

Data File : VV012618.D
Acq On : 07 Sep 2019 00:25
Operator : SY/MD
Sample : K4685-10DL 10X
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFD79DL

Quant Time: Sep 07 01:14:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090519WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Sep 07 01:06:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	140997	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	146949	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	49209	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	61979	4.70	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.00%
7) Chloroethane-d5	1.58	69	62997	5.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.40%
11) 1,1-Dichloroethene-d2	2.13	63	107293	3.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.40%
20) 2-Butanone-d5	3.97	46	156949	61.03	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.06%
24) Chloroform-d	4.40	84	104497	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.20%
26) 1,2-Dichloroethane-d4	5.08	65	60869	5.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.20%
32) Benzene-d6	5.10	84	185803	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
36) 1,2-Dichloropropane-d6	6.12	67	64963	5.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.00%
41) Toluene-d8	7.36	98	140854	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.80%
43) trans-1,3-Dichloropropene-	7.66	79	19420	4.63	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.60%
46) 2-Hexanone-d5	8.14	63	87944	54.92	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.84%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	45737	5.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	48142	5.86	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.20%

Target Compounds

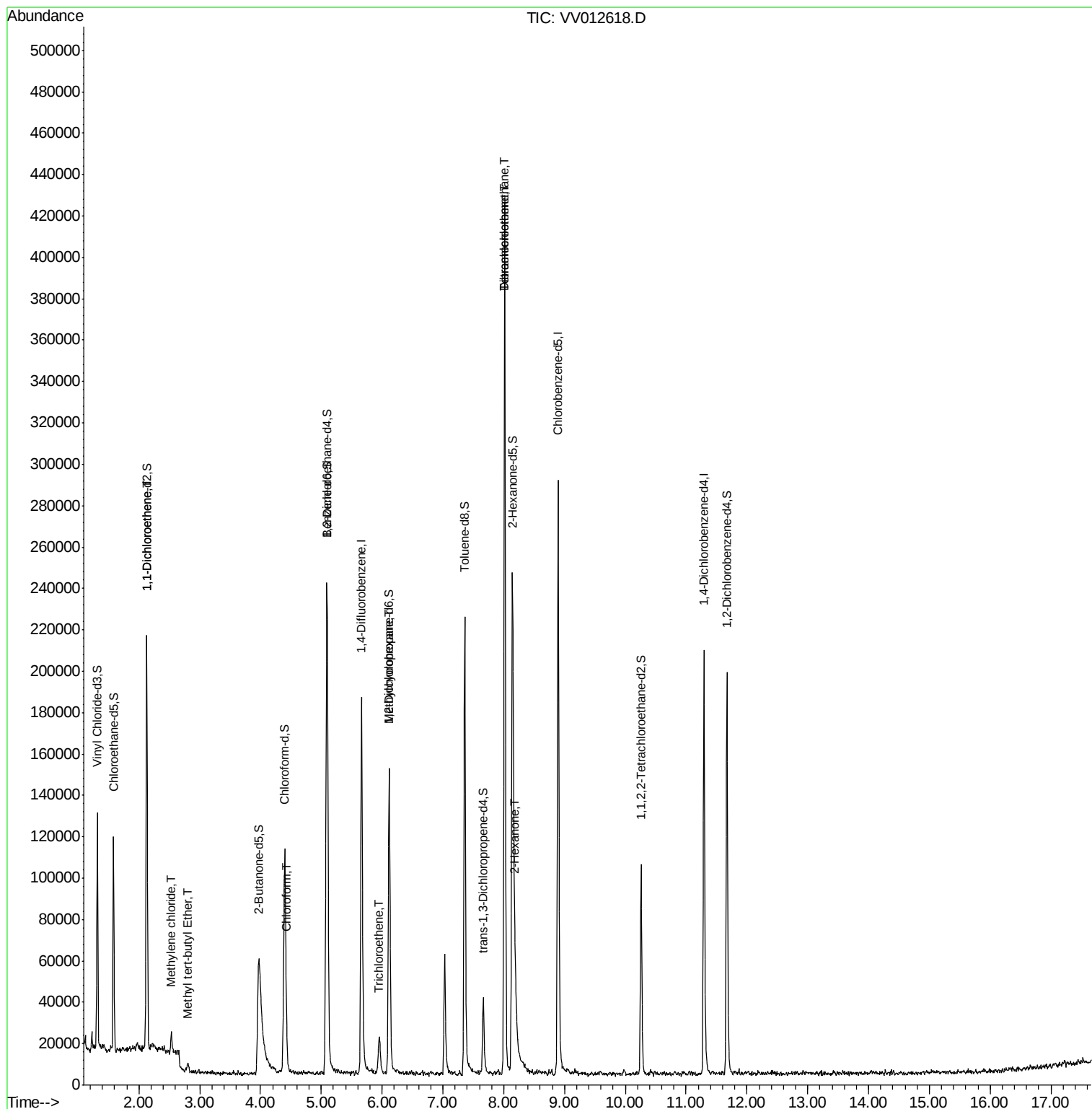
					Qvalue
12) 1,1-Dichloroethene	2.13	96	1323	0.079 ug/L #	1
16) Methylene chloride	2.53	84	3984	0.205 ug/L	89
17) Methyl tert-butyl Ether	2.80	73	3257	0.120 ug/L #	87
25) Chloroform	4.43	83	5429	0.196 ug/L	99
34) Trichloroethene	5.96	95	4104	0.277 ug/L	96
35) Methylcyclohexane	6.12	83	15559	0.703 ug/L #	16
47) Tetrachloroethene	8.02	164	86348	7.993 ug/L	97
48) 2-Hexanone	8.19	43	17917	3.055 ug/L #	89
49) Dibromochloromethane	8.02	129	77937	7.274 ug/L #	12

