

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081920\
 Data File : VV018060.D
 Acq On : 19 Aug 2020 12:51
 Operator : SY/MD
 Sample : L3709-13ME 10X
 Misc : 7.10g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFWQ6ME

Quant Time: Aug 20 04:33:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 20 04:32:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	275142	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	268951	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	129095	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	77921	37.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.24%
7) Chloroethane-d5	1.57	69	63826	37.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.32%
11) 1,1-Dichloroethene-d2	2.12	63	119613	29.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.58%#
21) 2-Butanone-d5	3.90	46	111589	81.16	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.16%
24) Chloroform-d	4.37	84	154948	40.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.10%
26) 1,2-Dichloroethane-d4	5.06	65	105607	42.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.10%
32) Benzene-d6	5.07	84	299054	40.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.70%
36) 1,2-Dichloropropane-d6	6.09	67	101336	41.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.64%
41) Toluene-d8	7.34	98	257120	38.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.14%#
43) trans-1,3-Dichloropropene-	7.64	79	44841	40.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.60%
47) 2-Hexanone-d5	8.11	63	55437	71.29	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	71.29%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	123738	39.21	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	78.42%
64) 1,2-Dichlorobenzene-d4	11.65	152	114455	45.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.10%

Target Compounds

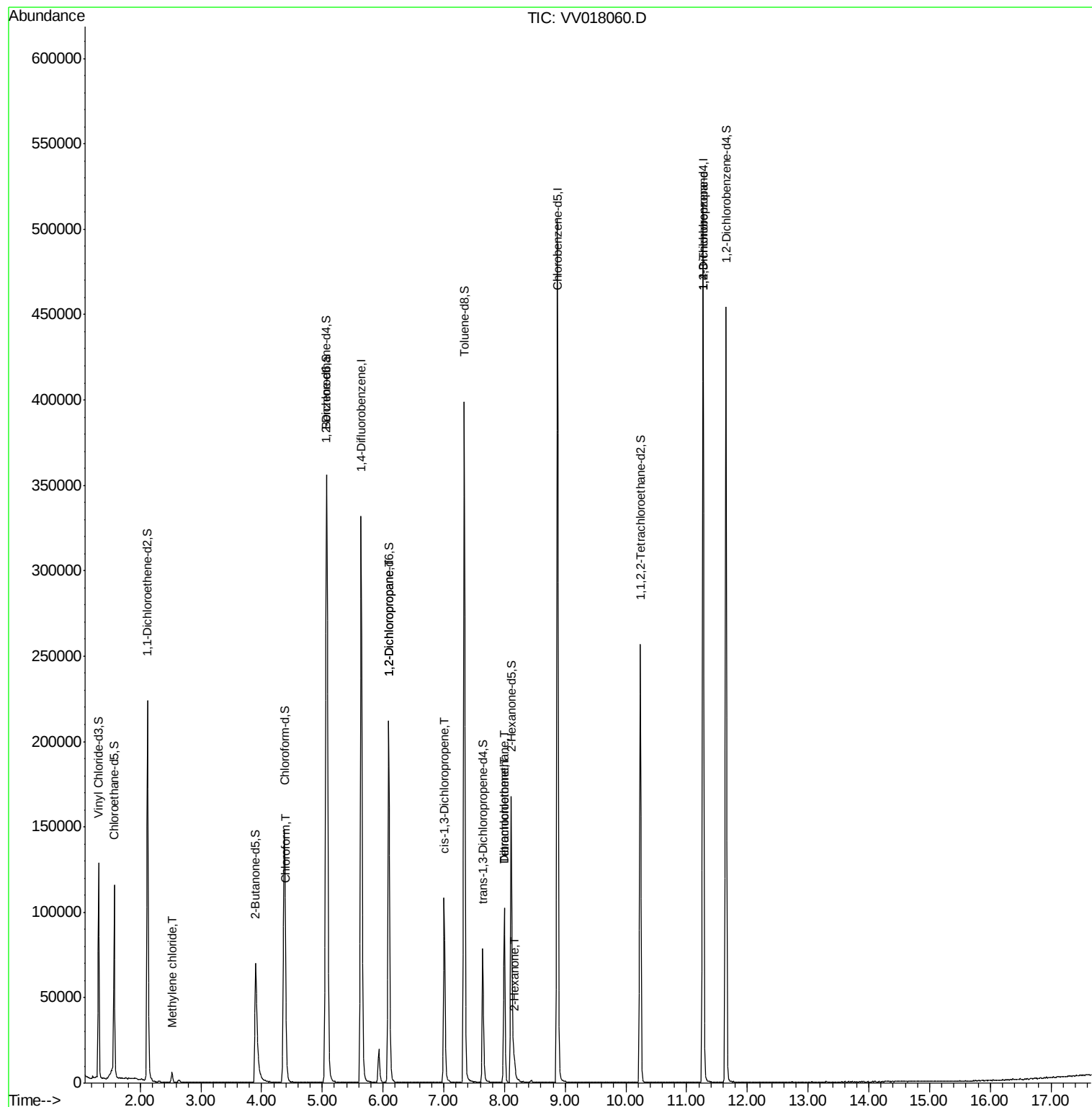
					Ovalue
16) Methylene chloride	2.52	84	2269	0.965 ug/L	94
25) Chloroform	4.40	83	4842	1.244 ug/L	97
37) 1,2-Dichloropropane	6.09	63	11077	4.881 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	2485	0.772 ug/L #	53
46) Tetrachloroethene	8.00	164	22989	14.252 ug/L	99
48) 2-Hexanone	8.17	43	6332	2.647 ug/L #	54
49) Dibromochloromethane	8.00	129	20918	10.198 ug/L #	10
59) 1,2,3-Trichloropropane	11.27	75	15139	5.402 ug/L	93

