

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV010821\
 Data File : VV019954.D
 Acq On : 08 Jan 2021 17:58
 Operator : SY/MD
 Sample : M1064-02DL 500X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4X3DL

Quant Time: Jan 08 22:53:13 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 08 22:51:06 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	438686	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	424052	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.26	152	191683	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	93391	27.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	55.02%#
7) Chloroethane-d5	1.57	69	99939	37.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.08%
11) 1,1-Dichloroethene-d2	2.11	63	163096	25.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	50.84%#
21) 2-Butanone-d5	3.89	46	280789	111.59	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.59%
24) Chloroform-d	4.35	84	264443	41.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.46%
26) 1,2-Dichloroethane-d4	5.04	65	188797	45.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.06%
32) Benzene-d6	5.05	84	456941	37.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	74.84%
36) 1,2-Dichloropropane-d6	6.07	67	166184	41.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.78%
41) Toluene-d8	7.32	98	376281	34.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	69.24%#
43) trans-1,3-Dichloropropene-	7.63	79	65490	32.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.62%
47) 2-Hexanone-d5	8.09	63	150884	90.92	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.92%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	239676	45.90	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.80%
64) 1,2-Dichlorobenzene-d4	11.63	152	165659	45.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.36%

Target Compounds

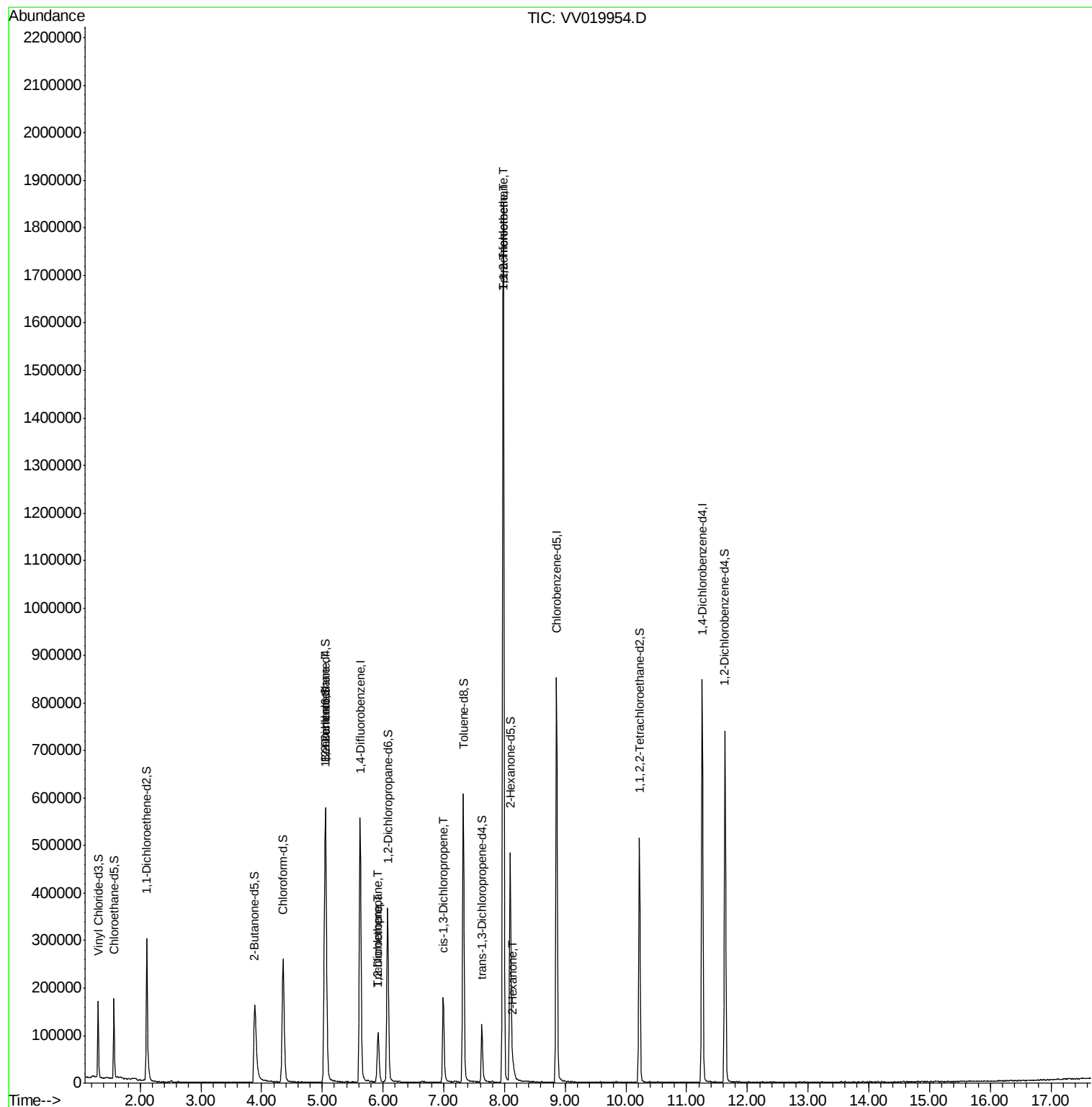
					Ovalue
27) 1,2-Dichloroethane	5.06	62	3408	0.665 ug/L	99
34) Trichloroethene	5.92	95	29214	8.256 ug/L	95
37) 1,2-Dichloropropane	5.91	63	2362	0.659 ug/L	99
39) cis-1,3-Dichloropropene	6.99	75	4694	0.851 ug/L #	67
45) 1,1,2-Trichloroethane	7.98	97	3816	1.161 ug/L #	1
46) Tetrachloroethene	7.98	164	360460	152.544 ug/L	99
48) 2-Hexanone	8.15	43	11565	2.789 ug/L #	95

