

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060620\
 Data File : VV016585.D
 Acq On : 06 Jun 2020 13:18
 Operator : SY/MD
 Sample : L2895-05
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW0H1

Quant Time: Jun 06 23:49:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 06 23:47:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	324706	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	298070	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	141823	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	99535	43.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.56%
7) Chloroethane-d5	1.56	69	76342	45.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.96%
11) 1,1-Dichloroethene-d2	2.12	63	142777	35.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.04%
21) 2-Butanone-d5	3.89	46	187270	127.35	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	127.35%
24) Chloroform-d	4.37	84	229251	53.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.24%
26) 1,2-Dichloroethane-d4	5.05	65	162336	56.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.34%
32) Benzene-d6	5.07	84	457204	57.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.52%
36) 1,2-Dichloropropane-d6	6.09	67	146276	58.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	117.60%
41) Toluene-d8	7.34	98	406614	56.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.14%
43) trans-1,3-Dichloropropene-	7.64	79	69074	56.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	113.94%
47) 2-Hexanone-d5	8.11	63	133497	125.29	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	125.29%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	193785	57.43	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	114.86%
64) 1,2-Dichlorobenzene-d4	11.65	152	168911	63.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	126.76%#

Target Compounds

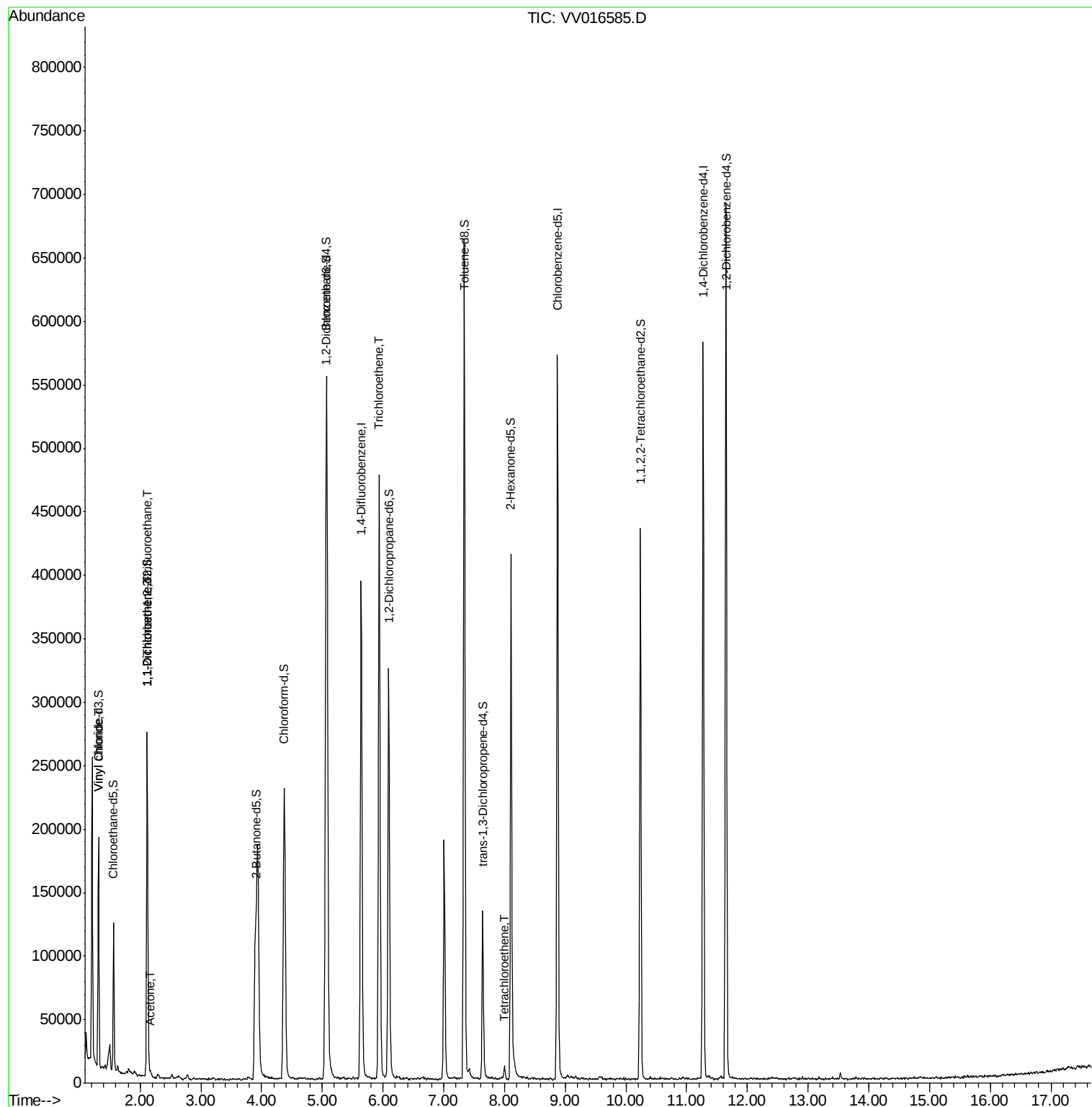
					Ovalue
5) Vinyl chloride	1.32	62	2499	1.002 ug/L #	15
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1301	0.694 ug/L #	20
12) 1,1-Dichloroethene	2.12	96	1673	0.928 ug/L #	1
13) Acetone	2.17	43	3174	2.309 ug/L	86
34) Trichloroethene	5.94	95	161228	70.093 ug/L	97
46) Tetrachloroethene	8.00	164	2095	1.181 ug/L	89