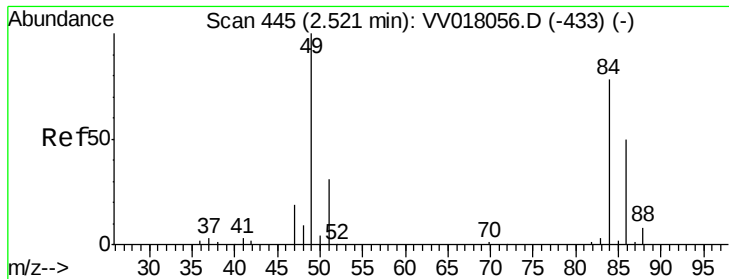
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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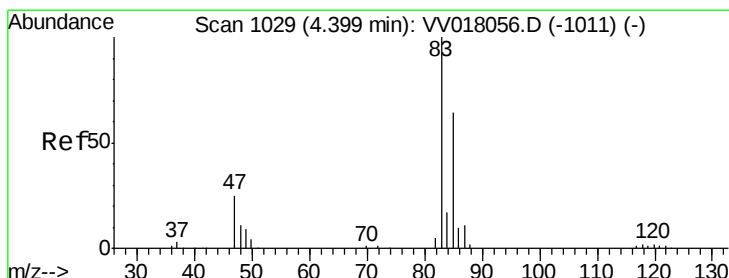
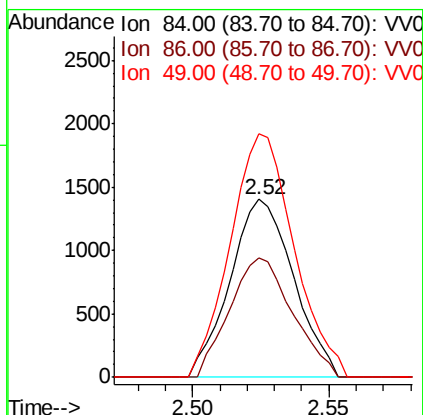
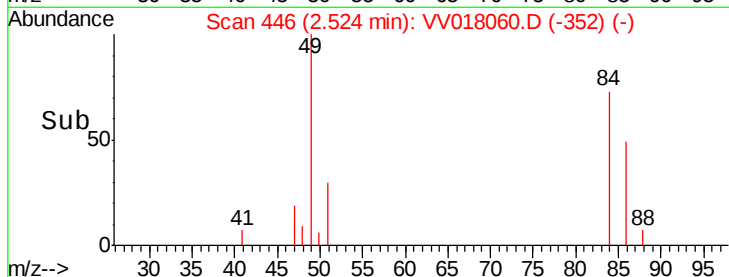
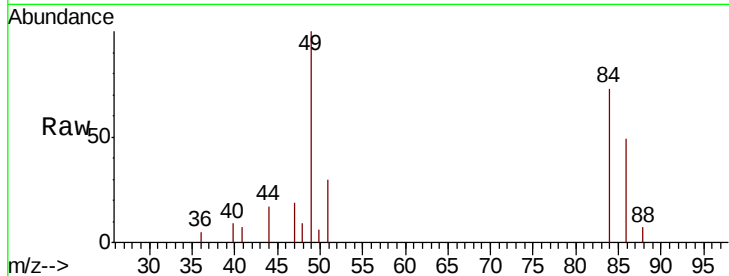