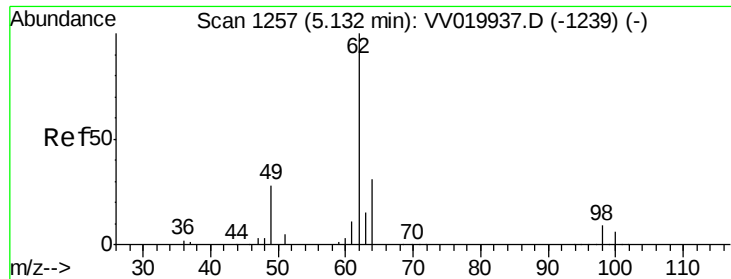
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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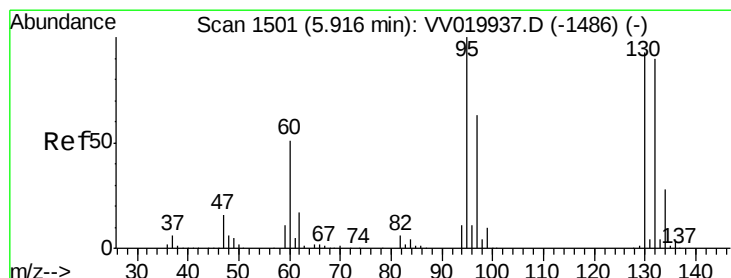
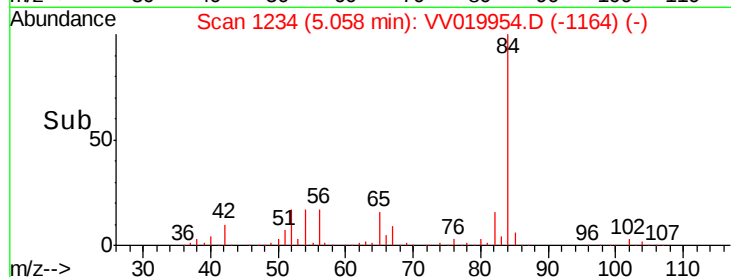
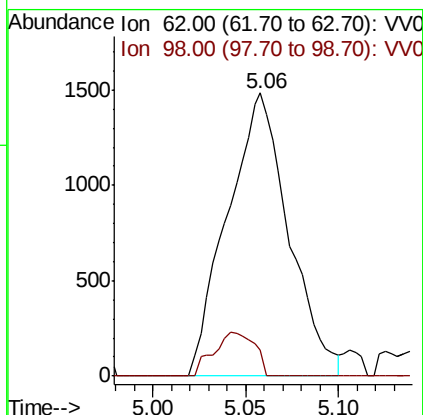
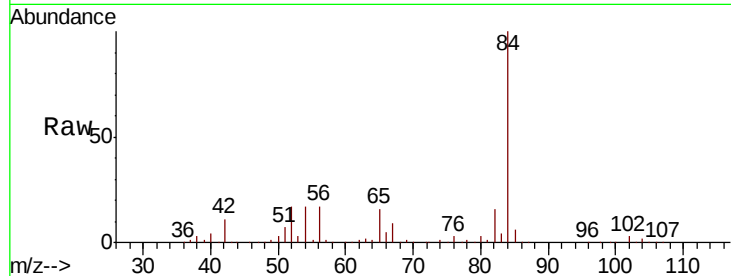




