

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061720\
 Data File : VV016964.D
 Acq On : 17 Jun 2020 17:08
 Operator : SY/MD
 Sample : L3038-04
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

Quant Time: Jun 18 01:50:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 18 01:31:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	195581	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	186617	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	93195	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	56427	4.81	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.20%
7) Chloroethane-d5	1.58	69	46553	5.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.00%
11) 1,1-Dichloroethene-d2	2.12	63	85241	3.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.40%
20) 2-Butanone-d5	3.93	46	159019	53.15	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.30%
24) Chloroform-d	4.38	84	119354	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
26) 1,2-Dichloroethane-d4	5.06	65	68876	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
32) Benzene-d6	5.07	84	245183	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
36) 1,2-Dichloropropane-d6	6.09	67	72230	4.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.60%
41) Toluene-d8	7.34	98	219455	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
45) trans-1,3-Dichloropropene-	7.64	79	27767	4.60	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.00%
48) 2-Hexanone-d5	8.11	63	100130	43.53	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.06%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	45461	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	86099	5.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.00%

Target Compounds

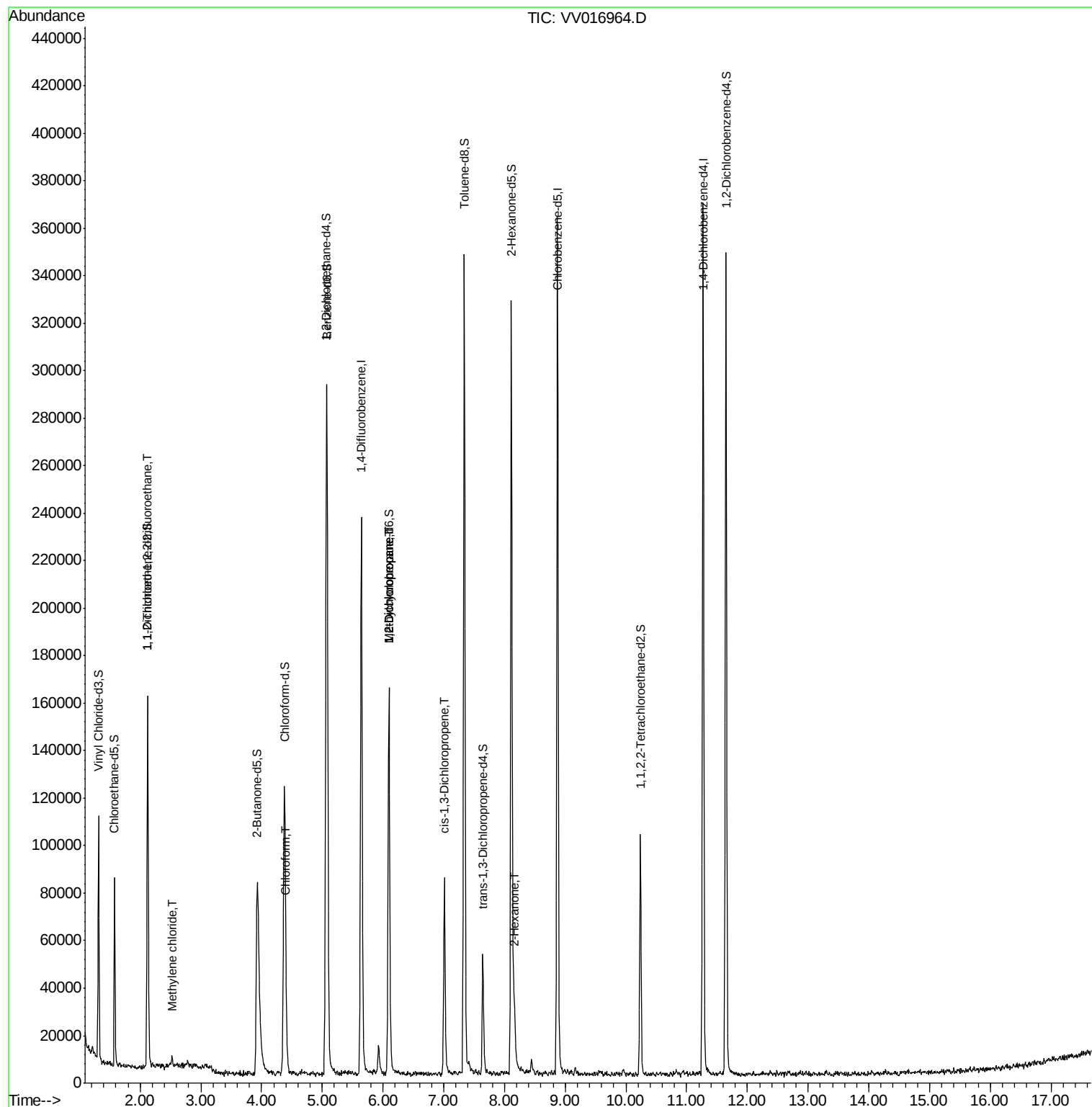
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	983	0.095 ug/L #	22
16) Methylene chloride	2.52	84	1207	0.120 ug/L	82
25) Chloroform	4.41	83	10750	0.440 ug/L	93
35) Methylcyclohexane	6.09	83	18344	0.825 ug/L #	18
37) 1,2-Dichloropropane	6.09	63	9686	0.801 ug/L #	85
39) cis-1,3-Dichloropropene	7.01	75	2806	0.156 ug/L #	44
50) 2-Hexanone	8.16	43	15144	3.046 ug/L #	89

