

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081220\
 Data File : VV017931.D
 Acq On : 12 Aug 2020 16:47
 Operator : SY/MD
 Sample : VIBLK51
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK51

Quant Time: Aug 13 04:38:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 13 04:34:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	265994	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	254438	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	111004	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	92526	45.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.18%
7) Chloroethane-d5	1.58	69	79033	47.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.20%
11) 1,1-Dichloroethene-d2	2.12	63	137945	35.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.06%
21) 2-Butanone-d5	3.91	46	135664	102.06	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.06%
24) Chloroform-d	4.38	84	178249	48.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.50%
26) 1,2-Dichloroethane-d4	5.06	65	123354	51.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.82%
32) Benzene-d6	5.07	84	358163	51.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.16%
36) 1,2-Dichloropropane-d6	6.09	67	115933	50.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.14%
41) Toluene-d8	7.34	98	309603	49.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.20%
43) trans-1,3-Dichloropropene-	7.64	79	51527	49.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.12%
47) 2-Hexanone-d5	8.11	63	67536	91.80	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.80%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	138259	46.31	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.62%
64) 1,2-Dichlorobenzene-d4	11.65	152	119555	54.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.44%

Target Compounds

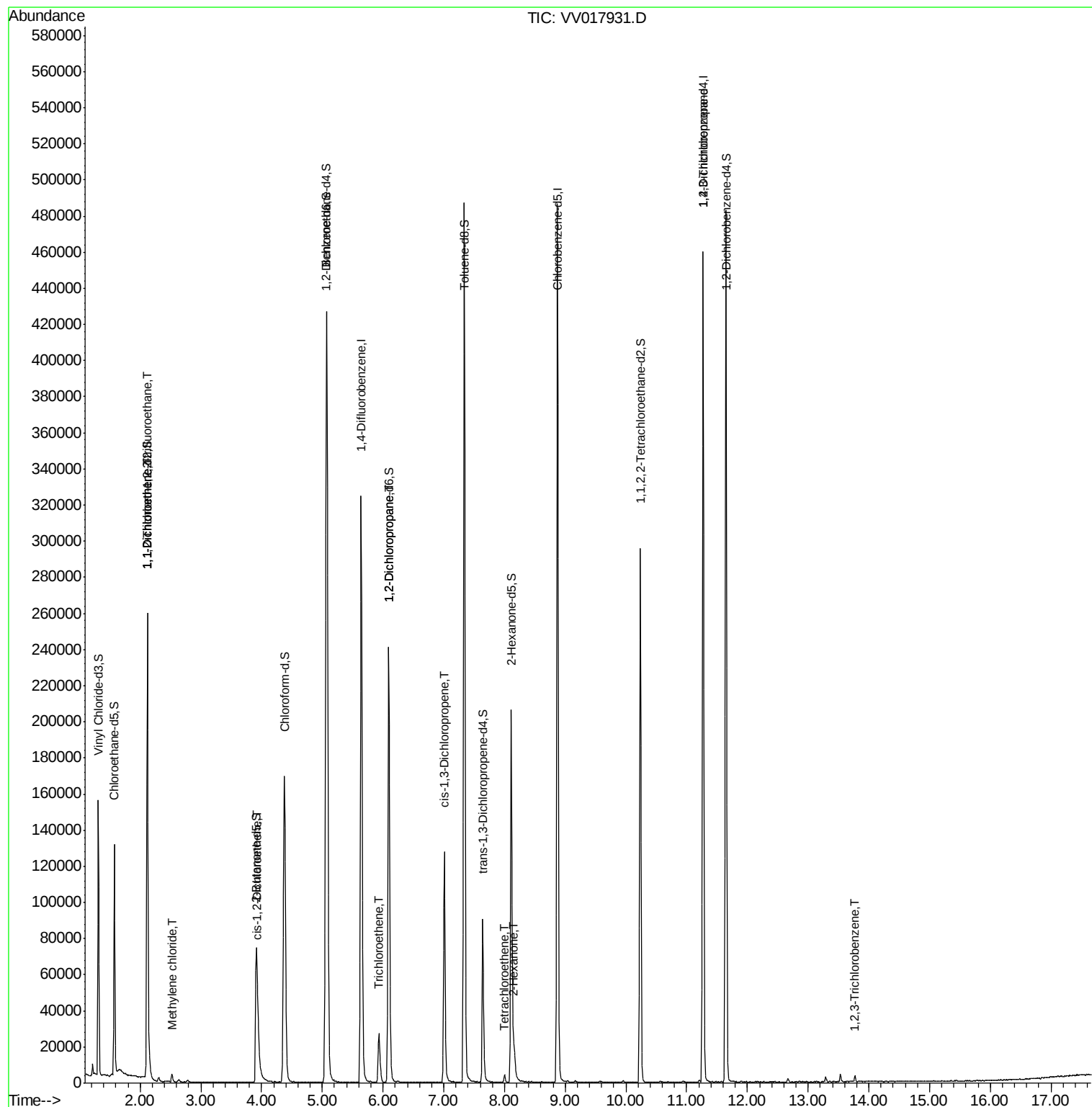
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1459	0.774 ug/L #	22
12) 1,1-Dichloroethene	2.12	96	1281	0.718 ug/L #	1
16) Methylene chloride	2.52	84	1776	0.781 ug/L	92
20) cis-1,2-Dichloroethene	3.94	96	1283	0.637 ug/L	87
34) Trichloroethene	5.94	95	4282	2.058 ug/L	93
37) 1,2-Dichloropropane	6.09	63	12906	6.012 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	3012	0.990 ug/L #	67
46) Tetrachloroethene	8.00	164	1036	0.679 ug/L	92
48) 2-Hexanone	8.16	43	8849	3.910 ug/L #	87
59) 1,2,3-Trichloropropane	11.27	75	14070	5.307 ug/L	91
70) 1,2,3-Trichlorobenzene	13.77	180	1157	0.483 ug/L #	80

