

Data File : VV008606.D
Acq On : 17 Nov 2018 01:54
Operator : SY/MD
Sample : J5947-07
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9C07

Quant Time: Nov 17 05:46:16 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 17 05:41:19 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	158042	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	145393	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	62997	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	33953	4.84	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.80%
7) Chloroethane-d5	1.59	69	27923	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.60%
11) 1,1-Dichloroethene-d2	2.14	63	50363	3.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.80%
20) 2-Butanone-d5	3.97	46	121808	48.49	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.98%
24) Chloroform-d	4.41	84	87381	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
26) 1,2-Dichloroethane-d4	5.09	65	46456	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
32) Benzene-d6	5.10	84	183215	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
36) 1,2-Dichloropropane-d6	6.12	67	57571	4.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.20%
41) Toluene-d8	7.36	98	164303	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
43) trans-1,3-Dichloropropene-	7.67	79	18527	3.97	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.40%
46) 2-Hexanone-d5	8.14	63	98090	46.42	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.84%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	38616	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	56733	4.99	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.80%

Target Compounds

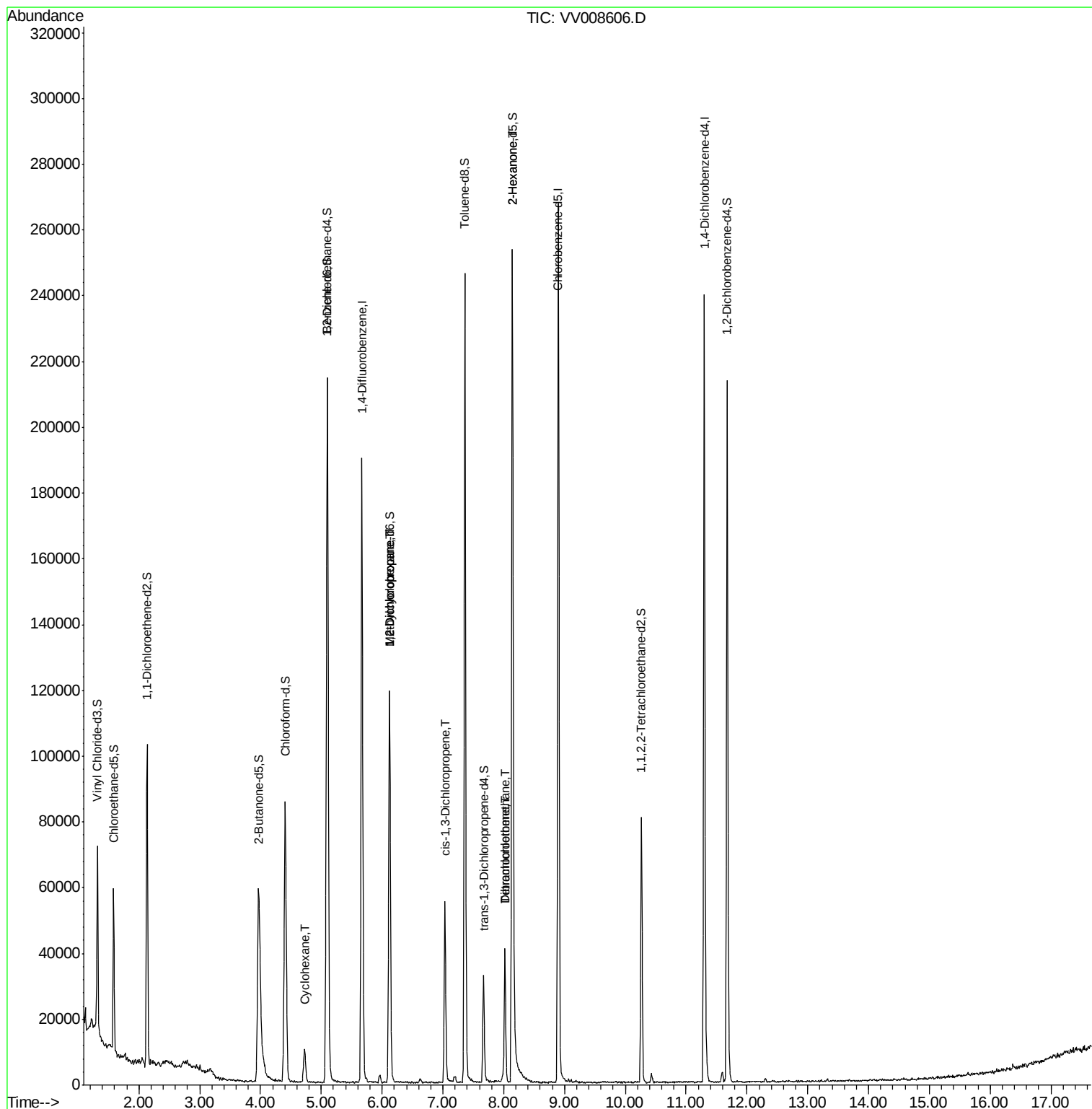
					Qvalue
30) Cyclohexane	4.72	56	5946	0.291 ug/L	97
35) Methylcyclohexane	6.12	83	13721	0.665 ug/L #	17
37) 1,2-Dichloropropane	6.12	63	6169	0.509 ug/L #	89
39) cis-1,3-Dichloropropene	7.03	75	1291	0.079 ug/L	90
47) Tetrachloroethene	8.02	164	8931	1.013 ug/L	96
48) 2-Hexanone	8.14	43	13391	2.798 ug/L #	74
49) Dibromochloromethane	8.02	129	8419	0.960 ug/L #	10

