

Data File : VV013207.D
Acq On : 18 Oct 2019 17:11
Operator : SY/MD
Sample : K5321-06
Misc : 25.00ML/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0AB4

Quant Time: Oct 19 04:26:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 19 04:23:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	414076	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	438592	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	219180	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	231382	5.44	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	108.80%
7) Chloroethane-d5	1.58	69	184042	5.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.60%
11) 1,1-Dichloroethene-d2	2.13	63	277217	4.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.20%
20) 2-Butanone-d5	3.97	46	469616	53.95	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.90%
24) Chloroform-d	4.40	84	437115	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.20%
26) 1,2-Dichloroethane-d4	5.08	65	213698	5.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.60%
32) Benzene-d6	5.09	84	897269	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.20%
36) 1,2-Dichloropropane-d6	6.12	67	275030	5.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.20%
41) Toluene-d8	7.36	98	753144	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
43) trans-1,3-Dichloropropene-	7.66	79	90606	5.09	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.80%
46) 2-Hexanone-d5	8.14	63	357381	49.94	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.88%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	188590	5.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	306729	6.60	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	132.00%#

Target Compounds

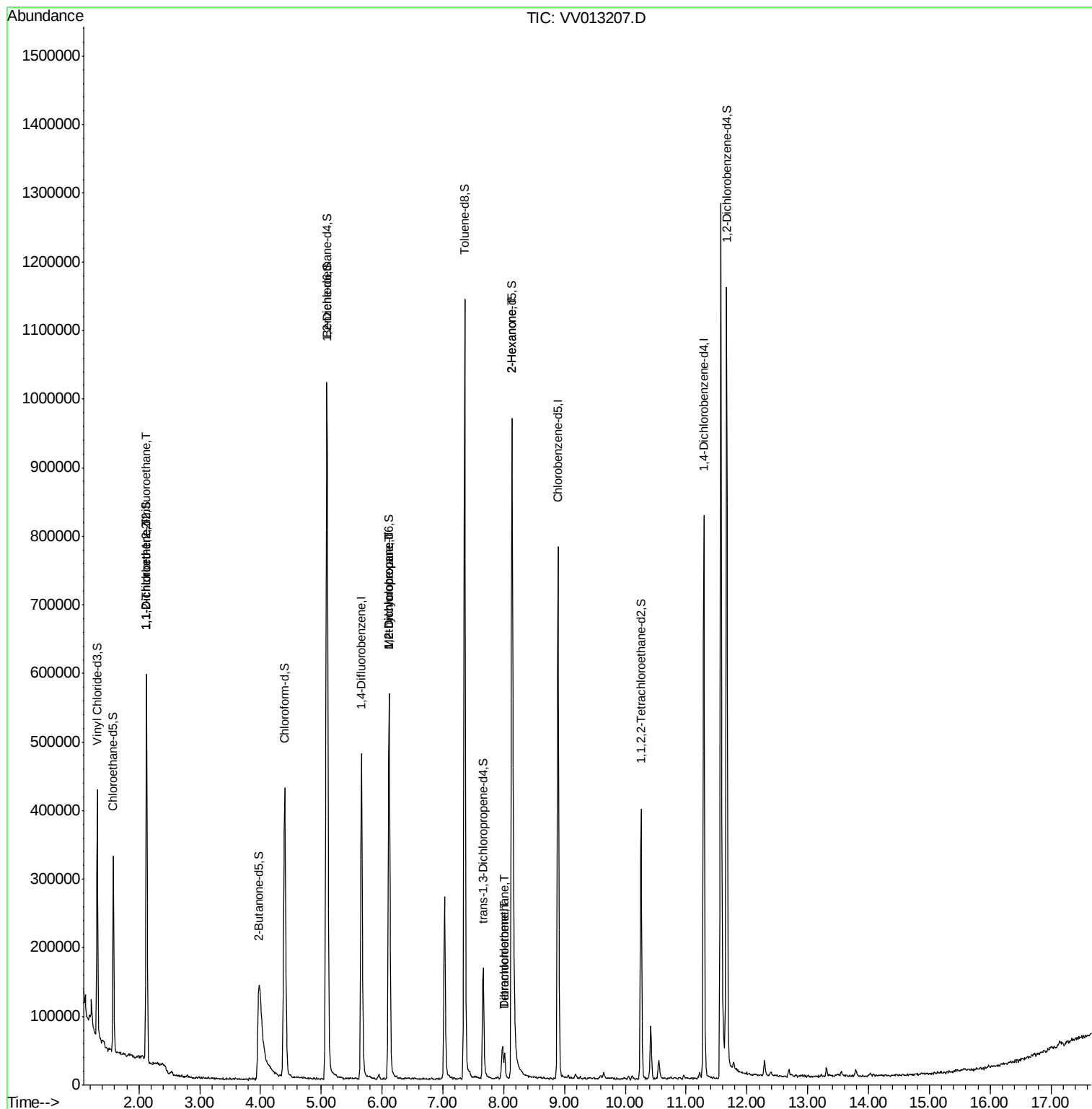
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2865	0.082	ug/L #	23
12) 1,1-Dichloroethene	2.12	96	2627	0.079	ug/L #	1
35) Methylcyclohexane	6.12	83	65690	0.935	ug/L #	17
37) 1,2-Dichloropropane	6.12	63	29379	0.674	ug/L #	88
47) Tetrachloroethene	8.01	164	8886	0.222	ug/L	93
48) 2-Hexanone	8.14	43	51586	3.031	ug/L #	82
49) Dibromochloromethane	8.02	129	7448	0.208	ug/L #	11