#16
Methvlene chloride
Concen: 0.965 ug/L
RT: 2.52 min Scan# 446
Delta R.T. 0.00 min
Lab File: VV018060.D
Acq: 19 Aug 2020 12:51

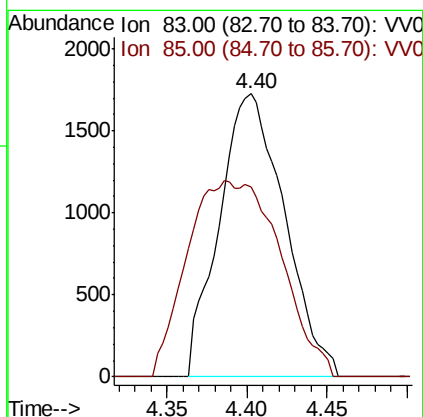
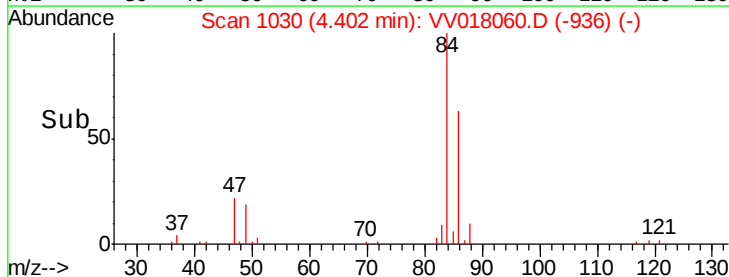
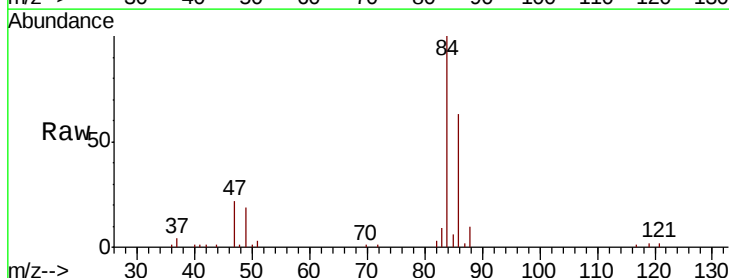
Instrument :
MSVOA_V
ClientSampleId :
BFWQ6ME

