

Data File : VV013606.D
Acq On : 13 Nov 2019 16:13
Operator : SY/MD
Sample : K5743-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: Nov 14 06:13:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Nov 14 06:01:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.69	114	397416	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.91	117	357182	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	137539	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.35	65	125018	4.90	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.00%
7) Chloroethane-d5	1.62	69	98739	4.85	ug/L	0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.00%
11) 1,1-Dichloroethene-d2	2.16	63	157937	3.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.20%
20) 2-Butanone-d5	4.04	46	261749	57.26	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.52%
24) Chloroform-d	4.43	84	208496	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	5.10	65	102010	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
32) Benzene-d6	5.10	84	408013	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
36) 1,2-Dichloropropane-d6	6.16	67	151740	5.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.80%
41) Toluene-d8	7.41	98	371935	4.26	ug/L	0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.20%
43) trans-1,3-Dichloropropene-	7.70	79	46927	4.27	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.40%
46) 2-Hexanone-d5	8.16	63	212644	48.53	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.06%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	102847	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	140377	5.78	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.60%

Target Compounds

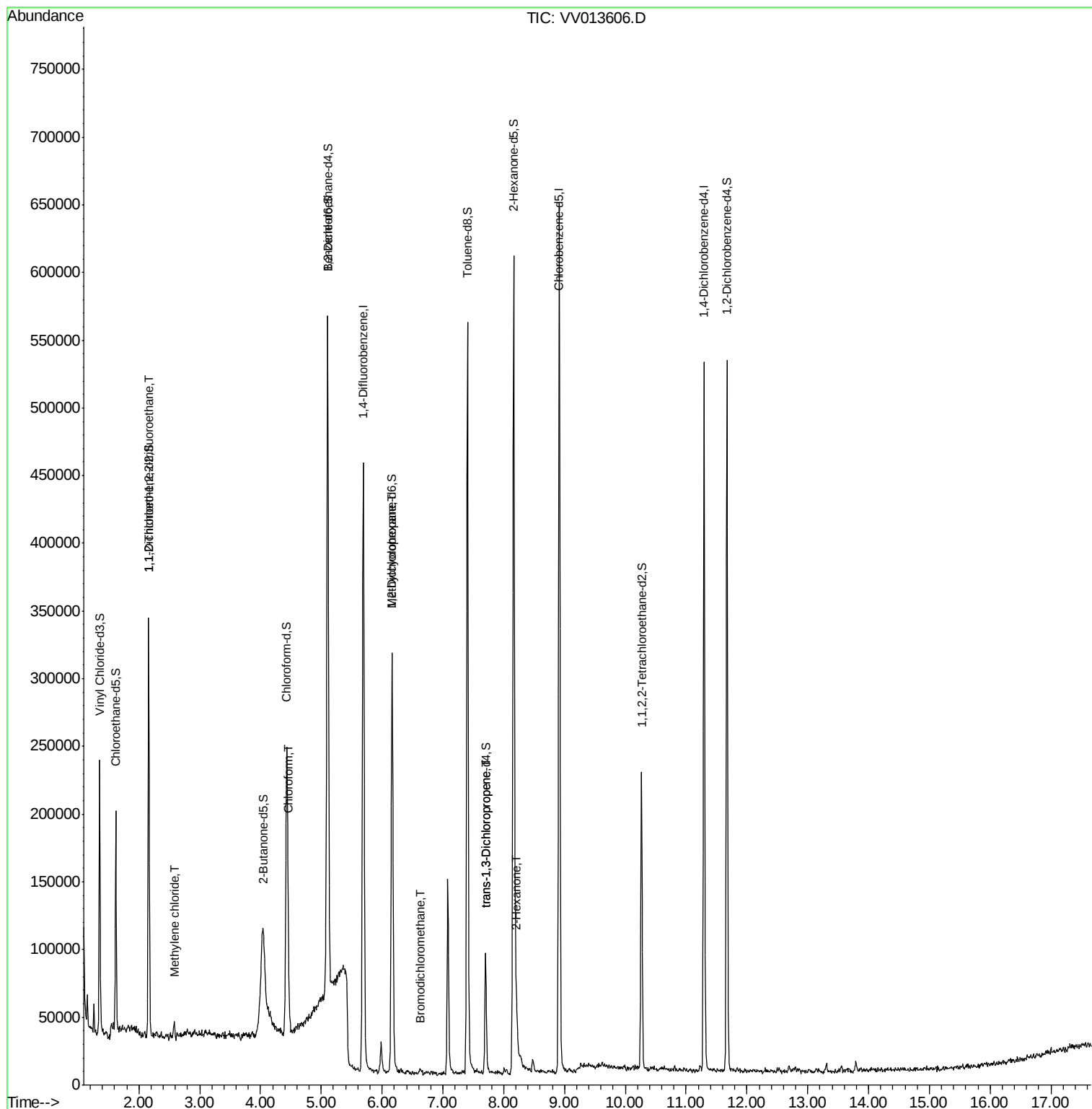
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.17	101	2064	0.083 ug/L #	25
16) Methylene chloride	2.58	84	5233	0.208 ug/L	97
25) Chloroform	4.46	83	20643	0.373 ug/L	100
35) Methylcyclohexane	6.16	83	36237	0.851 ug/L #	16
38) Bromodichloromethane	6.63	83	2104	0.057 ug/L #	84
44) trans-1,3-Dichloropropene	7.69	75	2377	0.083 ug/L	88
48) 2-Hexanone	8.21	43	16819	1.586 ug/L #	49