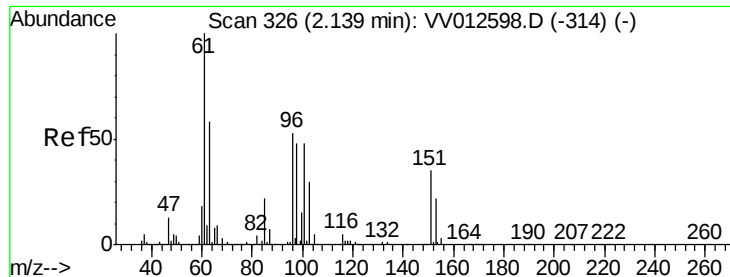
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.079 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV012618.D

Acq: 07 Sep 2019 00:25

Instrument :

MSVOA_V

ClientSampleId :

BFD79DL

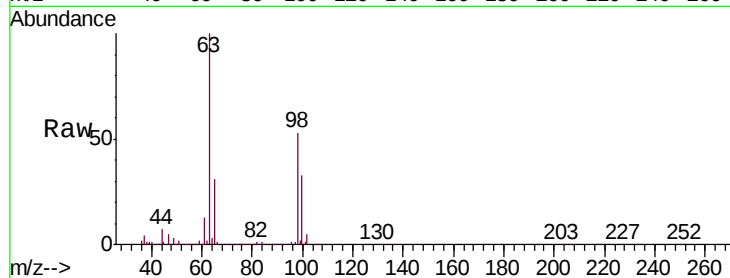
Tgt Ion: 96 Resp: 1323

Ion Ratio Lower Upper

96 100

61 1457.6 132.7 246.5#

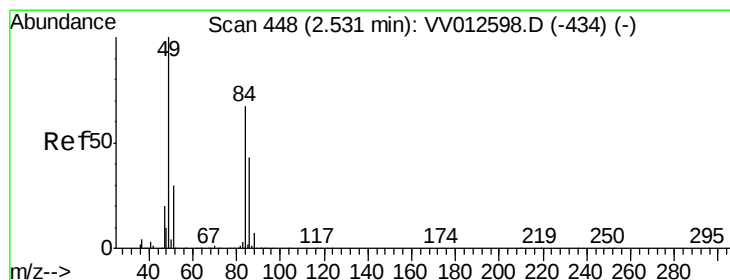
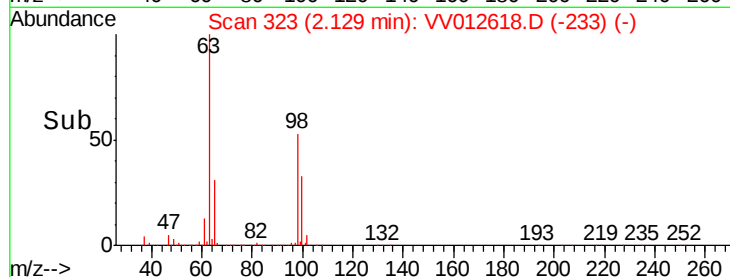
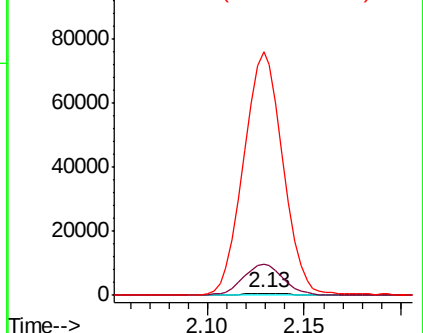
63 11240.2 84.1 156.1#