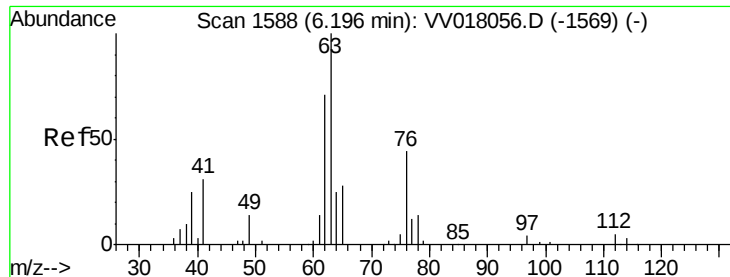
Tot Ion: 84 Resp: 2269
Ion Ratio Lower Upper
84 100
86 67.2 46.3 85.9
49 137.0 89.7 166.5



#25
Chloroform
Concen: 1.244 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VV018060.D
Acq: 19 Aug 2020 12:51

Tgt Ion: 83 Resp: 4842
Ion Ratio Lower Upper
83 100
85 67.2 45.5 84.5





#37

1,2-Dichloropropane

Concen: 4.881 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.10 min

Lab File: VV018060.D

Acq: 19 Aug 2020 12:51

Instrument :

MSVOA_V

ClientSampleId :

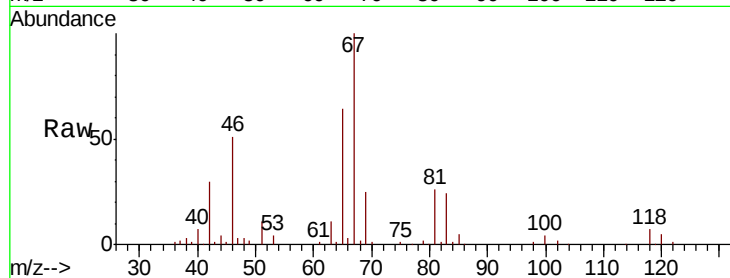
BFWQ6ME

Tot Ion: 63 Resp: 11077

Ion Ratio Lower Upper

63 100

112 0.0 3.5 5.3#



Abundance Ion 63.00 (62.70 to 63.70): VV018056.D (-1569) (-)

Ion 112.00 (111.70 to 112.70): VV018056.D (-1569) (-)

6000

5000

4000

3000

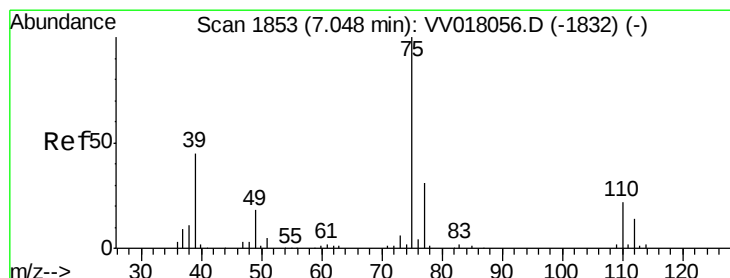
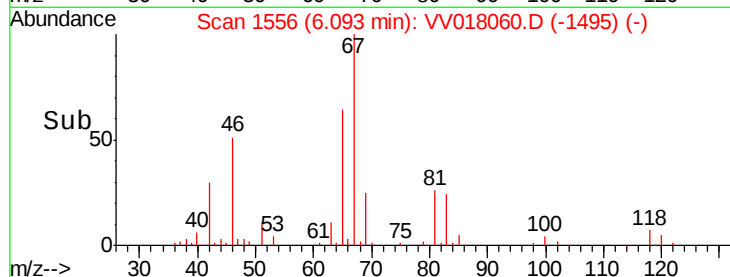
2000

1000

0

6.05 6.10 6.15

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.772 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV018060.D