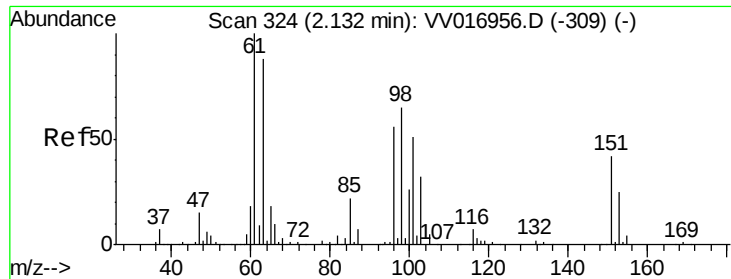
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jun 18 01:31:06 2020
Response via : Initial Calibration





#10

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

Concen: 0.095 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV016964.D

Acq: 17 Jun 2020 17:08

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

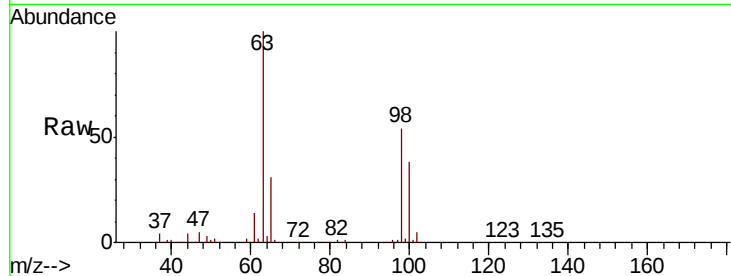
Tot Ion:101 Resp: 983

Ion Ratio Lower Upper

101 100

85 8.6 35.4 53.2#

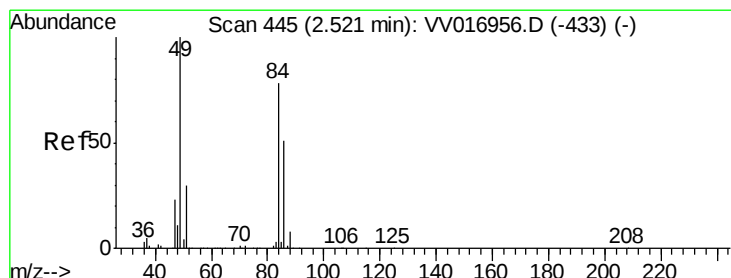
