

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR041119\
 Data File : VR026584.D
 Acq On : 12 Apr 2019 00:00
 Operator : SY/MD
 Sample : K2353-08
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 ETJ64

Quant Time: Apr 12 02:12:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR041119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Apr 12 02:06:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	549420	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	460779	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	143427	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	173727	4.22	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.40%
7) Chloroethane-d5	2.63	69	158418	4.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.40%
11) 1,1-Dichloroethene-d2	3.60	63	371551	3.22	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.40%
20) 2-Butanone-d5	6.59	46	182527	46.59	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.18%
24) Chloroform-d	7.20	84	358914	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.40%
26) 1,2-Dichloroethane-d4	7.89	65	157550	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
32) Benzene-d6	7.85	84	641569	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.00%
36) 1,2-Dichloropropane-d6	8.90	67	177642	4.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.60%
41) Toluene-d8	9.97	98	567879	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.20%
43) trans-1,3-Dichloropropene-	10.23	79	35223	3.49	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.80%
46) 2-Hexanone-d5	10.59	63	150418	49.93	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.86%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	69471	4.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.80%
64) 1,2-Dichlorobenzene-d4	13.51	152	118229	5.13	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.60%

Target Compounds

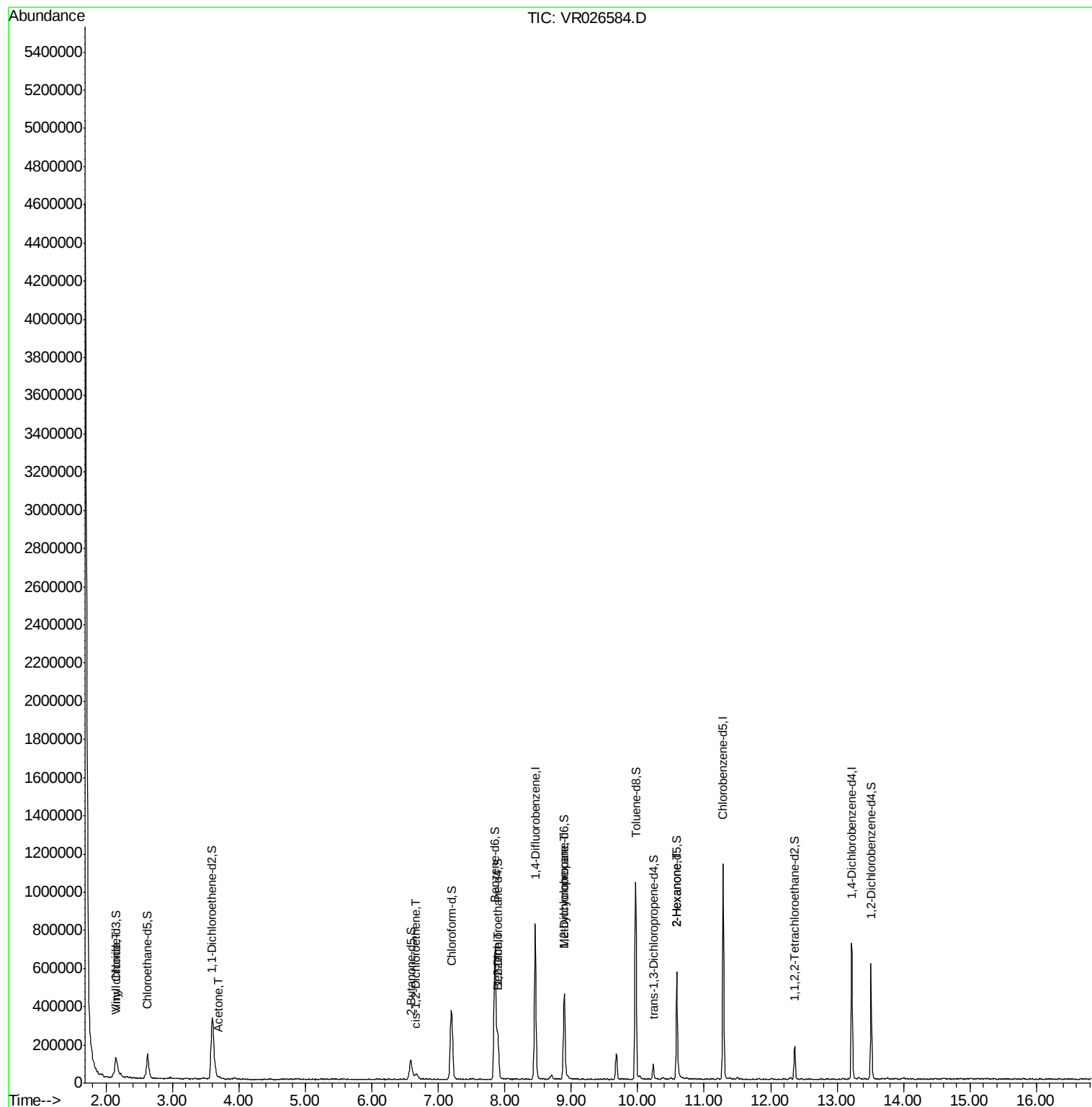
					Ovalue
5) Vinyl chloride	2.16	62	28571	0.468 ug/L	91
13) Acetone	3.69	43	11146	2.758 ug/L	79
22) cis-1,2-Dichloroethene	6.67	96	12567	0.323 ug/L #	94
33) Benzene	7.90	78	47822	0.271 ug/L	100
35) Methylcyclohexane	8.89	83	43575	0.671 ug/L #	16
48) 2-Hexanone	10.59	43	26996	3.364 ug/L #	75

