

Data File : VV012398.D
Acq On : 26 Aug 2019 13:04
Operator : SY/MD
Sample : VIBLK10
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK10

Quant Time: Aug 27 02:23:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Aug 27 02:19:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	225219	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	221792	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	87326	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	55427	4.93	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.60%
7) Chloroethane-d5	1.58	69	41356	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.60%
11) 1,1-Dichloroethene-d2	2.13	63	74402	3.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.40%
20) 2-Butanone-d5	3.97	46	158038	52.10	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.20%
24) Chloroform-d	4.40	84	129946	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
26) 1,2-Dichloroethane-d4	5.08	65	64511	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.20%
32) Benzene-d6	5.10	84	259210	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	6.12	67	80563	4.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.60%
41) Toluene-d8	7.36	98	216991	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
43) trans-1,3-Dichloropropene-	7.66	79	26727	4.31	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.20%
46) 2-Hexanone-d5	8.14	63	80364	41.77	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.54%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	47445	4.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	73834	5.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.60%

Target Compounds

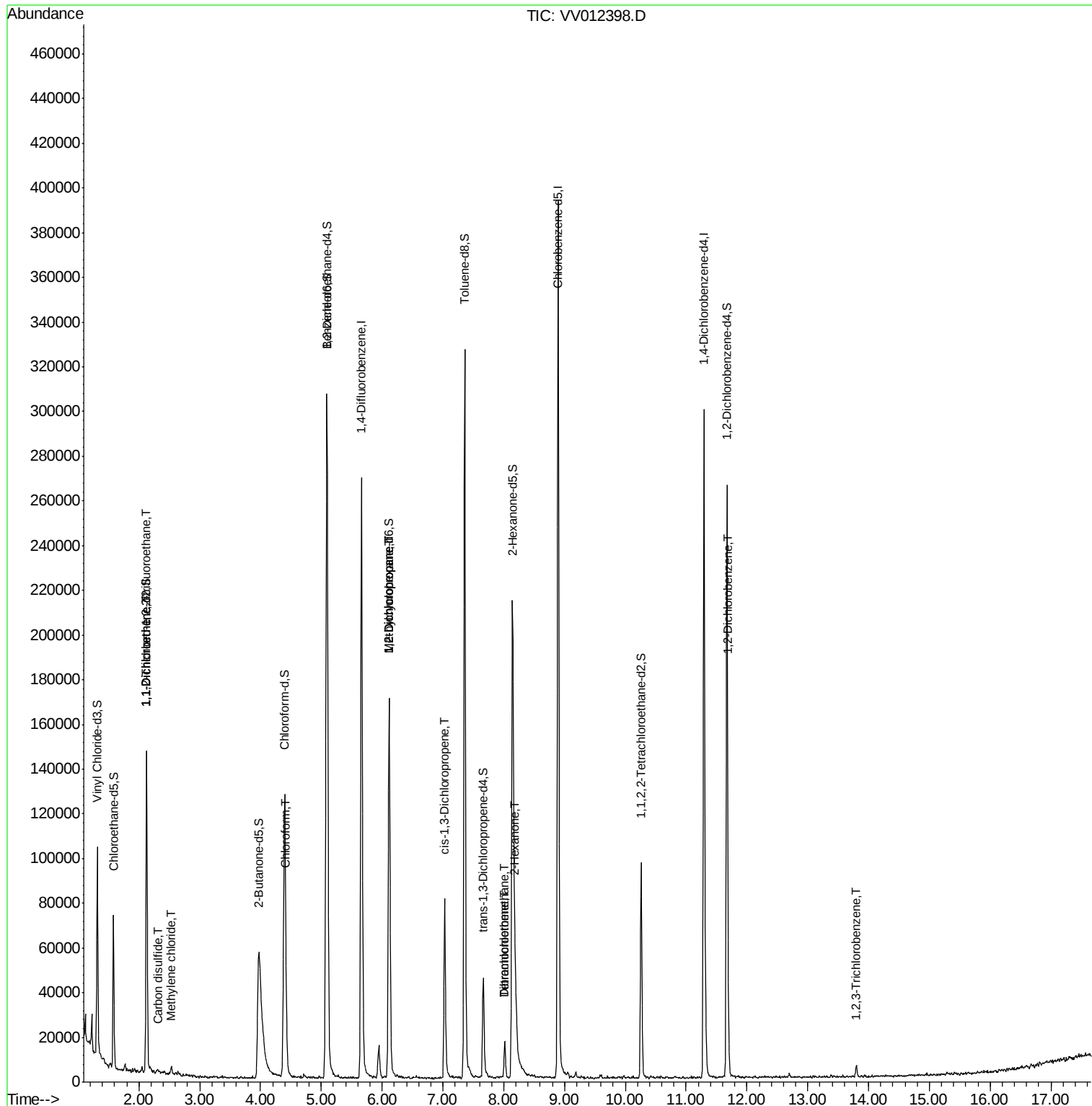
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	845	0.085	ug/L #	23
12) 1,1-Dichloroethene	2.13	96	797	0.088	ug/L #	1
14) Carbon disulfide	2.31	76	1284	0.045	ug/L #	63
16) Methylene chloride	2.53	84	1045	0.104	ug/L	87
25) Chloroform	4.42	83	7020	0.252	ug/L	90
35) Methylcyclohexane	6.12	83	19793	0.826	ug/L #	17
37) 1,2-Dichloropropane	6.12	63	9530	0.665	ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	2119	0.110	ug/L #	68
47) Tetrachloroethene	8.02	164	3839	0.312	ug/L	90
48) 2-Hexanone	8.19	43	21324	3.850	ug/L #	86
49) Dibromochloromethane	8.02	129	3504	0.315	ug/L #	11
65) 1,2-Dichlorobenzene	11.69	146	1621	0.074	ug/L #	68
70) 1,2,3-Trichlorobenzene	13.80	180	1969	0.166	ug/L	95