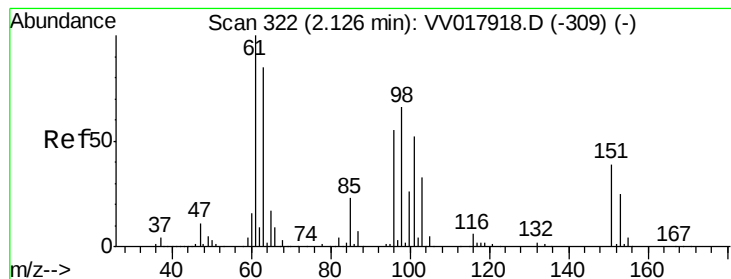
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV081220\
Data File : VV017931.D
Acq On : 12 Aug 2020 16:47
Operator : SY/MD
Sample : VIBLK51
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK51

Quant Time: Aug 13 04:38:38 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 13 04:34:59 2020
Response via : Initial Calibration





#10

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

Concen: 0.774 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV017931.D

Acq: 12 Aug 2020 16:47

Instrument :

MSVOA_V

ClientSampleId :

VIBLK51

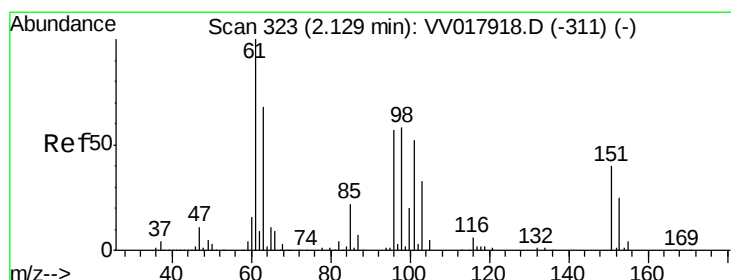
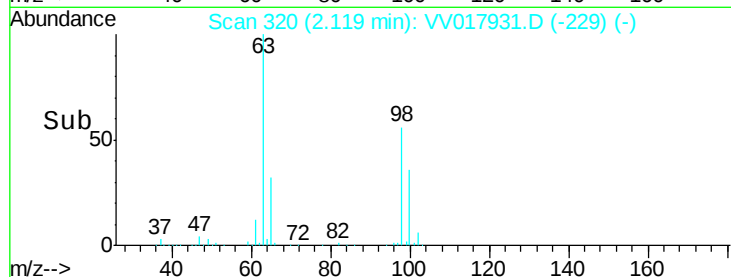
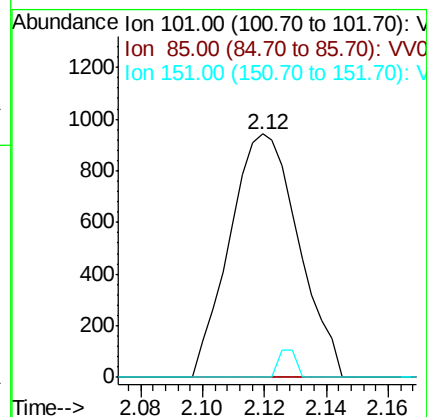
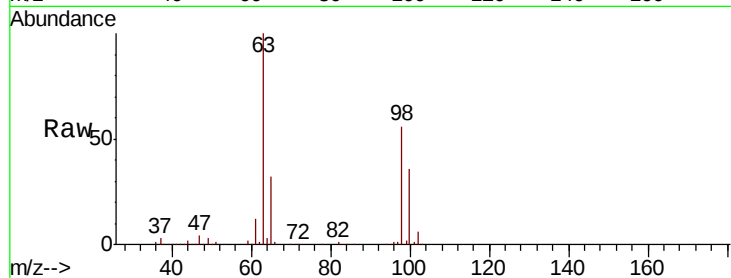
Tot Ion:101 Resp: 1459