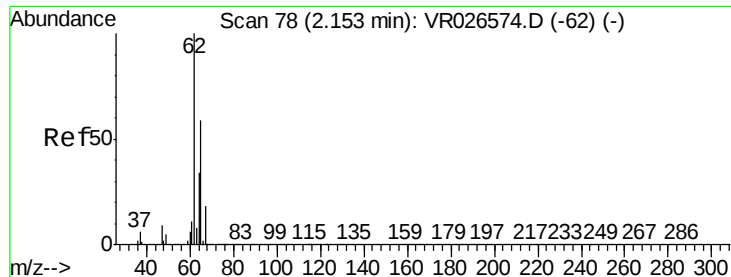
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.468 ug/L

RT: 2.16 min Scan# 79

Delta R.T. 0.01 min

Lab File: VR026584.D

Acq: 12 Apr 2019 00:00

Instrument :

MSVOA_R

ClientSampled :

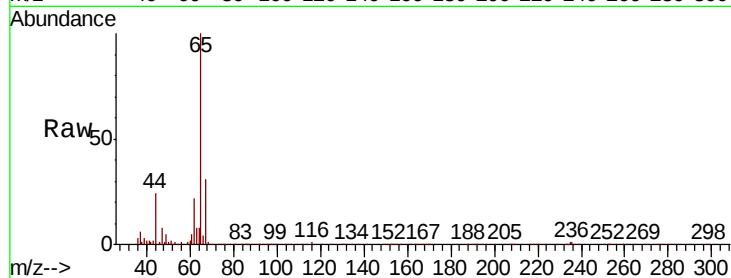
ETJ64

Tot Ion: 62 Resp: 28571

Ion Ratio Lower Upper

62 100

64 35.6 21.6 40.2



Abundance Ion 62.00 (61.70 to 62.70): VR0

Ion 64.10 (63.80 to 64.80): VR0

2.16

10000

8000

6000

4000

2000

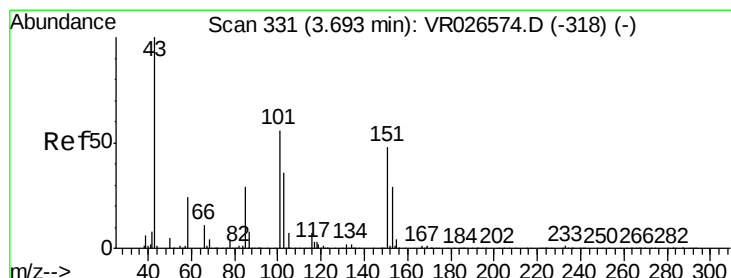
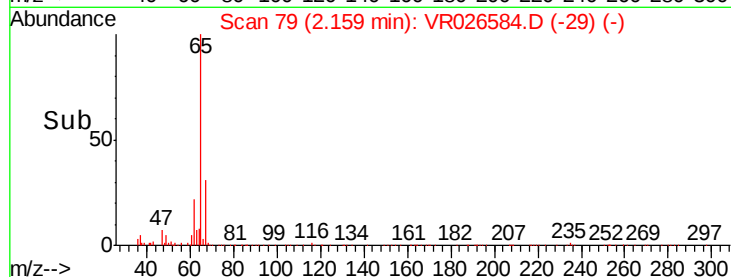
0

