

Data File : VV012670.D
Acq On : 11 Sep 2019 13:51
Operator : SY/MD
Sample : VV0911WBL01
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK53

Quant Time: Sep 12 07:19:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 12 07:16:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	422076	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	423585	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	169576	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	141833	4.95	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.00%
7) Chloroethane-d5	1.58	69	118217	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.80%
11) 1,1-Dichloroethene-d2	2.13	63	177166	3.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.60%
20) 2-Butanone-d5	3.96	46	299911	43.53	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.06%
24) Chloroform-d	4.40	84	236788	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
26) 1,2-Dichloroethane-d4	5.08	65	118383	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
32) Benzene-d6	5.09	84	477009	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	6.12	67	148287	4.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.20%
41) Toluene-d8	7.36	98	381892	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.20%
43) trans-1,3-Dichloropropene-	7.66	79	45547	4.12	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.40%
46) 2-Hexanone-d5	8.14	63	135711	32.44	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	64.88%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	89713	3.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	77.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	138282	4.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.40%

Target Compounds

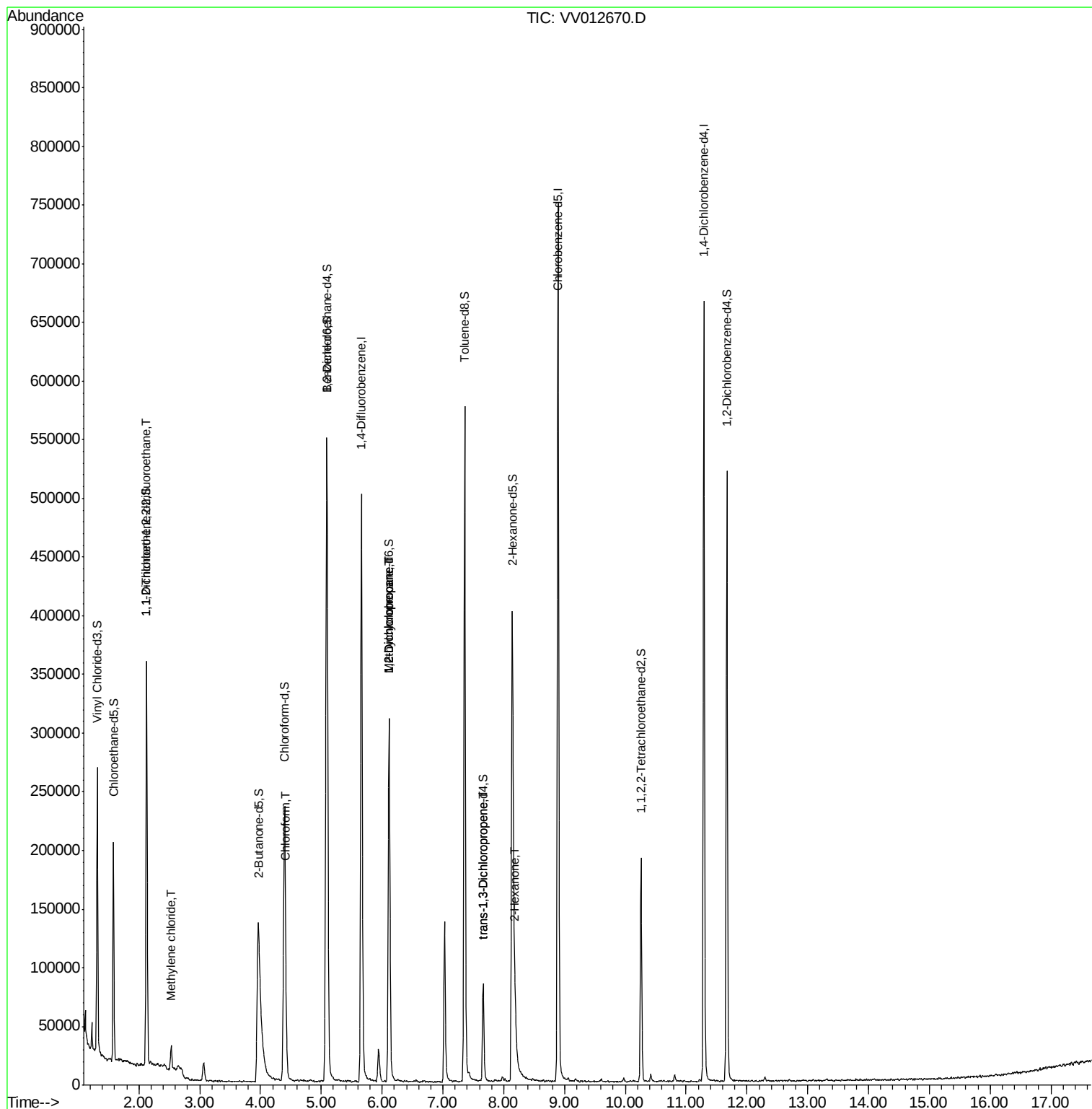
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1976	0.072	ug/L #	24
16) Methylene chloride	2.53	84	8575	0.268	ug/L	95
25) Chloroform	4.42	83	11542	0.189	ug/L	86
35) Methylcyclohexane	6.12	83	36105	0.747	ug/L #	18
37) 1,2-Dichloropropane	6.11	63	15637	0.507	ug/L #	87
44) trans-1,3-Dichloropropene	7.66	75	1861	0.061	ug/L #	76
48) 2-Hexanone	8.19	43	38628	3.158	ug/L #	81

