

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111919\
 Data File : VV013678.D
 Acq On : 19 Nov 2019 15:09
 Operator : SY/MD
 Sample : K5910-11
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAQJ4

Quant Time: Nov 20 02:04:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 20 01:31:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	325377	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	320263	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	143353	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	103463	5.15	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.00%
7) Chloroethane-d5	1.58	69	101378	5.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.00%
11) 1,1-Dichloroethene-d2	2.13	63	145386	4.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.60%
20) 2-Butanone-d5	3.93	46	294265	63.31	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	126.62%
24) Chloroform-d	4.40	84	246050	5.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.80%
26) 1,2-Dichloroethane-d4	5.08	65	124145	5.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.20%
32) Benzene-d6	5.10	84	476260	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.80%
36) 1,2-Dichloropropane-d6	6.11	67	150309	5.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	114.00%
41) Toluene-d8	7.36	98	395434	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
43) trans-1,3-Dichloropropene-	7.66	79	50292	4.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.20%
46) 2-Hexanone-d5	8.13	63	198279	51.61	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.22%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	102494	5.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	161607	5.86	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.20%

Target Compounds

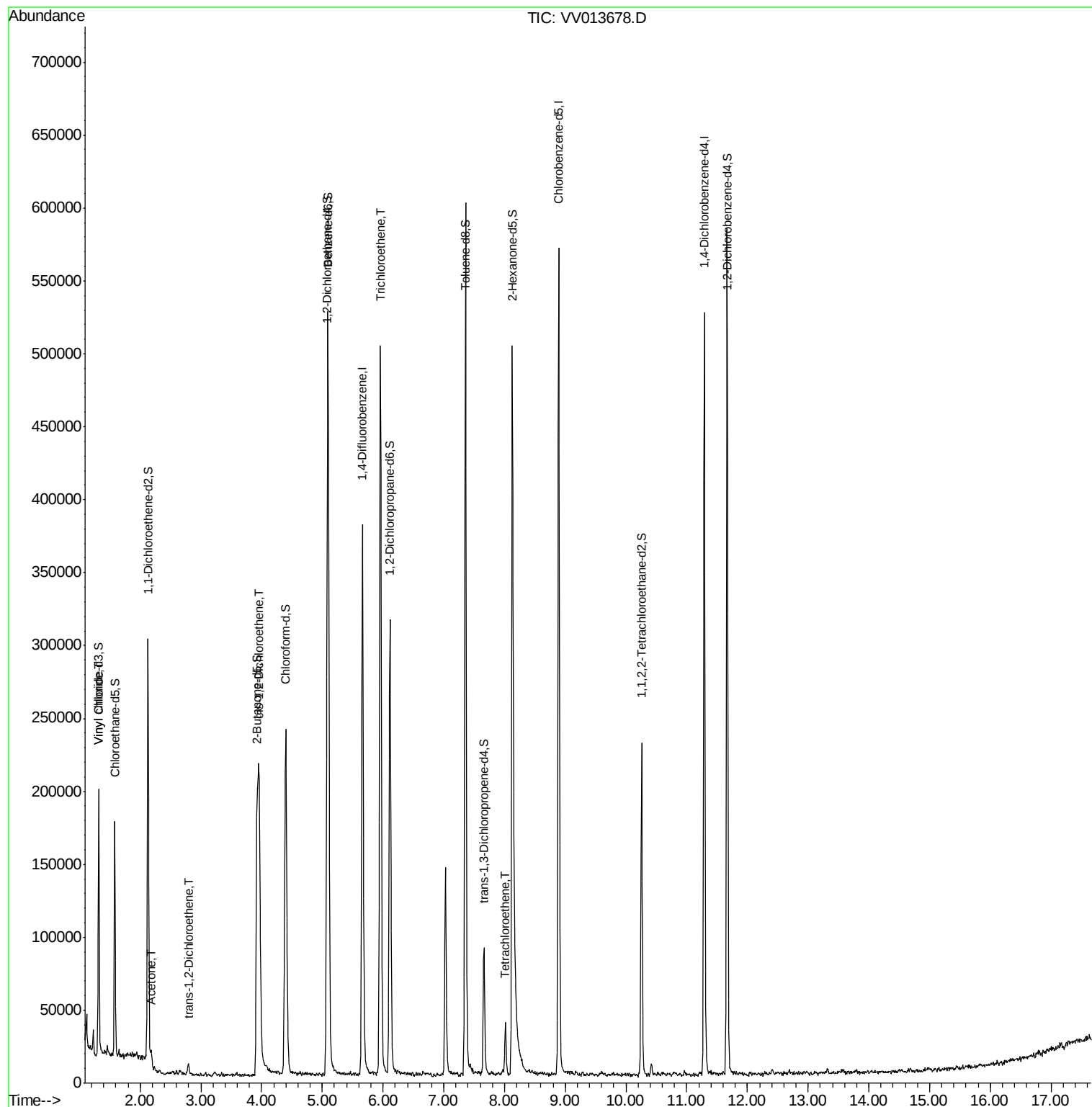
					Ovalue
5) Vinyl chloride	1.32	62	6574	0.240 ug/L #	69
13) Acetone	2.18	43	7059	2.407 ug/L #	19
18) trans-1,2-Dichloroethene	2.79	96	2696	0.112 ug/L	85
22) cis-1,2-Dichloroethene	3.96	96	95772	3.849 ug/L #	99
34) Trichloroethene	5.96	95	172227	6.638 ug/L	99
47) Tetrachloroethene	8.02	164	8482	0.353 ug/L	95

