

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121620\
 Data File : VV019679.D
 Acq On : 16 Dec 2020 17:00
 Operator : SY/MD
 Sample : L5062-11
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 17 00:31:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 17 00:30:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	587178	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	550813	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	249627	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	211457	50.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.44%
7) Chloroethane-d5	1.57	69	170876	51.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.92%
11) 1,1-Dichloroethene-d2	2.11	63	298089	38.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.28%
21) 2-Butanone-d5	3.90	46	306255	133.82	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	133.82%#
24) Chloroform-d	4.35	84	374068	49.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.58%
26) 1,2-Dichloroethane-d4	5.04	65	264212	53.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.56%
32) Benzene-d6	5.05	84	765250	52.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.18%
36) 1,2-Dichloropropane-d6	6.07	67	243755	52.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.94%
41) Toluene-d8	7.32	98	654842	49.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.02%
43) trans-1,3-Dichloropropene-	7.62	79	109984	42.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.04%
47) 2-Hexanone-d5	8.09	63	205449	113.75	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.75%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	302957	48.67	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.34%
64) 1,2-Dichlorobenzene-d4	11.63	152	237549	50.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.82%

Target Compounds

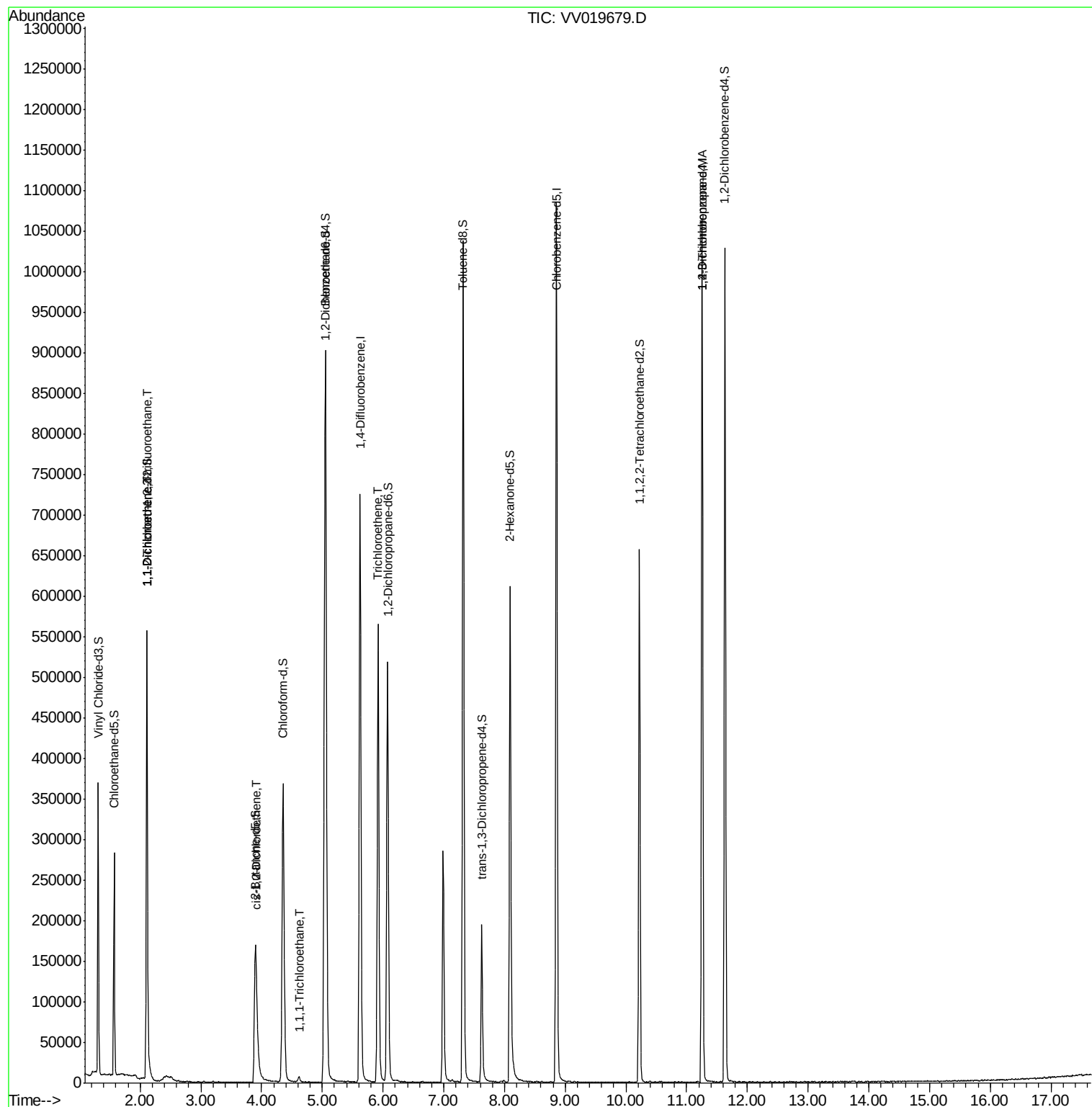
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	2606	0.764 ug/L #	24
12) 1,1-Dichloroethene	2.12	96	13539	3.870 ug/L #	1
20) cis-1,2-Dichloroethene	3.92	96	11789	2.797 ug/L #	95
30) 1,1,1-Trichloroethane	4.62	97	5068	0.734 ug/L	95
34) Trichloroethene	5.92	95	199168	46.836 ug/L	98
59) 1,2,3-Trichloropropane	11.25	75	34250	6.550 ug/L	94

