

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042220\
 Data File : VV015638.D
 Acq On : 22 Apr 2020 21:57
 Operator : SY/MD
 Sample : L2370-02
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 23 03:11:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 23 03:05:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	128557	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	124740	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	59328	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	31858	4.74	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.80%
7) Chloroethane-d5	1.57	69	29996	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.60%
11) 1,1-Dichloroethene-d2	2.12	63	50030	3.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.00%
20) 2-Butanone-d5	3.95	46	101129	46.88	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.76%
24) Chloroform-d	4.38	84	71216	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
26) 1,2-Dichloroethane-d4	5.06	65	42510	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
32) Benzene-d6	5.07	84	138718	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
36) 1,2-Dichloropropane-d6	6.09	67	43962	4.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.40%
41) Toluene-d8	7.34	98	126896	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
43) trans-1,3-Dichloropropene-	7.65	79	12691	3.45	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.00%
46) 2-Hexanone-d5	8.11	63	78040	43.50	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.00%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	32338	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.20%
64) 1,2-Dichlorobenzene-d4	11.65	152	48734	4.83	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.60%

Target Compounds

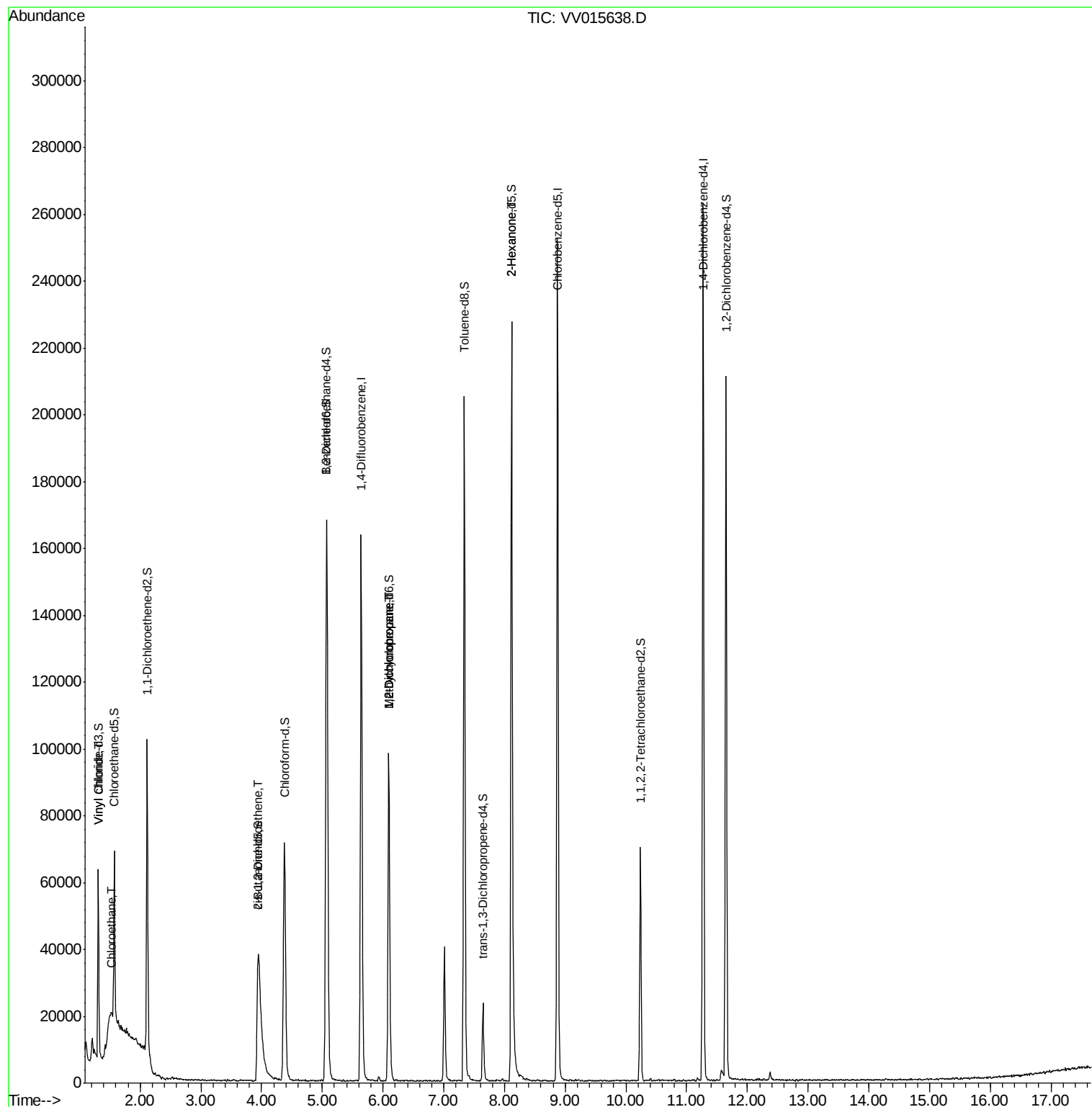
					Ovalue
5) Vinyl chloride	1.32	62	1489	0.146 ug/L #	35
8) Chloroethane	1.53	64	41645	6.232 ug/L #	52
22) cis-1,2-Dichloroethene	3.94	96	1979	0.214 ug/L	99
35) Methylcyclohexane	6.09	83	11206	0.742 ug/L #	16
37) 1,2-Dichloropropane	6.09	63	5682	0.627 ug/L #	86
48) 2-Hexanone	8.12	43	13511	3.223 ug/L #	72