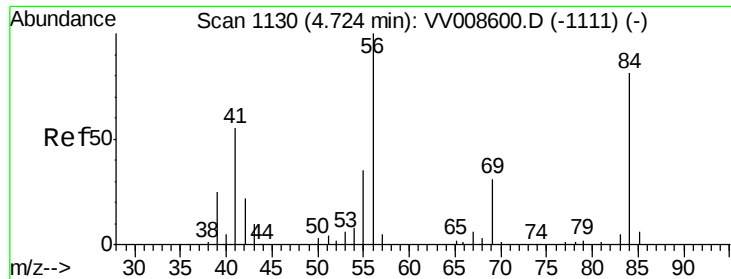
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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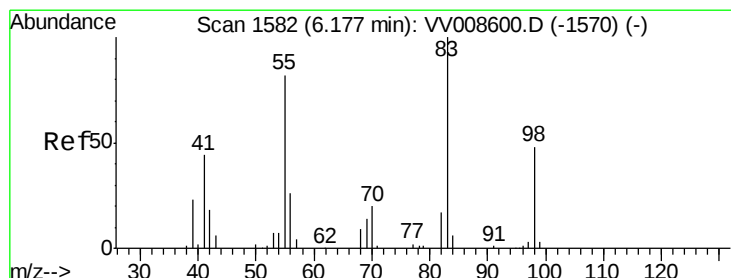
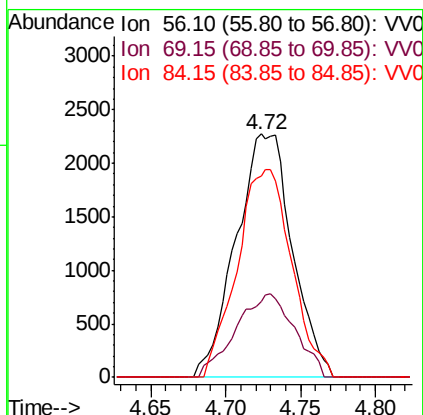
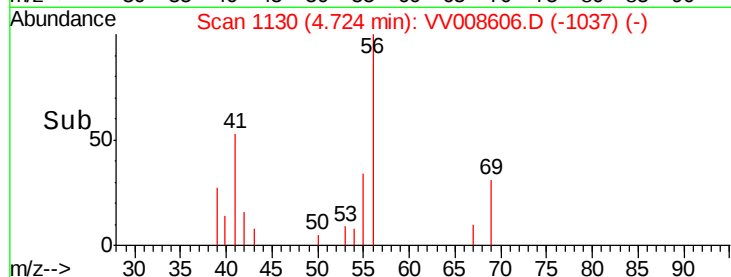
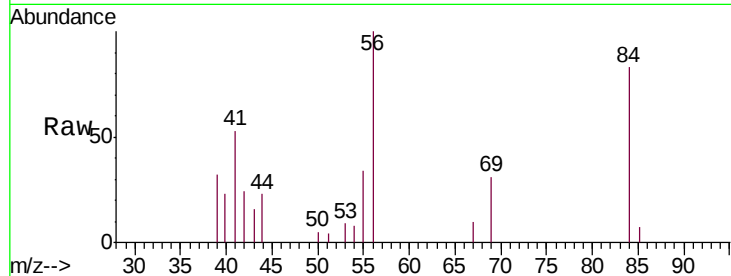