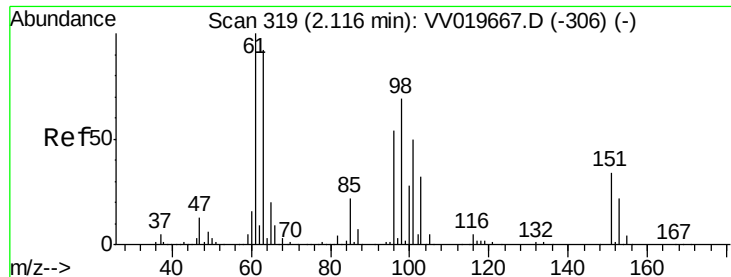
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Dec 17 00:30:07 2020
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.764 ug/L

RT: 2.11 min Scan# 318

Delta R.T. -0.00 min

Lab File: VV019679.D

Acq: 16 Dec 2020 17:00

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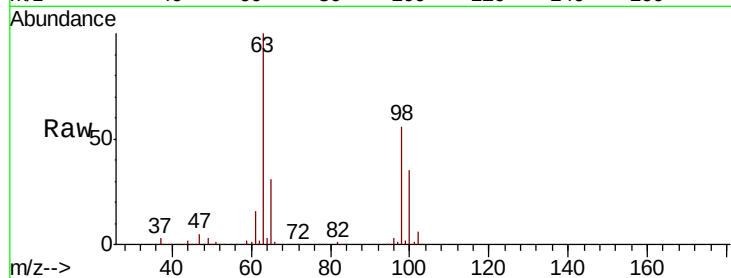
Tot Ion:101 Resp: 2606

Ion Ratio Lower Upper

101 100

85 1.6 35.0 52.4#

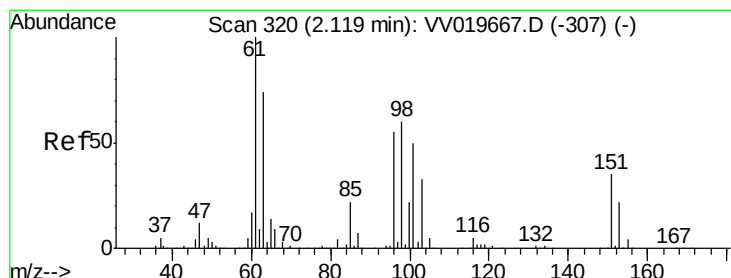
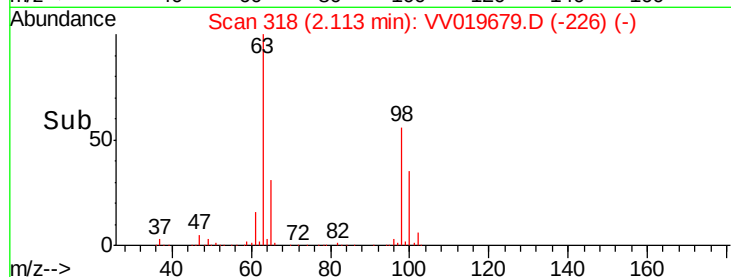
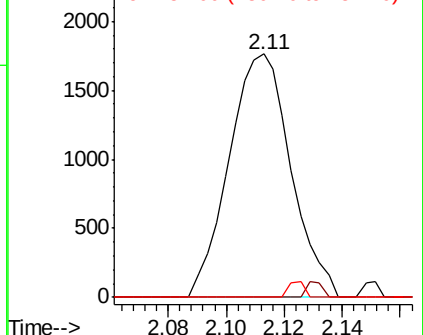
151 1.6 55.8 83.8#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 3.870 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.00 min