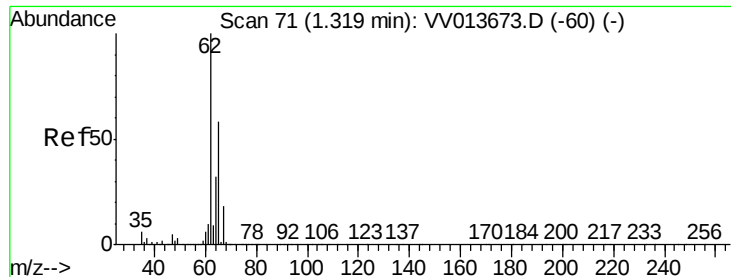
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 20 01:31:47 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.240 ug/L

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

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Acq: 19 Nov 2019 15:09

Instrument :

MSVOA_V

ClientSampleId :

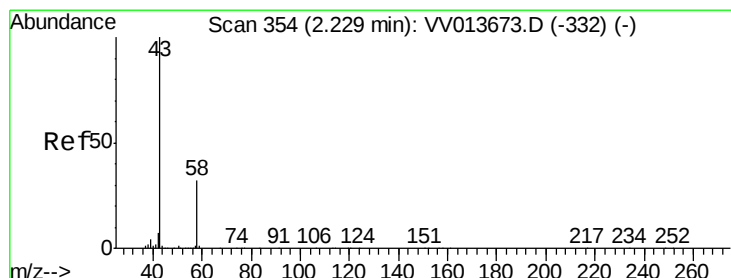
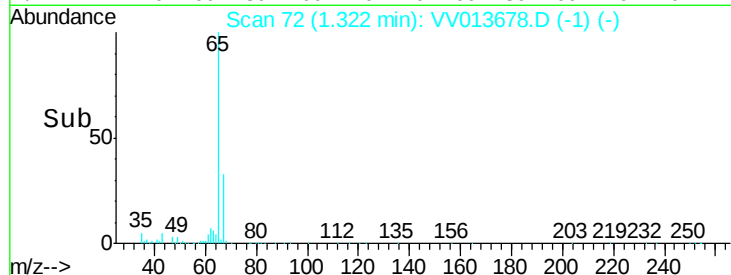
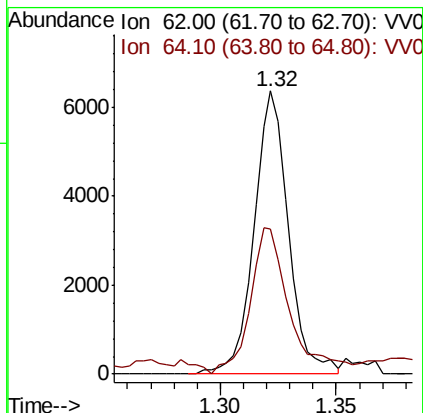
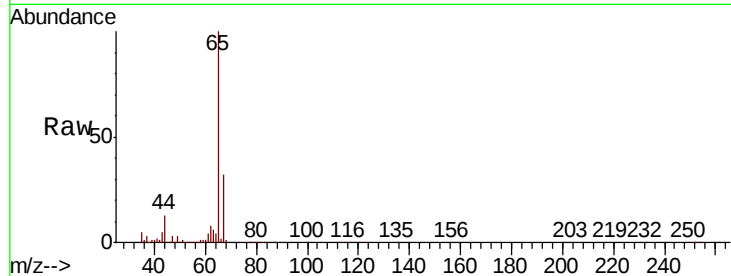
GAQJ4