Ion Ratio Lower Upper

101 100

85 0.0 34.9 52.3#

151 2.7 59.1 88.7#



#12

1,1-Dichloroethene

Concen: 0.718 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV017931.D

Acq: 12 Aug 2020 16:47

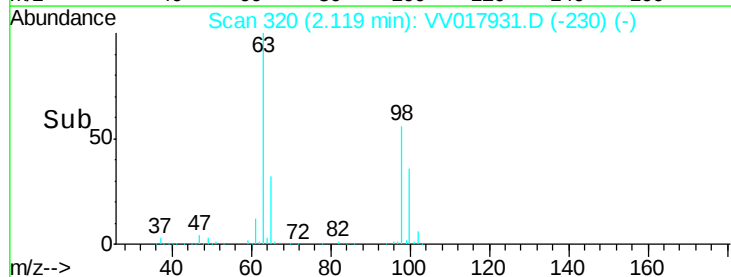
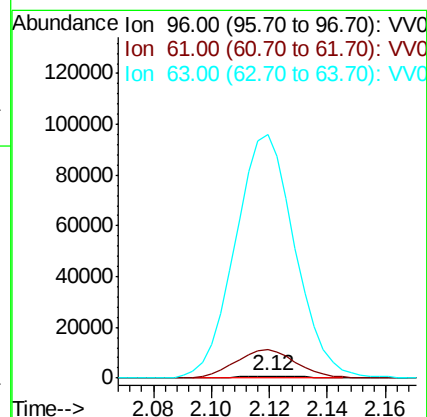
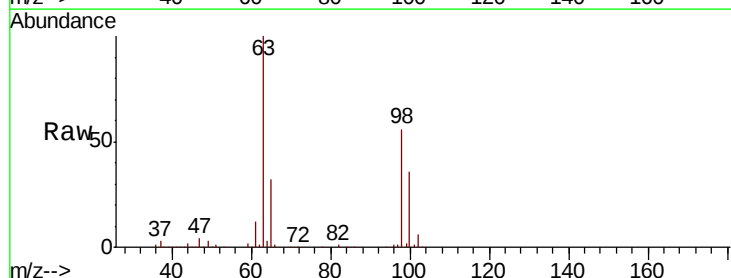
Tgt Ion: 96 Resp: 1281

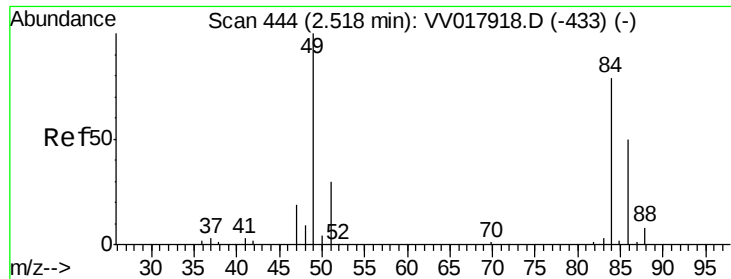
Ion Ratio Lower Upper

96 100

61 1327.7 127.1 236.0#

63 11341.8 95.2 176.8#

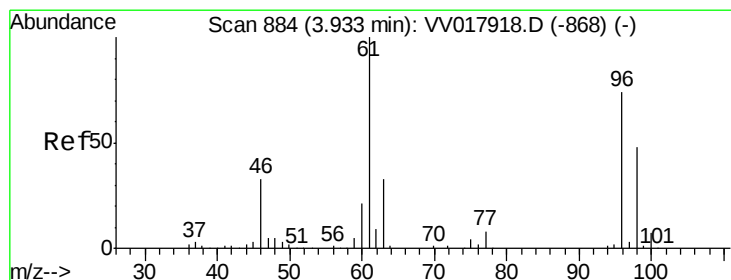
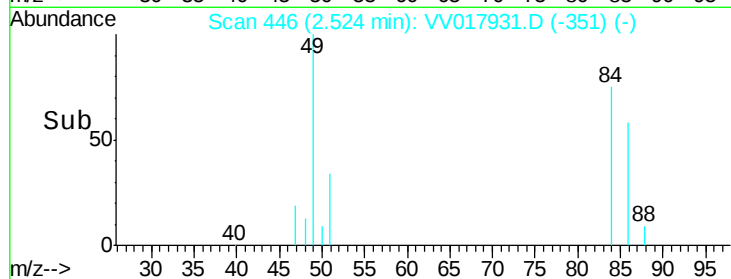
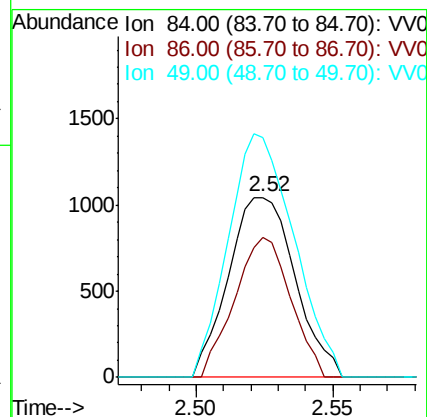
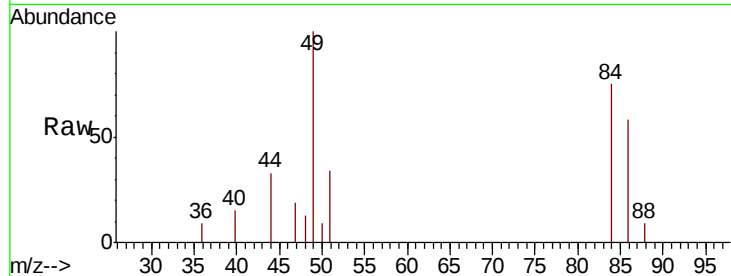