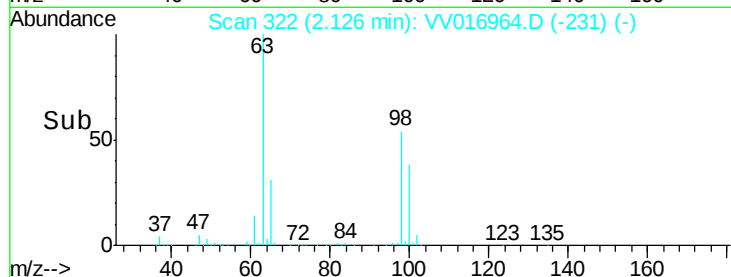
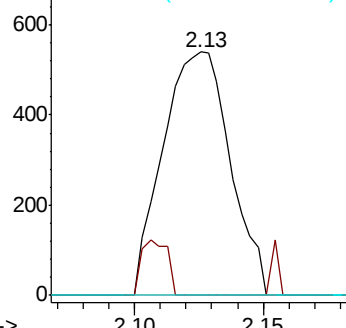
151 0.0 63.9 95.9#



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



#16

Methylene chloride

Concen: 0.120 ug/L

RT: 2.52 min Scan# 446

Delta R.T. 0.00 min

Lab File: VV016964.D

Acq: 17 Jun 2020 17:08

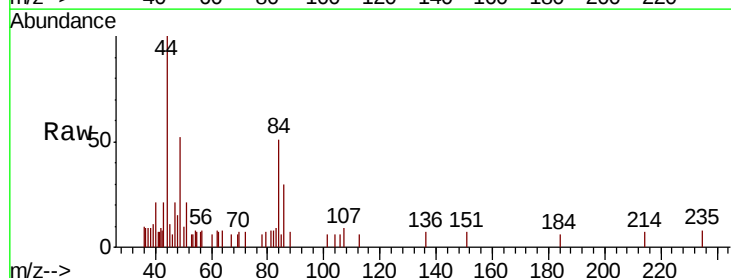
Tgt Ion: 84 Resp: 1207

Ion Ratio Lower Upper

84 100

86 58.4 45.8 85.0

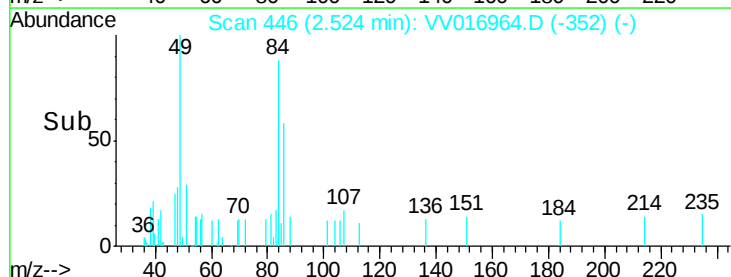
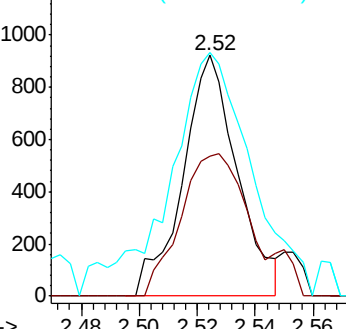
49 101.2 89.6 166.4