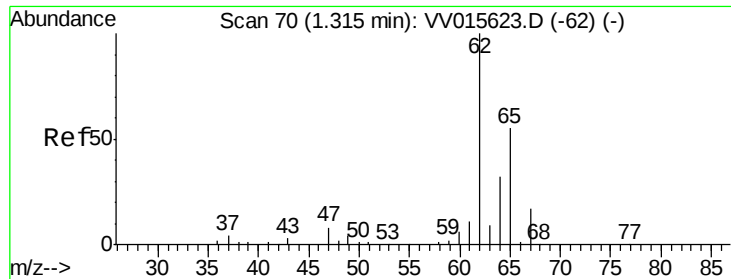
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 23 03:05:46 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.146 ug/L

RT: 1.32 min Scan# 70

Delta R.T. -0.00 min

Lab File: VV015638.D

Acq: 22 Apr 2020 21:57

Instrument :

MSVOA_V

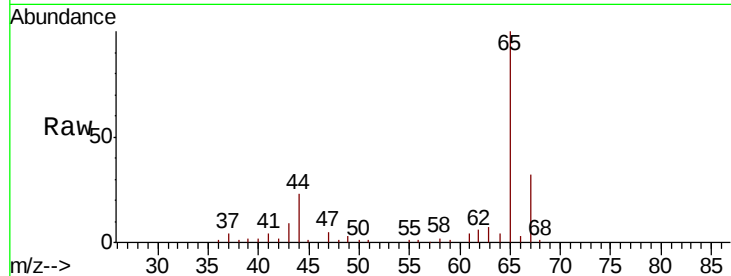
ClientSampleId :

Tot Ion: 62 Resp: 1489

Ion Ratio Lower Upper

62 100

64 68.9 22.7 42.1#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0

1.32

1500

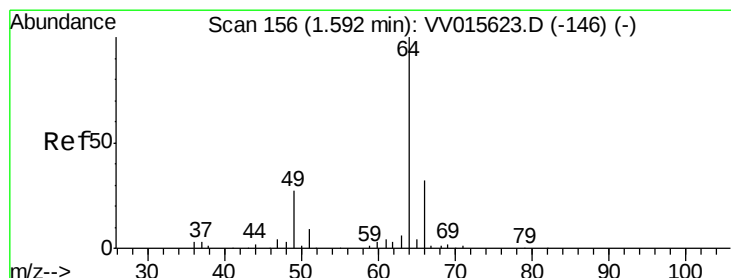
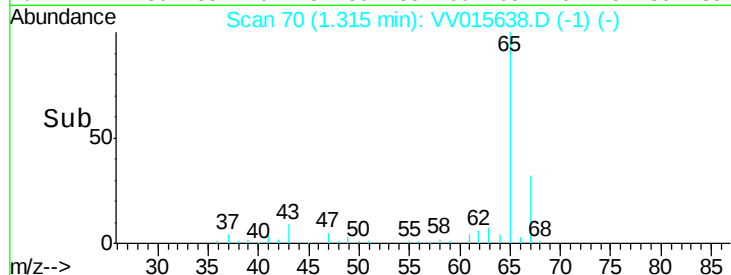
1000