Lab File: VV019679.D

Acq: 16 Dec 2020 17:00

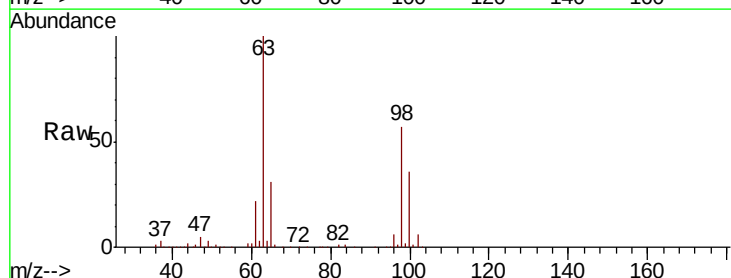
Tgt Ion: 96 Resp: 13539

Ion Ratio Lower Upper

96 100

61 357.9 120.7 224.1#

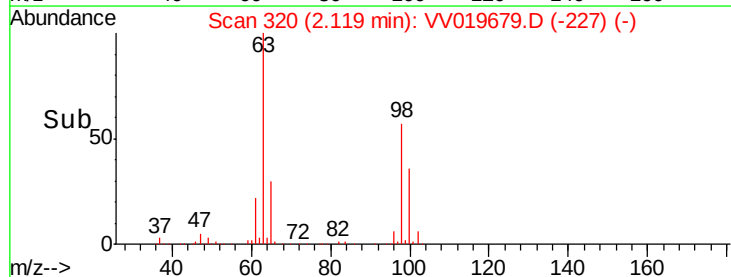
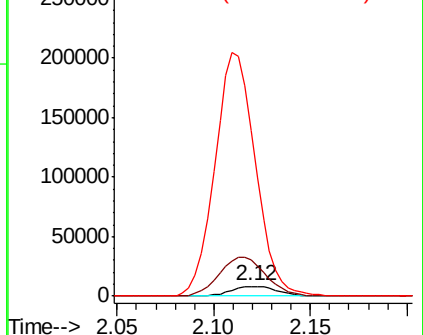
63 1664.6 64.3 119.5#

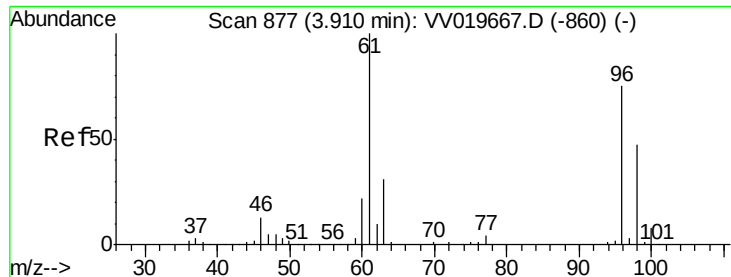


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#20

cis-1,2-Dichloroethene

Concen: 2.797 ug/L

RT: 3.92 min Scan# 879

Delta R.T. 0.01 min

Lab File: VV019679.D

Acq: 16 Dec 2020 17:00

Instrument :

MSVOA_V

ClientSampleId :