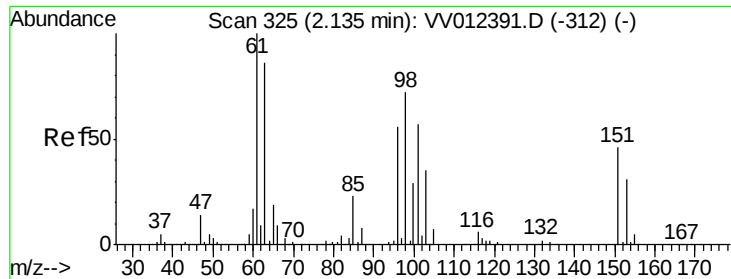
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.085 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV012398.D

Acq: 26 Aug 2019 13:04

Instrument :

MSVOA_V

ClientSampleId :

VIBLK10

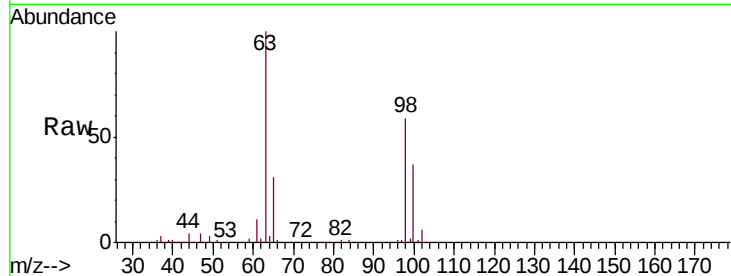
Tgt Ion: 101 Resp: 845

Ion Ratio Lower Upper

101 100

85 4.7 34.6 51.8#

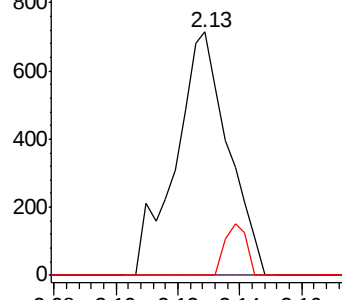
151 8.8 71.2 106.8#



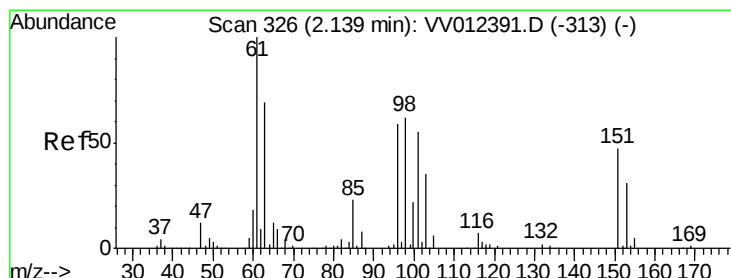
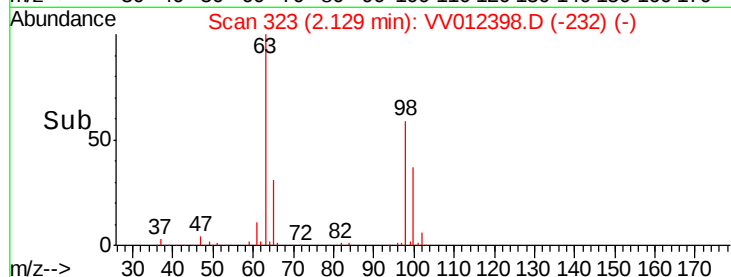
Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