500

0

Time-->

1.28 1.30 1.32 1.34 1.36



#8

Chloroethane

Concen: 6.232 ug/L

RT: 1.53 min Scan# 136

Delta R.T. -0.06 min

Lab File: VV015638.D

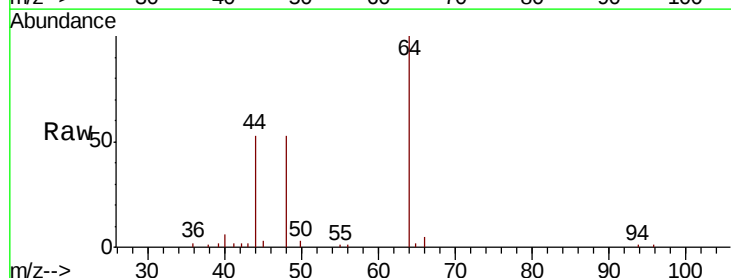
Acq: 22 Apr 2020 21:57

Tgt Ion: 64 Resp: 41645

Ion Ratio Lower Upper

64 100

66 5.2 22.3 41.5#



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0

10000

8000

6000

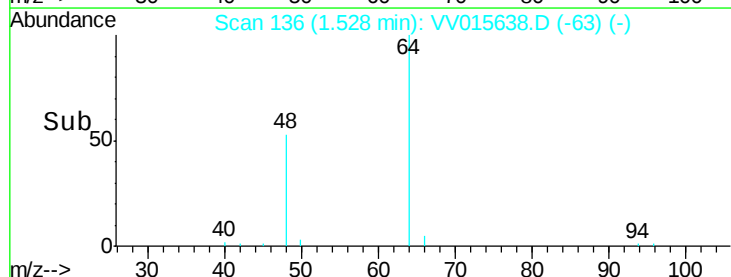
4000

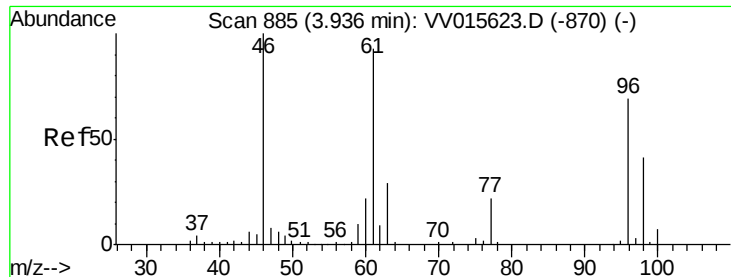
2000

0

Time-->

1.40 1.50



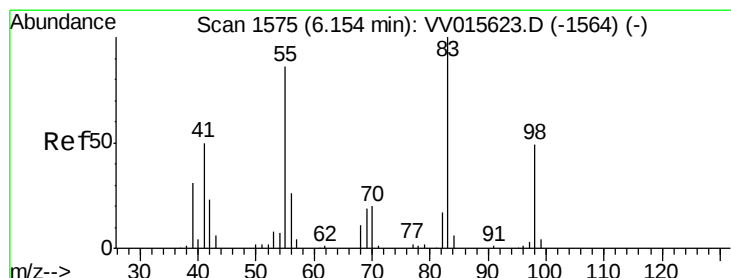
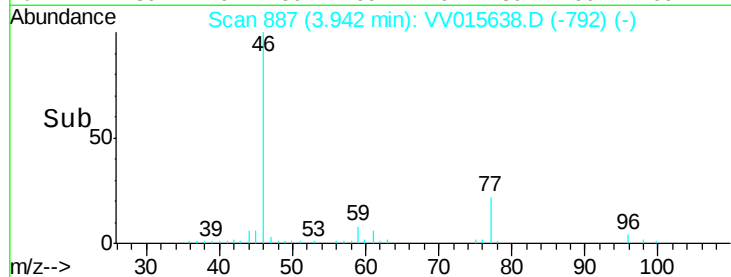
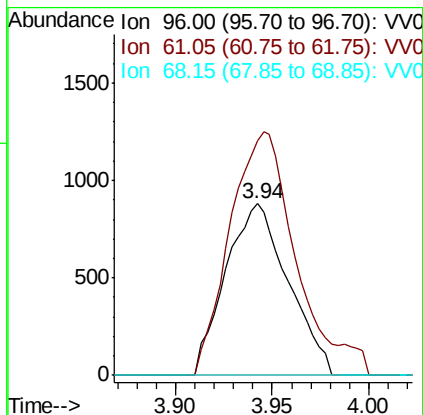
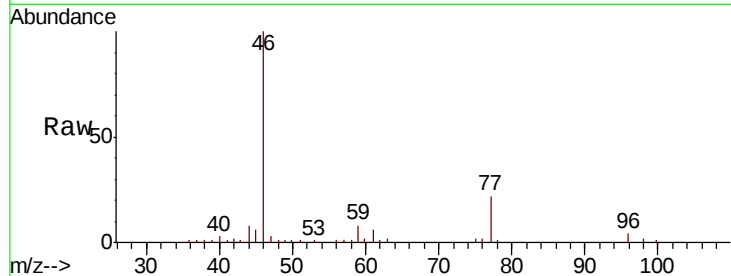