#16
Methylene chloride
Concen: 0.781 ug/L
RT: 2.52 min Scan# 446
Delta R.T. 0.01 min
Lab File: VV017931.D
Acq: 12 Aug 2020 16:47

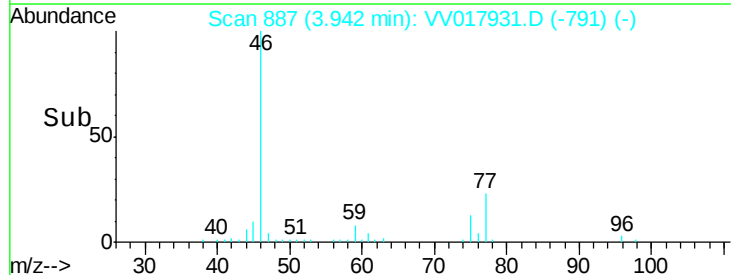
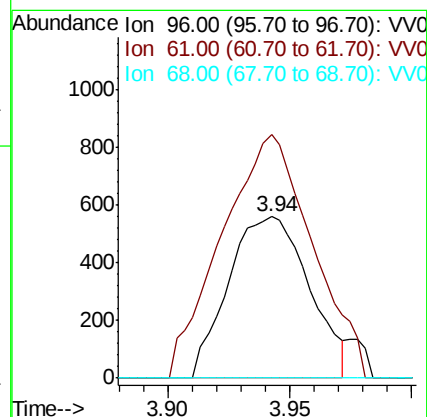
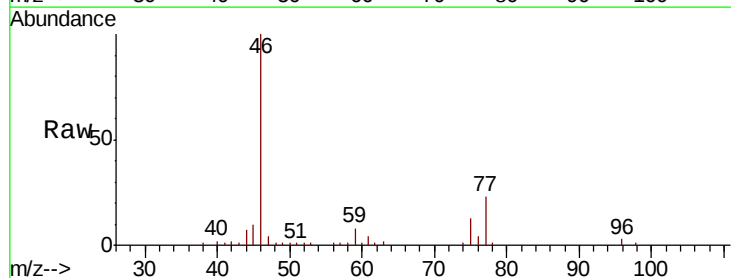
Instrument :
MSVOA_V
ClientSampled :
VIBLK51

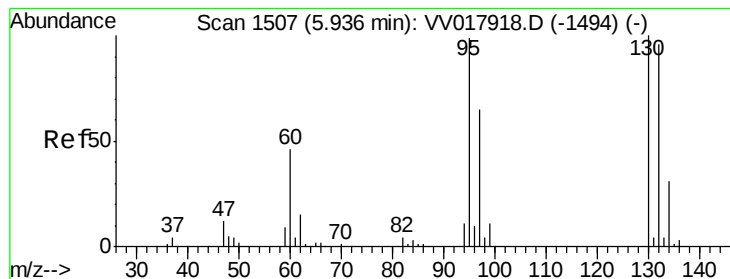
Tot Ion: 84 Resp: 1776
Ion Ratio Lower Upper
84 100
86 77.6 46.3 85.9
49 133.1 89.7 166.5



#20
cis-1,2-Dichloroethene
Concen: 0.637 ug/L
RT: 3.94 min Scan# 887
Delta R.T. 0.01 min
Lab File: VV017931.D
Acq: 12 Aug 2020 16:47

Tgt Ion: 96 Resp: 1283
Ion Ratio Lower Upper
96 100
61 150.8 95.0 176.4
68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 2.058 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV017931.D

