

Data File : VV012558.D
Acq On : 04 Sep 2019 10:54
Operator : SY/MD
Sample : K4605-01RE
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AA0RE

Quant Time: Sep 05 01:29:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 05 01:26:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	145553	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	145806	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	50150	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	47673	3.37	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.40%
7) Chloroethane-d5	1.58	69	47280	3.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	67.60%
11) 1,1-Dichloroethene-d2	2.13	63	83368	2.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	48.40%#
20) 2-Butanone-d5	3.97	46	86291	32.03	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	64.06%
24) Chloroform-d	4.40	84	73937	3.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	68.00%#
26) 1,2-Dichloroethane-d4	5.08	65	41546	3.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.80%
32) Benzene-d6	5.09	84	134611	3.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	65.60%#
36) 1,2-Dichloropropane-d6	6.11	67	45706	3.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	70.80%
41) Toluene-d8	7.36	98	106446	2.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	57.40%#
43) trans-1,3-Dichloropropene-	7.66	79	14312	3.03	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	60.60%
46) 2-Hexanone-d5	8.14	63	46218	26.17	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	52.34%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	28591	3.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	62.60%#
64) 1,2-Dichlorobenzene-d4	11.67	152	33408	3.63	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	72.60%#

Target Compounds

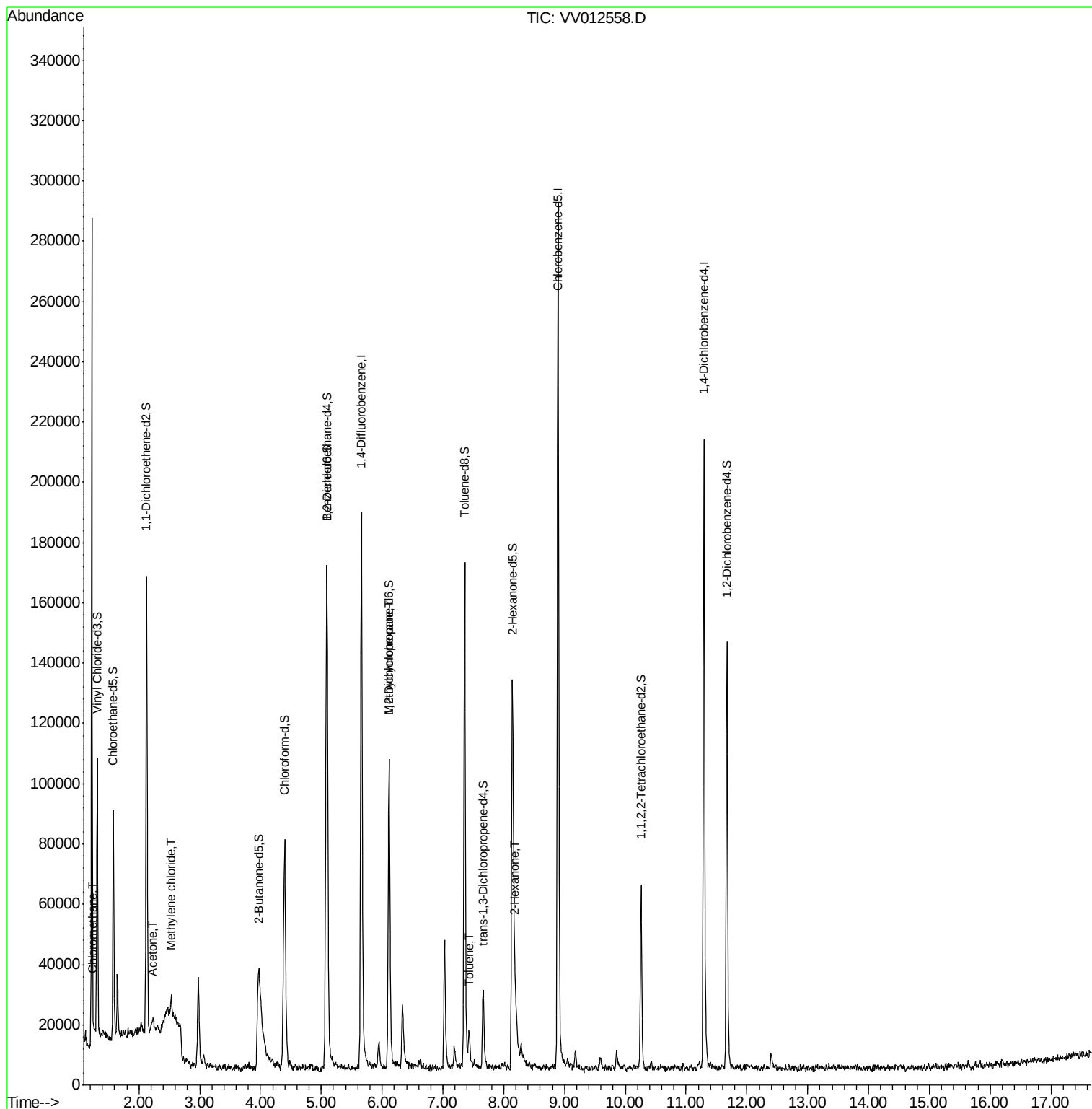
					Qvalue
3) Chloromethane	1.25	50	2222	0.101 ug/L	92
13) Acetone	2.22	43	5149	1.347 ug/L	88
16) Methylene chloride	2.53	84	2636	0.122 ug/L	93
35) Methylcyclohexane	6.12	83	11049	0.438 ug/L #	18
42) Toluene	7.43	91	7139	0.110 ug/L	98
48) 2-Hexanone	8.19	43	5893	0.903 ug/L #	72