#22

cis-1,2-Dichloroethene
 Concen: 0.214 ug/L
 RT: 3.94 min Scan# 887
 Delta R.T. 0.01 min
 Lab File: VV015638.D
 Acq: 22 Apr 2020 21:57

Instrument :
 MSVOA_V
 ClientSampleId :

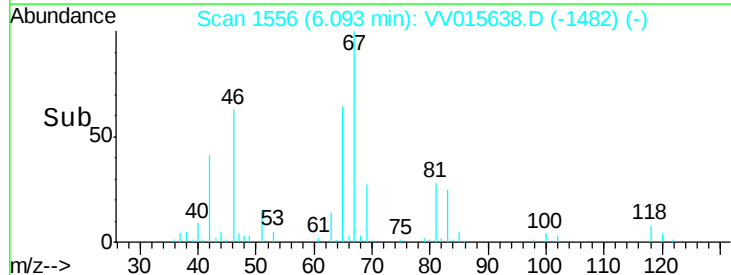
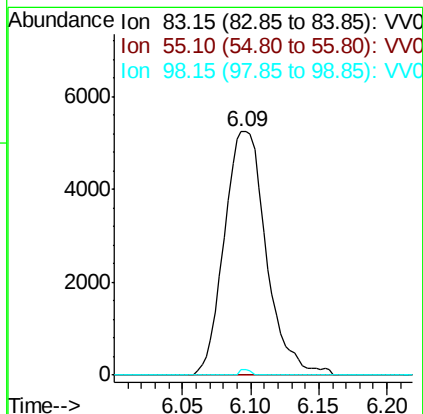
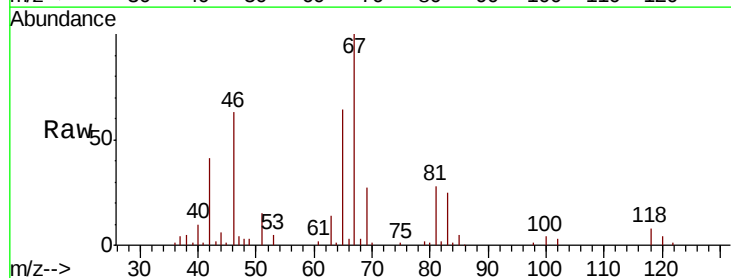
Tot Ion: 96 Resp: 1979
 Ion Ratio Lower Upper
 96 100
 61 136.3 96.4 179.0
 68 0.0 0.0 0.0

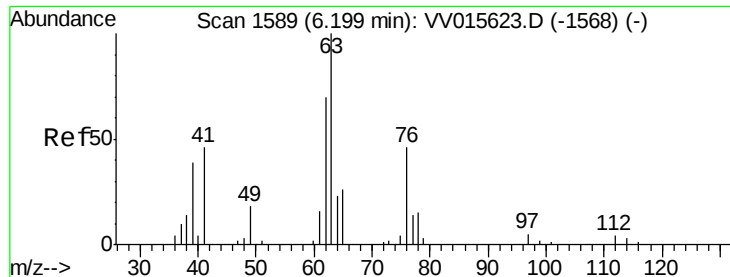


#35

Methylcyclohexane
 Concen: 0.742 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.06 min
 Lab File: VV015638.D
 Acq: 22 Apr 2020 21:57