Time-->



#12

1,1-Dichloroethene

Concen: 0.088 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV012398.D

Acq: 26 Aug 2019 13:04

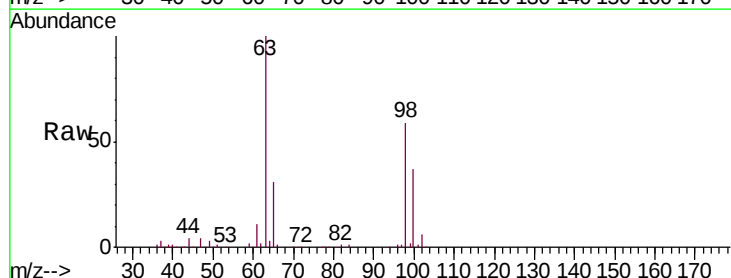
Tgt Ion: 96 Resp: 797

Ion Ratio Lower Upper

96 100

61 1072.1 122.3 227.1#

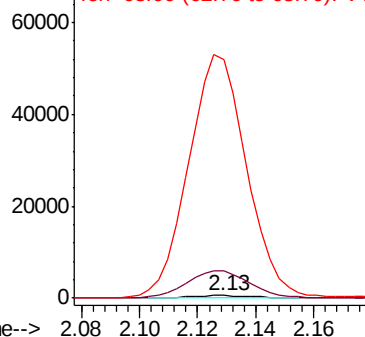
63 9542.8 90.6 168.2#



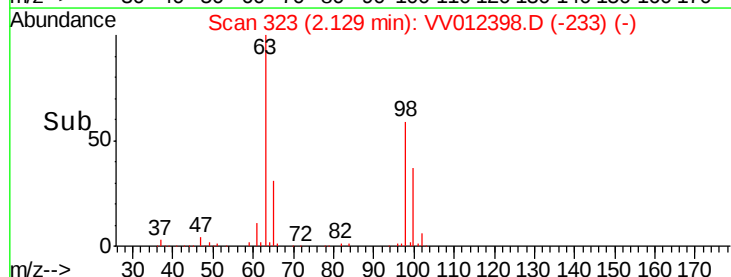
Abundance Ion 96.00 (95.70 to 96.70): VV0

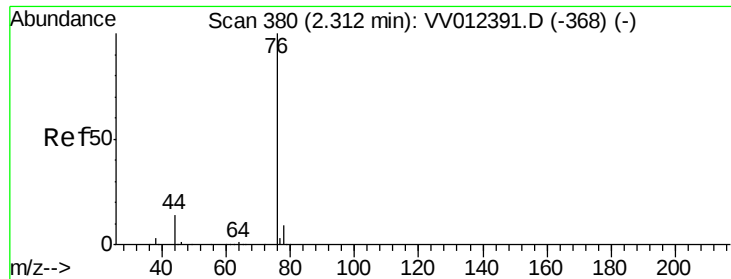
Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0



Time-->





#14

Carbon disulfide

Concen: 0.045 ug/L

RT: 2.31 min Scan# 380

Delta R.T. -0.00 min

Lab File: VV012398.D

Acq: 26 Aug 2019 13:04

Instrument :

MSVOA_V

ClientSampled :

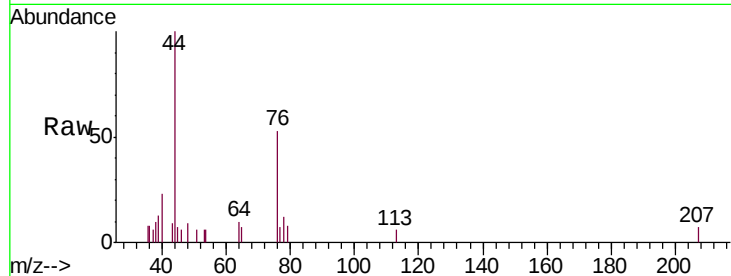
VIBLK10

Tgt Ion: 76 Resp: 1284

Ion Ratio Lower Upper

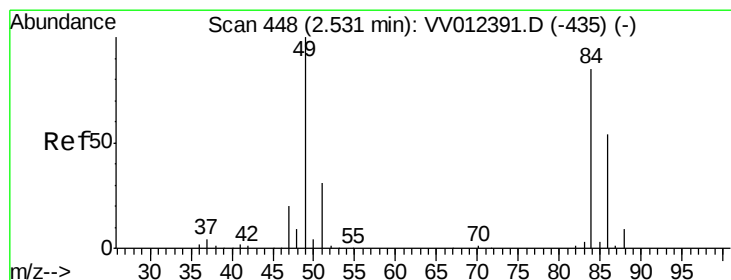
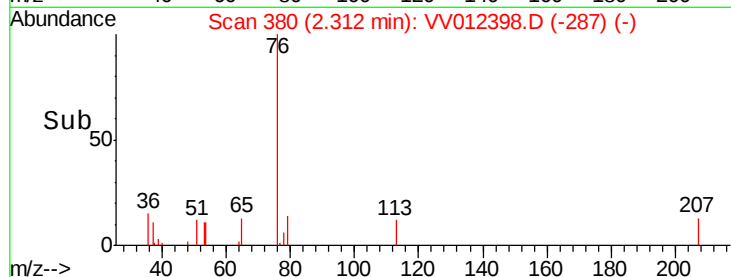
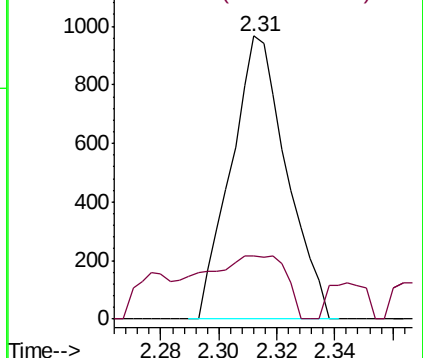
76 100