#30
Cyclohexane
Concen: 0.291 ug/L
RT: 4.72 min Scan# 1130
Delta R.T. -0.00 min
Lab File: VV008606.D
Acq: 17 Nov 2018 01:54

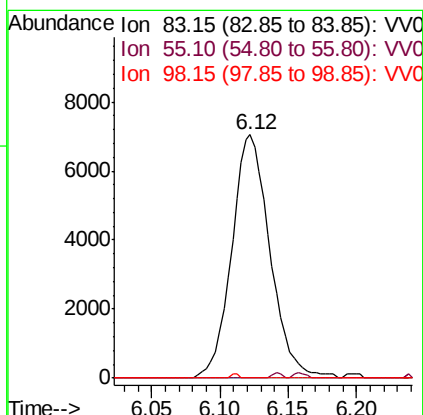
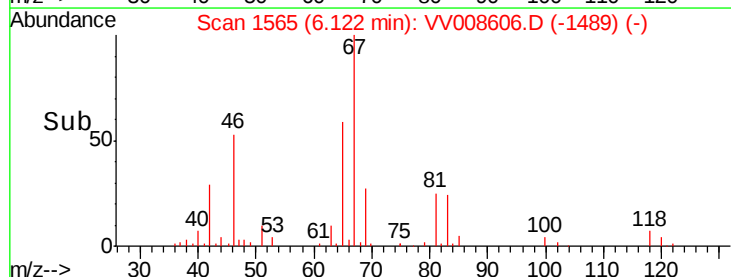
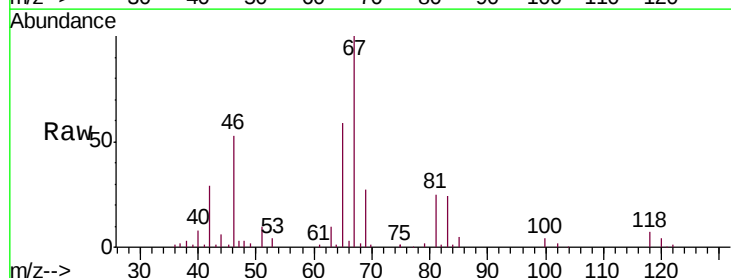
Instrument :
MSVOA_V
ClientSampleId :
F9C07

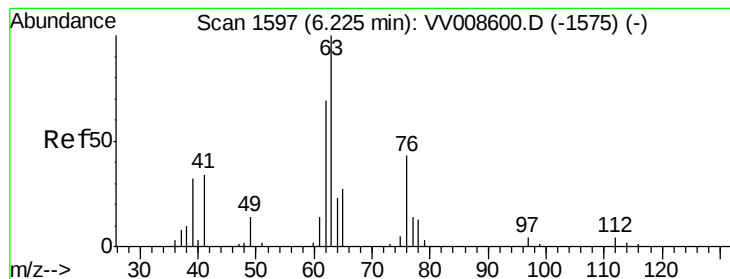
Tgt Ion: 56 Resp: 5946
Ion Ratio Lower Upper
56 100
69 35.8 24.2 36.4
84 82.8 65.7 98.5



#35
Methylcyclohexane
Concen: 0.665 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV008606.D
Acq: 17 Nov 2018 01:54

Tgt Ion: 83 Resp: 13721
Ion Ratio Lower Upper
83 100
55 0.5 65.6 98.4#
98 0.3 36.4 54.6#





#37

1,2-Dichloropropane

Concen: 0.509 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.11 min

Lab File: VV008606.D

Acq: 17 Nov 2018 01:54

Instrument :

