

Data File : VV013594.D
Acq On : 12 Nov 2019 17:39
Operator : SY/MD
Sample : K5797-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: Nov 13 04:31:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR110819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 13 04:27:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	376979	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	390190	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	168239	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	72562	4.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.40%
7) Chloroethane-d5	1.58	69	78779	5.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.60%
11) 1,1-Dichloroethene-d2	2.13	63	95286	3.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.60%
20) 2-Butanone-d5	3.96	46	204993	35.99	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	71.98%
24) Chloroform-d	4.40	84	226027	5.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.60%
26) 1,2-Dichloroethane-d4	5.08	65	115162	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.80%
32) Benzene-d6	5.09	84	375191	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
36) 1,2-Dichloropropane-d6	6.12	67	139092	5.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.40%
41) Toluene-d8	7.36	98	280734	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.20%
43) trans-1,3-Dichloropropene-	7.66	79	46489	4.53	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.60%
46) 2-Hexanone-d5	8.14	63	275636	67.13	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	134.26%#
57) 1,1,2,2-Tetrachloroethane-	10.26	84	125743	5.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	118.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	158819	5.71	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.20%

Target Compounds

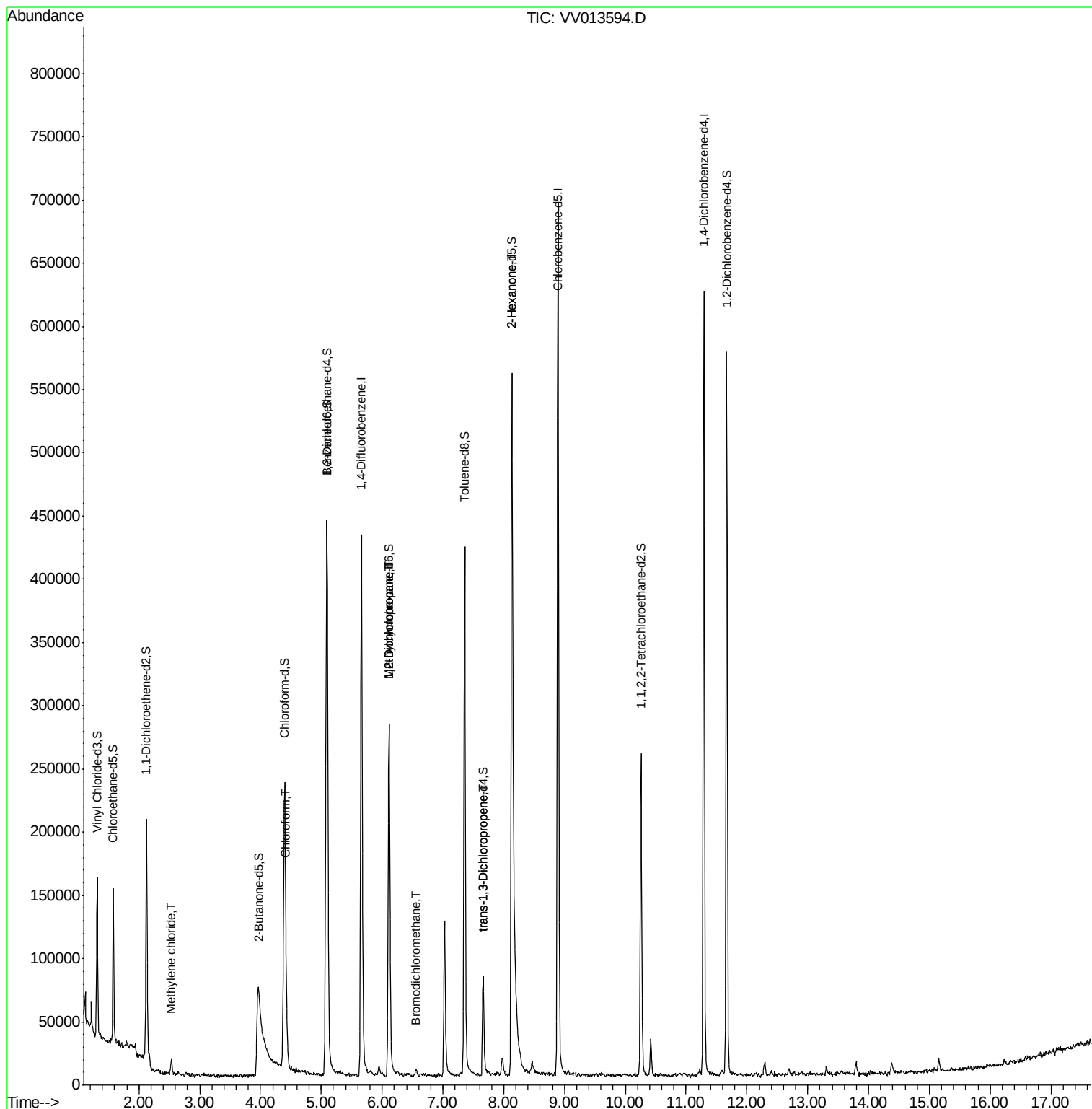
					Qvalue
16) Methylene chloride	2.53	84	4862	0.164 ug/L	87
25) Chloroform	4.42	83	24391	0.426 ug/L	97
35) Methylcyclohexane	6.11	83	33989	0.684 ug/L #	18
37) 1,2-Dichloropropane	6.11	63	15805	0.530 ug/L #	89
38) Bromodichloromethane	6.56	83	2567	0.067 ug/L #	98
44) trans-1,3-Dichloropropene	7.67	75	2431	0.075 ug/L #	67
48) 2-Hexanone	8.14	43	29553	2.434 ug/L #	71