Time-->

2.10

2.20

2.30



#13

Acetone

Concen: 2.758 ug/L

RT: 3.69 min Scan# 331

Delta R.T. -0.00 min

Lab File: VR026584.D

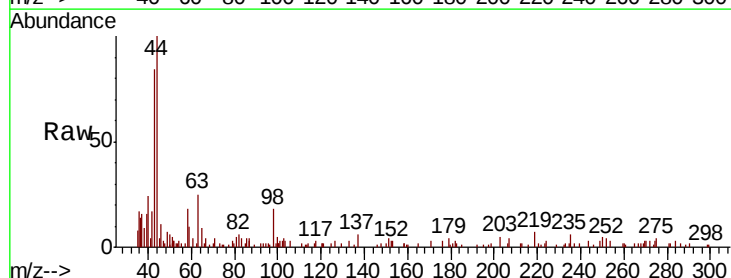
Acq: 12 Apr 2019 00:00

Tgt Ion: 43 Resp: 11146

Ion Ratio Lower Upper

43 100

58 14.4 0.0 49.4



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0

3.69

4000

3000

2000

1000

0

Time-->

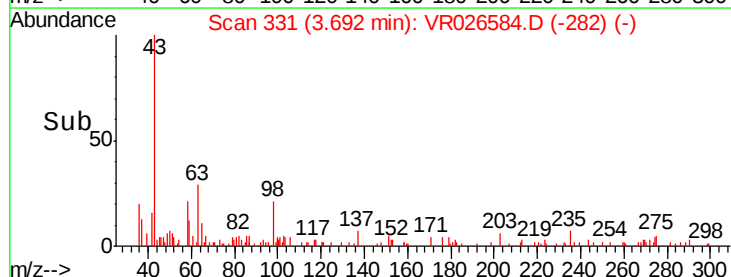
3.60

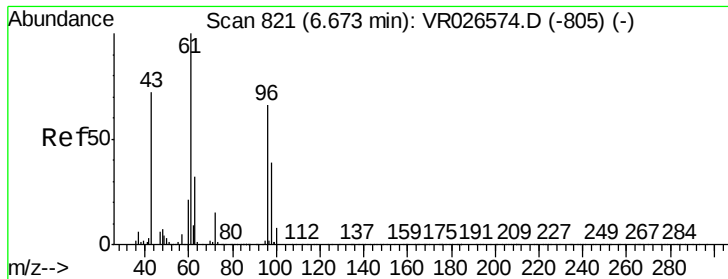
3.65

3.70

3.75

3.80





#22

cis-1,2-Dichloroethene

Concen: 0.323 ug/L

RT: 6.67 min Scan# 820

Delta R.T. -0.01 min

Lab File: VR026584.D

Acq: 12 Apr 2019 00:00

Instrument :

MSVOA_R

ClientSampleId :