Acq: 12 Aug 2020 16:47

Instrument :

MSVOA_V

ClientSampleId :

VIBLK51

Tot Ion: 95 Resp: 4282

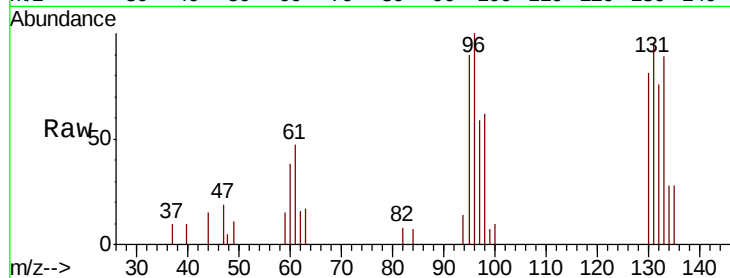
Ion Ratio Lower Upper

95 100

97 65.6 46.0 85.4

132 85.0 65.8 122.2

130 90.0 69.2 128.6

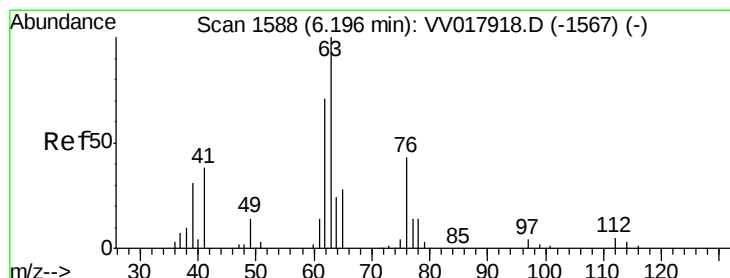
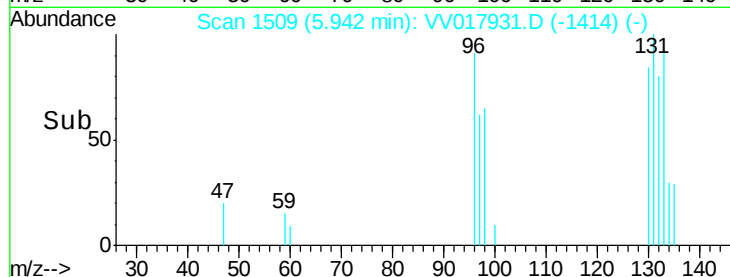
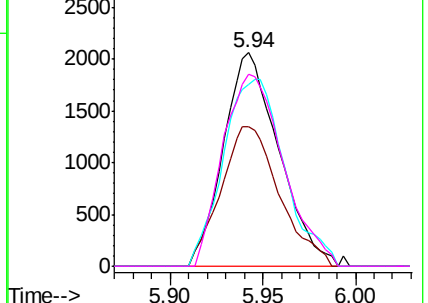


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#37

1,2-Dichloropropane

Concen: 6.012 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.10 min

Lab File: VV017931.D

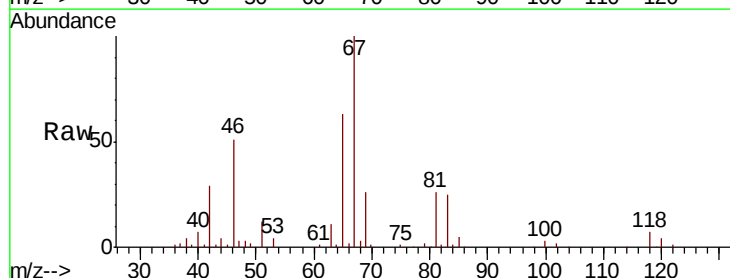
Acq: 12 Aug 2020 16:47

Tgt Ion: 63 Resp: 12906

Ion Ratio Lower Upper

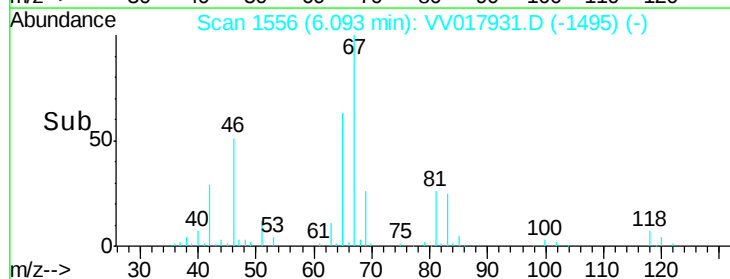
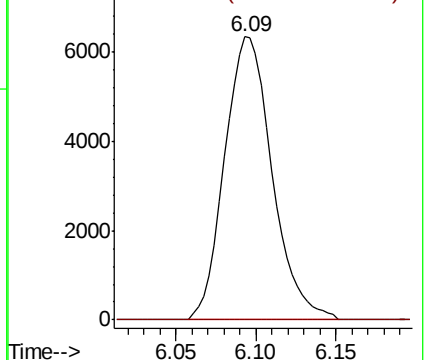
63 100