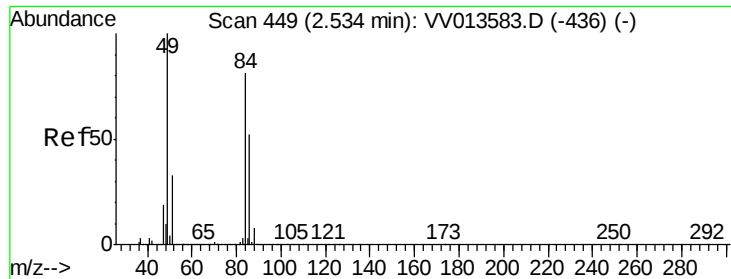
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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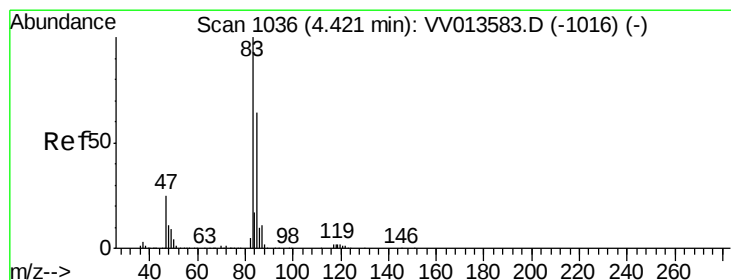
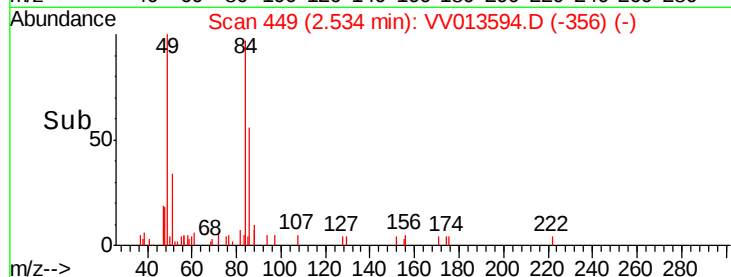
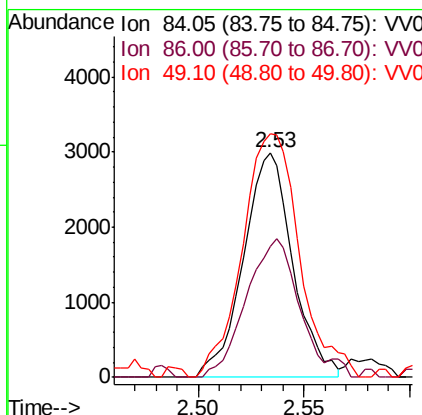
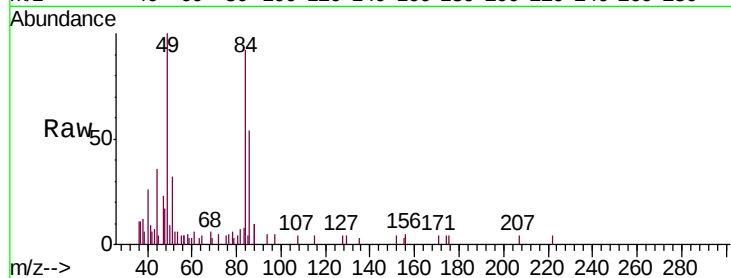