ETJ64

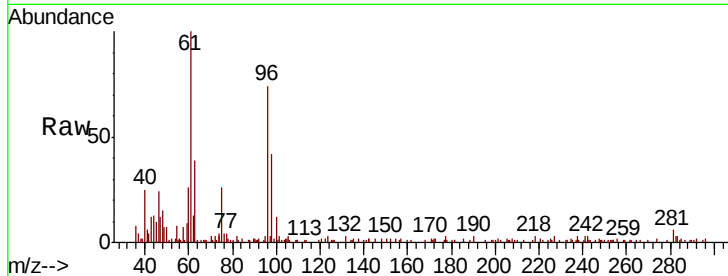
Tot Ion: 96 Resp: 12567

Ion Ratio Lower Upper

96 100

61 134.2 99.3 184.5

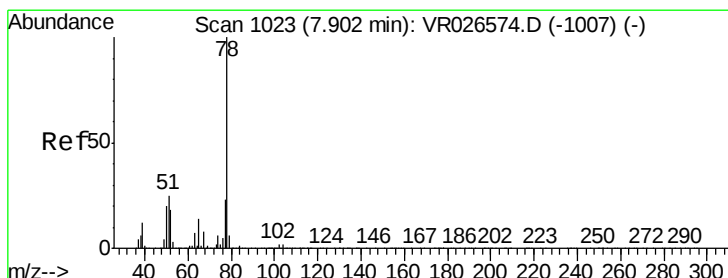
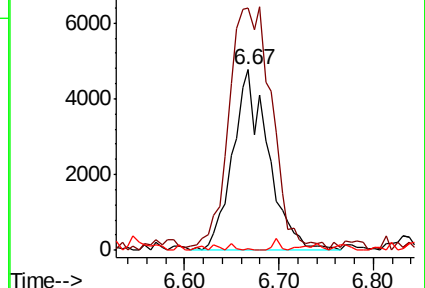
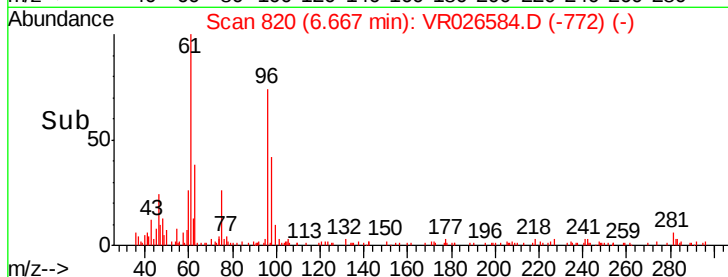
68 1.2 0.1 0.3#



Abundance Ion 96.00 (95.70 to 96.70): VR0

Ion 61.05 (60.75 to 61.75): VR0

Ion 68.15 (67.85 to 68.85): VR0



#33

Benzene

Concen: 0.271 ug/L

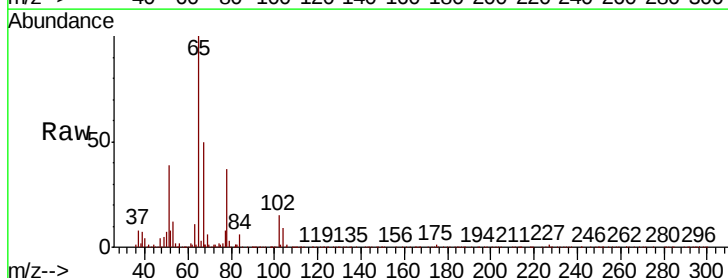
RT: 7.90 min Scan# 1023

Delta R.T. -0.00 min

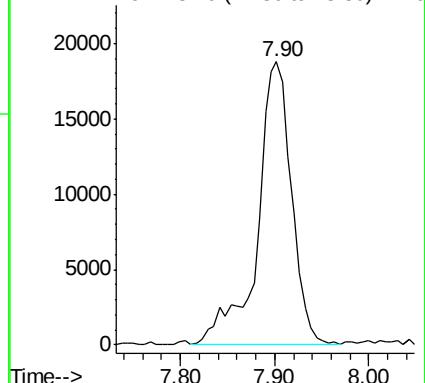
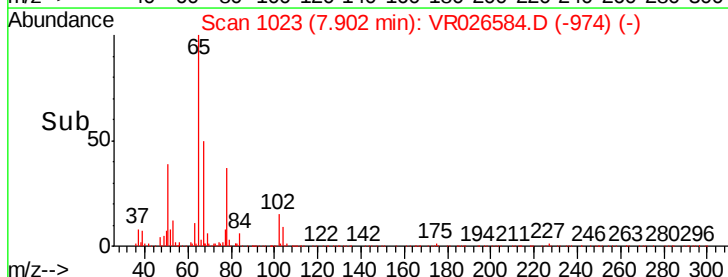
Lab File: VR026584.D