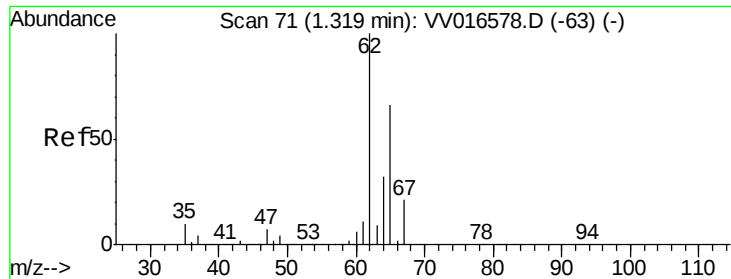
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jun 06 23:47:35 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.002 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

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Acq: 06 Jun 2020 13:18

Instrument :

MSVOA_V

ClientSampleId :

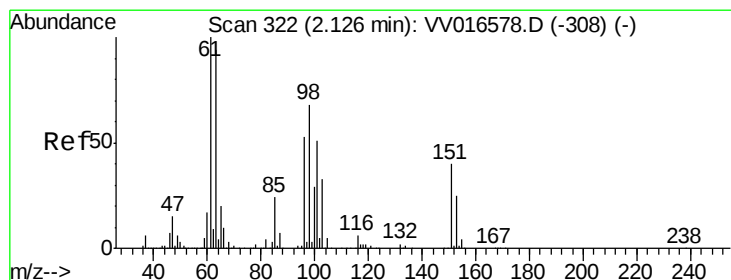
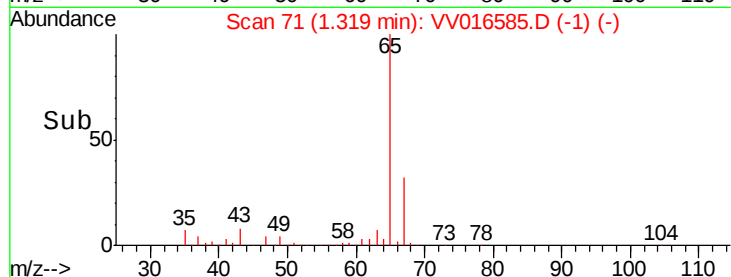
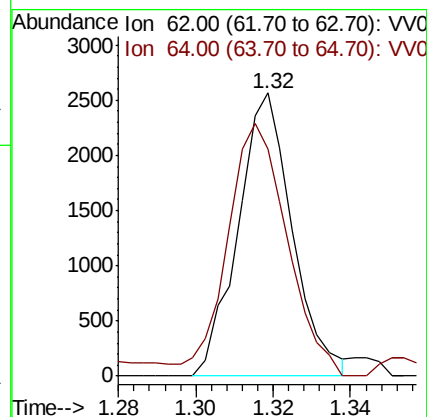
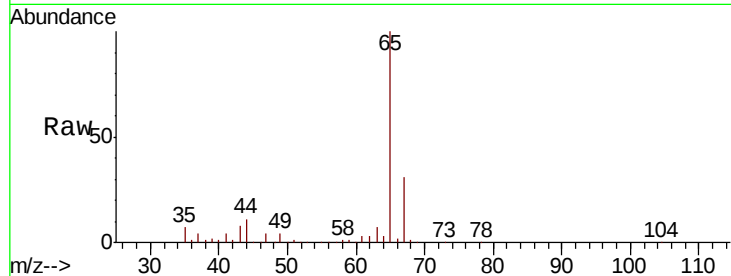
EW0H1