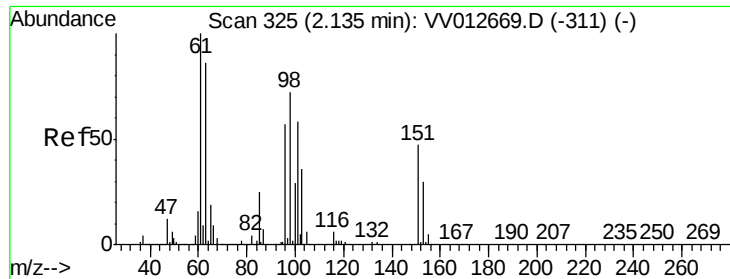
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
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Response via : Initial Calibration





#10

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

Concen: 0.072 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV012670.D

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Instrument :

MSVOA_V

ClientSampleId :

VBLK53

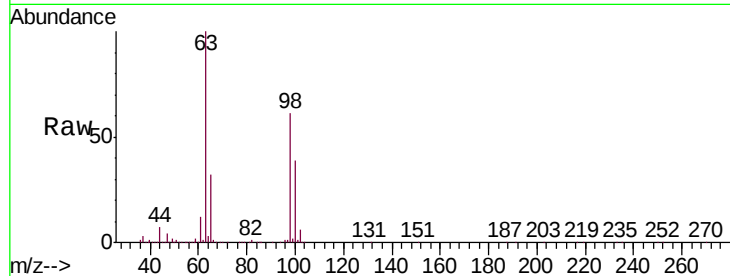
Tgt Ion:101 Resp: 1976

Ion Ratio Lower Upper

101 100

85 6.2 33.0 49.6#