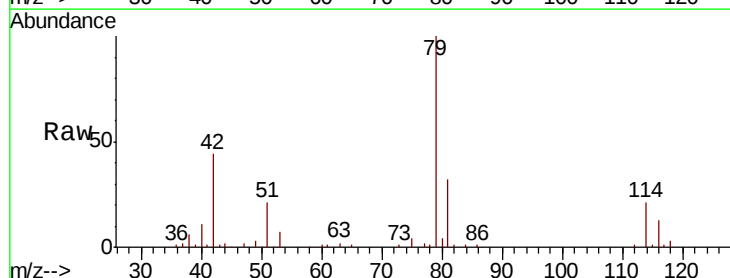
Acq: 19 Aug 2020 12:51

Tgt Ion: 75 Resp: 2485

Ion Ratio Lower Upper

75 100

77 57.9 22.3 41.5#



Abundance Ion 75.00 (74.70 to 75.70): VV018056.D (-1832) (-)

Ion 77.00 (76.70 to 77.70): VV018056.D (-1832) (-)

1500

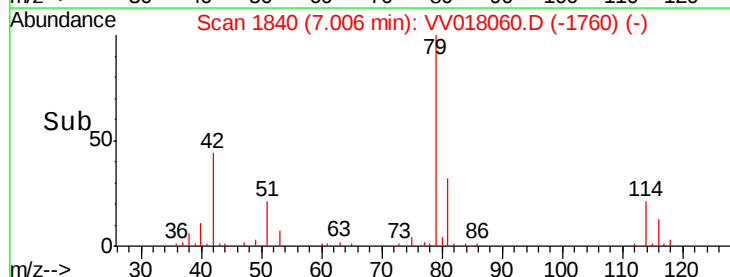
1000

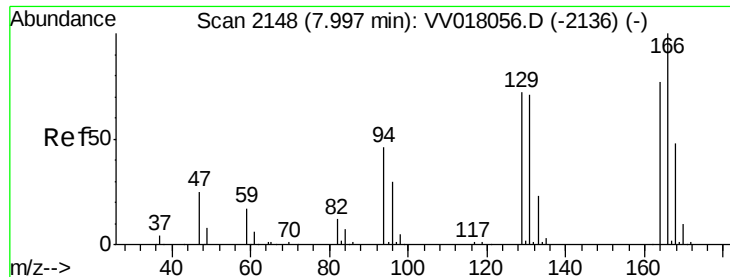
500

0

6.95 7.00 7.05

Time-->





#46

Tetrachloroethene

Concen: 14.252 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV018060.D

Acq: 19 Aug 2020 12:51

Instrument :

MSVOA_V

ClientSampled :

