 19 Jun 2019 02:26

Tgt Ion: 95 Resp: 893056
Ion Ratio Lower Upper
95 100
97 64.8 44.4 82.4
132 92.1 63.5 117.9
130 96.5 68.5 127.3

