

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051420\
 Data File : VV016060.D
 Acq On : 14 May 2020 11:05
 Operator : SY/MD
 Sample : L2598-10
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4234

Quant Time: May 15 07:04:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 15 06:27:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	167661	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	163670	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	75728	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	42771	4.70	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.00%
7) Chloroethane-d5	1.58	69	42072	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.60%
11) 1,1-Dichloroethene-d2	2.12	63	78442	4.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.20%
20) 2-Butanone-d5	3.95	46	119968	46.24	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.48%
24) Chloroform-d	4.37	84	84503	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.00%
26) 1,2-Dichloroethane-d4	5.06	65	49645	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
32) Benzene-d6	5.07	84	173469	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
36) 1,2-Dichloropropane-d6	6.09	67	55698	4.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.80%
41) Toluene-d8	7.33	98	152543	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.80%
45) trans-1,3-Dichloropropene-	7.64	79	18584	3.98	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.60%
48) 2-Hexanone-d5	8.11	63	91727	44.75	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.50%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	38611	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	55044	4.48	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.60%

Target Compounds

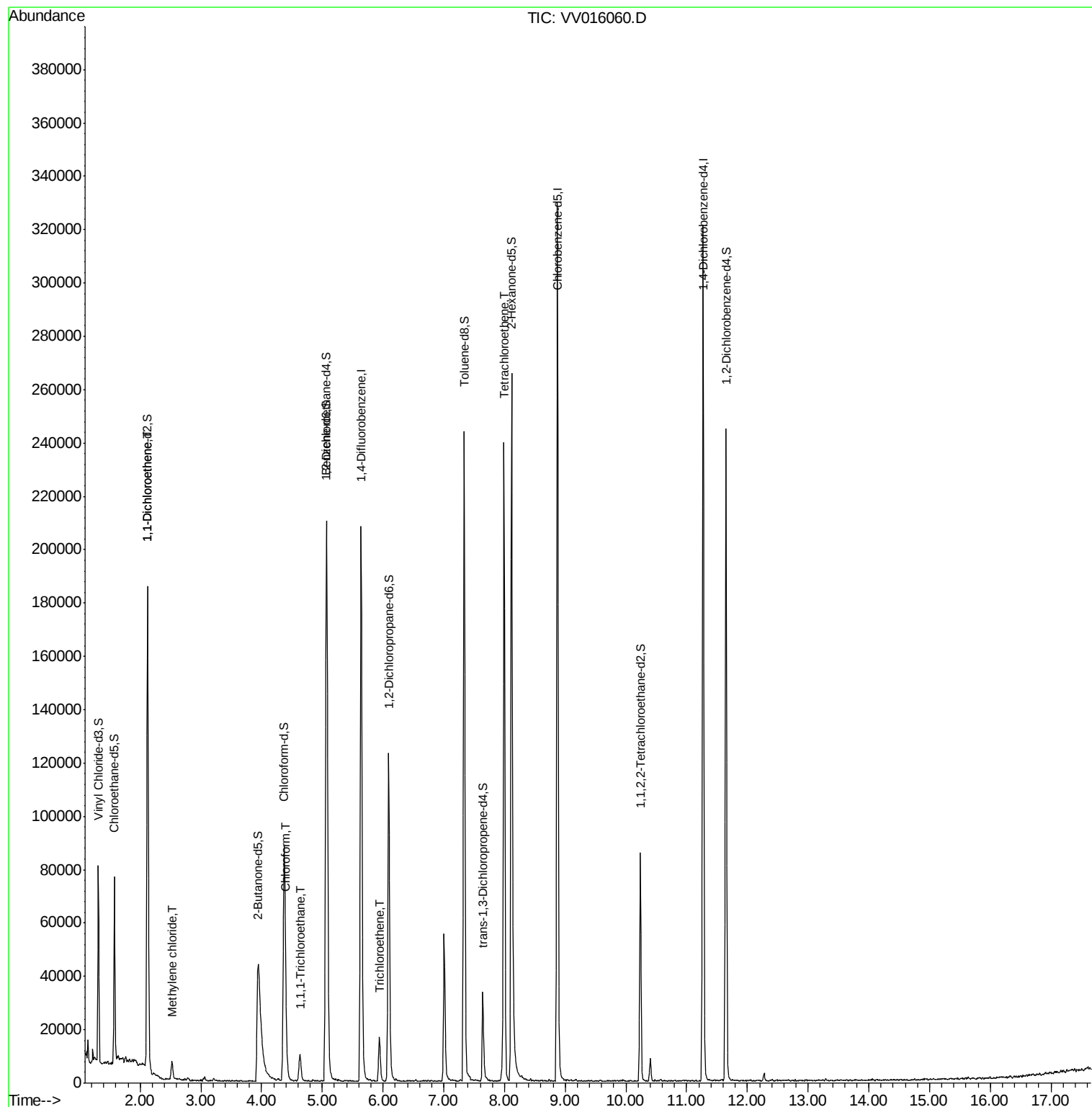
					Ovalue
12) 1,1-Dichloroethene	2.13	96	24247	2.628 ug/L	84
16) Methylene chloride	2.52	84	2717	0.246 ug/L	97
25) Chloroform	4.40	83	12480	0.577 ug/L	93
29) 1,1,1-Trichloroethane	4.63	97	7757	0.430 ug/L	96
34) Trichloroethene	5.94	95	5827	0.496 ug/L	96
49) Tetrachloroethene	7.99	164	48754	5.945 ug/L	99