#27
 1,2-Dichloroethane
 Concen: 0.665 ug/L
 RT: 5.06 min Scan# 1234
 Delta R.T. -0.07 min
 Lab File: VV019954.D
 Acq: 08 Jan 2021 17:58

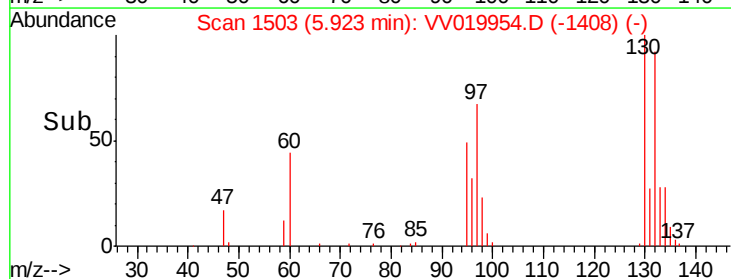
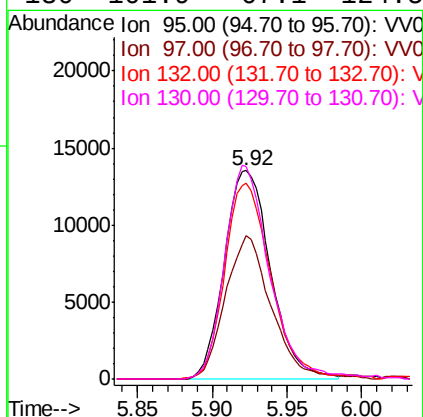
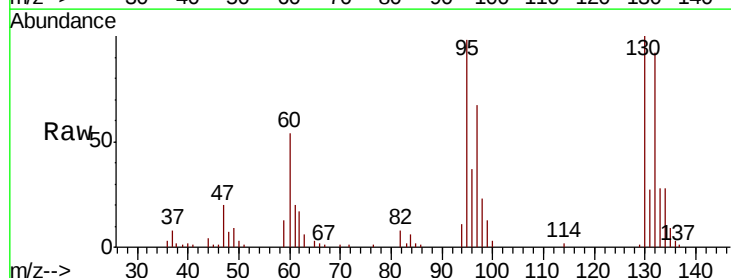
Instrument :
 MSVOA_V
 ClientSampleId :
 BG4X3DL

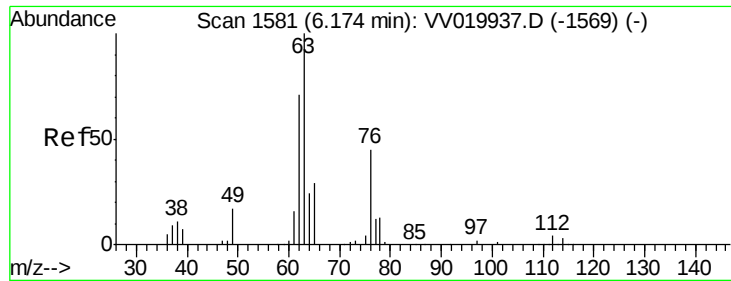
Tot Ion: 62 Resp: 3408
 Ion Ratio Lower Upper
 62 100
 98 9.1 6.9 10.3



#34
 Trichloroethene
 Concen: 8.256 ug/L
 RT: 5.92 min Scan# 1503
 Delta R.T. 0.01 min
 Lab File: VV019954.D
 Acq: 08 Jan 2021 17:58

Tgt Ion: 95 Resp: 29214
 Ion Ratio Lower Upper
 95 100
 97 68.5 44.5 82.7
 132 93.7 63.4 117.8
 130 101.9 67.1 124.5