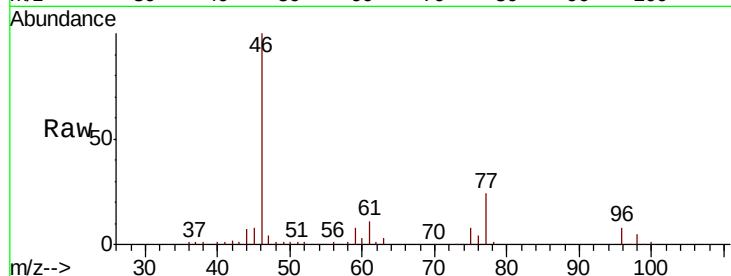
Tot Ion: 96 Resp: 11789

Ion Ratio Lower Upper

96 100

61 140.2 94.1 174.8

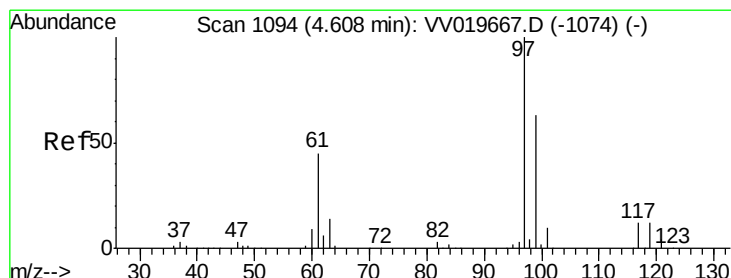
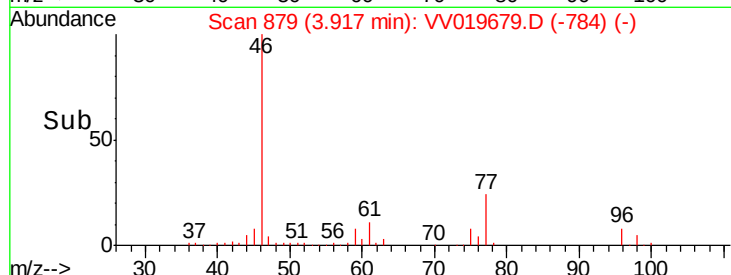
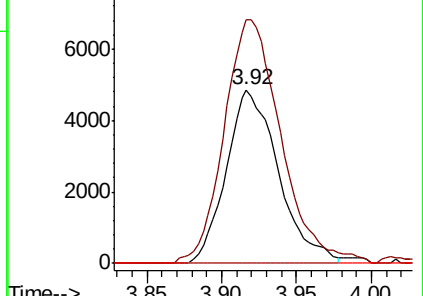
68 0.0 0.1 0.1#



Abundance Ion 96.00 (95.70 to 96.70): VV019667.D (-860) (-)

Ion 61.00 (60.70 to 61.70): VV019667.D (-860) (-)

Ion 68.00 (67.70 to 68.70): VV019667.D (-860) (-)



#30

1,1,1-Trichloroethane

Concen: 0.734 ug/L

RT: 4.62 min Scan# 1098

Delta R.T. 0.01 min

Lab File: VV019679.D

Acq: 16 Dec 2020 17:00

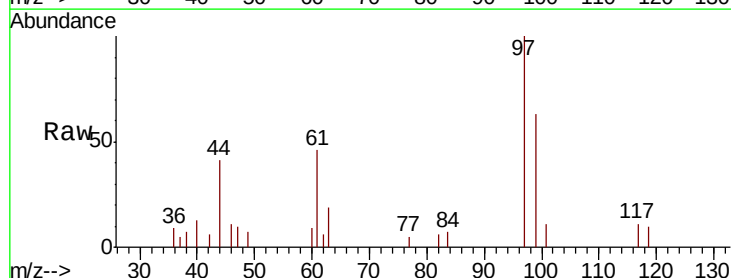
Tgt Ion: 97 Resp: 5068

Ion Ratio Lower Upper

97 100

99 59.6 51.3 76.9

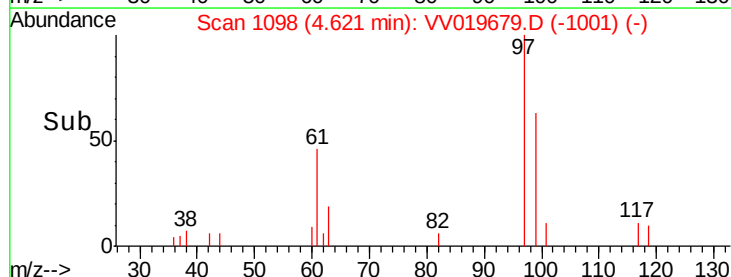
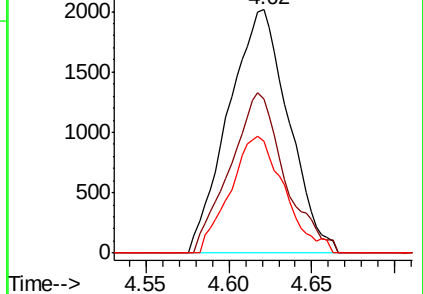
61 42.5 36.3 54.5

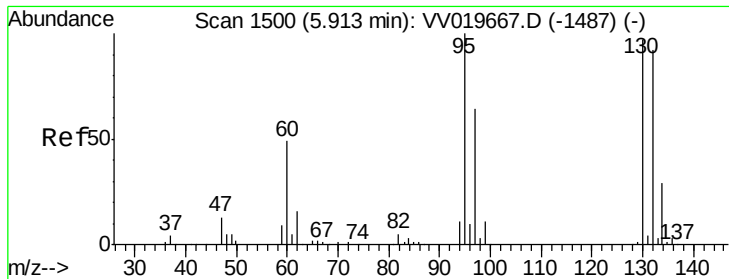


Abundance Ion 97.00 (96.70 to 97.70): VV019667.D (-1074) (-)