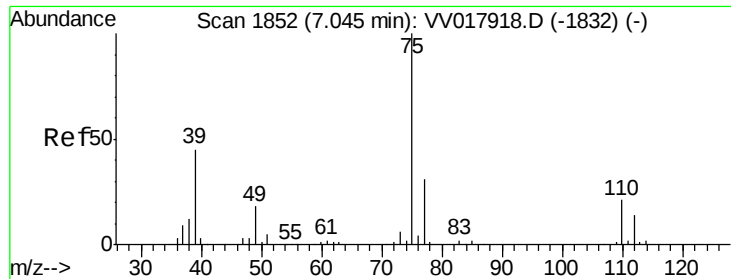
112 0.0 3.5 5.3#



Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 112.00 (111.70 to 112.70): V

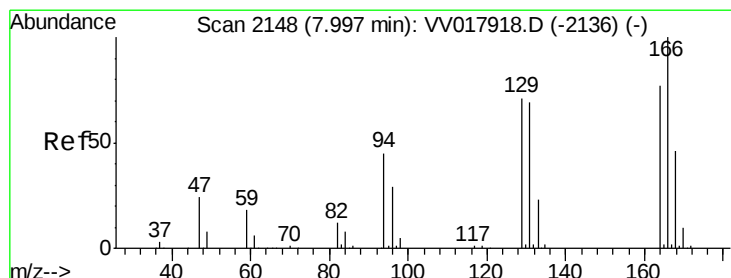
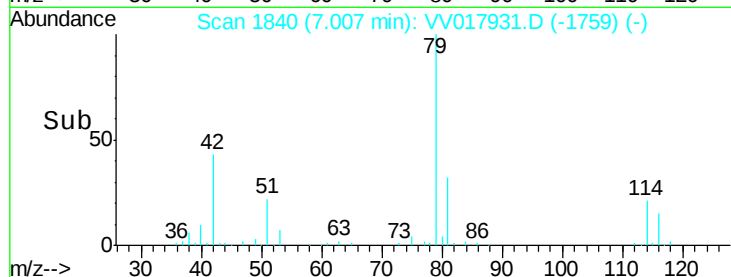
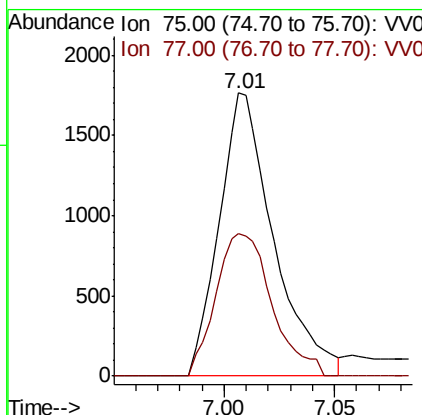
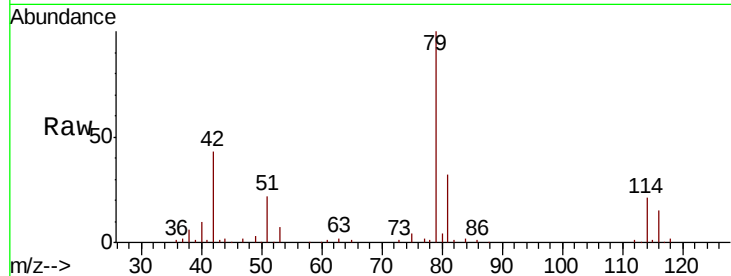




#39
 cis-1,3-Dichloropropene
 Concen: 0.990 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV017931.D
 Acq: 12 Aug 2020 16:47

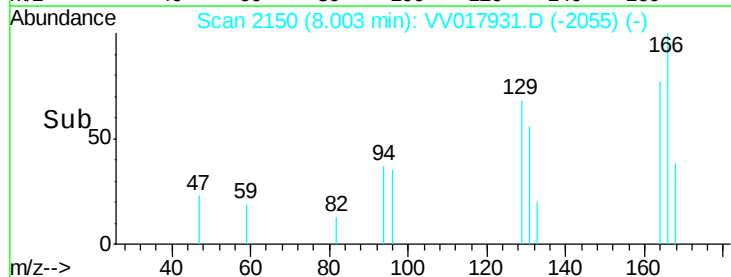
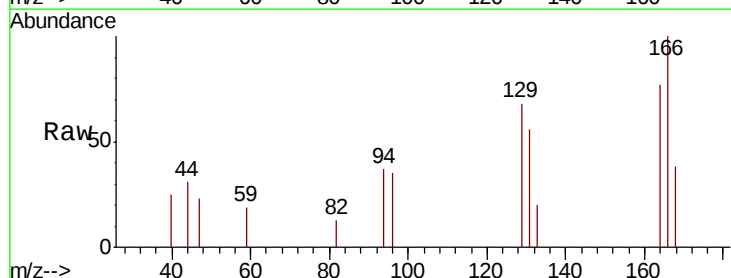
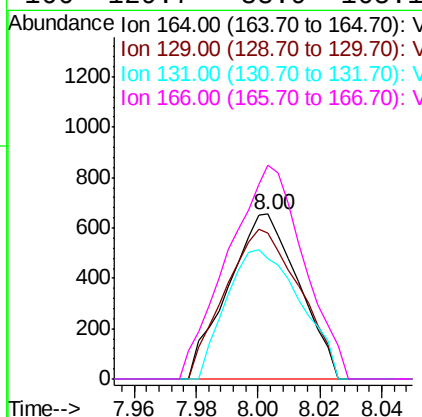
Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK51