78 22.5 7.3 10.9#



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0



#16

Methylene chloride

Concen: 0.104 ug/L

RT: 2.53 min Scan# 448

Delta R.T. -0.00 min

Lab File: VV012398.D

Acq: 26 Aug 2019 13:04

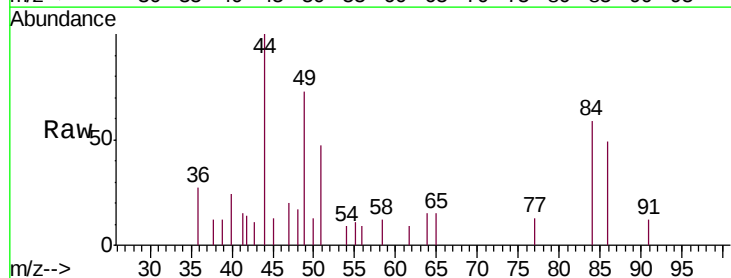
Tgt Ion: 84 Resp: 1045

Ion Ratio Lower Upper

84 100

86 82.6 44.9 83.5

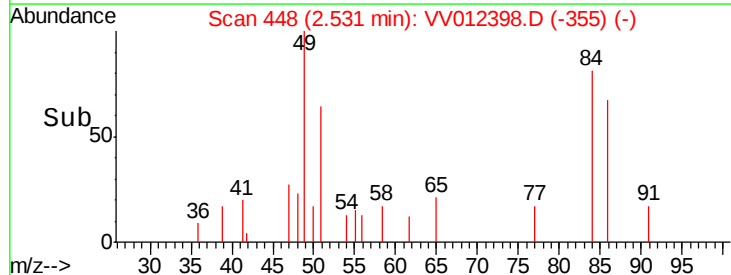
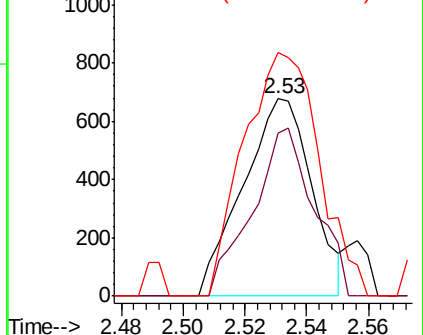
49 123.5 81.1 150.7

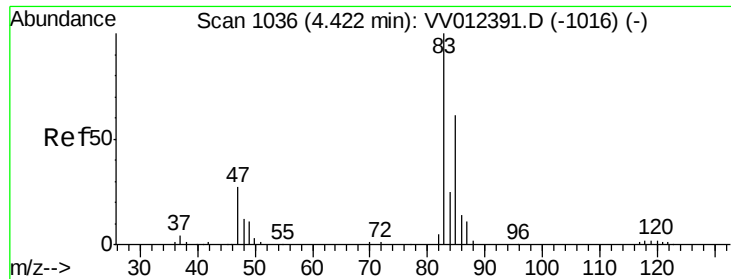


Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0

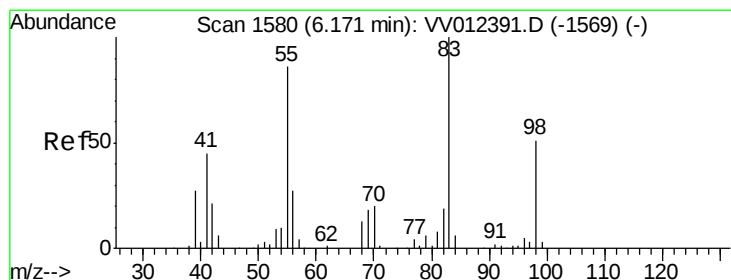
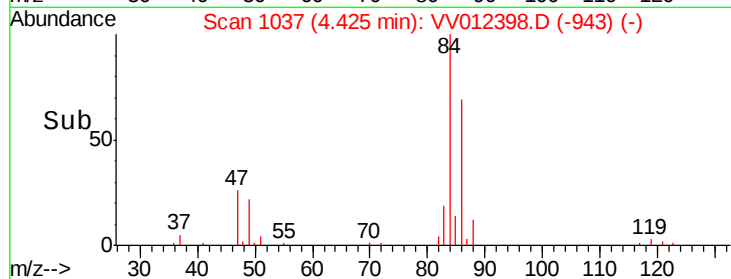
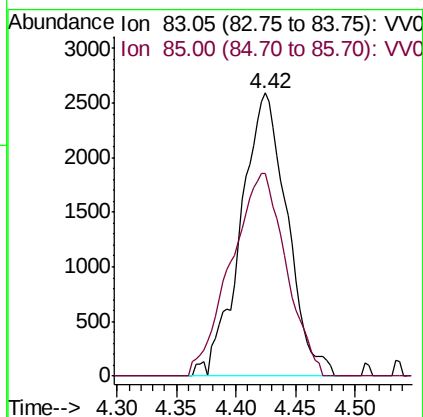
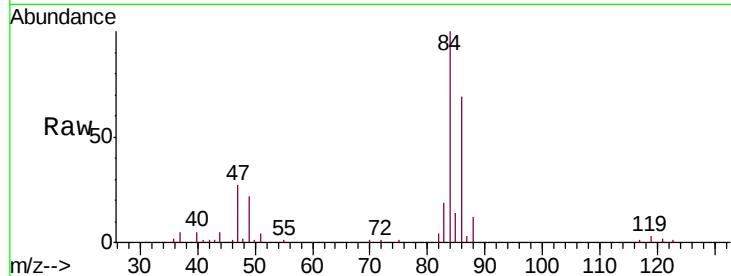




#25
Chloroform
Concen: 0.252 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV012398.D
Acq: 26 Aug 2019 13:04