Tot Ion: 62 Resp: 2499

Ion Ratio Lower Upper

62 100

64 80.2 22.7 42.1#



#10

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

Concen: 0.694 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV016585.D

Acq: 06 Jun 2020 13:18

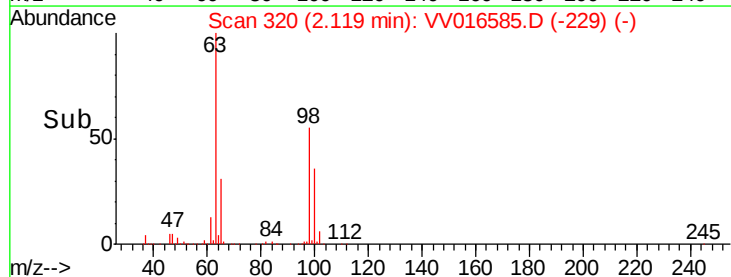
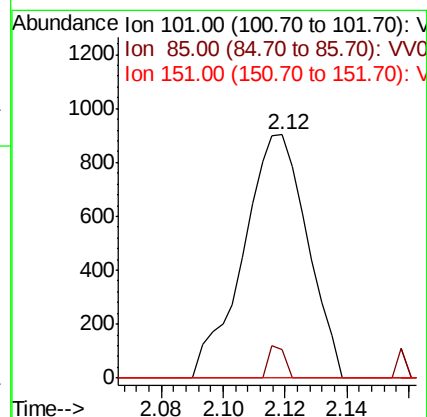
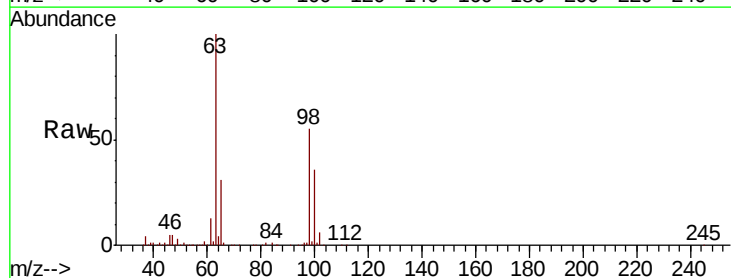
Tgt Ion: 101 Resp: 1301

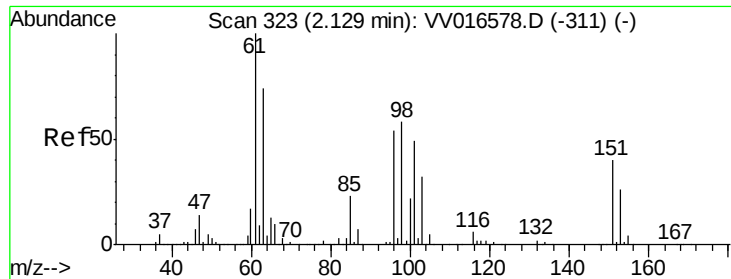
Ion Ratio Lower Upper

101 100

85 3.3 35.6 53.4#

151 0.0 61.8 92.8#





#12

1,1-Dichloroethene

Concen: 0.928 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV016585.D

Acq: 06 Jun 2020 13:18

Instrument :

MSVOA_V

ClientSampleId :