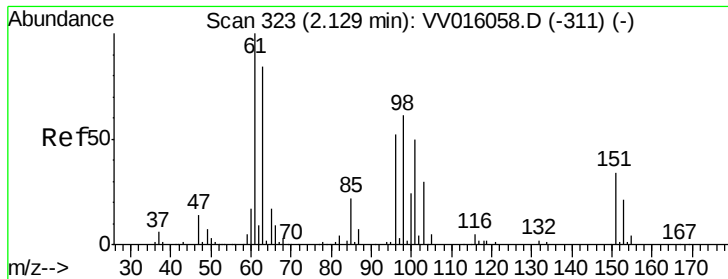
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 2.628 ug/L

RT: 2.13 min Scan# 323

Delta R.T. 0.00 min

Lab File: VV016060.D

Acq: 14 May 2020 11:05

Instrument :

MSVOA_V

ClientSampleId :

H4234

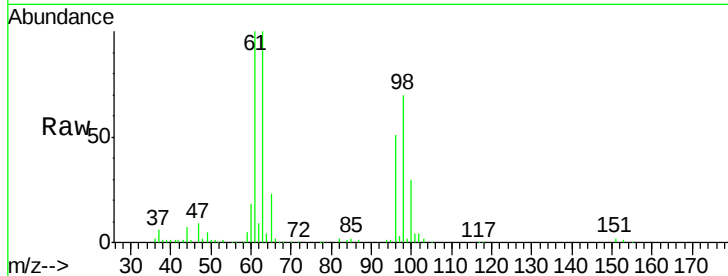
Tot Ion: 96 Resp: 24247

Ion Ratio Lower Upper

96 100

61 197.1 139.9 259.7

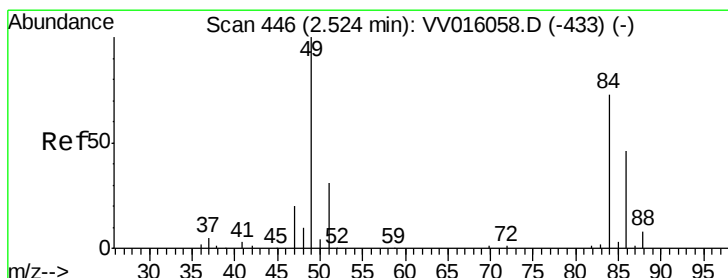
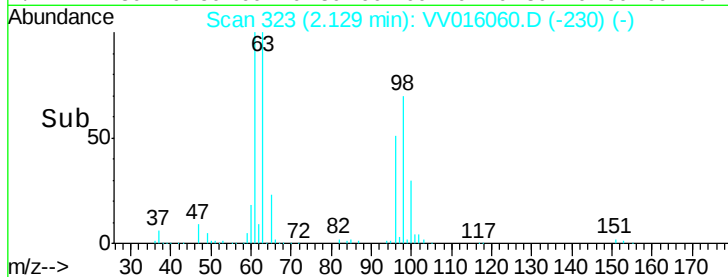
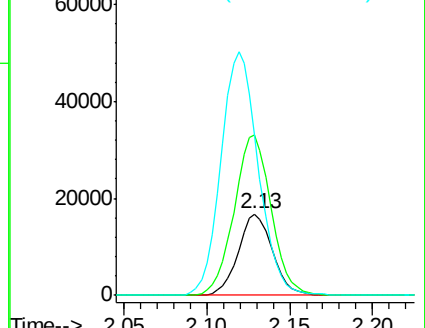
63 197.0 106.4 197.6