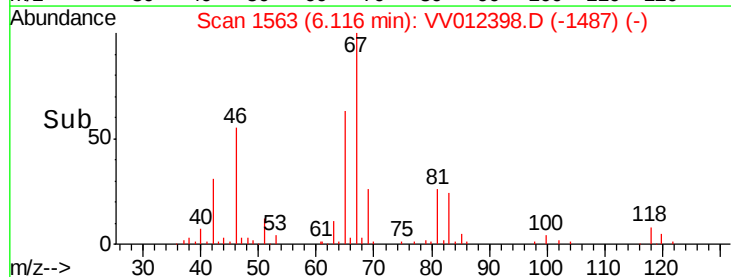
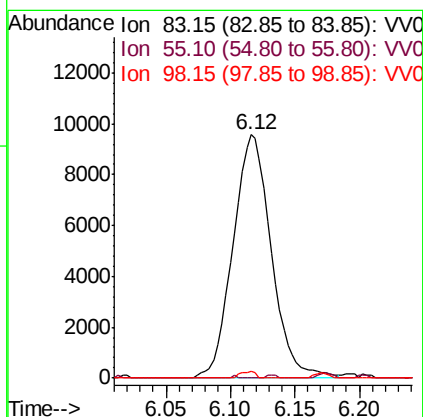
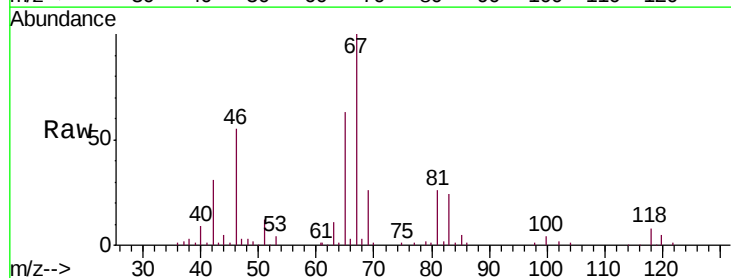
Instrument :
MSVOA_V
ClientSampleId :
VIBLK10

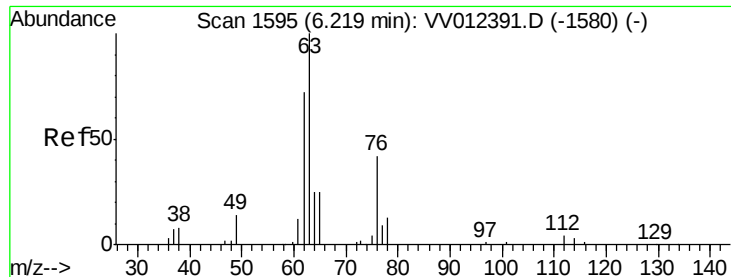
Tgt Ion: 83 Resp: 7020
Ion Ratio Lower Upper
83 100
85 71.4 44.6 82.8



#35
Methylcyclohexane
Concen: 0.826 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV012398.D
Acq: 26 Aug 2019 13:04

Tgt Ion: 83 Resp: 19793
Ion Ratio Lower Upper
83 100
55 0.1 64.6 97.0#
98 1.0 39.0 58.4#

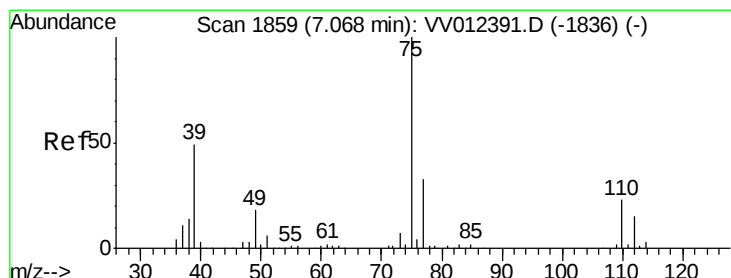
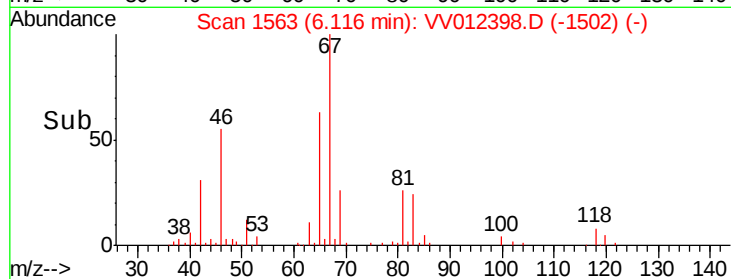
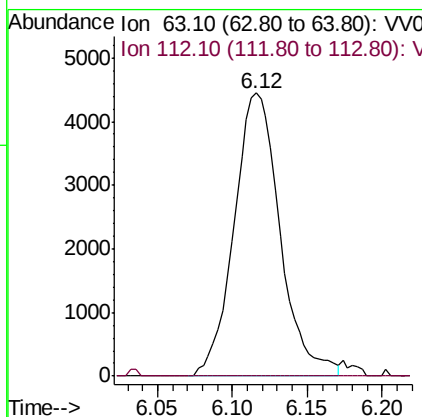
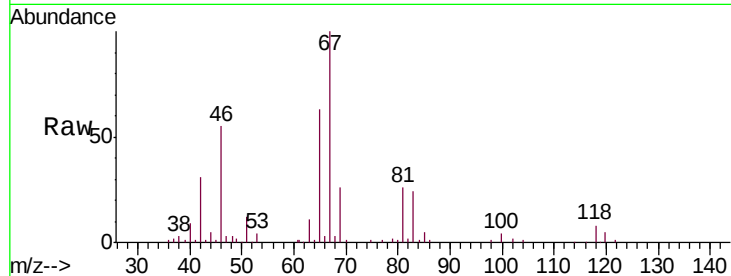