MSVOA_V

ClientSampleId :

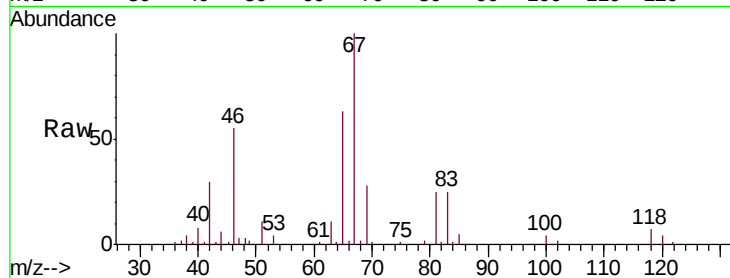
F9C07

Tgt Ion: 63 Resp: 6169

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#



Abundance Ion 63.10 (62.80 to 63.80): VV008606.D (-1575) (-)

Ion 112.10 (111.80 to 112.80): VV008606.D (-1575) (-)

6.12

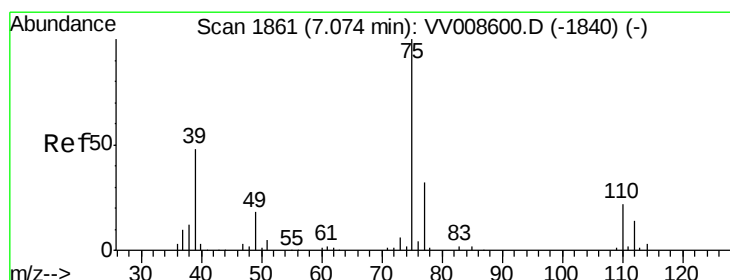
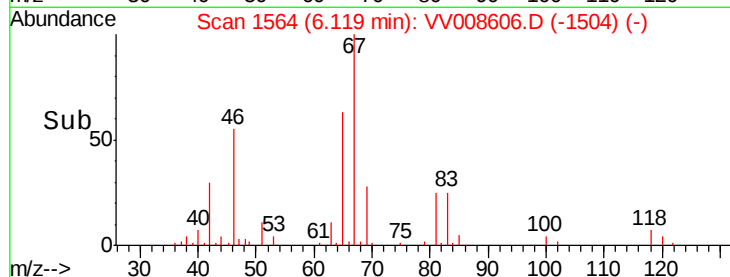
3000

2000

1000

0

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.079 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV008606.D

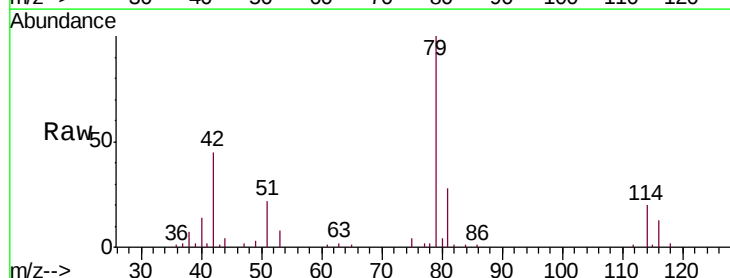
Acq: 17 Nov 2018 01:54

Tgt Ion: 75 Resp: 1291

Ion Ratio Lower Upper

75 100

77 38.4 23.0 42.8



Abundance Ion 75.05 (74.75 to 75.75): VV008606.D (-1768) (-)

Ion 77.05 (76.75 to 77.75): VV008606.D (-1768) (-)