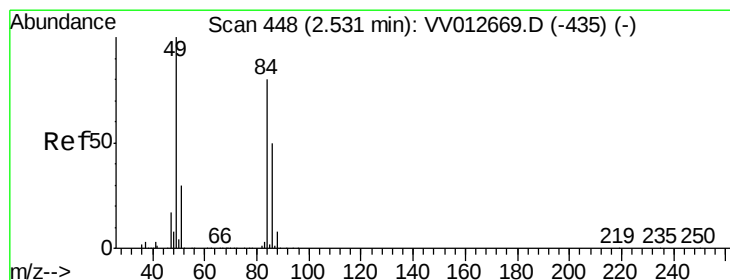
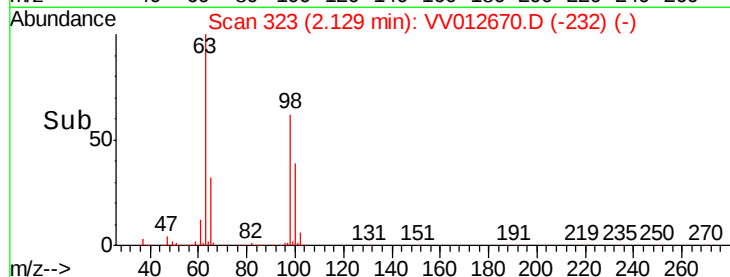
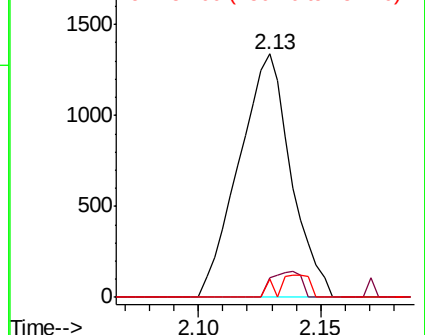
151 5.6 65.8 98.8#



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: 0.268 ug/L

RT: 2.53 min Scan# 448

Delta R.T. 0.00 min

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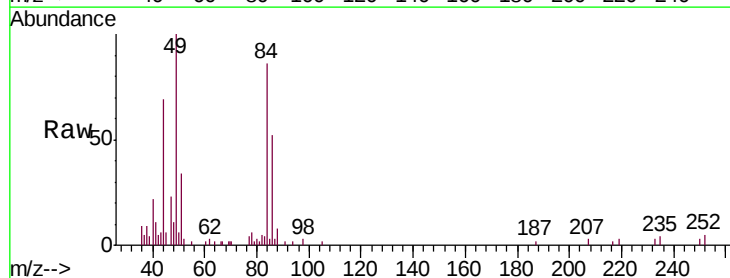
Tgt Ion: 84 Resp: 8575

Ion Ratio Lower Upper

84 100

86 60.7 46.1 85.7

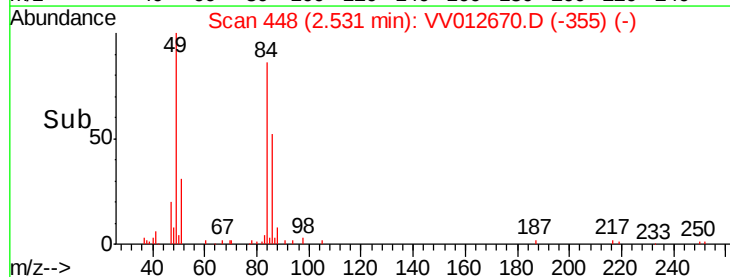
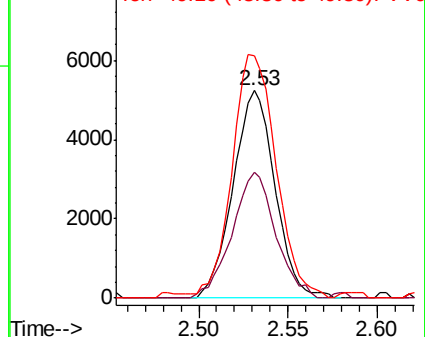
49 116.6 85.3 158.3