BFWQ6ME

Tot Ion:164 Resp: 22989

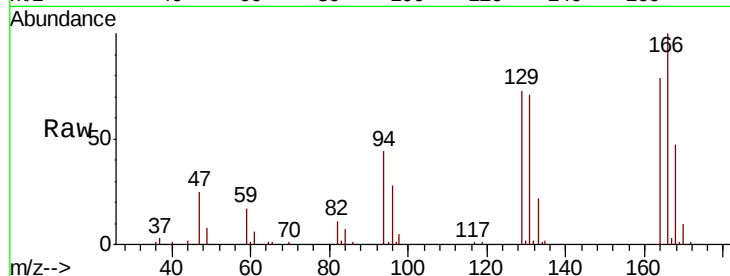
Ion Ratio Lower Upper

164 100

129 92.6 64.8 120.3

131 89.8 64.5 119.9

166 127.3 88.9 165.1

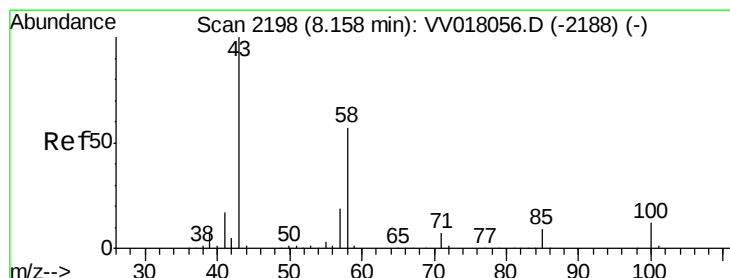
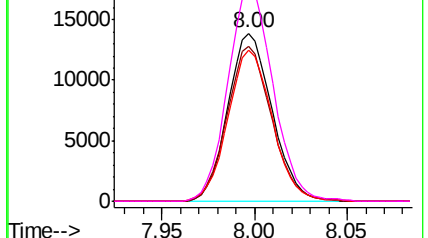
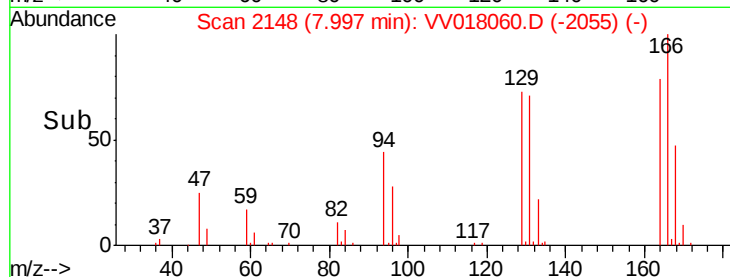


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#48

2-Hexanone

Concen: 2.647 ug/L

RT: 8.17 min Scan# 2201

Delta R.T. 0.01 min

Lab File: VV018060.D

Acq: 19 Aug 2020 12:51

Tgt Ion: 43 Resp: 6332

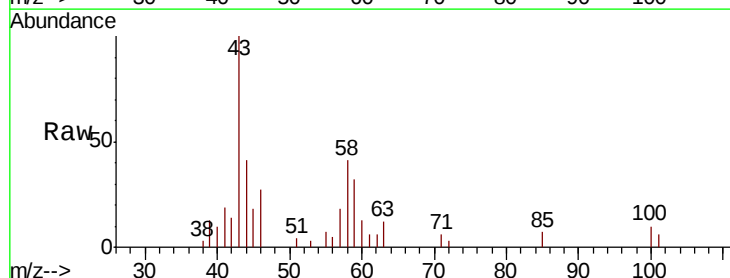
Ion Ratio Lower Upper

43 100

58 6.9 44.4 66.6#

57 14.2 15.2 22.8#

100 8.6 9.8 14.6#

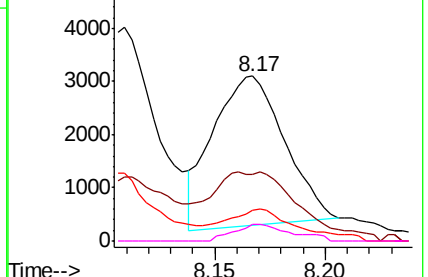
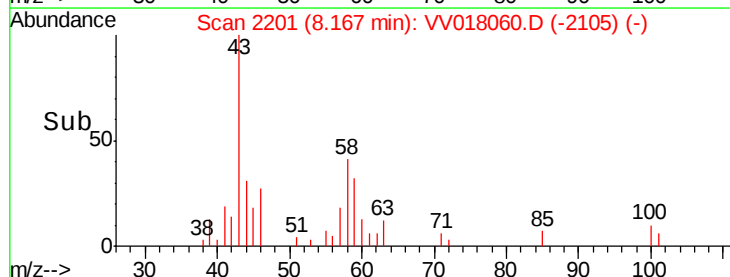


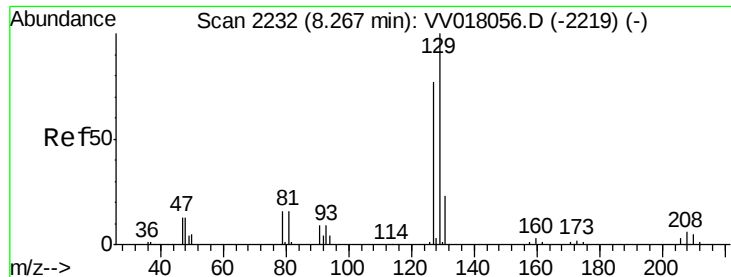
Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0