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: 0.205 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

Lab File: VV012618.D

Acq: 07 Sep 2019 00:25

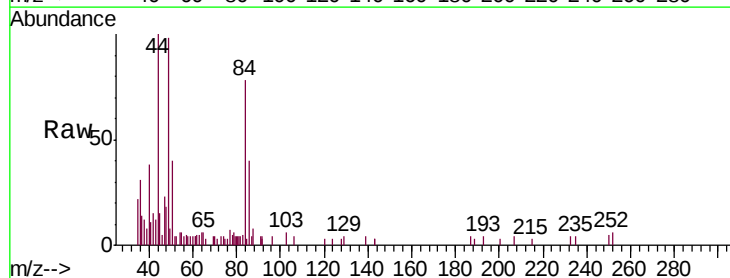
Tgt Ion: 84 Resp: 3984

Ion Ratio Lower Upper

84 100

86 50.5 43.6 81.0

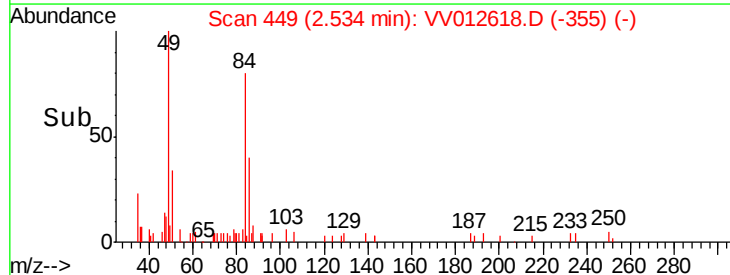
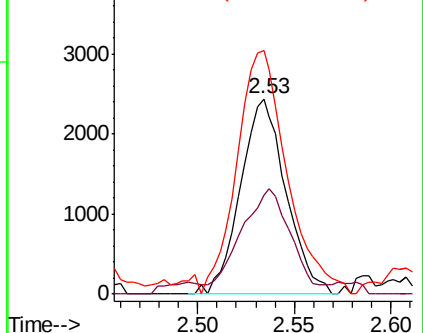
49 134.9 103.0 191.2