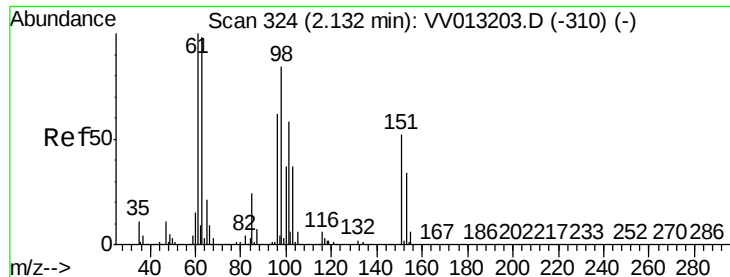
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.082 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV013207.D

Acq: 18 Oct 2019 17:11

Instrument :

MSVOA_V

ClientSampleId :

E0AB4

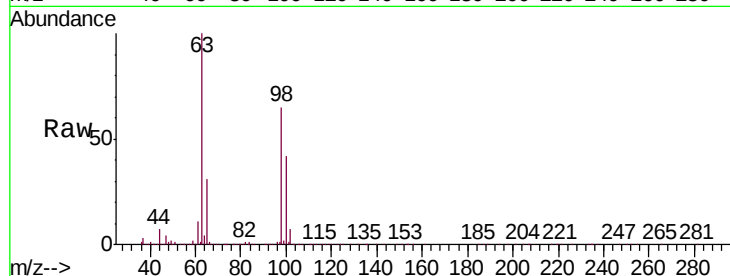
Tgt Ion: 101 Resp: 2865

Ion Ratio Lower Upper

101 100

85 0.8 32.4 48.6#

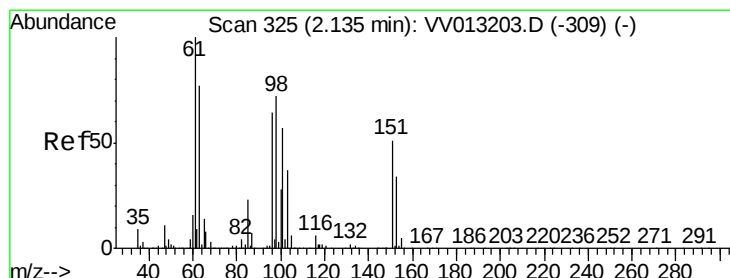
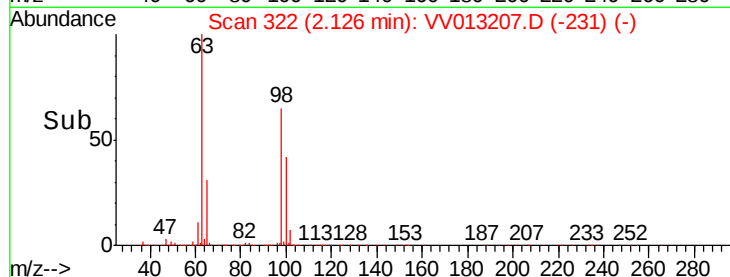
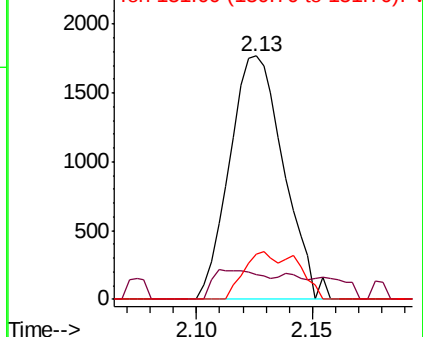
151 12.0 71.9 107.9#