EW0H1

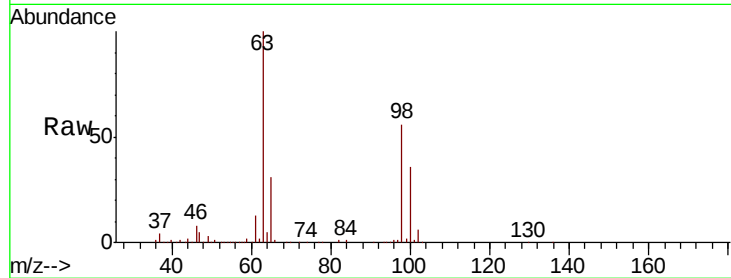
Tot Ion: 96 Resp: 1673

Ion Ratio Lower Upper

96 100

61 1120.0 125.5 233.1#

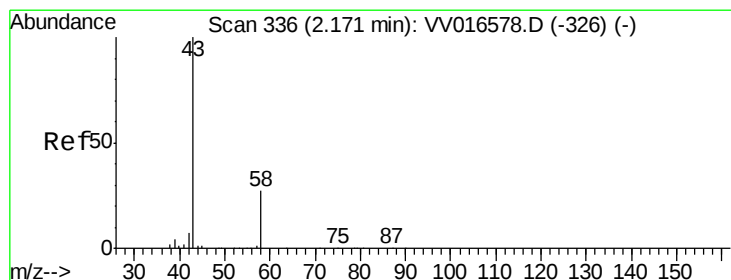
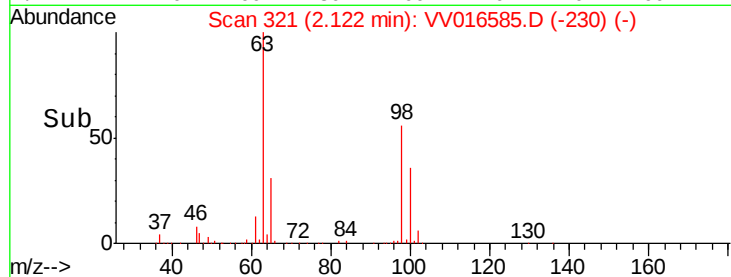
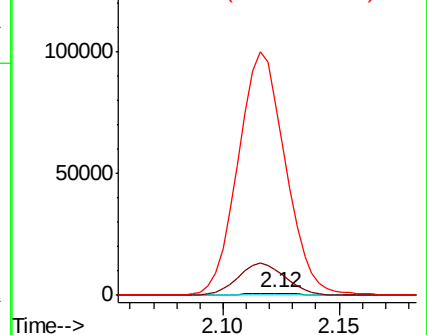
63 8467.4 104.0 193.1#



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



#13

Acetone

Concen: 2.309 ug/L

RT: 2.17 min Scan# 336

Delta R.T. -0.00 min

Lab File: VV016585.D

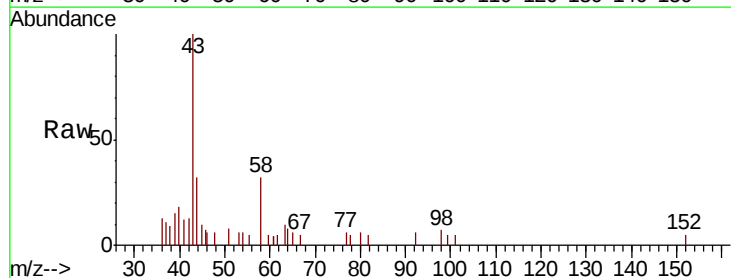
Acq: 06 Jun 2020 13:18

Tgt Ion: 43 Resp: 3174

Ion Ratio Lower Upper

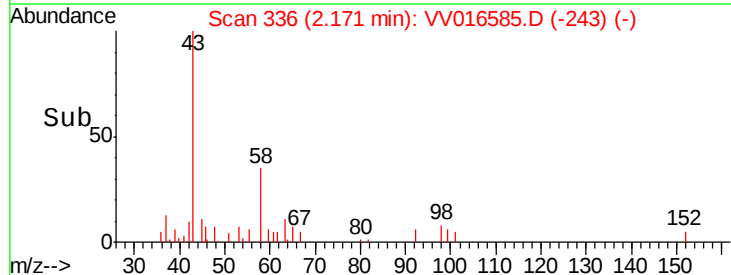
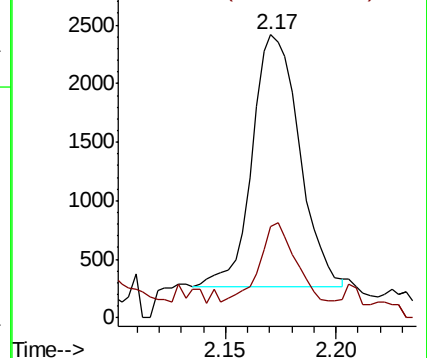
43 100

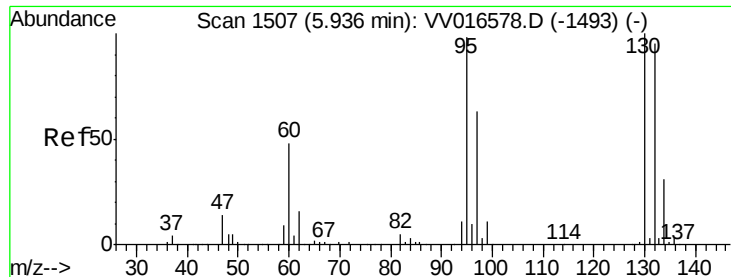
58 36.1 0.0 57.2



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

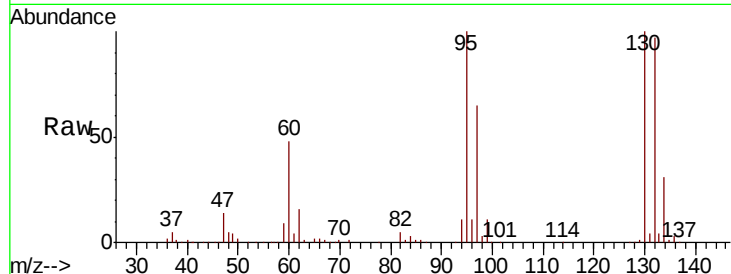




#34
 Trichloroethene
 Concen: 70.093 ug/L
 RT: 5.94 min Scan# 1507
 Delta R.T. -0.00 min
 Lab File: VV016585.D
 Acq: 06 Jun 2020 13:18