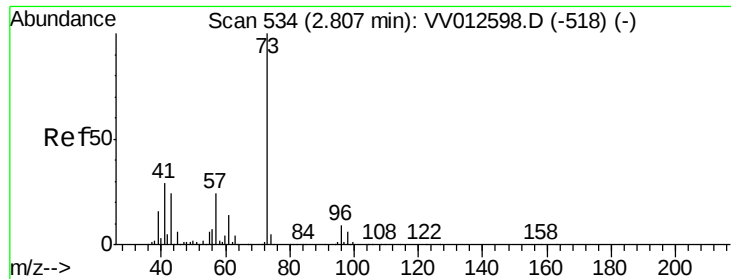


Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0

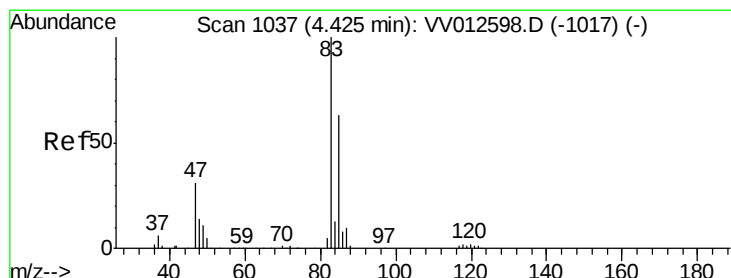
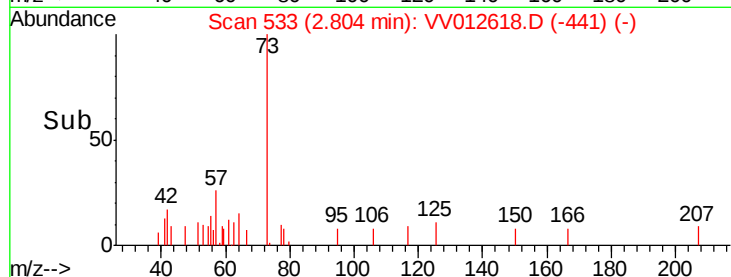
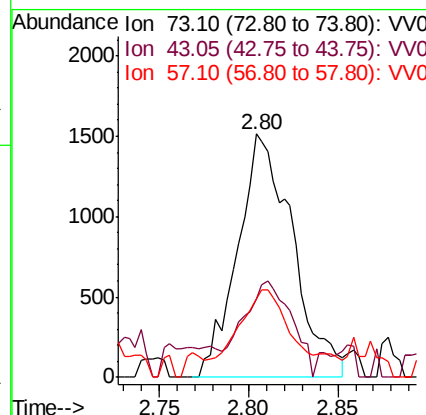
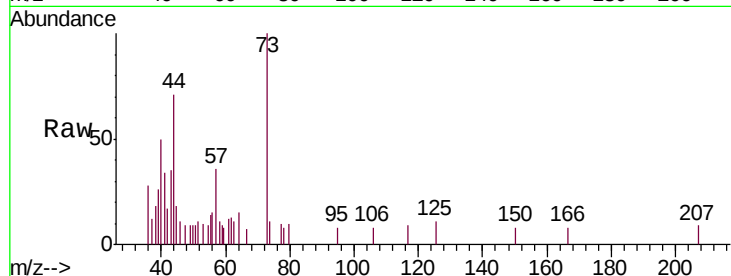




#17
Methyl tert-butyl Ether
Concen: 0.120 ug/L
RT: 2.80 min Scan# 533
Delta R.T. -0.00 min
Lab File: VV012618.D
Acq: 07 Sep 2019 00:25

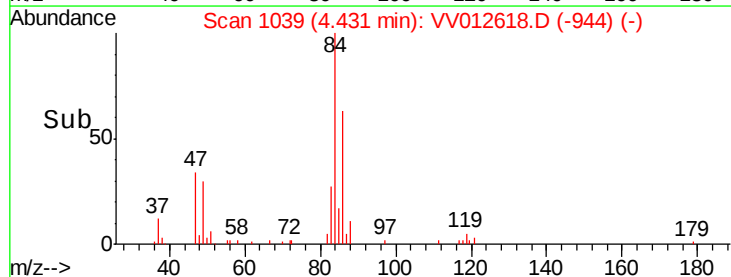
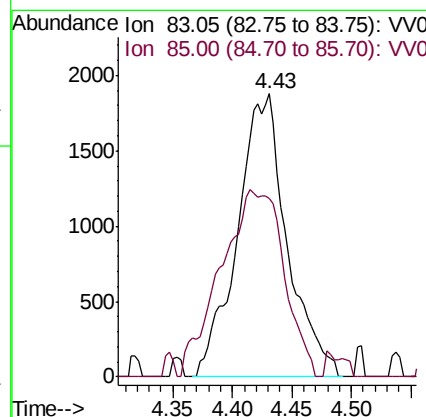
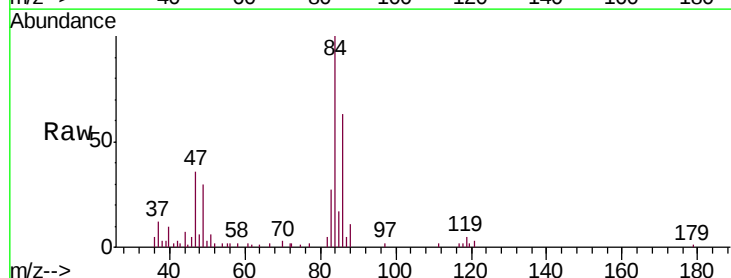
Instrument :
MSVOA_V
ClientSampleId :
BFD79DL