#37
 1,2-Dichloropropane
 Concen: 0.665 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV012398.D
 Acq: 26 Aug 2019 13:04

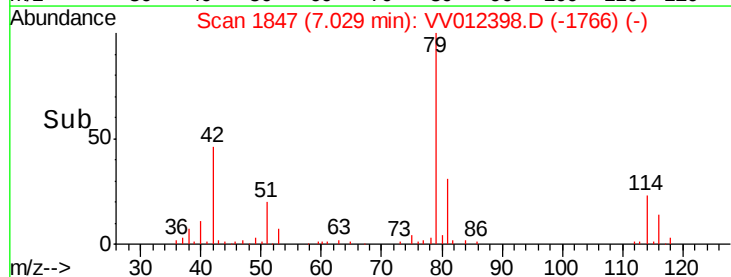
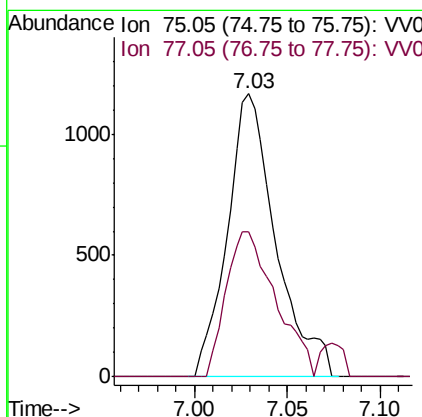
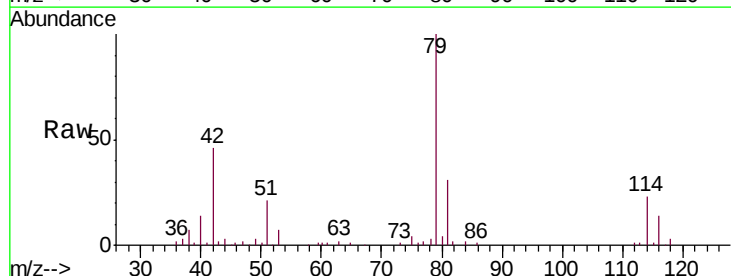
Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK10

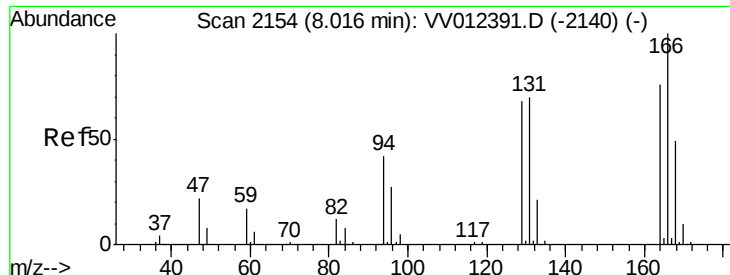
Tgt Ion: 63 Resp: 9530
 Ion Ratio Lower Upper
 63 100
 112 0.4 4.2 6.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.110 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV012398.D
 Acq: 26 Aug 2019 13:04

Tgt Ion: 75 Resp: 2119
 Ion Ratio Lower Upper
 75 100
 77 51.2 23.2 43.2#





#47

Tetrachloroethene

Concen: 0.312 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. -0.00 min

Lab File: VV012398.D

Acq: 26 Aug 2019 13:04

Instrument :

MSVOA_V

ClientSampleId :

VIBLK10

Tgt Ion:164 Resp: 3839

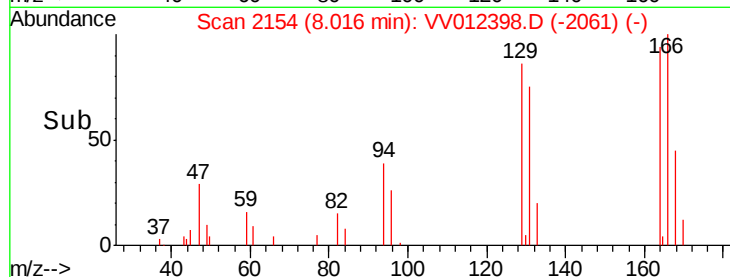
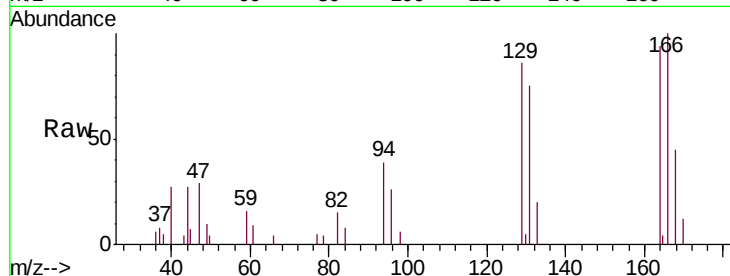
Ion Ratio Lower Upper