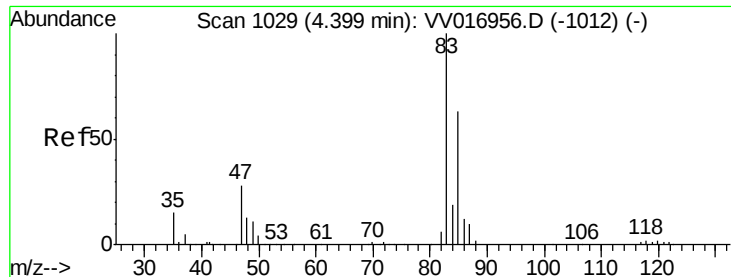


Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0

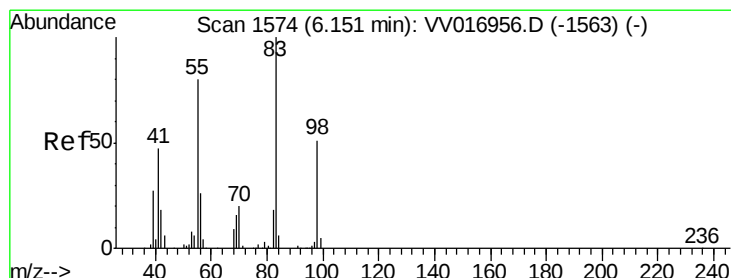
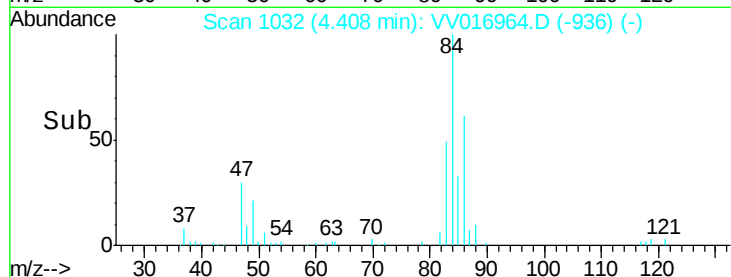
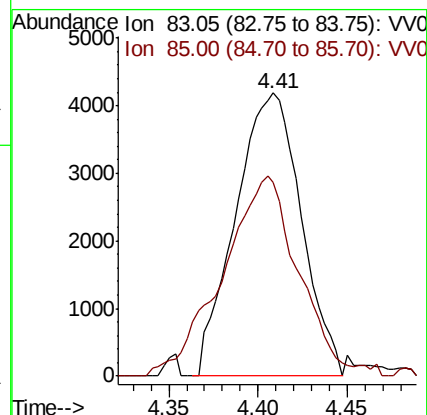
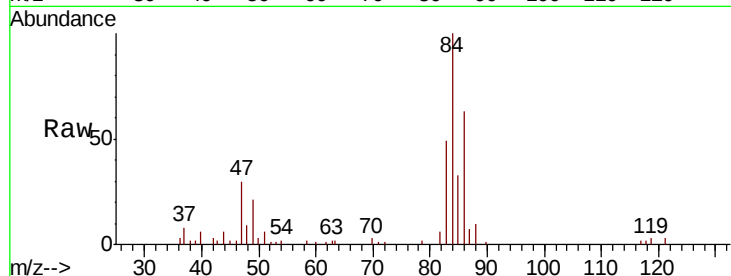




#25
Chloroform
Concen: 0.440 ug/L
RT: 4.41 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VV016964.D
Acq: 17 Jun 2020 17:08

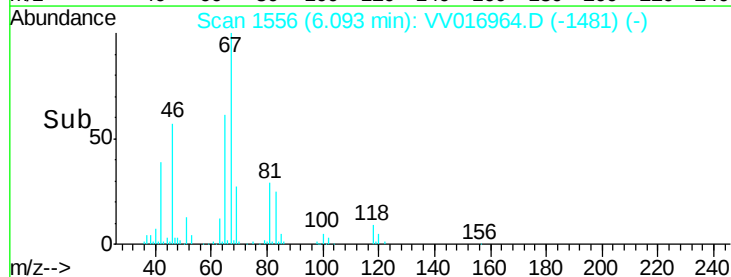
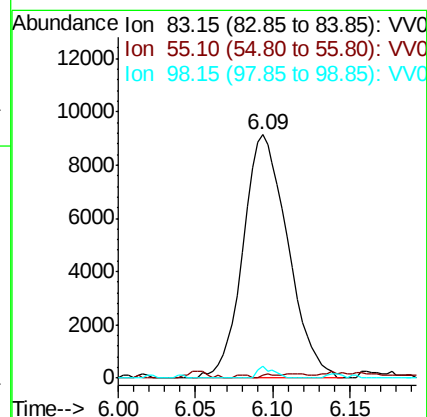
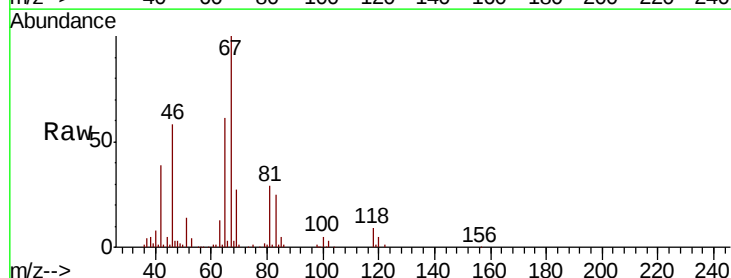
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ClientSampleId :
VHBLK01