#16
Methylene chloride
Concen: 0.164 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV013594.D
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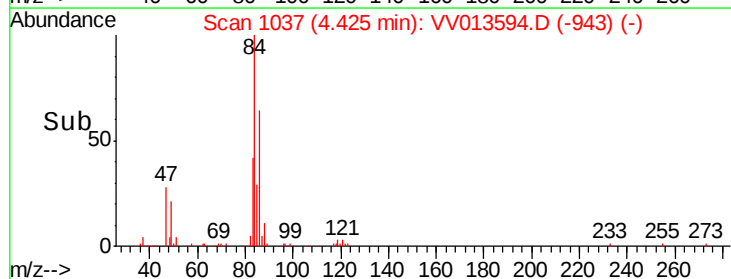
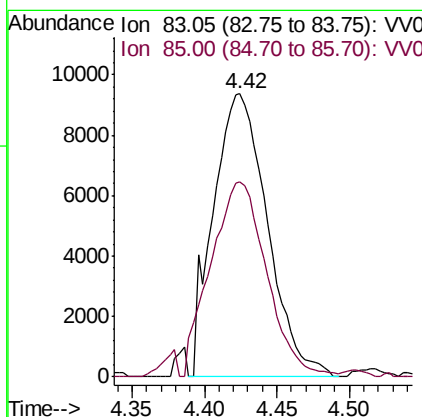
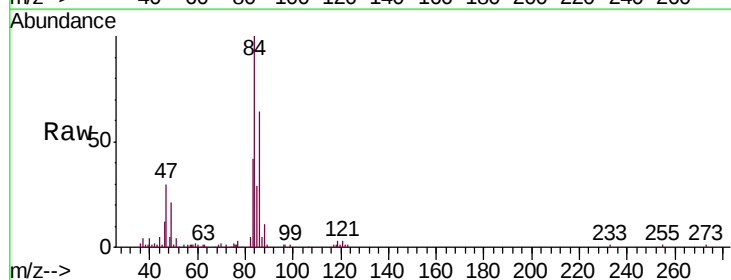
Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

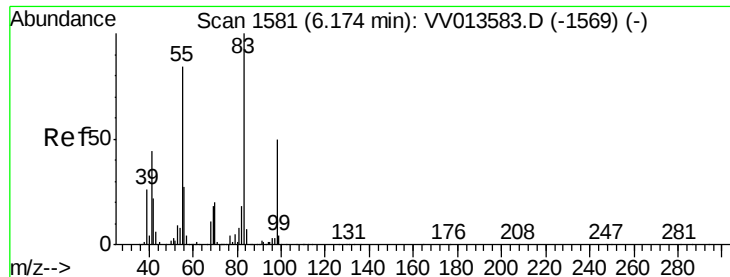
Tgt Ion: 84 Resp: 4862
Ion Ratio Lower Upper
84 100
86 58.3 44.2 82.2
49 108.2 88.8 164.8



#25
Chloroform
Concen: 0.426 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV013594.D
Acq: 12 Nov 2019 17:39