Ion 99.00 (98.70 to 99.70): VV019667.D (-1074) (-)

Ion 61.05 (60.75 to 61.75): VV019667.D (-1074) (-)

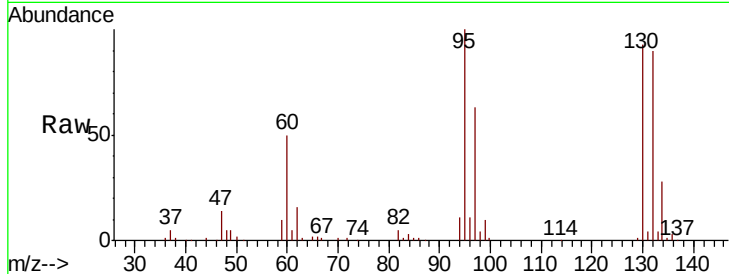




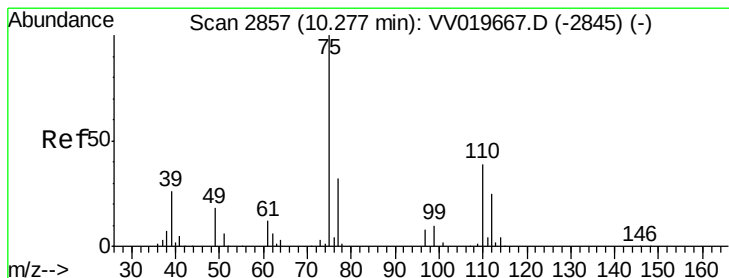
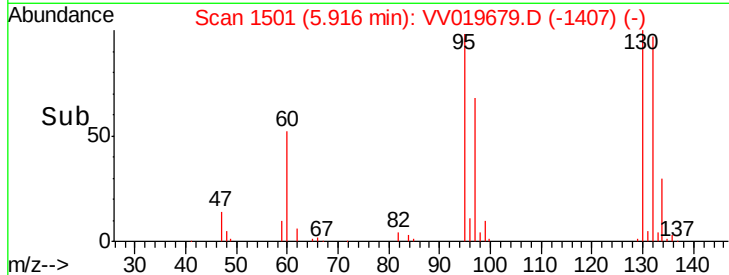
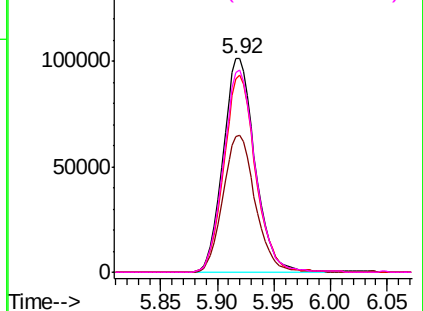
#34
 Trichloroethene
 Concen: 46.836 ug/L
 RT: 5.92 min Scan# 1501
 Delta R.T. 0.00 min
 Lab File: VV019679.D
 Acq: 16 Dec 2020 17:00

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 95 Resp: 199168
 Ion Ratio Lower Upper
 95 100
 97 63.5 44.4 82.4
 132 90.2 64.3 119.3
 130 93.4 67.8 125.8

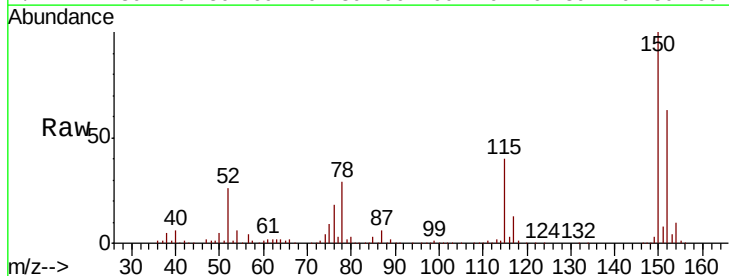


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 97.00 (96.70 to 97.70): VV0
 Ion 132.00 (131.70 to 132.70): VV0
 Ion 130.00 (129.70 to 130.70): VV0



#59
 1,2,3-Trichloropropane
 Concen: 6.550 ug/L
 RT: 11.25 min Scan# 3161
 Delta R.T. 0.98 min
 Lab File: VV019679.D
 Acq: 16 Dec 2020 17:00

Tgt Ion: 75 Resp: 34250
 Ion Ratio Lower Upper
 75 100
 77 35.6 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VV0
 Ion 77.00 (76.70 to 77.70): VV0