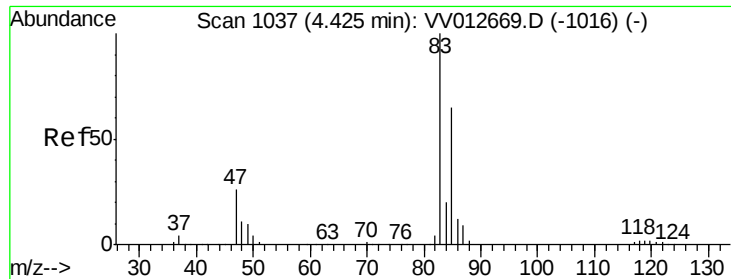


Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0

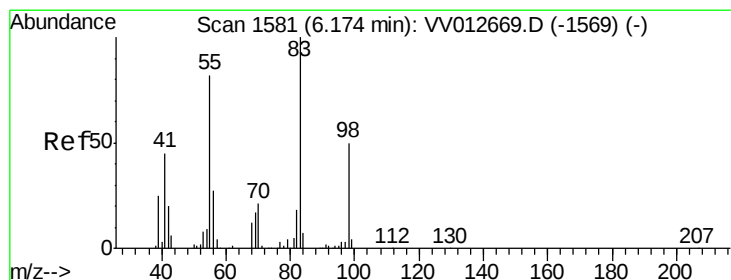
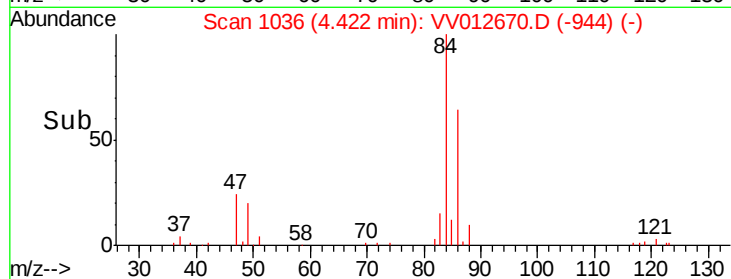
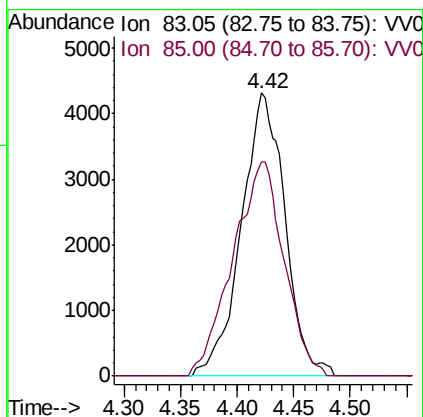
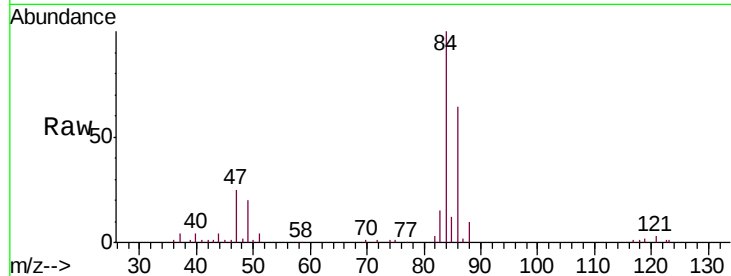




#25
Chloroform
Concen: 0.189 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VV012670.D
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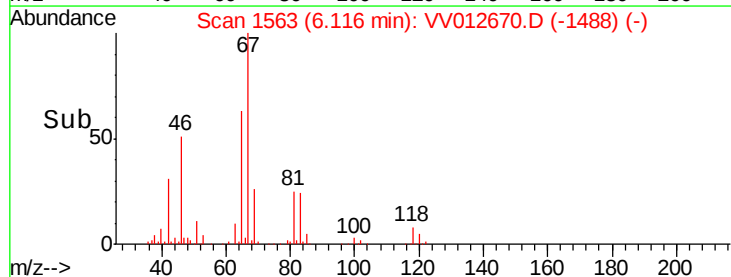
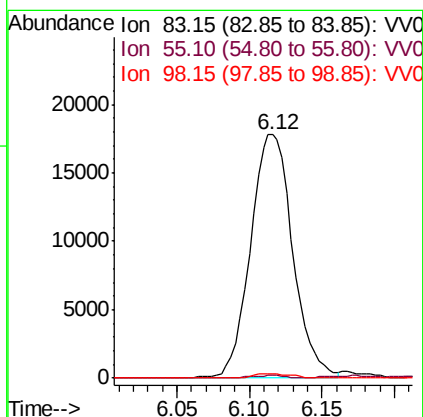
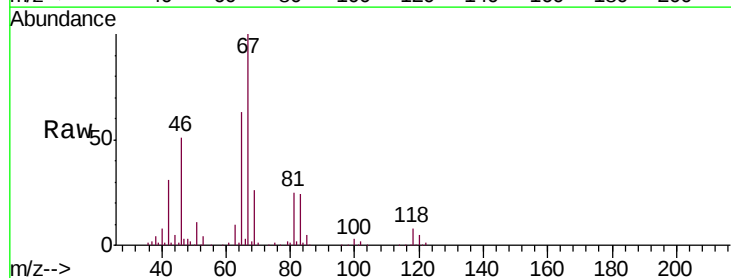
Instrument :
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VBLK53