Tot Ion: 62 Resp: 6574

Ion Ratio Lower Upper

62 100

64 51.4 23.4 43.6#



#13

Acetone

Concen: 2.407 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.05 min

Lab File: VV013678.D

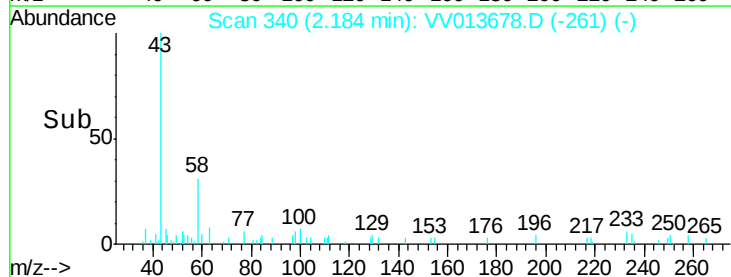
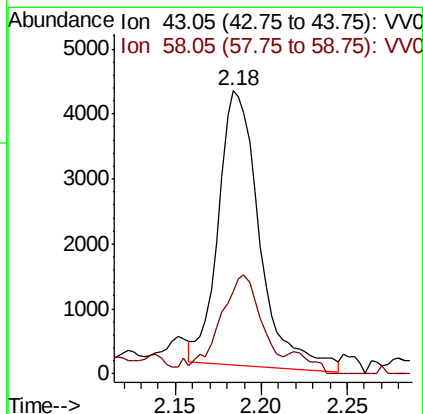
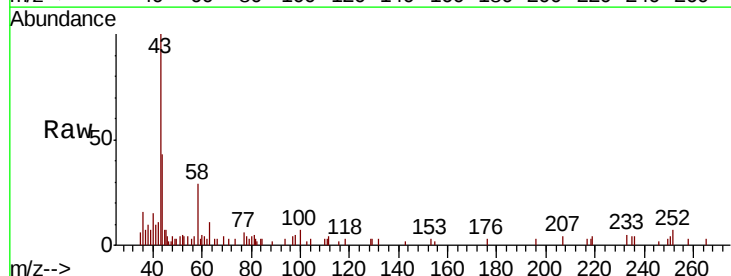
Acq: 19 Nov 2019 15:09

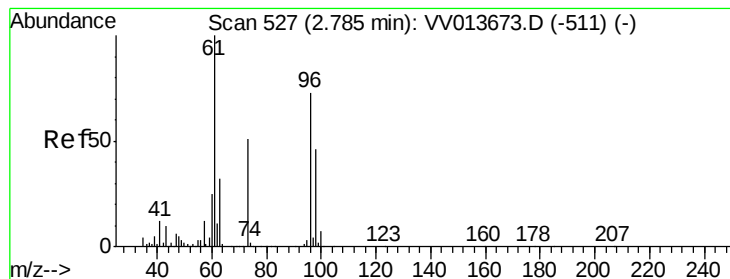
Tgt Ion: 43 Resp: 7059

Ion Ratio Lower Upper

43 100

58 37.6 0.0 17.0#





#18

trans-1,2-Dichloroethene

Concen: 0.112 ug/L

RT: 2.79 min Scan# 529

Delta R.T. 0.01 min

Lab File: VV013678.D

Acq: 19 Nov 2019 15:09

Instrument :

MSVOA_V

ClientSampleId :