Abundance Ion 101.00 (100.70 to 101.70): VV013207.D (-231) (-)

Ion 85.00 (84.70 to 85.70): VV013207.D (-231) (-)

Ion 151.00 (150.70 to 151.70): VV013207.D (-231) (-)



#12

1,1-Dichloroethene

Concen: 0.079 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV013207.D

Acq: 18 Oct 2019 17:11

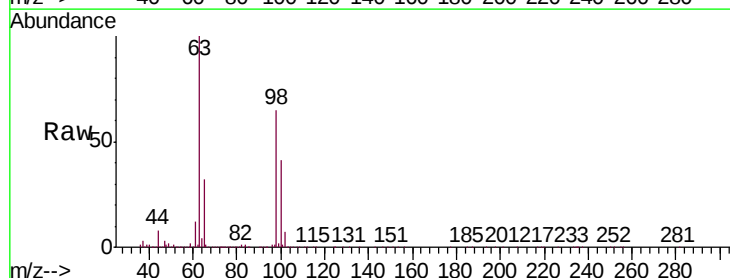
Tgt Ion: 96 Resp: 2627

Ion Ratio Lower Upper

96 100

61 1046.5 109.8 204.0#

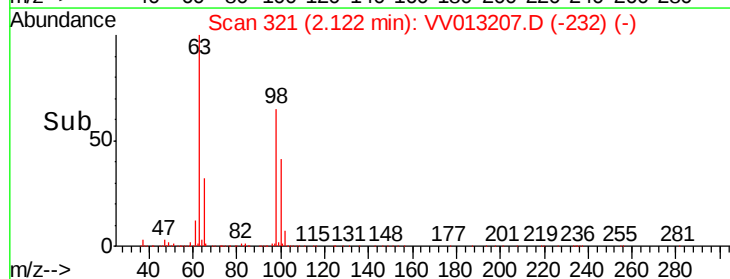
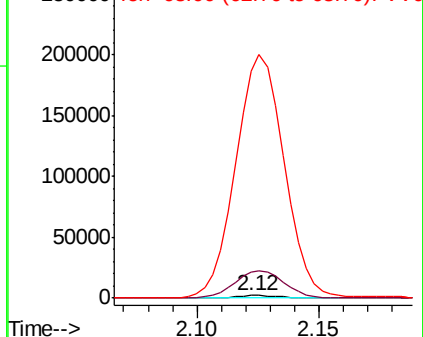
63 9013.3 72.6 134.8#

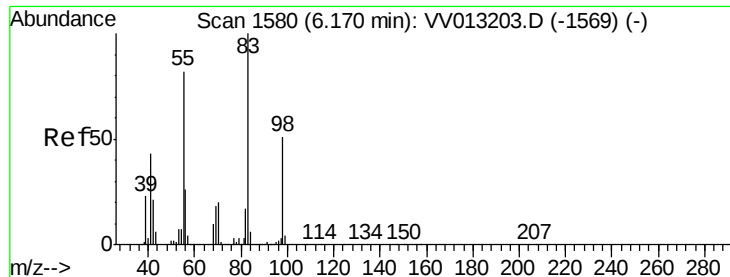


Abundance Ion 96.00 (95.70 to 96.70): VV013207.D (-232) (-)

Ion 61.05 (60.75 to 61.75): VV013207.D (-232) (-)

Ion 63.00 (62.70 to 63.70): VV013207.D (-232) (-)





#35

Methylcyclohexane

Concen: 0.935 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.05 min

Lab File: VV013207.D

Acq: 18 Oct 2019 17:11

Instrument :