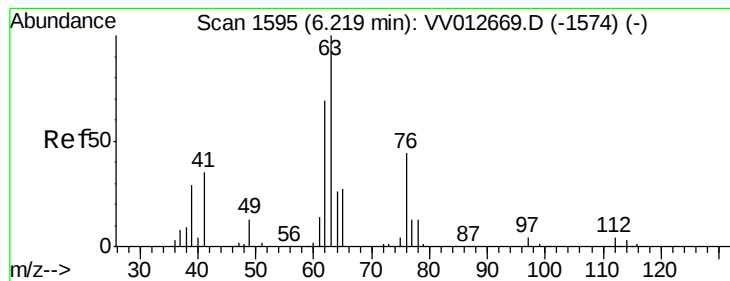
Tgt Ion: 83 Resp: 11542
Ion Ratio Lower Upper
83 100
85 75.6 45.3 84.1



#35
Methylcyclohexane
Concen: 0.747 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV012670.D
Acq: 11 Sep 2019 13:51

Tgt Ion: 83 Resp: 36105
Ion Ratio Lower Upper
83 100
55 0.8 63.0 94.4#
98 1.5 39.8 59.8#





#37

1,2-Dichloropropane

Concen: 0.507 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.11 min

Lab File: VV012670.D

Acq: 11 Sep 2019 13:51

Instrument :

MSVOA_V

ClientSampleId :

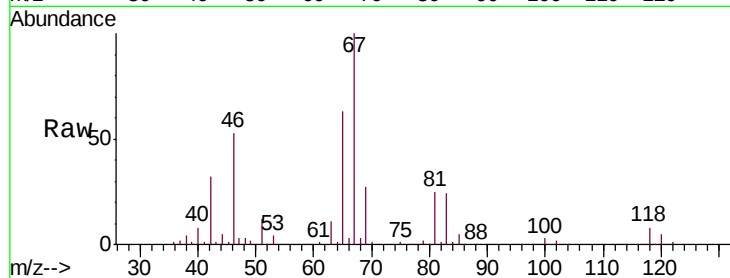
VBLK53

Tgt Ion: 63 Resp: 15637

Ion Ratio Lower Upper

63 100

112 0.3 3.8 5.6#



Abundance Ion 63.10 (62.80 to 63.80): VV012669.D (-1574) (-)

Ion 112.10 (111.80 to 112.80): VV012669.D (-1574) (-)