Instrument :
 MSVOA_V
 ClientSampleId :
 EW0H1

Tot Ion: 95 Resp: 161228
 Ion Ratio Lower Upper
 95 100
 97 65.2 42.8 79.6
 132 96.7 65.6 121.8
 130 99.9 69.0 128.1



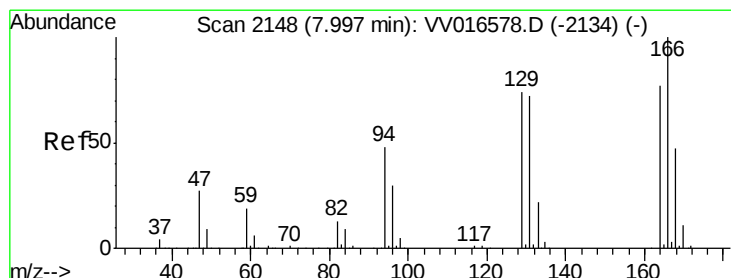
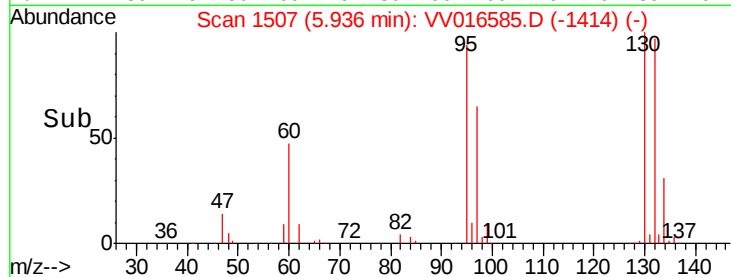
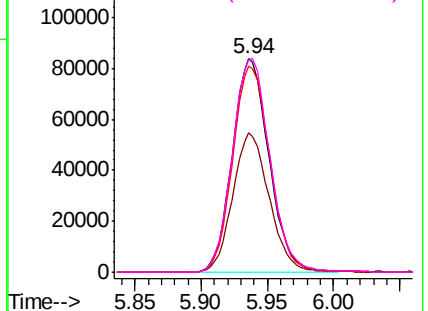
Abundance

Ion 95.00 (94.70 to 95.70): VV016585.D (-2055) (-)

Ion 97.00 (96.70 to 97.70): VV016585.D (-2055) (-)

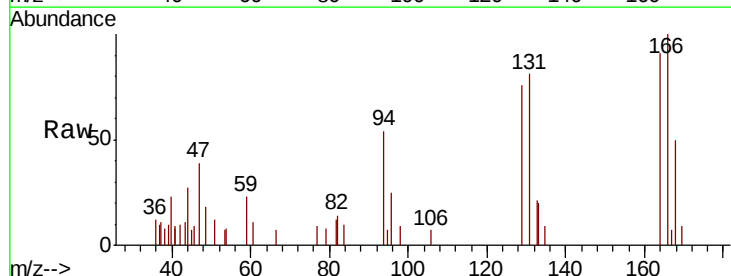
Ion 132.00 (131.70 to 132.70): VV016585.D (-2055) (-)

Ion 130.00 (129.70 to 130.70): VV016585.D (-2055) (-)



#46
 Tetrachloroethene
 Concen: 1.181 ug/L
 RT: 8.00 min Scan# 2149
 Delta R.T. 0.00 min
 Lab File: VV016585.D
 Acq: 06 Jun 2020 13:18

Tgt Ion: 164 Resp: 2095
 Ion Ratio Lower Upper
 164 100
 129 83.2 67.7 125.7
 131 88.7 63.8 118.6
 166 110.1 88.7 164.7



Abundance

Ion 164.00 (163.70 to 164.70): VV016585.D (-2055) (-)

Ion 129.00 (128.70 to 129.70): VV016585.D (-2055) (-)

Ion 131.00 (130.70 to 131.70): VV016585.D (-2055) (-)

Ion 166.00 (165.70 to 166.70): VV016585.D (-2055) (-)