MSVOA_V

ClientSampleId :

E0AB4

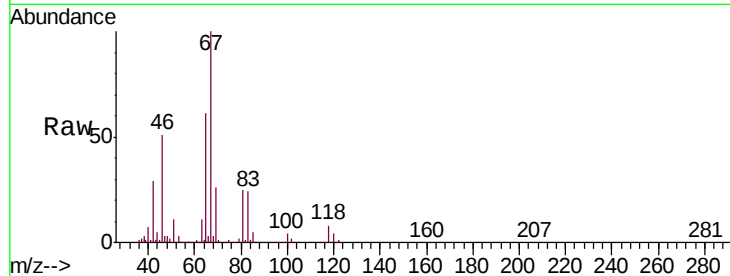
Tgt Ion: 83 Resp: 65690

Ion Ratio Lower Upper

83 100

55 0.6 64.0 96.0#

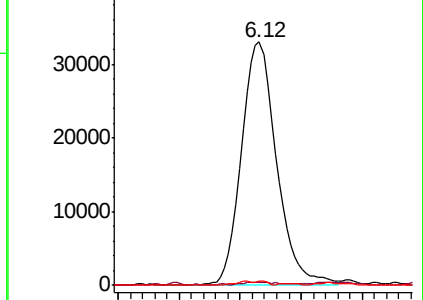
98 0.5 38.6 57.8#



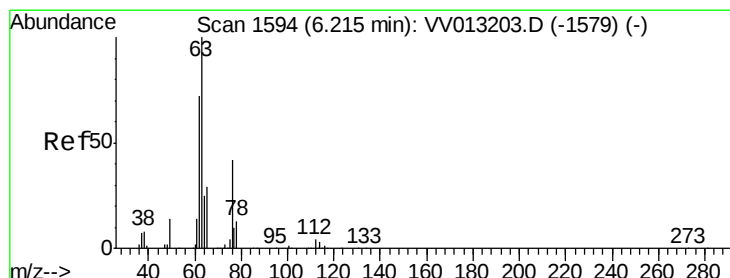
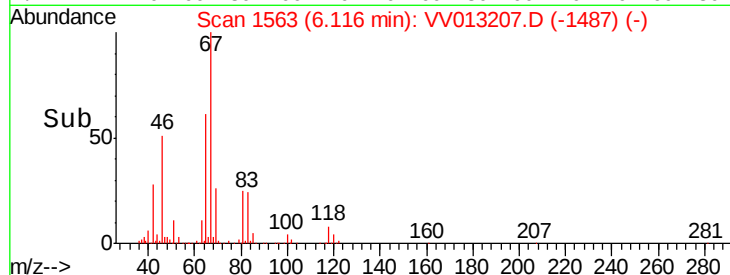
Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0