#49

Dibromochloromethane

Concen: 10.198 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.27 min

Lab File: VV018060.D

Acq: 19 Aug 2020 12:51

Instrument :

MSVOA_V

ClientSampled :

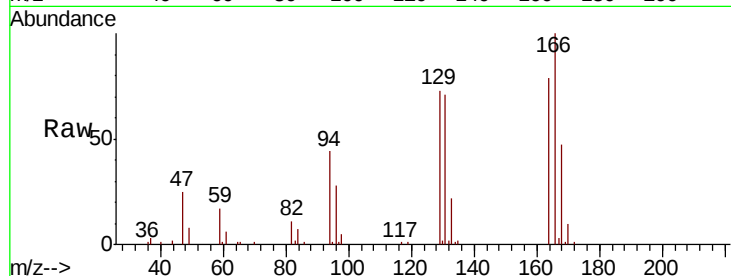
BFWQ6ME

Tot Ion:129 Resp: 20918

Ion Ratio Lower Upper

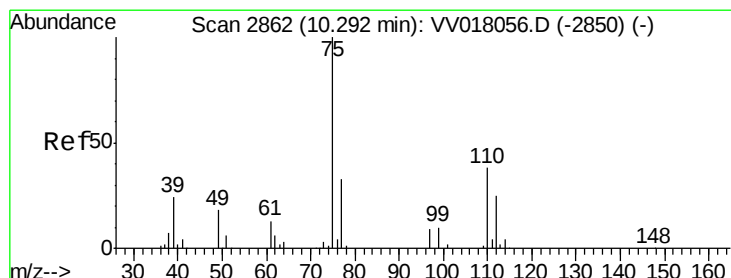
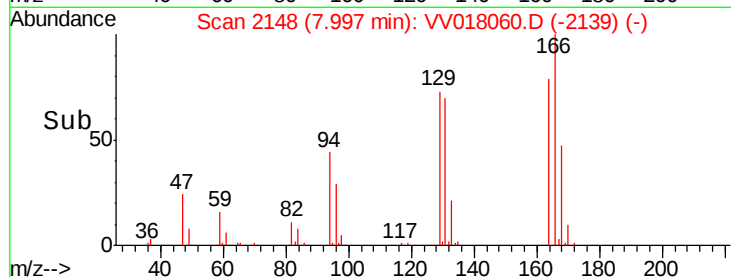
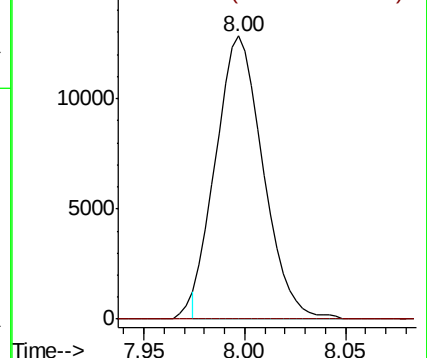
129 100

127 0.0 54.9 101.9#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#59

1,2,3-Trichloropropane

Concen: 5.402 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018060.D

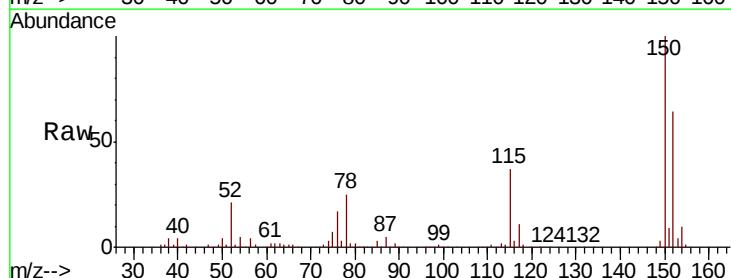
Acq: 19 Aug 2020 12:51

Tgt Ion: 75 Resp: 15139

Ion Ratio Lower Upper

75 100

77 35.9 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