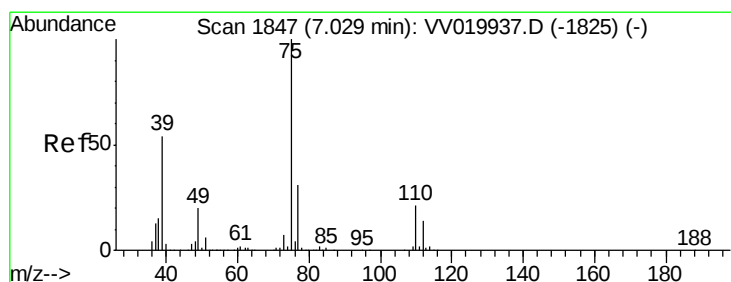
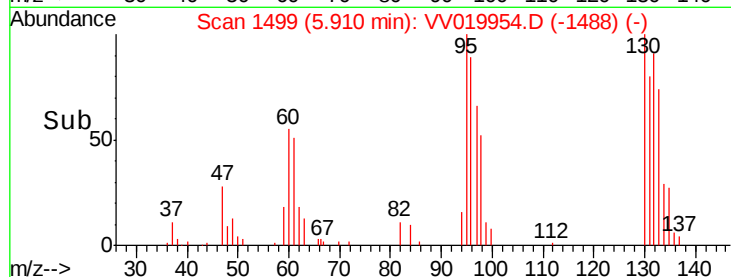
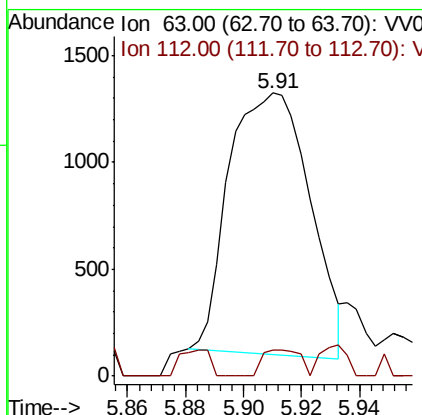
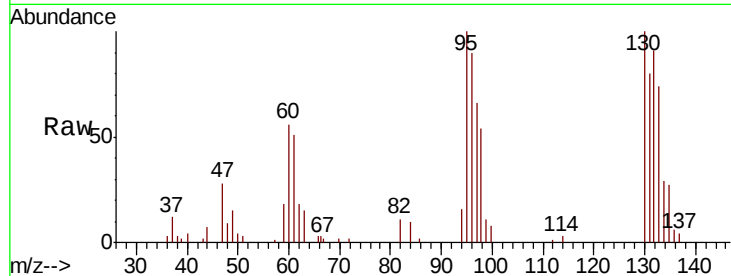




#37
 1,2-Dichloropropane
 Concen: 0.659 ug/L
 RT: 5.91 min Scan# 1499
 Delta R.T. -0.26 min
 Lab File: VV019954.D
 Acq: 08 Jan 2021 17:58

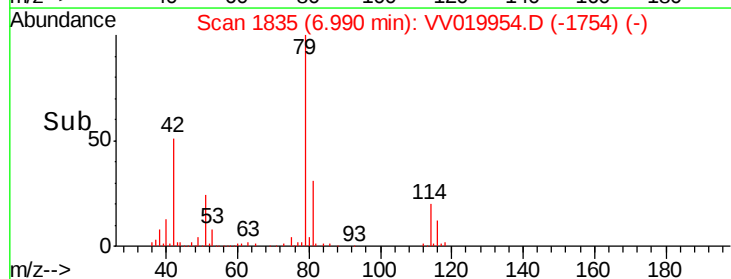
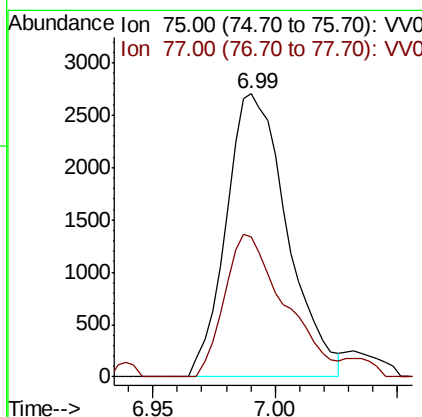
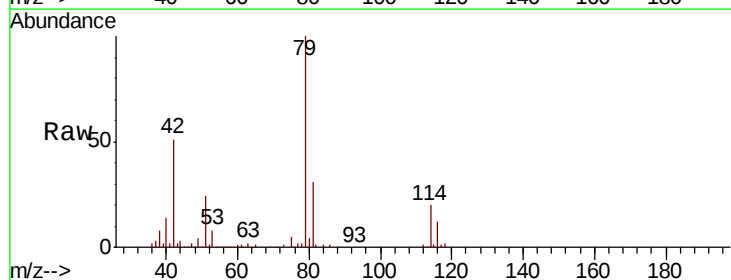
Instrument :
 MSVOA_V
 ClientSampled :
 BG4X3DL