Time-->



#37

1,2-Dichloropropane

Concen: 0.674 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV013207.D

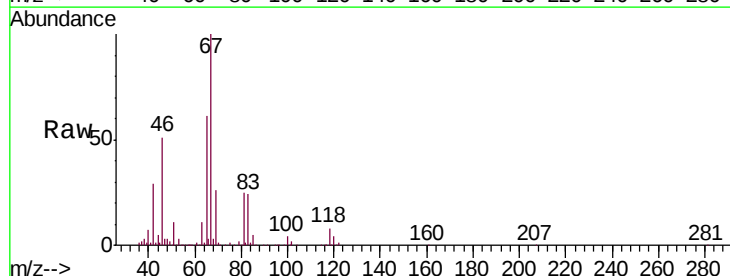
Acq: 18 Oct 2019 17:11

Tgt Ion: 63 Resp: 29379

Ion Ratio Lower Upper

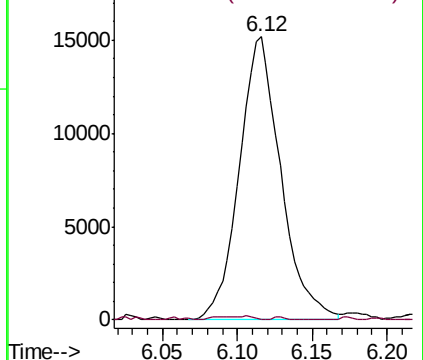
63 100

112 0.7 3.8 5.8#

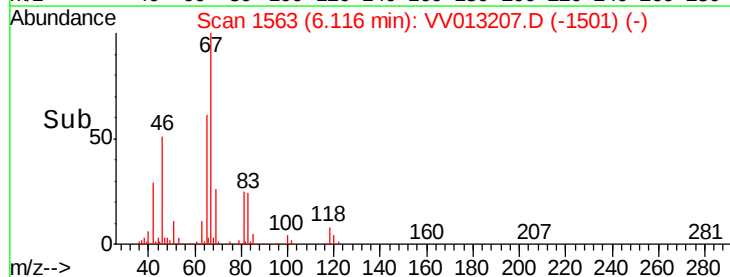


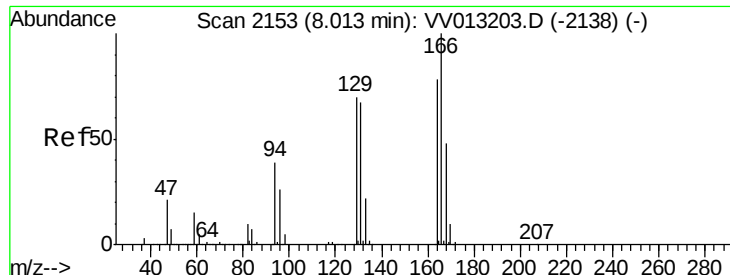
Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V



Time-->





#47

Tetrachloroethene

Concen: 0.222 ug/L

RT: 8.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VV013207.D

Acq: 18 Oct 2019 17:11

Instrument :

MSVOA_V

ClientSampleId :

E0AB4

Tgt Ion:164 Resp: 8886

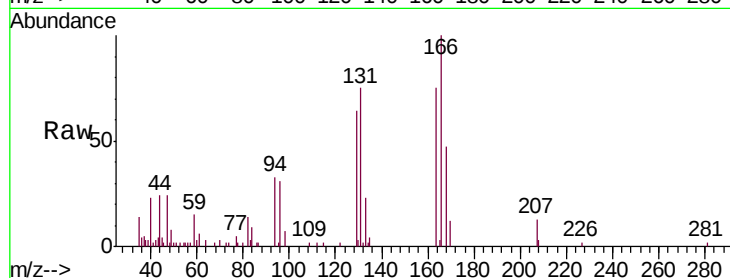
Ion Ratio Lower Upper

164 100

129 85.7 62.2 115.4

131 100.3 59.9 111.3

166 133.9 91.1 169.1

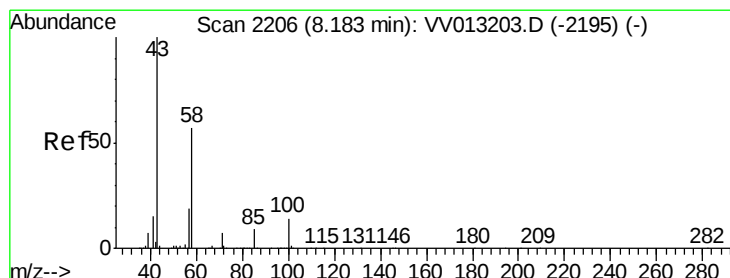
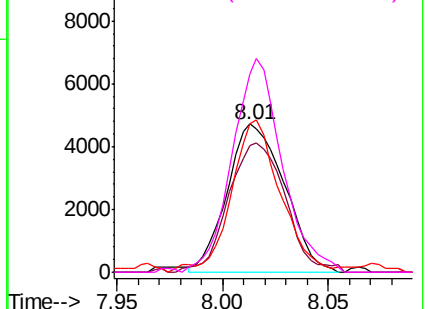
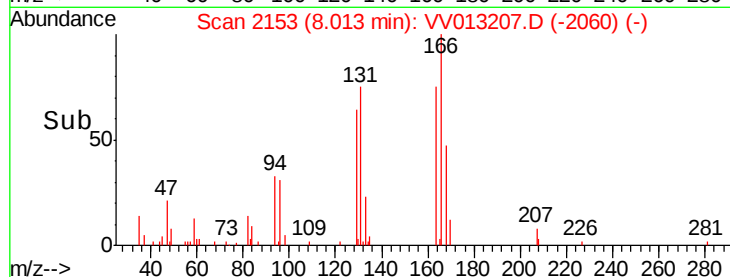