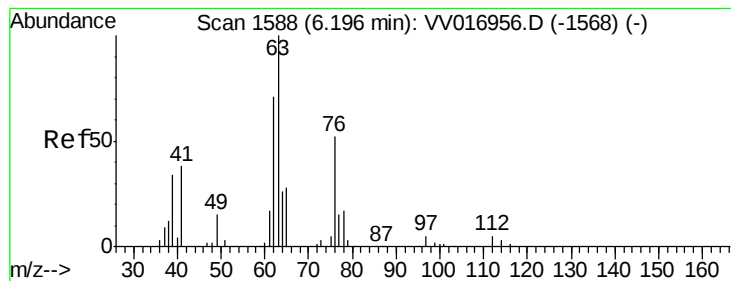
Tot Ion: 83 Resp: 10750
Ion Ratio Lower Upper
83 100
85 68.6 44.2 82.2



#35
Methylcyclohexane
Concen: 0.825 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV016964.D
Acq: 17 Jun 2020 17:08

Tgt Ion: 83 Resp: 18344
Ion Ratio Lower Upper
83 100
55 0.5 63.6 95.4#
98 1.7 38.8 58.2#





#37

1,2-Dichloropropane

Concen: 0.801 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.10 min

Lab File: VV016964.D

Acq: 17 Jun 2020 17:08

Instrument :

MSVOA_V

ClientSampleId :

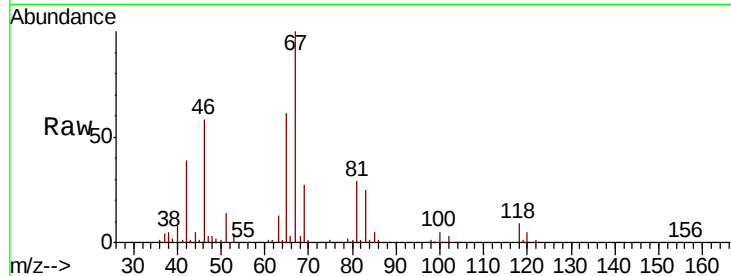
VHBLK01

Tot Ion: 63 Resp: 9686

Ion Ratio Lower Upper

63 100

112 0.4 4.4 6.6#



Abundance Ion 63.10 (62.80 to 63.80): VV016956.D (-1568) (-)

Ion 112.10 (111.80 to 112.80): VV016956.D (-1568) (-)