Tgt Ion: 83 Resp: 24391
Ion Ratio Lower Upper
83 100
85 68.8 46.3 86.1





#35

Methylcyclohexane

Concen: 0.684 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.06 min

Lab File: VV013594.D

Acq: 12 Nov 2019 17:39

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

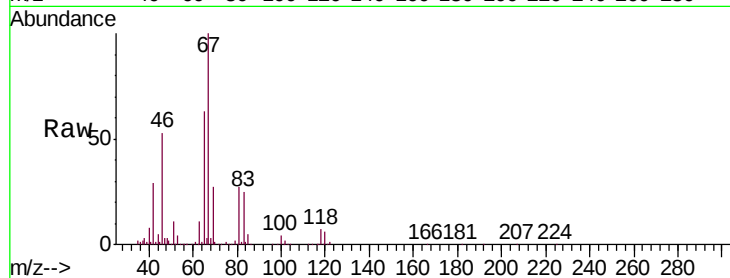
Tgt Ion: 83 Resp: 33989

Ion Ratio Lower Upper

83 100

55 0.6 63.8 95.8#

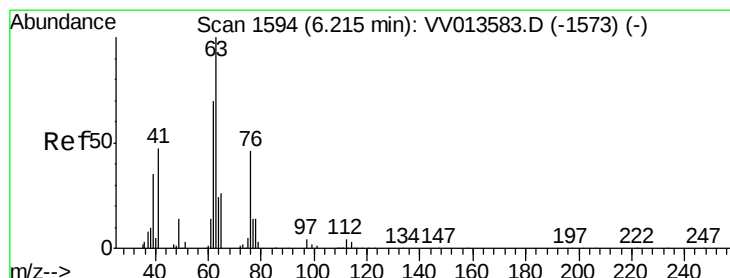
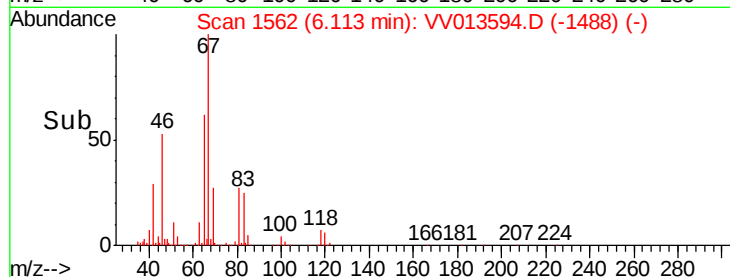
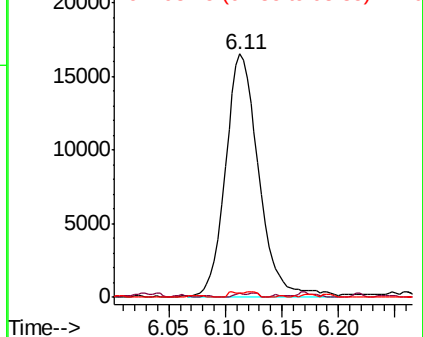
98 0.8 38.4 57.6#