7.03

800

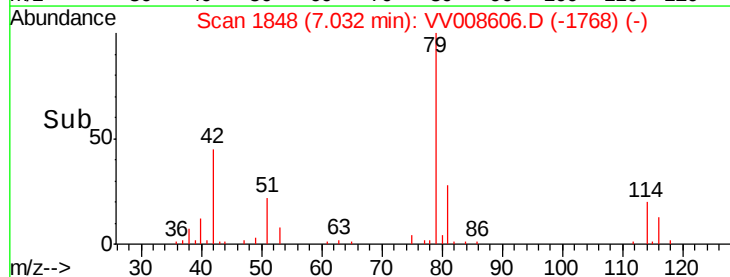
600

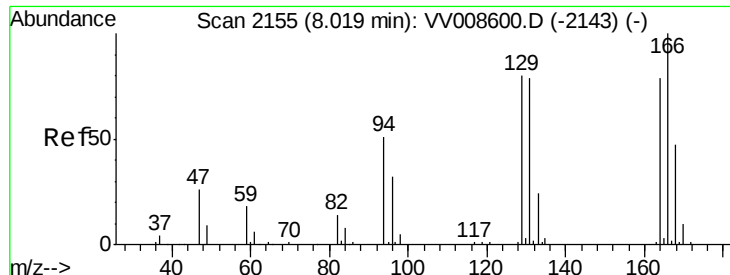
400

200

0

Time-->





#47

Tetrachloroethene

Concen: 1.013 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. 0.00 min

Lab File: VV008606.D

Acq: 17 Nov 2018 01:54

Instrument :
MSVOA_V
ClientSampleId :
F9C07

Tgt Ion: 164 Resp: 8931

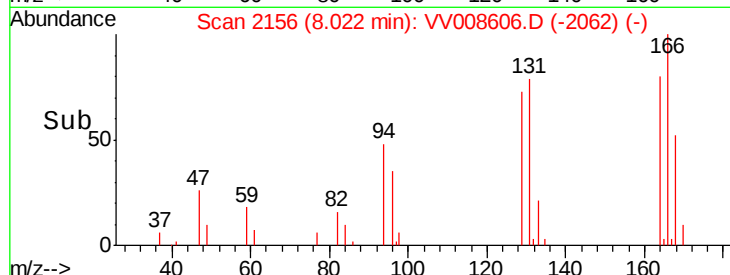
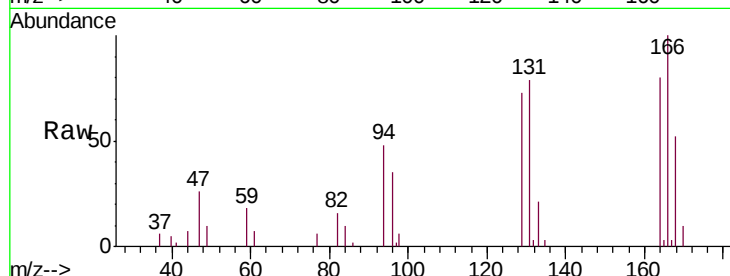
Ion Ratio Lower Upper

164 100

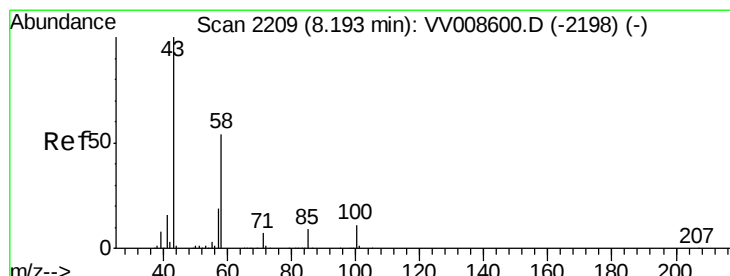
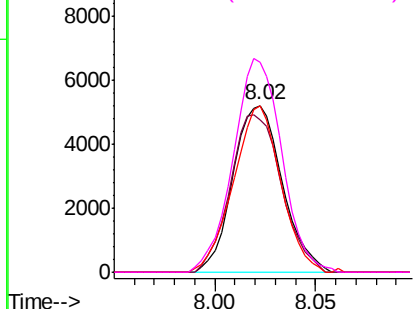
129 91.7 67.5 125.4