GAQJ4

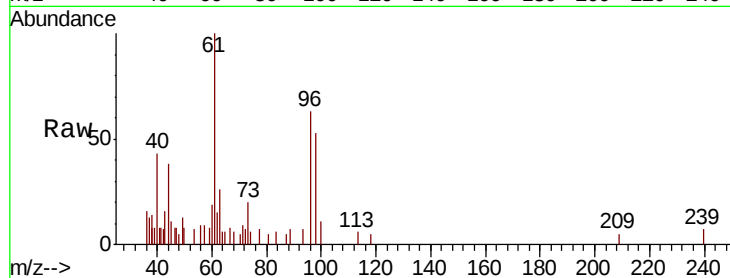
Tot Ion: 96 Resp: 2696

Ion Ratio Lower Upper

96 100

61 159.2 101.0 187.6

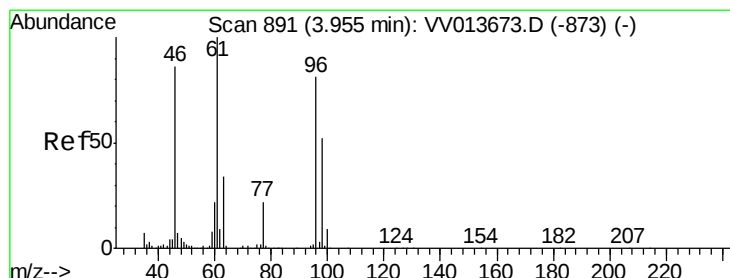
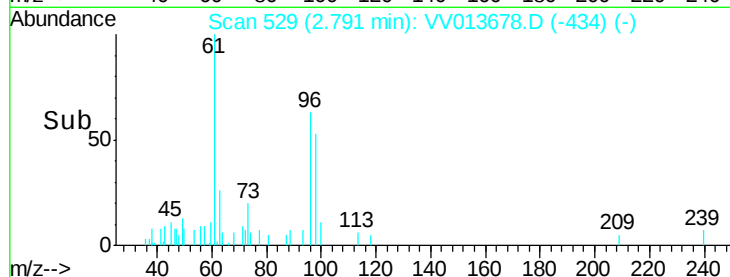
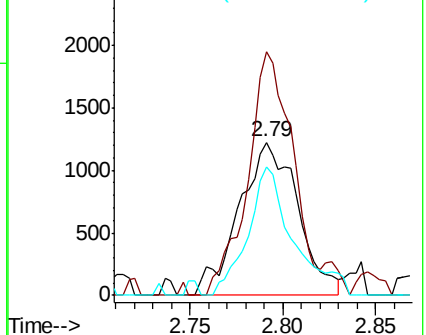
98 84.2 47.0 87.2



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



#22

cis-1,2-Dichloroethene

Concen: 3.849 ug/L

RT: 3.96 min Scan# 892

Delta R.T. 0.00 min

Lab File: VV013678.D

Acq: 19 Nov 2019 15:09

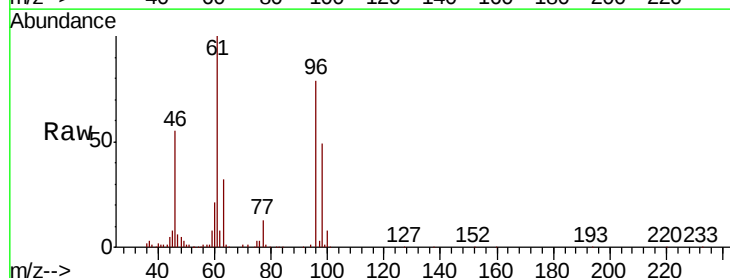
Tgt Ion: 96 Resp: 95772

Ion Ratio Lower Upper

96 100

61 126.5 87.7 162.9

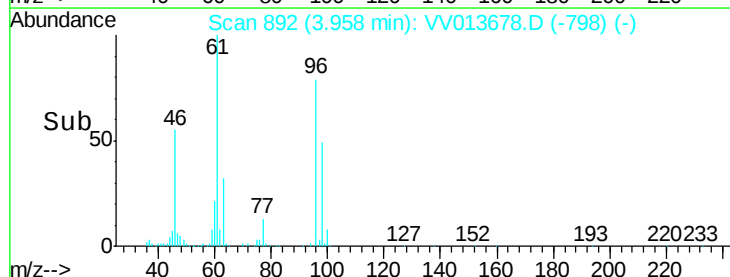
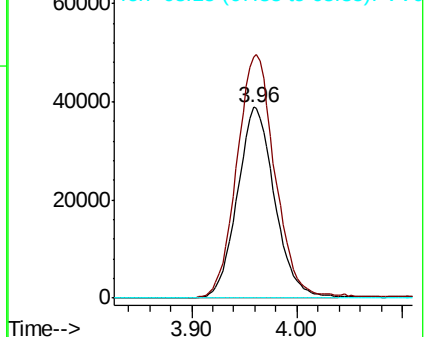
68 0.0 0.1 0.3#

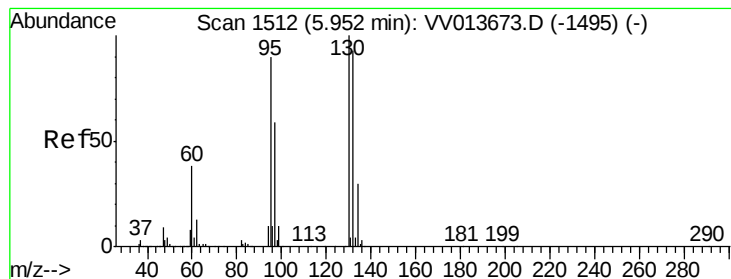


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0





#34

Trichloroethene

Concen: 6.638 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VV013678.D

Acq: 19 Nov 2019 15:09

Instrument :