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



#37

1,2-Dichloropropane

Concen: 0.530 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.10 min

Lab File: VV013594.D

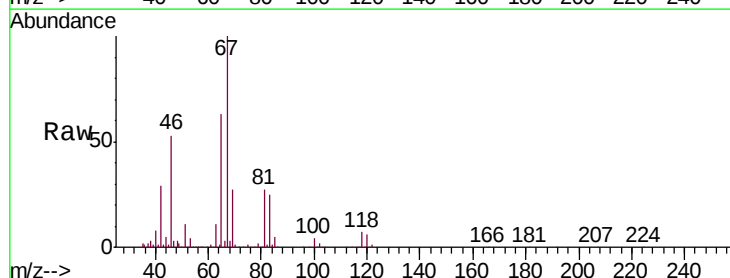
Acq: 12 Nov 2019 17:39

Tgt Ion: 63 Resp: 15805

Ion Ratio Lower Upper

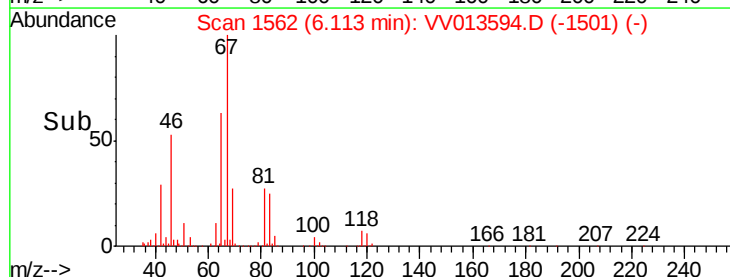
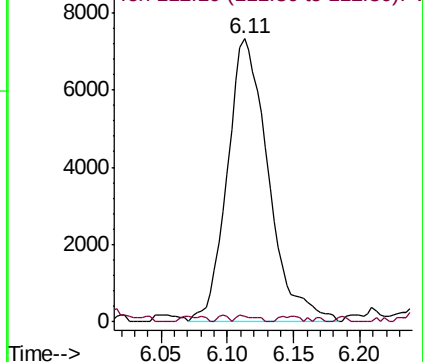
63 100

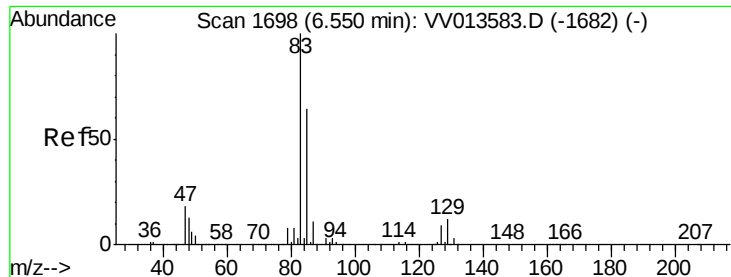
112 1.1 3.8 5.6#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V





#38

Bromodichloromethane

Concen: 0.067 ug/L

RT: 6.56 min Scan# 1701

Delta R.T. 0.01 min

Lab File: VV013594.D

Acq: 12 Nov 2019 17:39

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

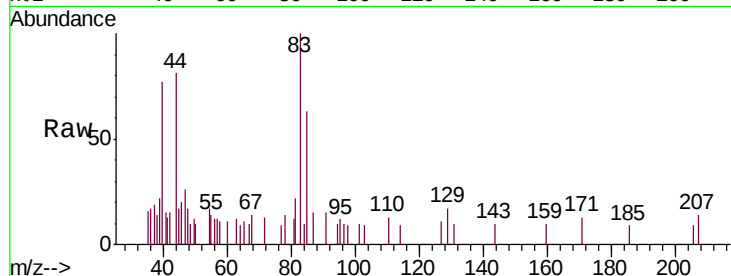
Tgt Ion: 83 Resp: 2567

Ion Ratio Lower Upper

83 100

85 62.7 43.6 81.0

127 11.5 6.5 9.7#

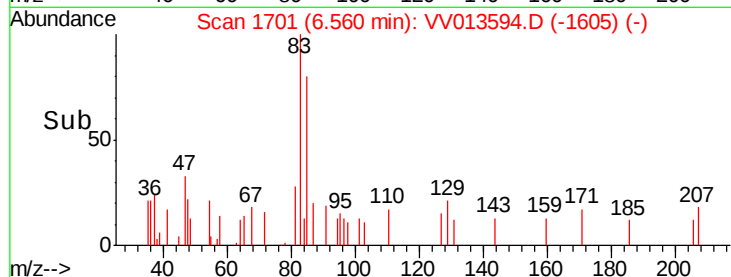


Abundance Ion 82.95 (82.65 to 83.65): VV013583.D (-1682) (-)

Ion 85.00 (84.70 to 85.70): VV013583.D (-1682) (-)

Ion 126.90 (126.60 to 127.60): VV013583.D (-1682) (-)