164 100

129 91.6 60.6 112.6

131 79.9 58.8 109.2

166 106.4 87.6 162.8

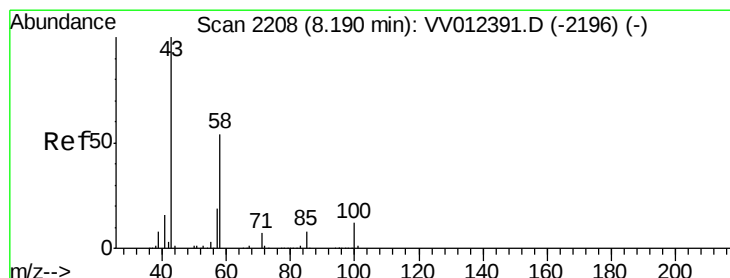
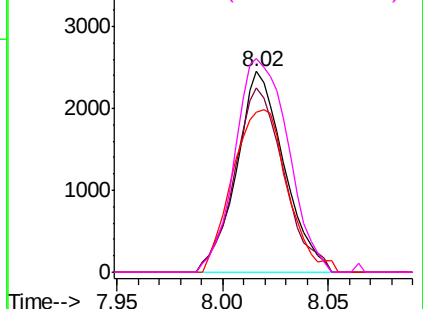


Abundance Ion 163.90 (163.60 to 164.60): V

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



#48

2-Hexanone

Concen: 3.850 ug/L

RT: 8.19 min Scan# 2208

Delta R.T. -0.00 min

Lab File: VV012398.D

Acq: 26 Aug 2019 13:04

Tgt Ion: 43 Resp: 21324

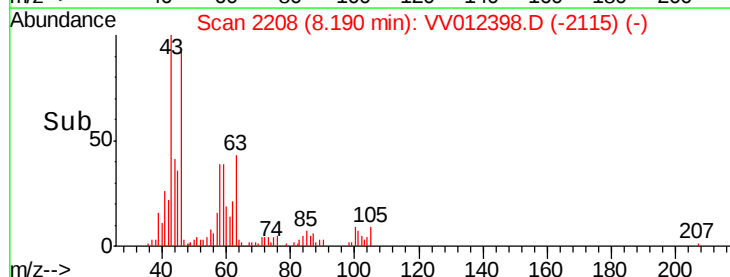
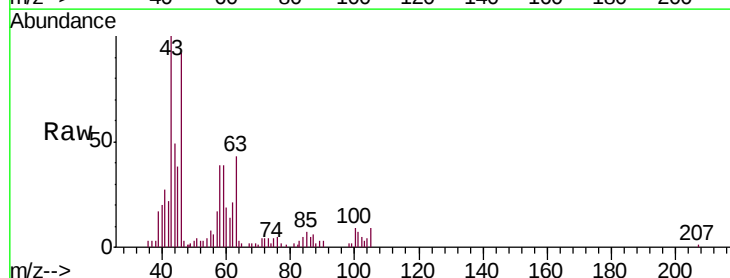
Ion Ratio Lower Upper

43 100

58 44.7 46.3 69.5#

57 18.6 14.9 22.3

100 6.0 9.7 14.5#

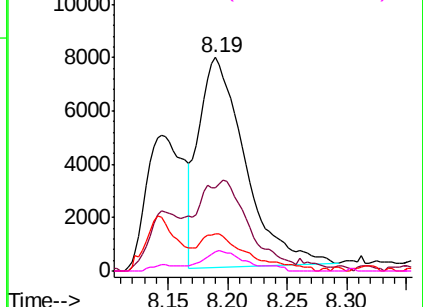


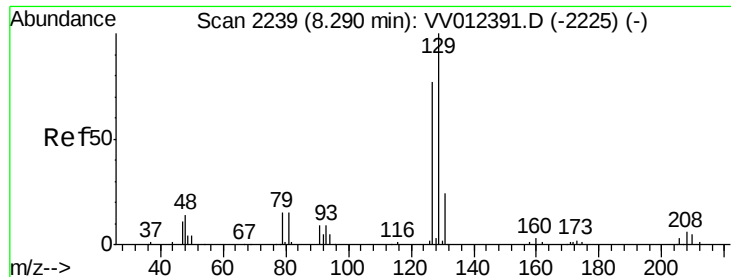
Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0





#49

Dibromochloromethane

Concen: 0.315 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. -0.27 min

Lab File: VV012398.D

Acq: 26 Aug 2019 13:04

Instrument :

MSVOA_V

ClientSampleId :