6.11

8000

6000

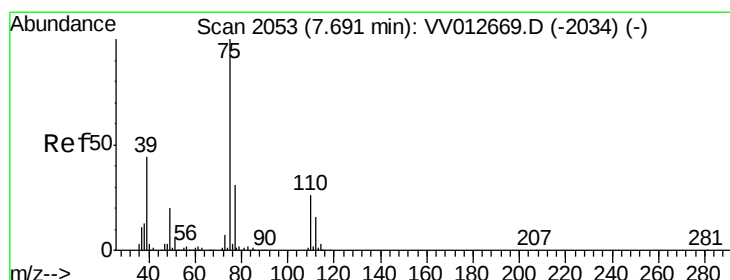
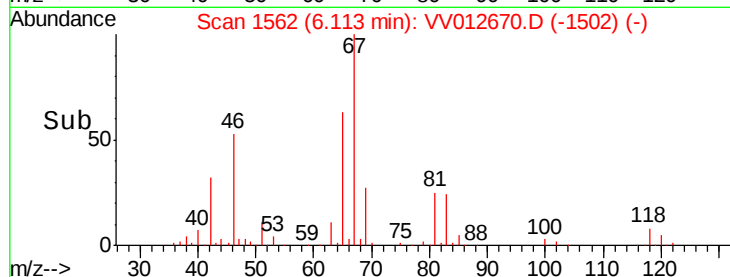
4000

2000

0

6.05 6.10 6.15

Time-->



#44

trans-1,3-Dichloropropene

Concen: 0.061 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV012670.D

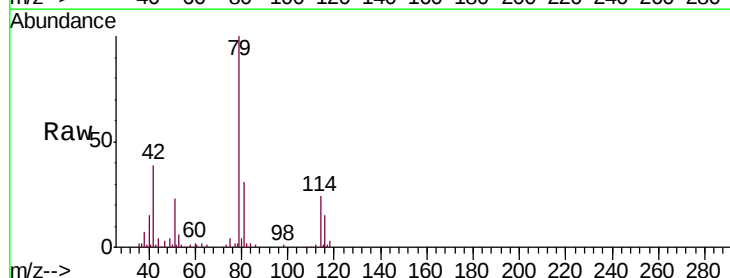
Acq: 11 Sep 2019 13:51

Tgt Ion: 75 Resp: 1861

Ion Ratio Lower Upper

75 100

77 45.5 22.4 41.6#



Abundance Ion 75.05 (74.75 to 75.75): VV012669.D (-2034) (-)

Ion 77.05 (76.75 to 77.75): VV012669.D (-2034) (-)

7.66

1200

1000

800

600

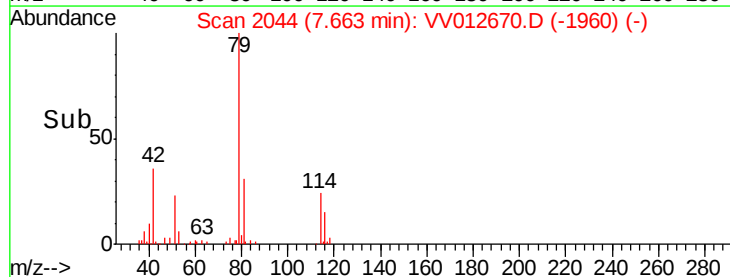
400

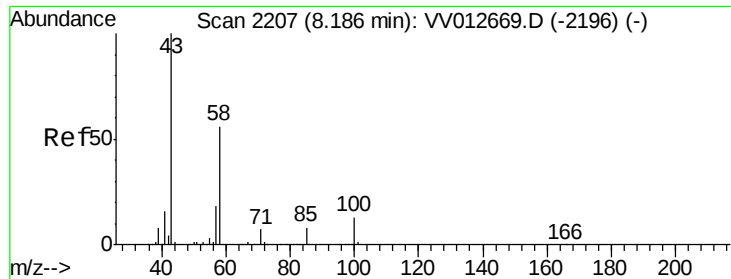
200

0

7.65 7.70

Time-->





#48

2-Hexanone

Concen: 3.158 ug/L

RT: 8.19 min Scan# 2208

Delta R.T. 0.00 min

Lab File: VV012670.D

Acq: 11 Sep 2019 13:51

Instrument :

MSVOA_V

ClientSampleId :

VBLK53

Tgt Ion: 43 Resp: 38628

Ion Ratio Lower Upper

43 100

58 38.1 44.8 67.2#

57 14.4 14.9 22.3#

100 7.9 9.8 14.8#