MSVOA_V

ClientSampleId :

GAQJ4

Tot Ion: 95 Resp: 172227

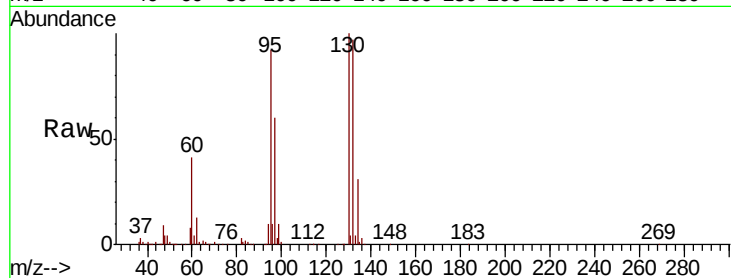
Ion Ratio Lower Upper

95 100

97 64.4 44.8 83.2

132 104.8 72.9 135.3

130 108.1 75.1 139.5



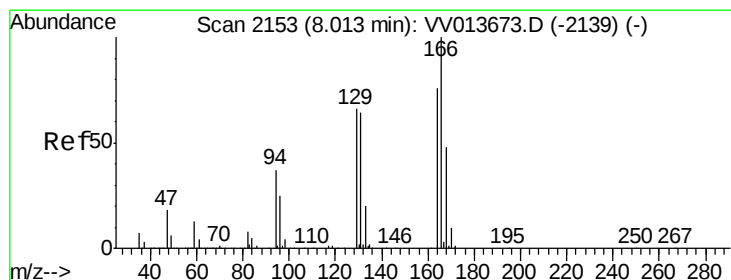
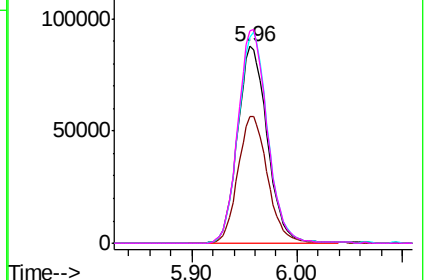
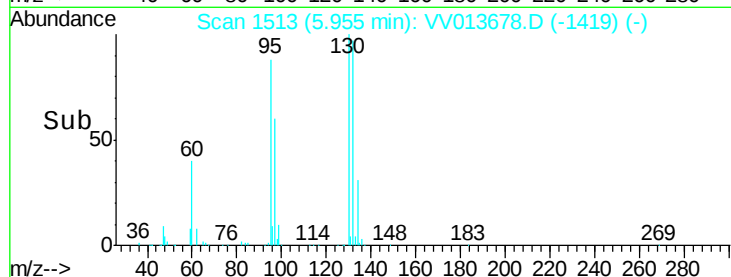
Abundance

Ion 95.00 (94.70 to 95.70): VV013678.D (-1495) (-)

Ion 96.95 (96.65 to 97.65): VV013678.D (-1495) (-)

Ion 131.95 (131.65 to 132.65): VV013678.D (-1495) (-)

Ion 129.95 (129.65 to 130.65): VV013678.D (-1495) (-)



#47

Tetrachloroethene

Concen: 0.353 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. 0.00 min

Lab File: VV013678.D

Acq: 19 Nov 2019 15:09

Tgt Ion: 164 Resp: 8482

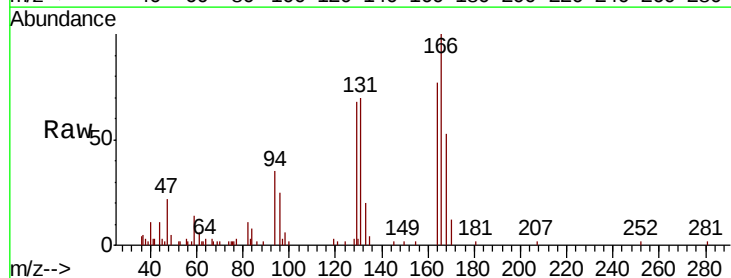
Ion Ratio Lower Upper

164 100

129 88.7 59.1 109.9

131 91.3 58.9 109.5

166 130.3 87.8 163.2



Abundance

Ion 163.90 (163.60 to 164.60): VV013678.D (-2060) (-)

Ion 128.95 (128.65 to 129.65): VV013678.D (-2060) (-)

Ion 130.95 (130.65 to 131.65): VV013678.D (-2060) (-)

Ion 165.90 (165.60 to 166.60): VV013678.D (-2060) (-)