6.09

5000

4000

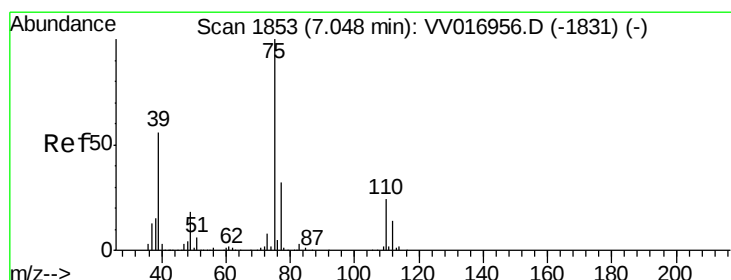
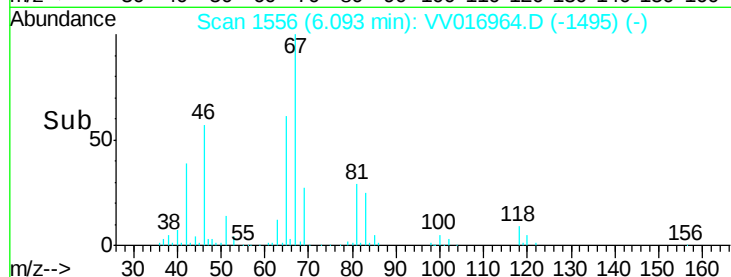
3000

2000

1000

0

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.156 ug/L

RT: 7.01 min Scan# 1841

Delta R.T. -0.04 min

Lab File: VV016964.D

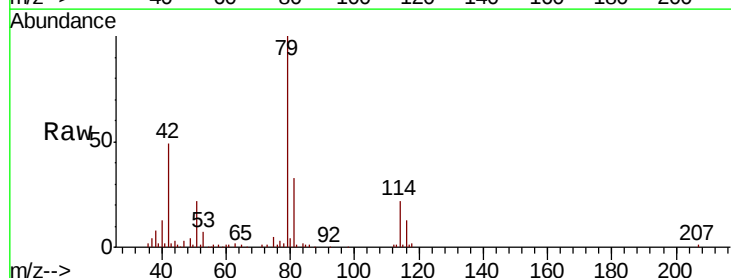
Acq: 17 Jun 2020 17:08

Tgt Ion: 75 Resp: 2806

Ion Ratio Lower Upper

75 100

77 63.2 22.3 41.5#



Abundance Ion 75.05 (74.75 to 75.75): VV016956.D (-1831) (-)

Ion 77.05 (76.75 to 77.75): VV016956.D (-1831) (-)

7.01

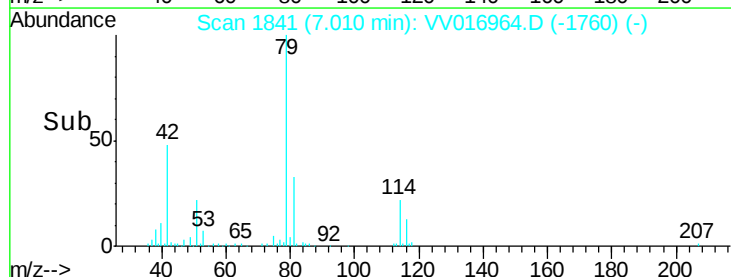
1500

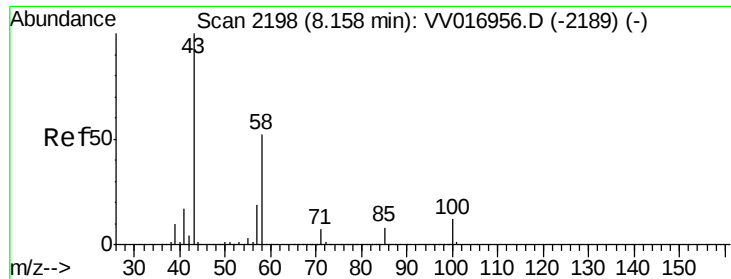
1000

500

0

Time-->





#50

2-Hexanone

Concen: 3.046 ug/L

RT: 8.16 min Scan# 2200

Delta R.T. 0.01 min

Lab File: VV016964.D

Acq: 17 Jun 2020 17:08

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

Tot Ion: 43 Resp: 15144

Ion Ratio Lower Upper

43 100

58 43.3 41.6 62.4

57 16.4 15.4 23.0

100 7.6 10.1 15.1#