Abundance Ion 163.90 (163.60 to 164.60): V

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: 3.031 ug/L

RT: 8.14 min Scan# 2191

Delta R.T. -0.05 min

Lab File: VV013207.D

Acq: 18 Oct 2019 17:11

Tgt Ion: 43 Resp: 51586

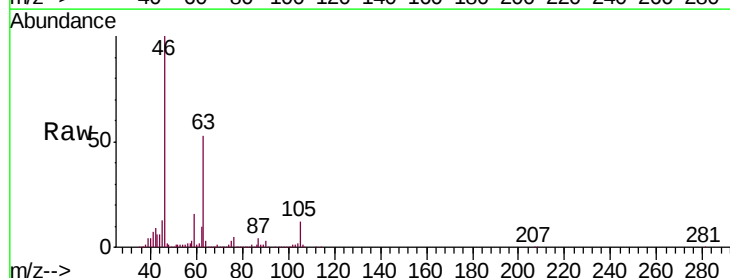
Ion Ratio Lower Upper

43 100

58 45.4 44.2 66.2

57 30.7 14.5 21.7#

100 3.3 9.5 14.3#

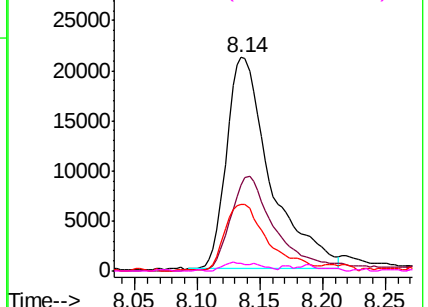
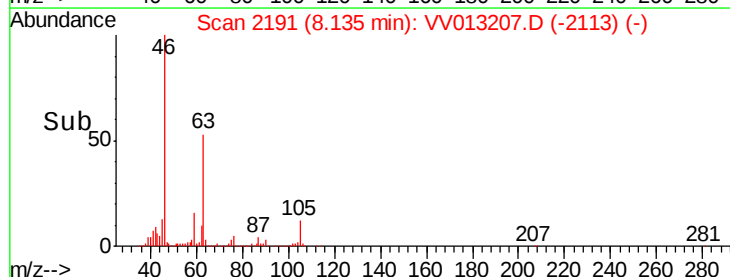


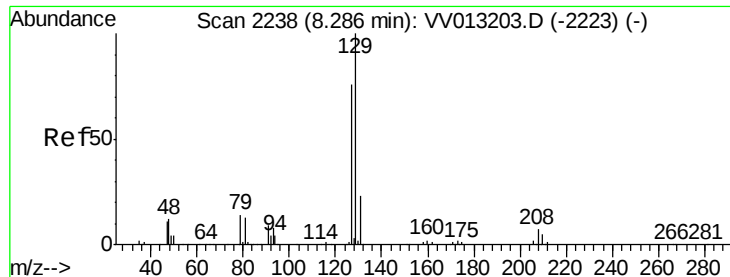
Abundance Ion 43.05 (42.75 to 43.75): VV0

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: 0.208 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. -0.27 min

Lab File: VV013207.D

Acq: 18 Oct 2019 17:11

Instrument :

MSVOA_V

ClientSampleId :

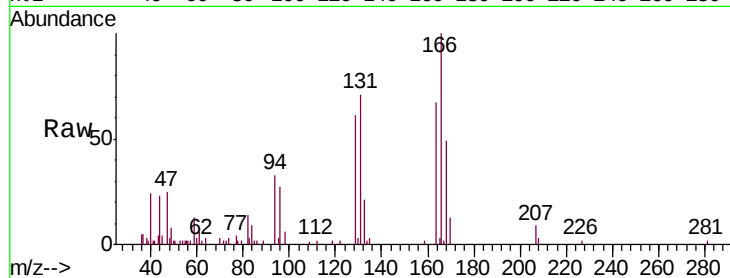
E0AB4

Tgt Ion:129 Resp: 7448

Ion Ratio Lower Upper

129 100

127 0.0 53.2 98.8#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