Time-->

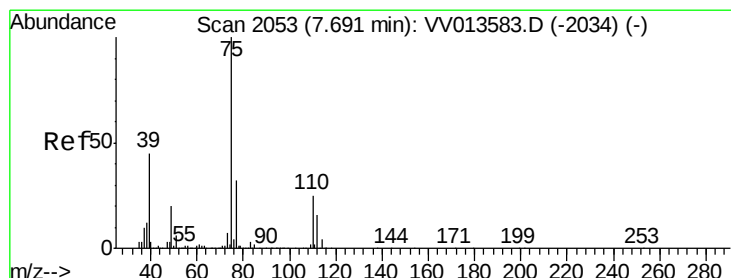


Abundance Ion 82.95 (82.65 to 83.65): VV013594.D (-1605) (-)

Ion 85.00 (84.70 to 85.70): VV013594.D (-1605) (-)

Ion 126.90 (126.60 to 127.60): VV013594.D (-1605) (-)

Time-->



#44

trans-1,3-Dichloropropene

Concen: 0.075 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV013594.D

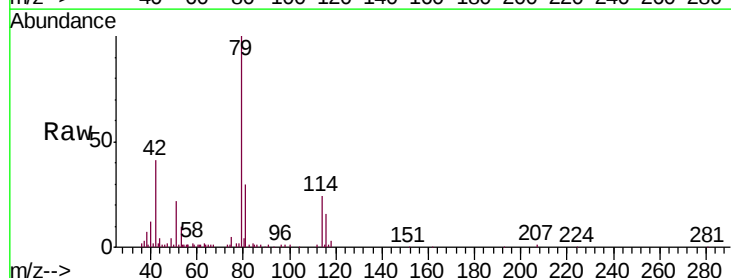
Acq: 12 Nov 2019 17:39

Tgt Ion: 75 Resp: 2431

Ion Ratio Lower Upper

75 100

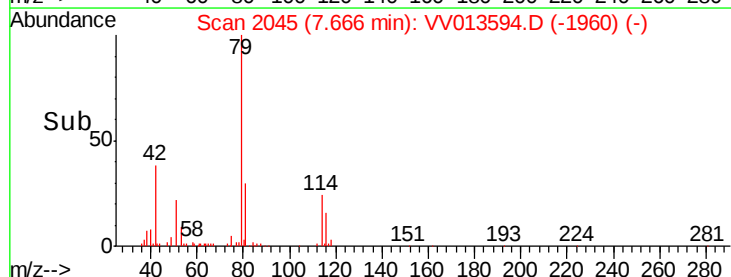
77 49.8 22.2 41.2#



Abundance Ion 75.05 (74.75 to 75.75): VV013583.D (-2034) (-)

Ion 77.05 (76.75 to 77.75): VV013583.D (-2034) (-)

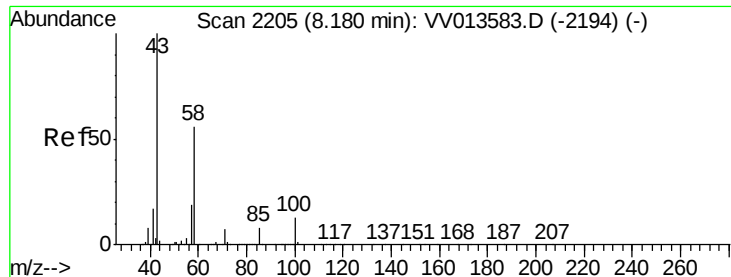
Time-->



Abundance Ion 75.05 (74.75 to 75.75): VV013594.D (-1960) (-)

Ion 77.05 (76.75 to 77.75): VV013594.D (-1960) (-)

Time-->



#48

2-Hexanone

Concen: 2.434 ug/L

RT: 8.14 min Scan# 2191

Delta R.T. -0.04 min

Lab File: VV013594.D

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ClientSampleId :

VHBLK01

Tgt Ion: 43 Resp: 29553

Ion Ratio Lower Upper

43 100

58 38.2 43.8 65.8#

57 41.3 15.0 22.6#

100 3.9 9.8 14.6#