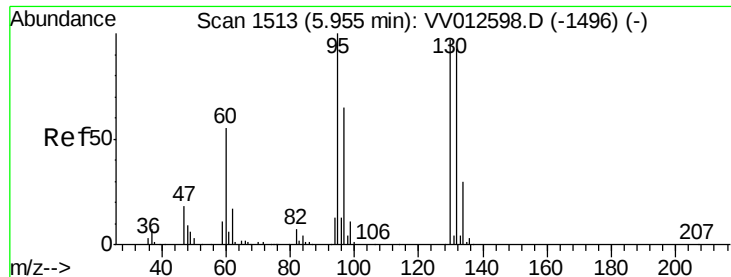
Tgt Ion: 73 Resp: 3257
Ion Ratio Lower Upper
73 100
43 34.9 18.9 28.3#
57 21.8 18.9 28.3



#25
Chloroform
Concen: 0.196 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. 0.01 min
Lab File: VV012618.D
Acq: 07 Sep 2019 00:25

Tgt Ion: 83 Resp: 5429
Ion Ratio Lower Upper
83 100
85 63.1 44.4 82.5





#34

Trichloroethene

Concen: 0.277 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV012618.D

Acq: 07 Sep 2019 00:25

Instrument :

MSVOA_V

ClientSampleId :

BFD79DL

Tgt Ion: 95 Resp: 4104

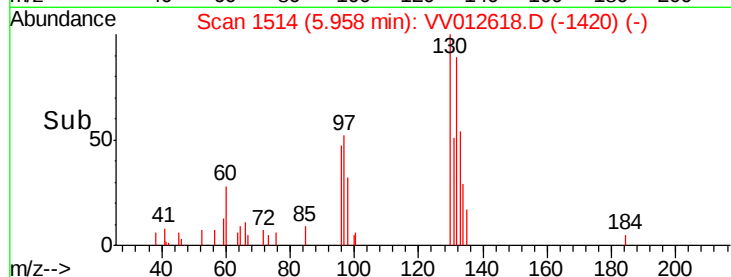
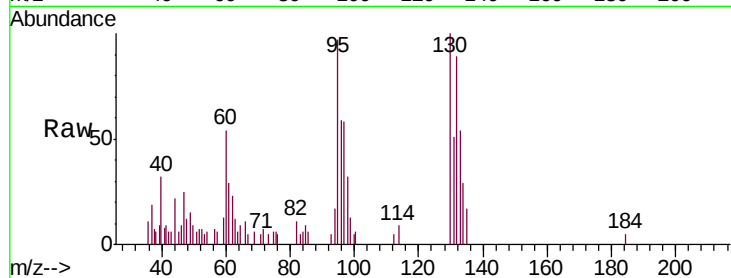
Ion Ratio Lower Upper

95 100

97 59.4 43.9 81.5

132 91.6 64.8 120.4

130 102.7 67.1 124.7

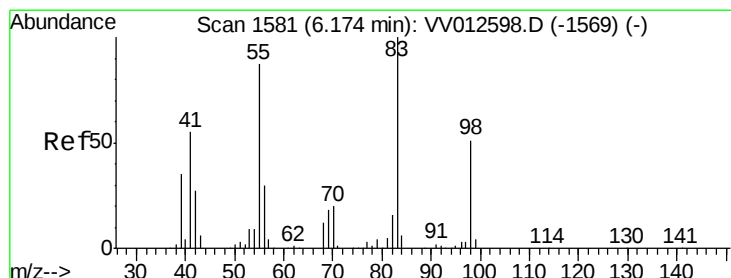
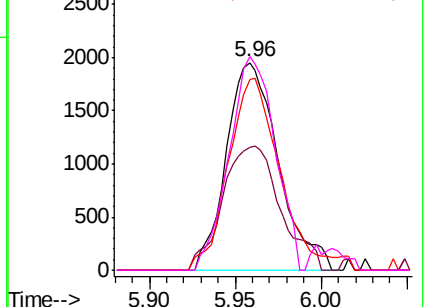