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



#16

Methylene chloride

Concen: 0.246 ug/L

RT: 2.52 min Scan# 446

Delta R.T. 0.00 min

Lab File: VV016060.D

Acq: 14 May 2020 11:05

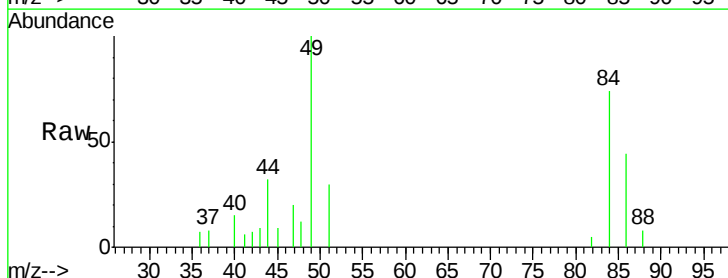
Tgt Ion: 84 Resp: 2717

Ion Ratio Lower Upper

84 100

86 60.1 45.6 84.8

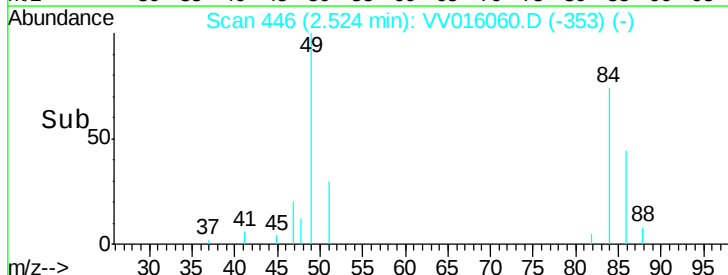
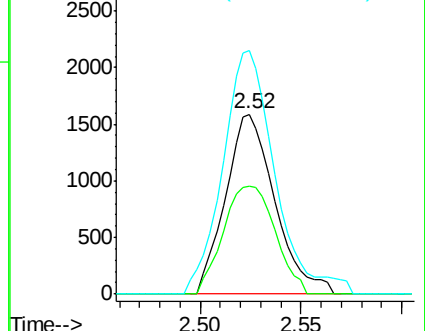
49 135.1 93.6 173.8