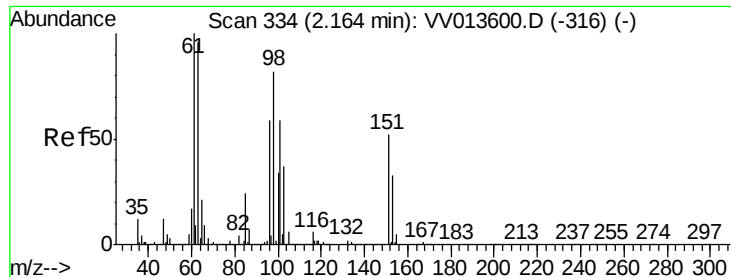
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Nov 14 06:01:41 2019
Response via : Initial Calibration





#10

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

Concen: 0.083 ug/L

RT: 2.17 min Scan# 335

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

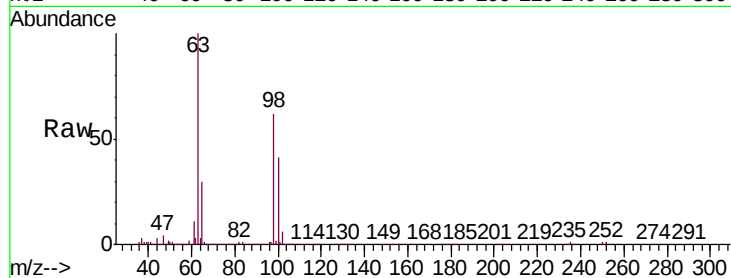
Tgt Ion: 101 Resp: 2064

Ion Ratio Lower Upper

101 100

85 14.7 33.1 49.7#

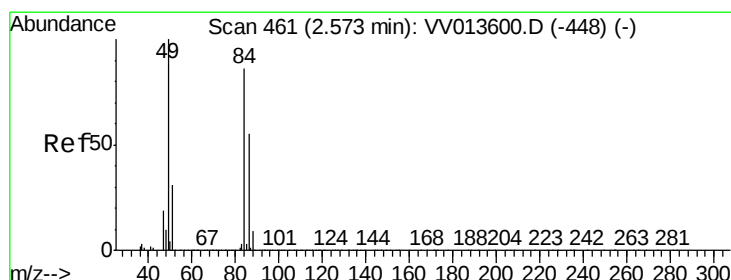
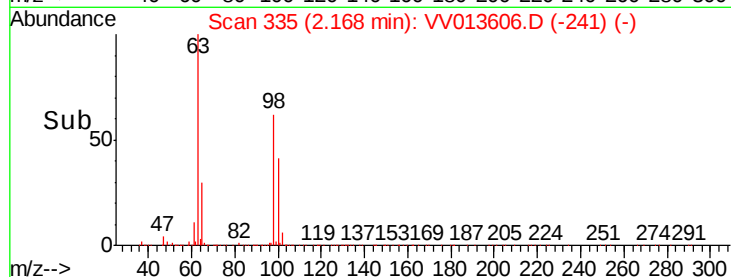
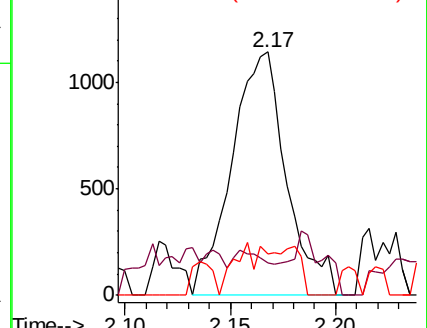
151 3.2 69.5 104.3#