Abundance Ion 95.00 (94.70 to 95.70): VV0

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



#35

Methylcyclohexane

Concen: 0.703 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.06 min

Lab File: VV012618.D

Acq: 07 Sep 2019 00:25

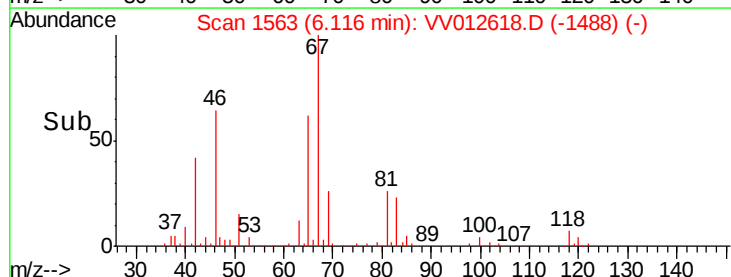
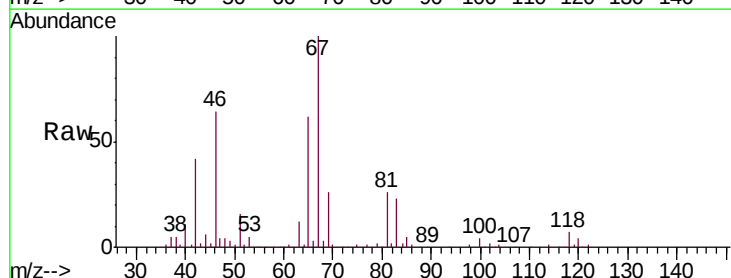
Tgt Ion: 83 Resp: 15559

Ion Ratio Lower Upper

83 100

55 1.7 69.0 103.6#

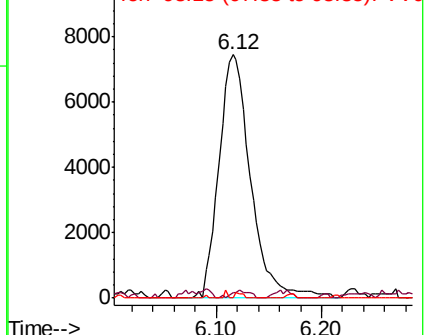
98 0.5 38.0 57.0#

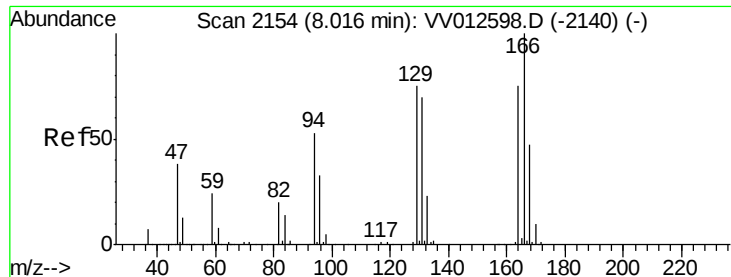


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0





#47

Tetrachloroethene

Concen: 7.993 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. -0.00 min

Lab File: VV012618.D

Acq: 07 Sep 2019 00:25

Instrument :

MSVOA_V

ClientSampleId :

BFD79DL

Tgt Ion:164 Resp: 86348

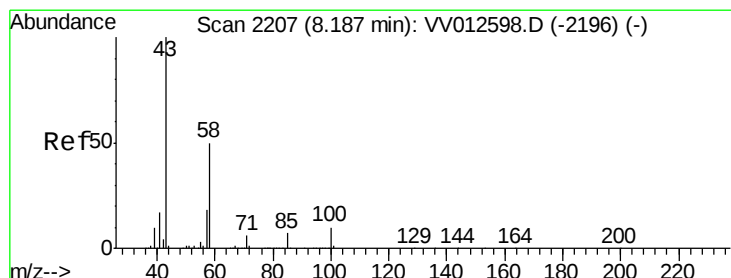
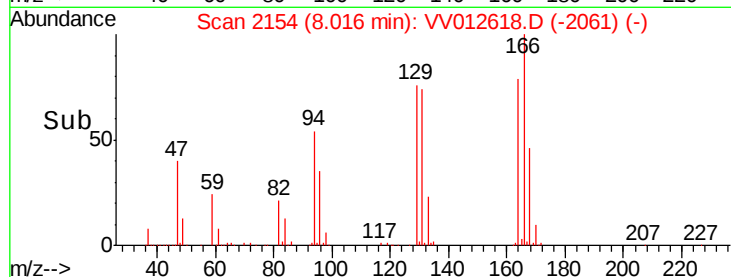
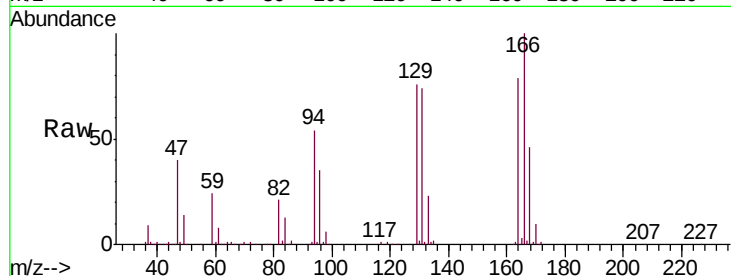
Ion Ratio Lower Upper