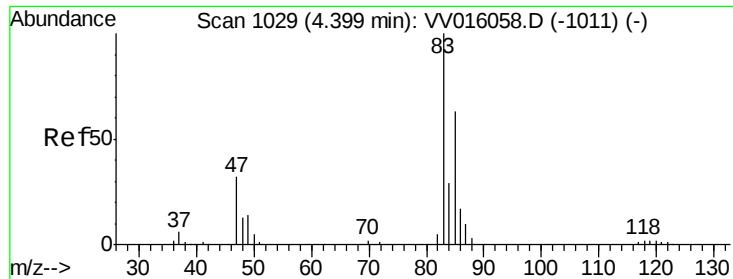


Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0

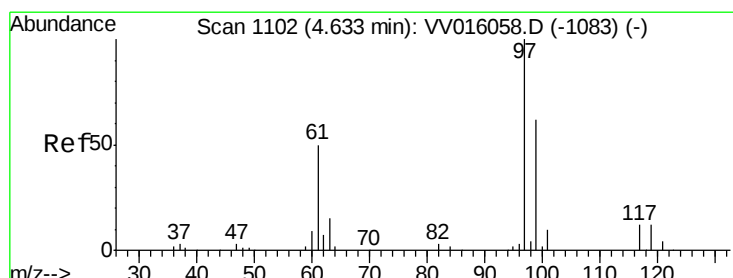
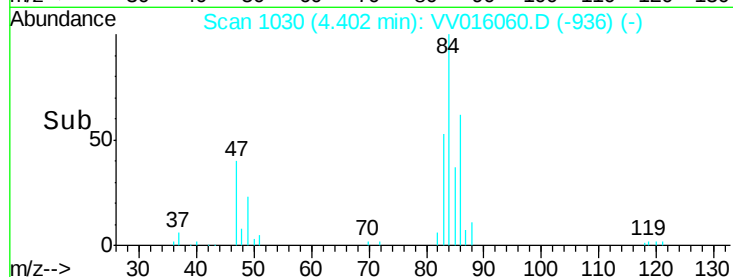
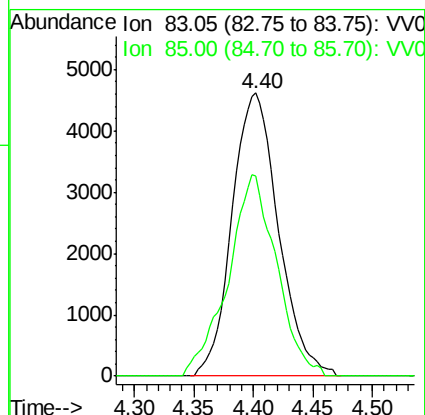
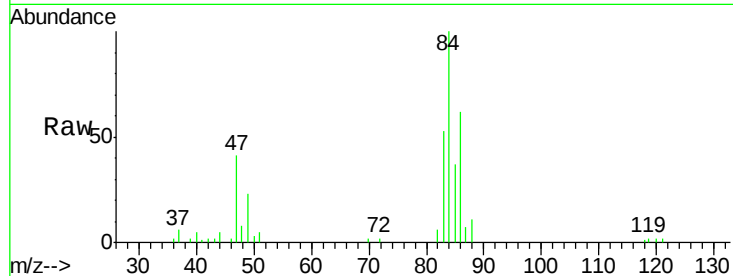




#25
Chloroform
Concen: 0.577 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VV016060.D
Acq: 14 May 2020 11:05

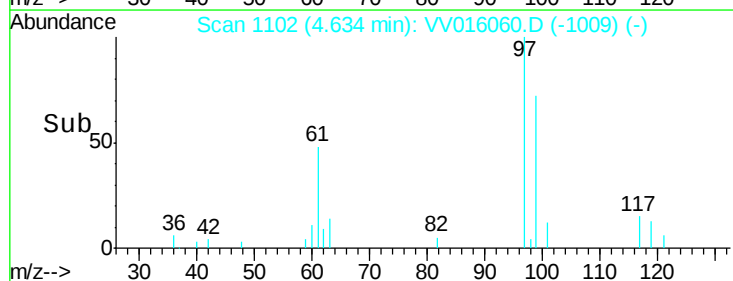
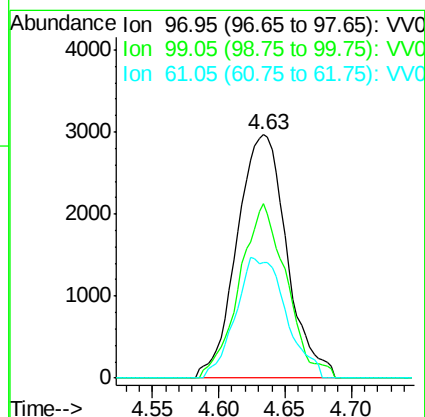
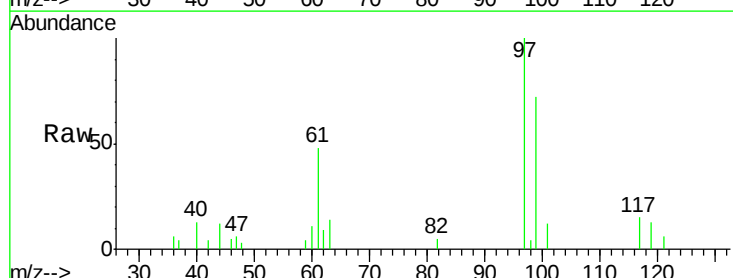
Instrument :
MSVOA_V
ClientSampled :
H4234

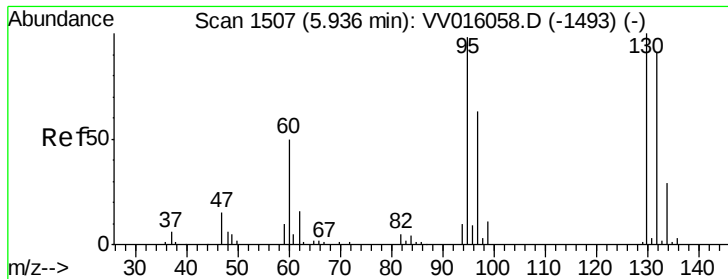
Tot Ion: 83 Resp: 12480
Ion Ratio Lower Upper
83 100
85 70.7 45.7 84.9