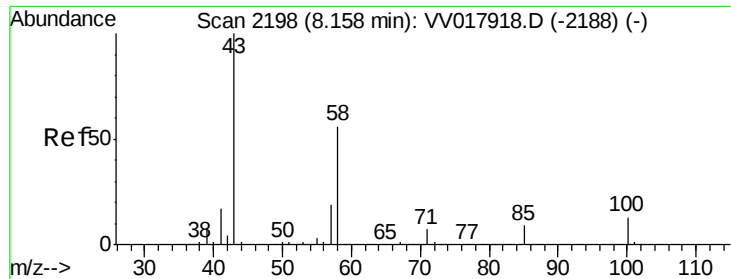
Tot Ion: 75 Resp: 3012
 Ion Ratio Lower Upper
 75 100
 77 50.3 22.3 41.5#



#46
 Tetrachloroethene
 Concen: 0.679 ug/L
 RT: 8.00 min Scan# 2150
 Delta R.T. 0.01 min
 Lab File: VV017931.D
 Acq: 12 Aug 2020 16:47

Tgt Ion: 164 Resp: 1036
 Ion Ratio Lower Upper
 164 100
 129 88.7 64.8 120.3
 131 72.9 64.5 119.9
 166 129.7 88.9 165.1

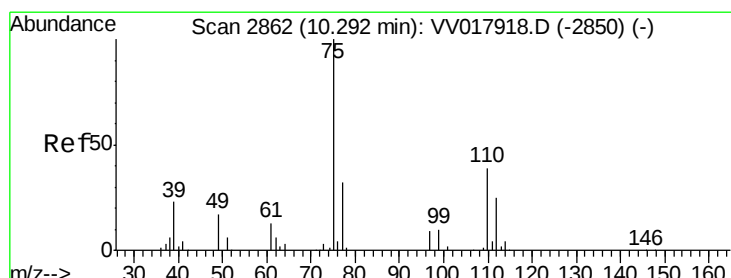
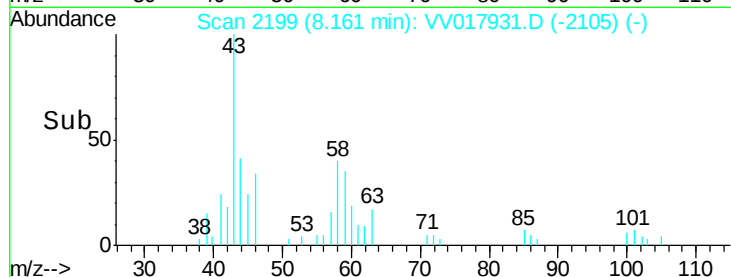
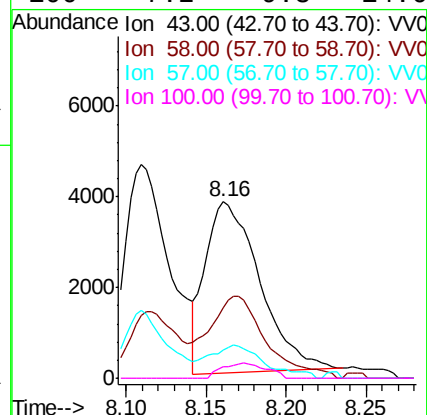
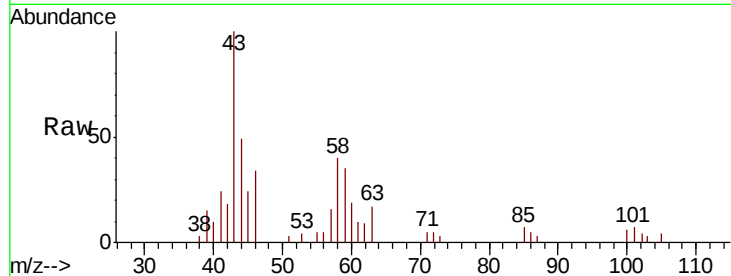