164 100

129 95.7 65.0 120.6

131 93.6 62.0 115.2

166 126.3 87.0 161.6



#48

2-Hexanone

Concen: 3.055 ug/L

RT: 8.19 min Scan# 2208

Delta R.T. 0.00 min

Lab File: VV012618.D

Acq: 07 Sep 2019 00:25

Tgt Ion: 43 Resp: 17917

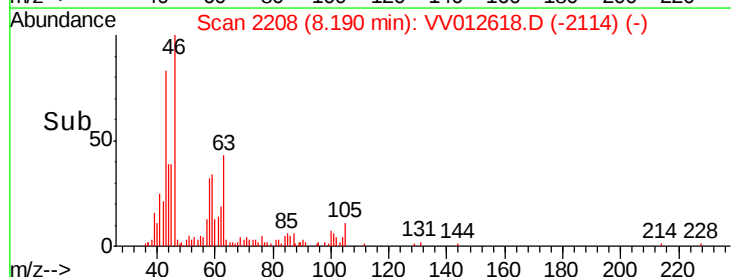
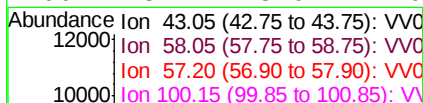
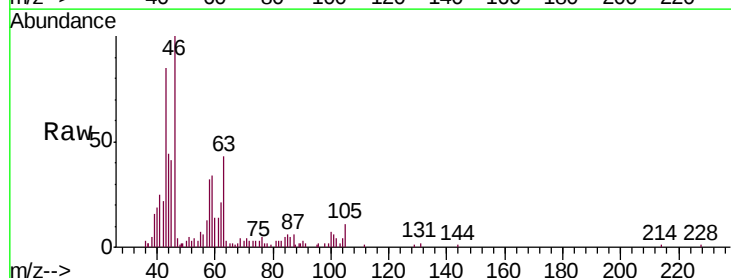
Ion Ratio Lower Upper

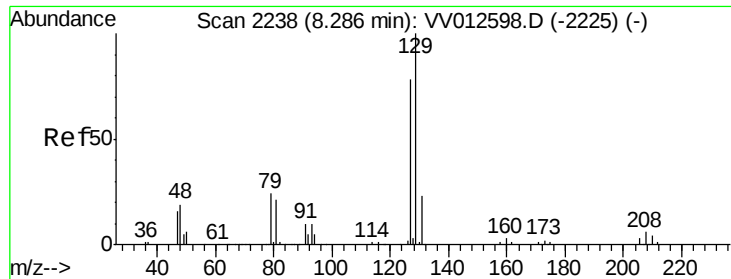
43 100

58 40.7 39.3 58.9

57 14.4 12.9 19.3

100 3.7 8.0 12.0#





#49

Dibromochloromethane

Concen: 7.274 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. -0.27 min

Lab File: VV012618.D

Acq: 07 Sep 2019 00:25

Instrument :

MSVOA_V

ClientSampleId :

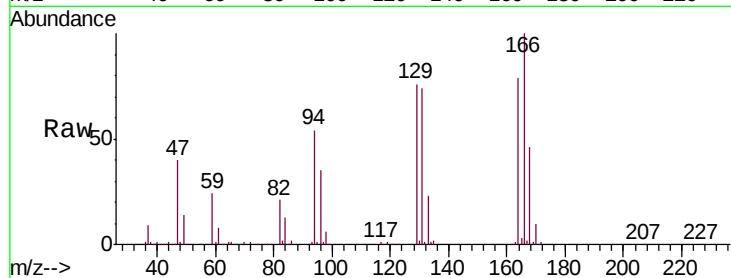
BFD79DL

Tgt Ion:129 Resp: 77937

Ion Ratio Lower Upper

129 100

127 0.2 53.0 98.4#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