#29
1,1,1-Trichloroethane
Concen: 0.430 ug/L
RT: 4.63 min Scan# 1102
Delta R.T. 0.00 min
Lab File: VV016060.D
Acq: 14 May 2020 11:05

Tgt Ion: 97 Resp: 7757
Ion Ratio Lower Upper
97 100
99 67.9 50.7 76.1
61 49.9 38.8 58.2





#34

Trichloroethene

Concen: 0.496 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV016060.D

Acq: 14 May 2020 11:05

Instrument :

MSVOA_V

ClientSampleId :

H4234

Tot Ion: 95 Resp: 5827

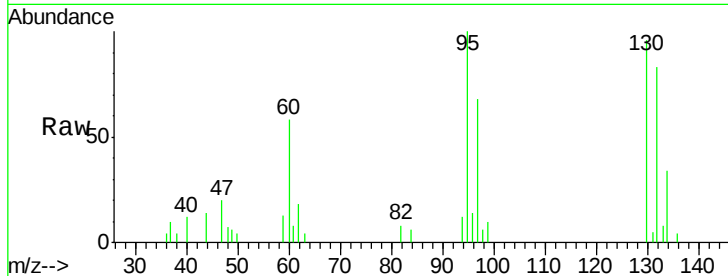
Ion Ratio Lower Upper

95 100

97 68.0 43.3 80.5

132 83.1 60.3 112.1

130 96.5 66.0 122.6

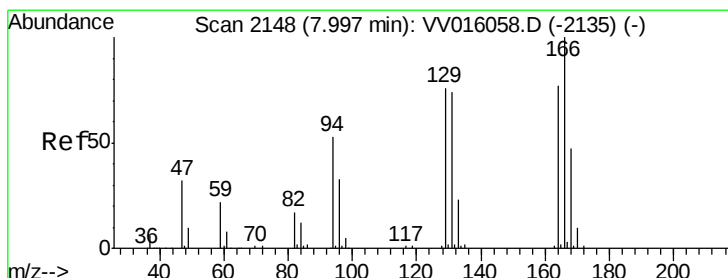
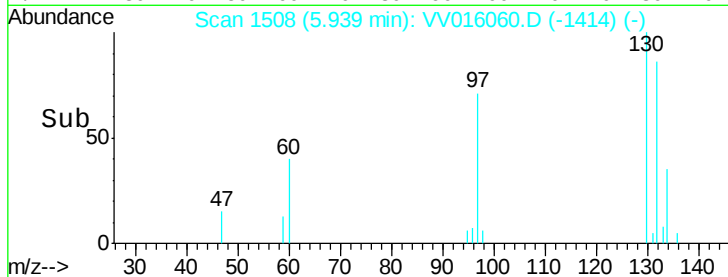
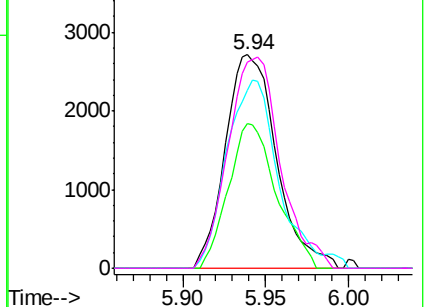


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#49

Tetrachloroethene

Concen: 5.945 ug/L

RT: 7.99 min Scan# 2147

Delta R.T. -0.00 min

Lab File: VV016060.D

Acq: 14 May 2020 11:05

Tgt Ion: 164 Resp: 48754

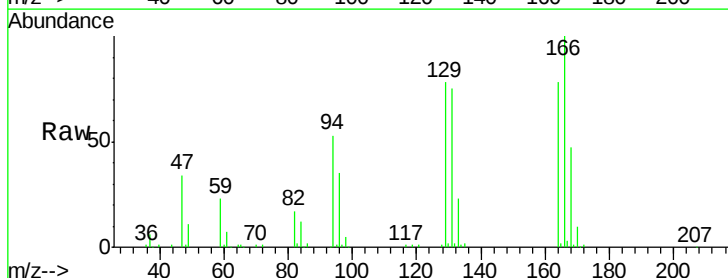
Ion Ratio Lower Upper

164 100

129 99.9 69.7 129.4

131 96.4 66.8 124.2

166 128.7 89.1 165.5



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