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: 0.208 ug/L

RT: 2.58 min Scan# 464

Delta R.T. 0.01 min

Lab File: VV013606.D

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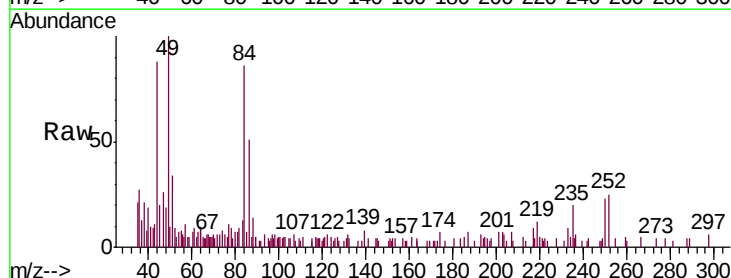
Tgt Ion: 84 Resp: 5233

Ion Ratio Lower Upper

84 100

86 59.0 45.1 83.9

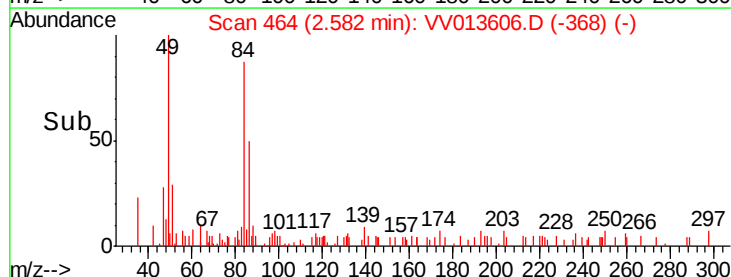
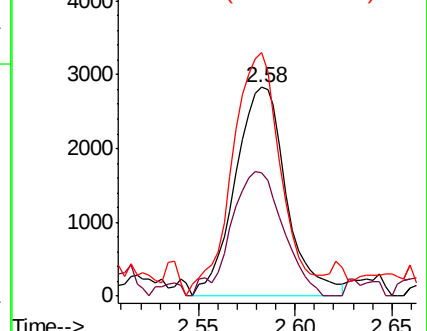
49 116.8 81.4 151.2