Tgt Ion: 83 Resp: 11206
 Ion Ratio Lower Upper
 83 100
 55 0.0 66.6 99.8#
 98 0.6 39.5 59.3#





#37

1,2-Dichloropropane

Concen: 0.627 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.11 min

Lab File: VV015638.D

Acq: 22 Apr 2020 21:57

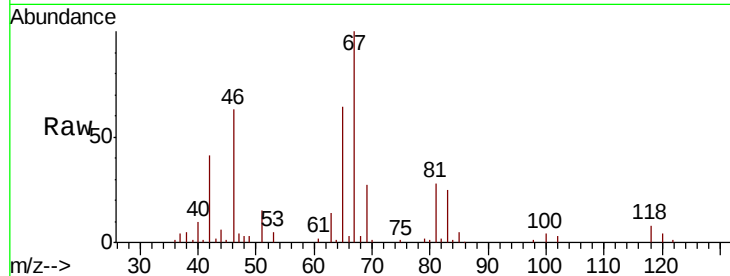
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 63 Resp: 5682

Ion Ratio Lower Upper

63 100

112 0.0 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VV015623.D (-1568) (-)

Ion 112.10 (111.80 to 112.80): VV015623.D (-1568) (-)

6.09

3000

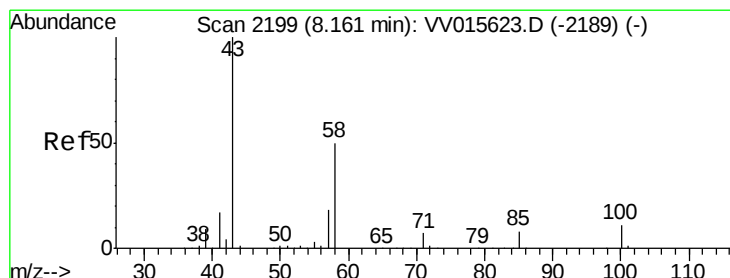
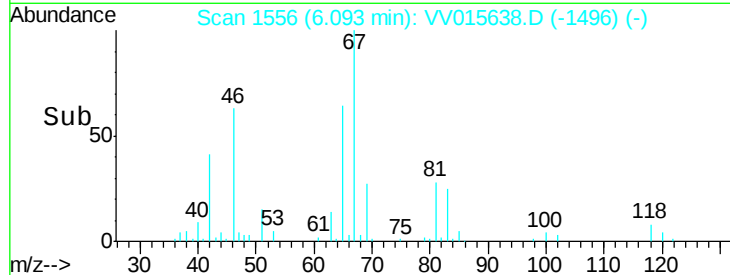
2000

1000

0

Time-->

6.05 6.10 6.15



#48

2-Hexanone

Concen: 3.223 ug/L

RT: 8.12 min Scan# 2185

Delta R.T. -0.05 min

Lab File: VV015638.D

Acq: 22 Apr 2020 21:57

Tgt Ion: 43 Resp: 13511

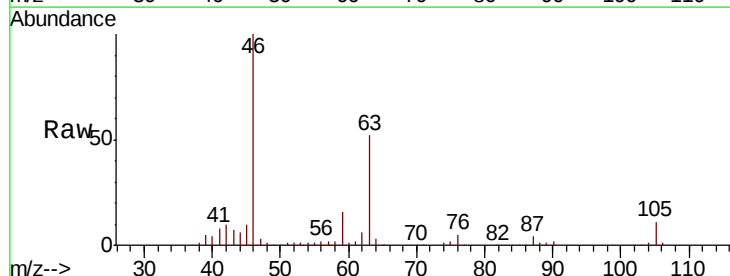
Ion Ratio Lower Upper

43 100

58 28.1 41.1 61.7#

57 23.7 15.0 22.4#

100 0.0 9.0 13.4#



Abundance Ion 43.05 (42.75 to 43.75): VV015623.D (-2189) (-)

Ion 58.05 (57.75 to 58.75): VV015623.D (-2189) (-)

Ion 57.20 (56.90 to 57.90): VV015623.D (-2189) (-)

Ion 100.15 (99.85 to 100.85): VV015623.D (-2189) (-)

8.12

8000

6000

4000

2000

0

Time-->

8.05 8.10 8.15 8.20