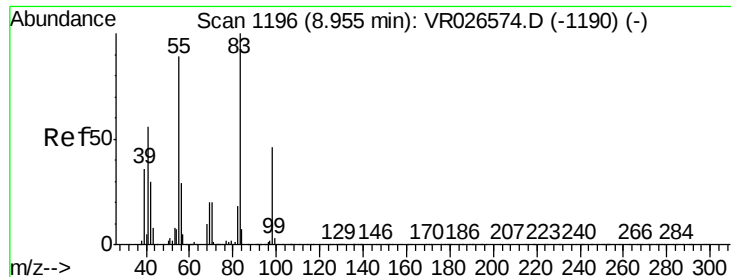
Acq: 12 Apr 2019 00:00

Tgt Ion: 78 Resp: 47822



Abundance Ion 78.10 (77.80 to 78.80): VR0

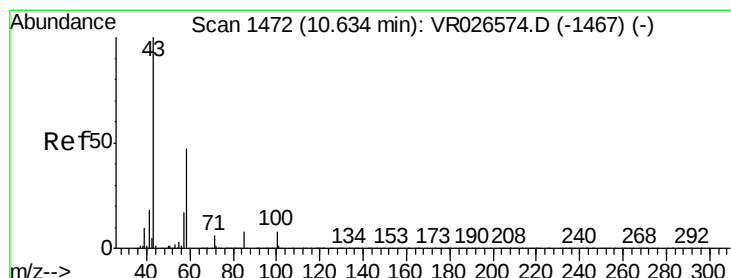
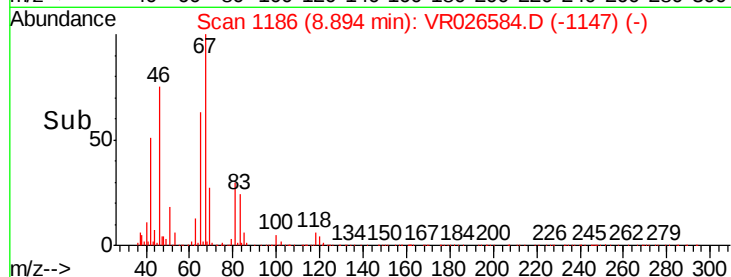
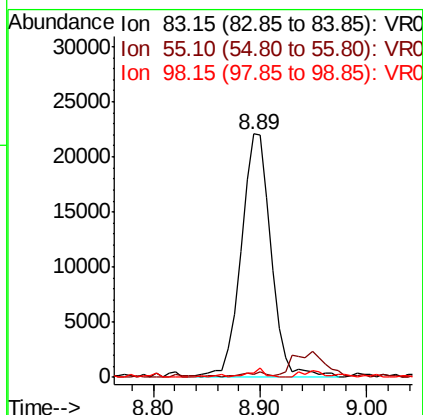
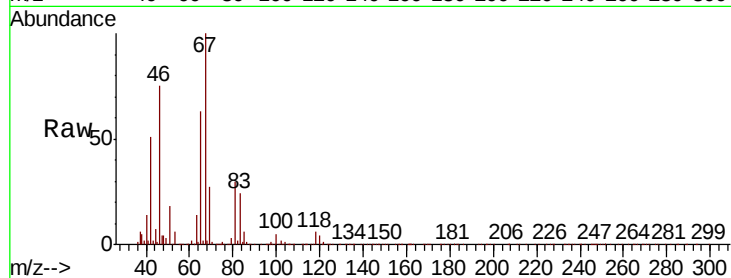




#35
Methylcyclohexane
Concen: 0.671 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.06 min
Lab File: VR026584.D
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Instrument :
MSVOA_R
ClientSampleId :
ETJ64

Tot Ion: 83 Resp: 43575
Ion Ratio Lower Upper
83 100
55 1.8 70.7 106.1#
98 2.0 36.0 54.0#



#48
2-Hexanone
Concen: 3.364 ug/L
RT: 10.59 min Scan# 1465
Delta R.T. -0.04 min
Lab File: VR026584.D
Acq: 12 Apr 2019 00:00

Tgt Ion: 43 Resp: 26996
Ion Ratio Lower Upper
43 100
58 27.7 37.2 55.8#
57 26.9 13.4 20.0#
100 6.1 6.4 9.6#