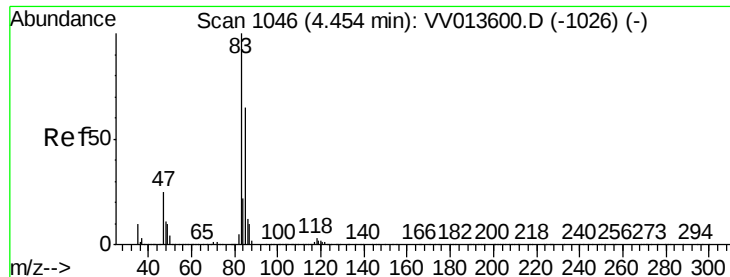


Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0





#25

Chloroform

Concen: 0.373 ug/L

RT: 4.46 min Scan# 1048

Delta R.T. 0.01 min

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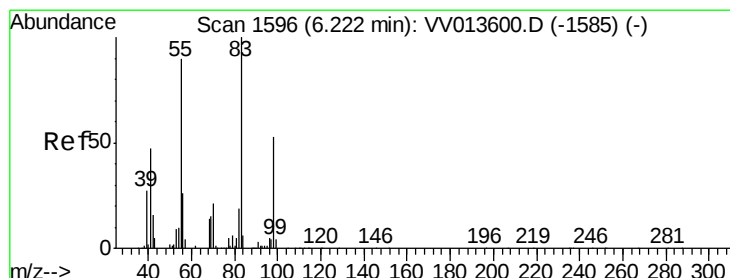
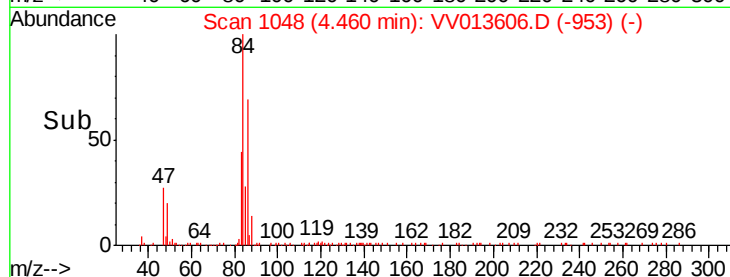
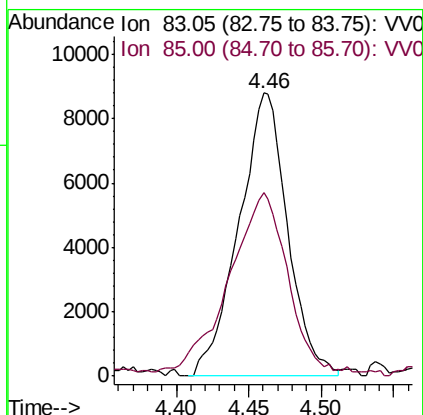
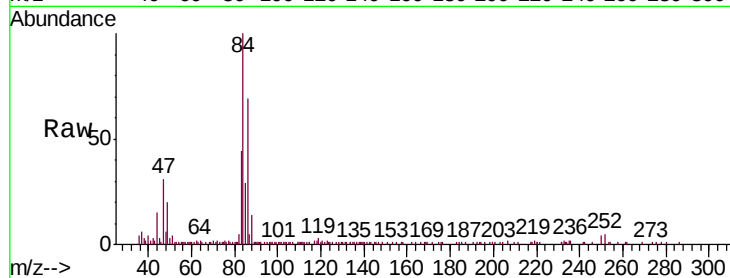
VHBLK01

Tgt Ion: 83 Resp: 20643

Ion Ratio Lower Upper

83 100

85 64.9 45.5 84.5



#35

Methylcyclohexane

Concen: 0.851 ug/L

RT: 6.16 min Scan# 1578

Delta R.T. -0.06 min

Lab File: VV013606.D

Acq: 13 Nov 2019 16:13

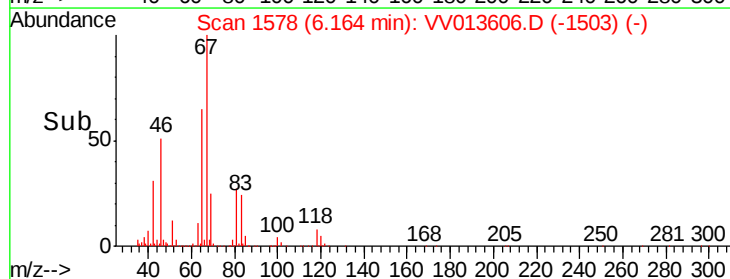
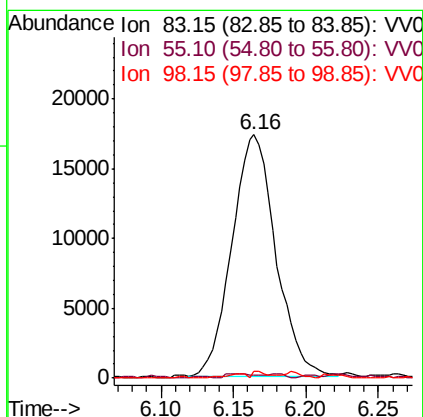
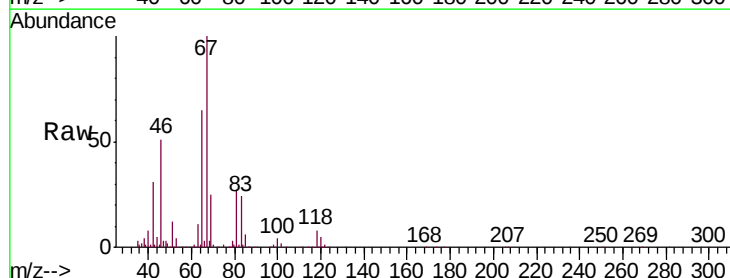
Tgt Ion: 83 Resp: 36237