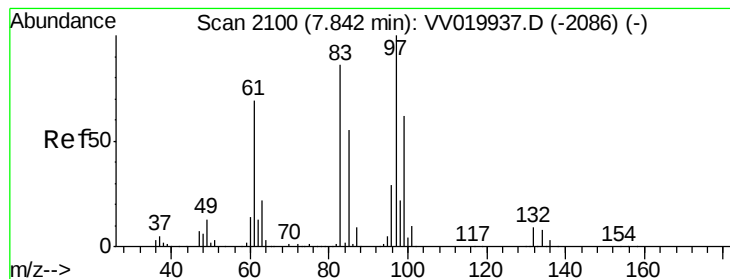
Tot Ion: 63 Resp: 2362
 Ion Ratio Lower Upper
 63 100
 112 3.9 3.3 4.9



#39
 cis-1,3-Dichloropropene
 Concen: 0.851 ug/L
 RT: 6.99 min Scan# 1835
 Delta R.T. -0.04 min
 Lab File: VV019954.D
 Acq: 08 Jan 2021 17:58

Tgt Ion: 75 Resp: 4694
 Ion Ratio Lower Upper
 75 100
 77 49.5 21.8 40.6#





#45

1,1,2-Trichloroethane

Concen: 1.161 ug/L

RT: 7.98 min Scan# 2142

Delta R.T. 0.14 min

Lab File: VV019954.D

Acq: 08 Jan 2021 17:58

Instrument :

MSVOA_V

ClientSampleId :

BG4X3DL

Tot Ion: 97 Resp: 3816

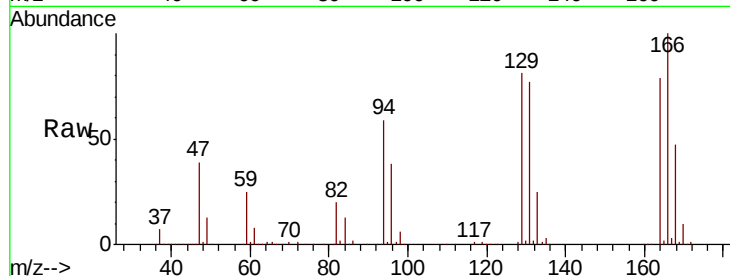
Ion Ratio Lower Upper

97 100

99 23.6 43.8 81.3#

83 269.8 62.2 115.4#

85 42.0 39.0 72.4



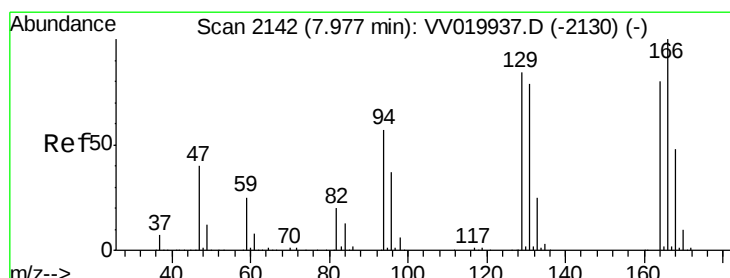
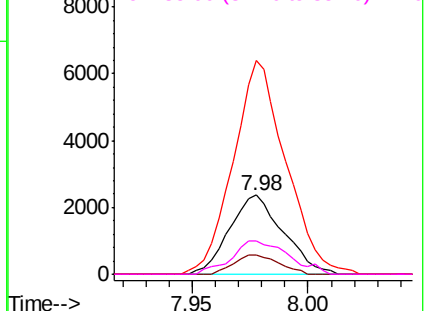
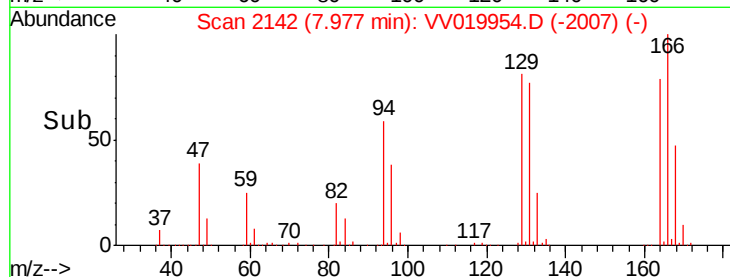
Abundance