#48
2-Hexanone
Concen: 3.910 ug/L
RT: 8.16 min Scan# 2199
Delta R.T. 0.00 min
Lab File: VV017931.D
Acq: 12 Aug 2020 16:47

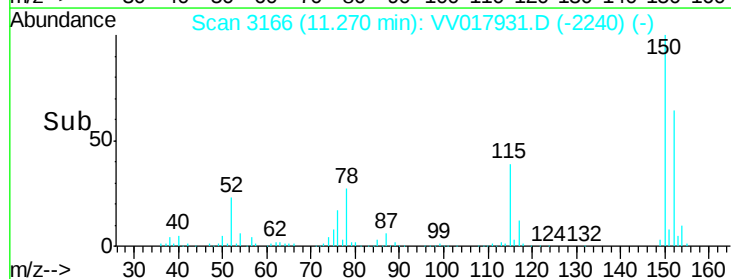
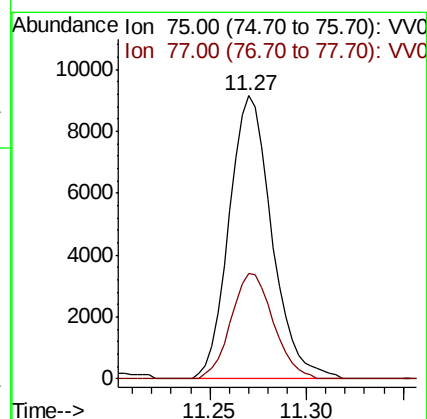
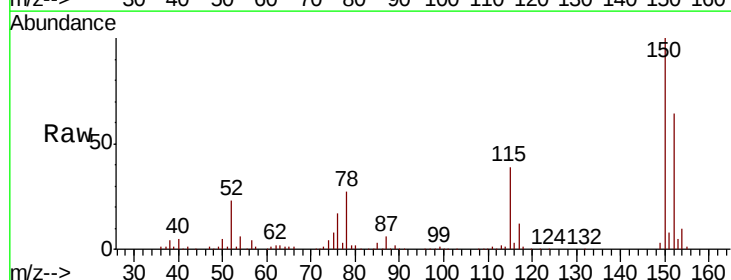
Instrument :
MSVOA_V
ClientSampleId :
VIBLK51

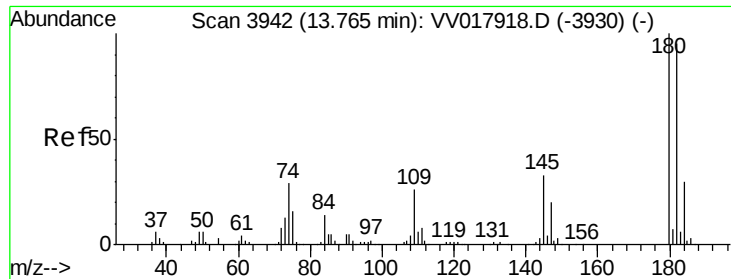
Tot Ion: 43 Resp: 8849
Ion Ratio Lower Upper
43 100
58 45.5 44.4 66.6
57 14.8 15.2 22.8#
100 7.2 9.8 14.6#



#59
1,2,3-Trichloropropane
Concen: 5.307 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.98 min
Lab File: VV017931.D
Acq: 12 Aug 2020 16:47

Tgt Ion: 75 Resp: 14070
Ion Ratio Lower Upper
75 100
77 36.9 25.7 38.5





#70

1,2,3-Trichlorobenzene

Concen: 0.483 ug/L

RT: 13.77 min Scan# 3944

Delta R.T. 0.01 min

Lab File: VV017931.D

Acq: 12 Aug 2020 16:47

Instrument :

MSVOA_V

ClientSampleId :

VIBLK51

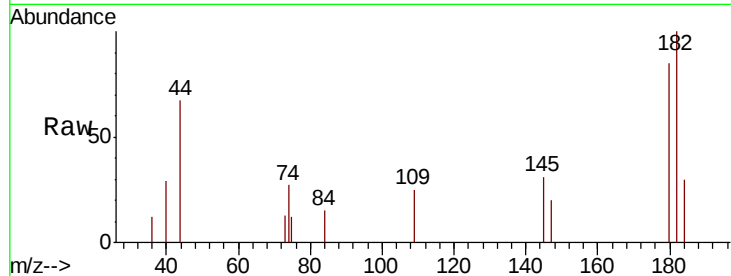
Tot Ion:180 Resp: 1157

Ion Ratio Lower Upper

180 100

182 113.8 76.5 114.7

145 19.7 26.0 39.0#



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