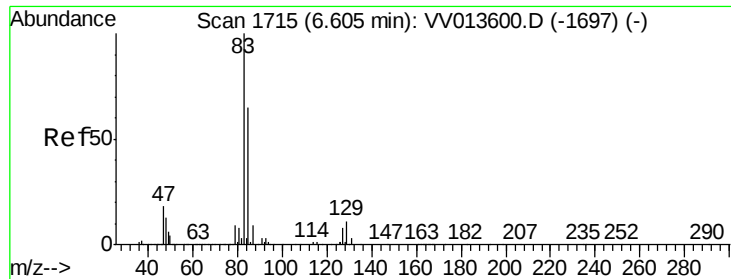
Ion Ratio Lower Upper

83 100

55 0.0 67.0 100.4#

98 0.9 38.5 57.7#





#38

Bromodichloromethane

Concen: 0.057 ug/L

RT: 6.63 min Scan# 1723

Delta R.T. 0.03 min

Lab File: VV013606.D

Acq: 13 Nov 2019 16:13

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

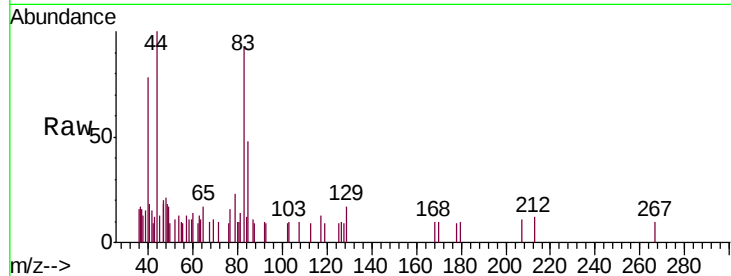
Tgt Ion: 83 Resp: 2104

Ion Ratio Lower Upper

83 100

85 51.6 45.5 84.5

127 11.0 6.8 10.2#

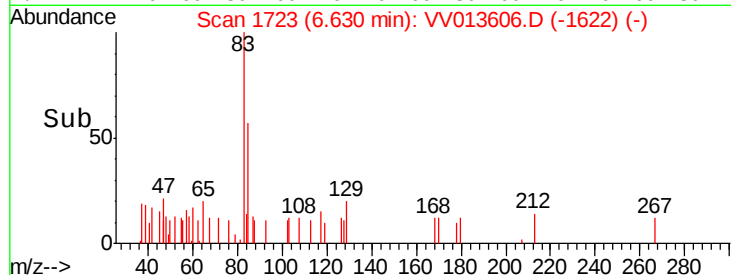


Abundance Ion 82.95 (82.65 to 83.65): VV013606.D (-1697) (-)

Ion 85.00 (84.70 to 85.70): VV013606.D (-1697) (-)

Ion 126.90 (126.60 to 127.60): VV013606.D (-1697) (-)

Time-->

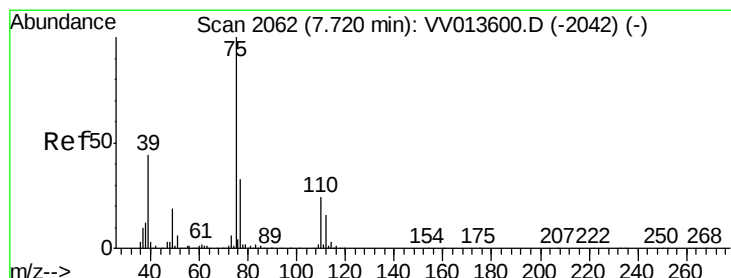


Abundance Ion 82.95 (82.65 to 83.65): VV013606.D (-1697) (-)