131 99.7 66.4 123.4

166 125.8 85.8 159.3



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: 2.798 ug/L

RT: 8.14 min Scan# 2192

Delta R.T. -0.05 min

Lab File: VV008606.D

Acq: 17 Nov 2018 01:54

Tgt Ion: 43 Resp: 13391

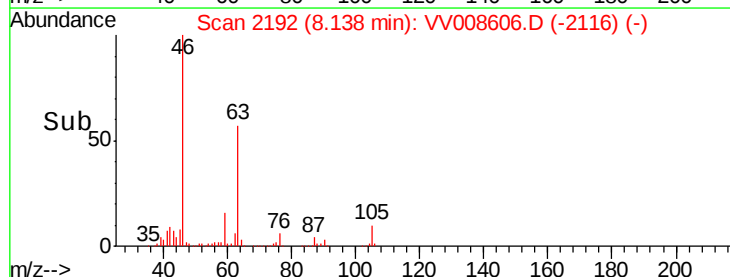
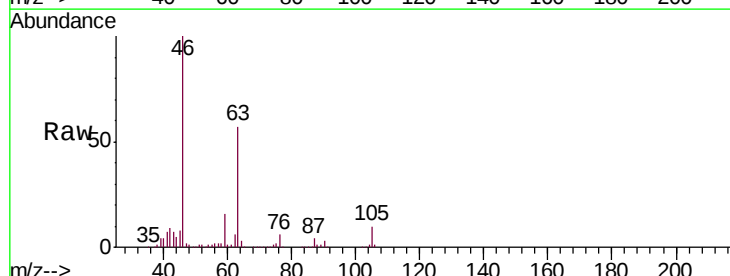
Ion Ratio Lower Upper

43 100

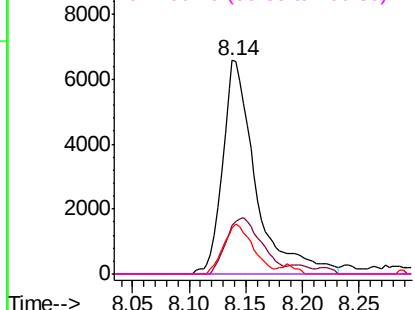
58 28.2 41.8 62.8#

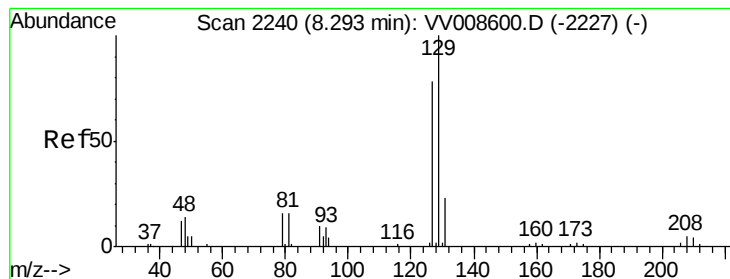
57 20.9 15.4 23.0

100 0.0 8.7 13.1#



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: 0.960 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.27 min

Lab File: VV008606.D

Acq: 17 Nov 2018 01:54

Instrument :

MSVOA_V

ClientSampleId :

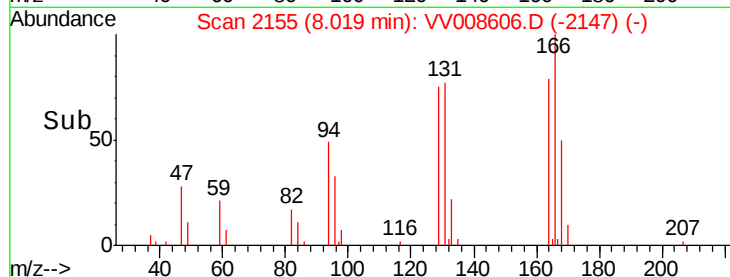
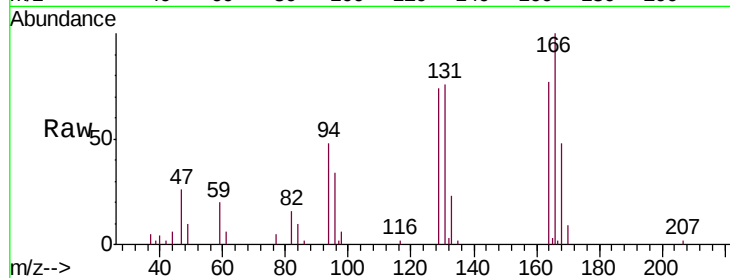
F9C07

Tgt Ion:129 Resp: 8419

Ion Ratio Lower Upper

129 100

127 0.0 54.6 101.4#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