Ion 97.00 (96.70 to 97.70): VV0

Ion 99.00 (98.70 to 99.70): VV0

Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0



#46

Tetrachloroethene

Concen: 152.544 ug/L

RT: 7.98 min Scan# 2143

Delta R.T. 0.00 min

Lab File: VV019954.D

Acq: 08 Jan 2021 17:58

Tgt Ion:164 Resp: 360460

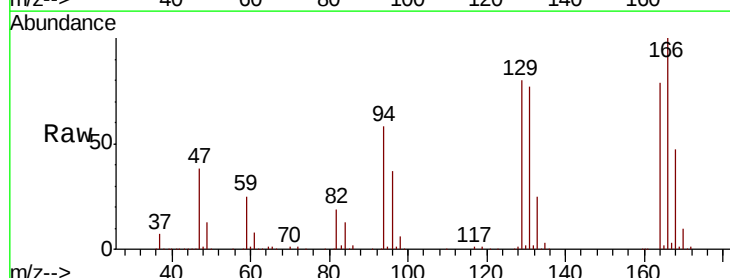
Ion Ratio Lower Upper

164 100

129 101.9 70.6 131.0

131 97.8 66.8 124.0

166 126.8 88.2 163.8



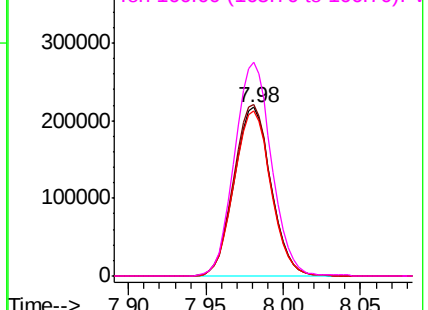
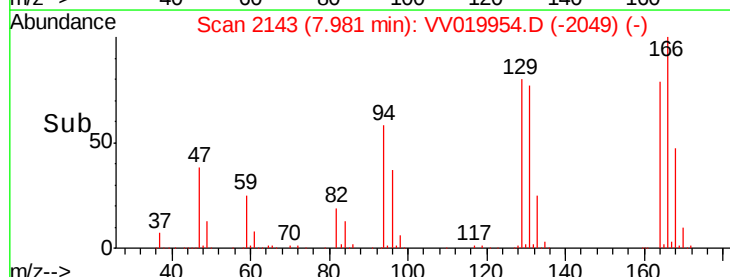
Abundance

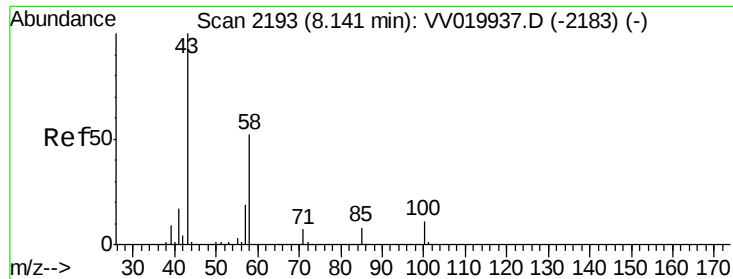
Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V





#48

2-Hexanone

Concen: 2.789 ug/L

RT: 8.15 min Scan# 2195

Delta R.T. 0.01 min

Lab File: VV019954.D

Acq: 08 Jan 2021 17:58

Instrument :

MSVOA_V

ClientSampleId :

BG4X3DL

Tot Ion: 43 Resp: 11565

Ion Ratio Lower Upper

43 100

58 49.8 41.8 62.6

57 20.7 15.0 22.4

100 6.3 8.9 13.3#