Ion 85.00 (84.70 to 85.70): VV013606.D (-1697) (-)

Ion 126.90 (126.60 to 127.60): VV013606.D (-1697) (-)

Time-->



#44

trans-1,3-Dichloropropene

Concen: 0.083 ug/L

RT: 7.69 min Scan# 2054

Delta R.T. -0.03 min

Lab File: VV013606.D

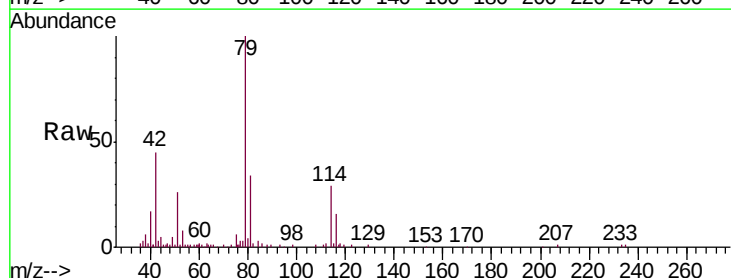
Acq: 13 Nov 2019 16:13

Tgt Ion: 75 Resp: 2377

Ion Ratio Lower Upper

75 100

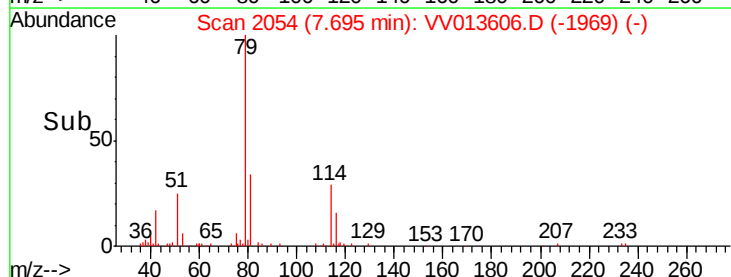
77 40.2 23.2 43.0



Abundance Ion 75.05 (74.75 to 75.75): VV013606.D (-1969) (-)

Ion 77.05 (76.75 to 77.75): VV013606.D (-1969) (-)

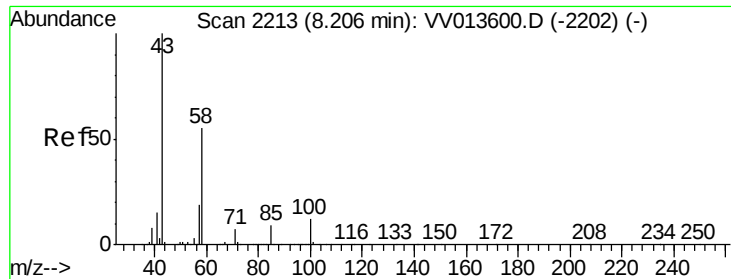
Time-->



Abundance Ion 75.05 (74.75 to 75.75): VV013606.D (-1969) (-)

Ion 77.05 (76.75 to 77.75): VV013606.D (-1969) (-)

Time-->



#48

2-Hexanone

Concen: 1.586 ug/L

RT: 8.21 min Scan# 2215

Delta R.T. 0.01 min

Lab File: VV013606.D

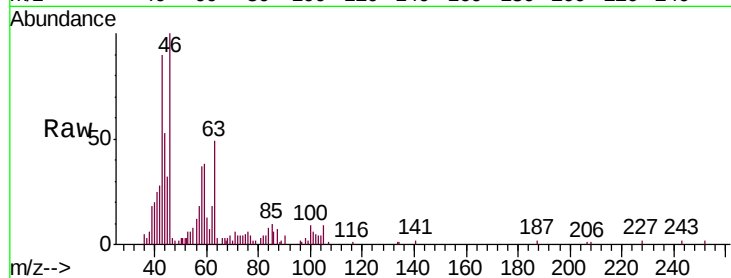
Acq: 13 Nov 2019 16:13

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01



Tgt Ion: 43 Resp: 16819

Ion Ratio Lower Upper

43 100

58 4.8 45.1 67.7#

57 11.1 14.6 21.8#

100 7.7 10.2 15.2#