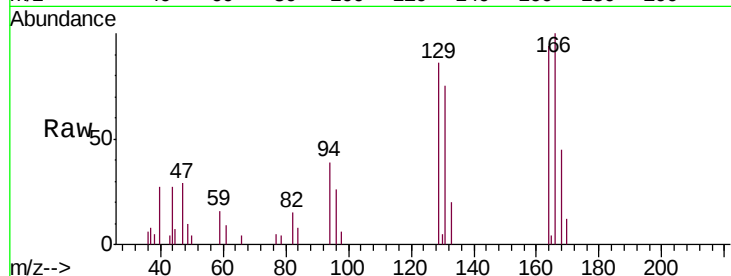
VIBLK10

Tgt Ion:129 Resp: 3504

Ion Ratio Lower Upper

129 100

127 0.0 53.8 99.8#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

8.02

2500

2000

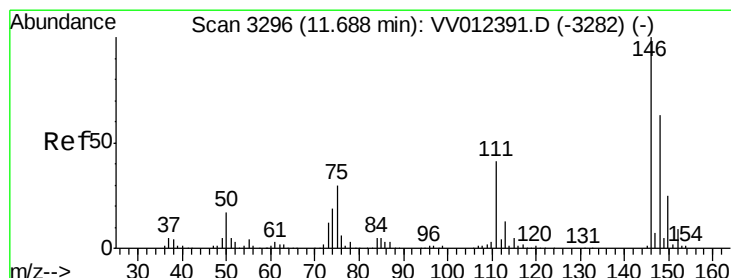
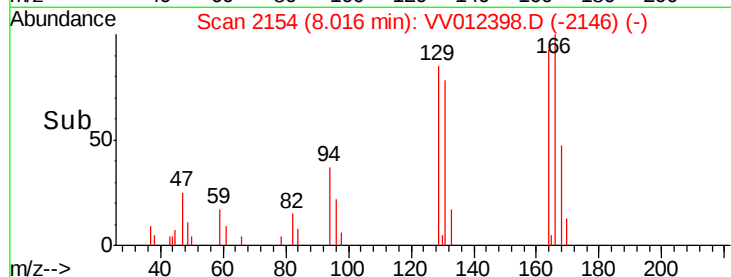
1500

1000

500

0

Time-->



#65

1,2-Dichlorobenzene

Concen: 0.074 ug/L

RT: 11.69 min Scan# 3297

Delta R.T. 0.00 min

Lab File: VV012398.D

Acq: 26 Aug 2019 13:04

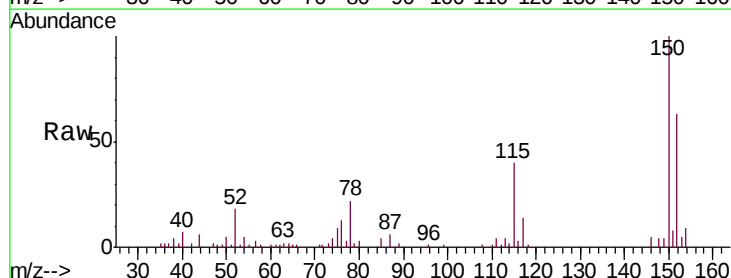
Tgt Ion:146 Resp: 1621

Ion Ratio Lower Upper

146 100

111 70.2 31.9 47.9#

148 79.2 50.2 75.4#



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

11.69

1000

800

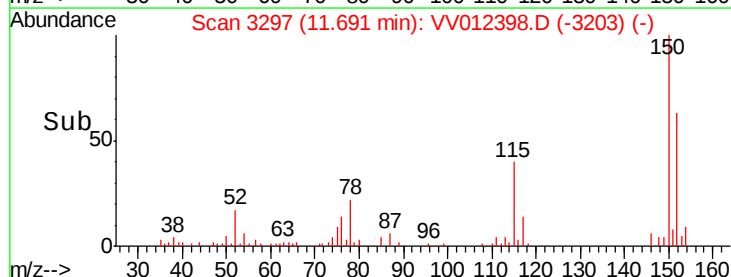
600

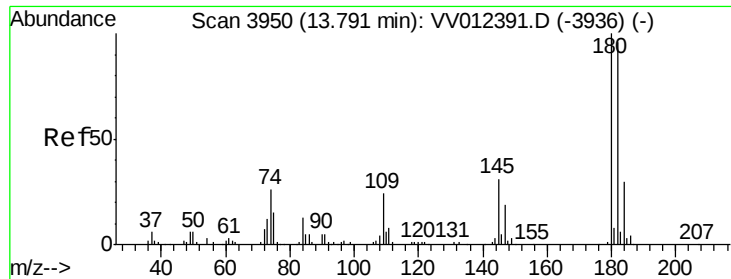
400

200

0

Time-->

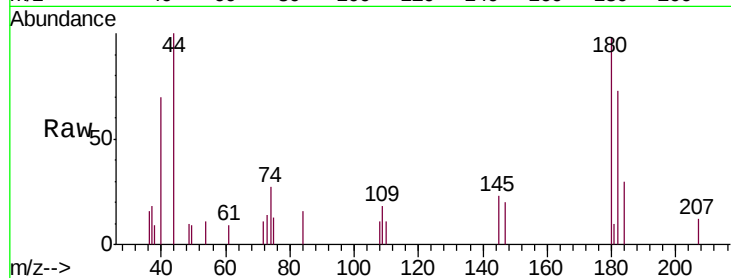




#70
 1,2,3-Trichlorobenzene
 Concen: 0.166 ug/L
 RT: 13.80 min Scan# 3952
 Delta R.T. 0.01 min
 Lab File: VV012398.D
 Acq: 26 Aug 2019 13:04

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK10

Tgt Ion	Ratio	Lower	Upper
180	100		
182	90.7	75.1	112.7
145	24.7	23.4	35.2



Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 181.90 (181.60 to 182.60): V
 Ion 144.95 (144.65 to 145.65): V