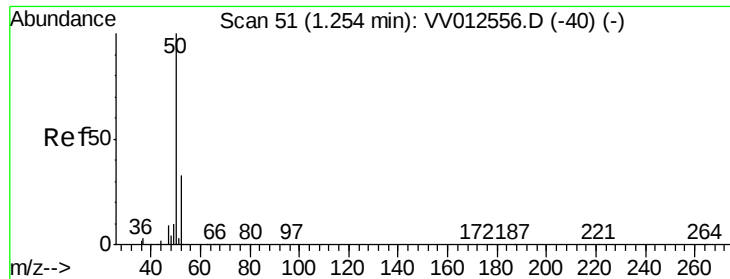
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.101 ug/L

RT: 1.25 min Scan# 50

Delta R.T. -0.00 min

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Acq: 04 Sep 2019 10:54

Instrument :

MSVOA_V

ClientSampleId :

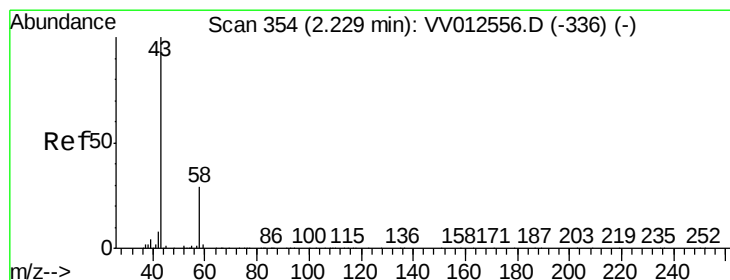
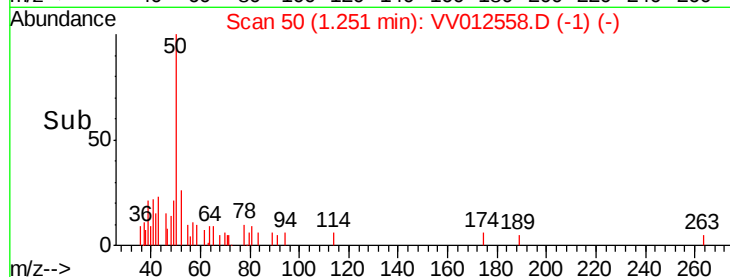
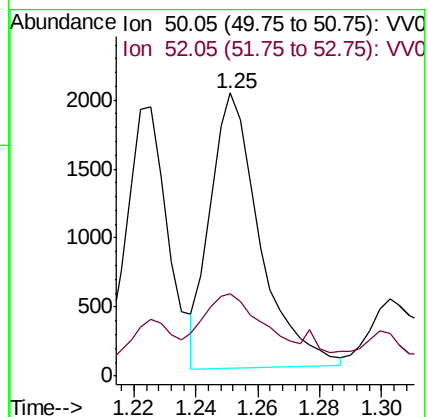
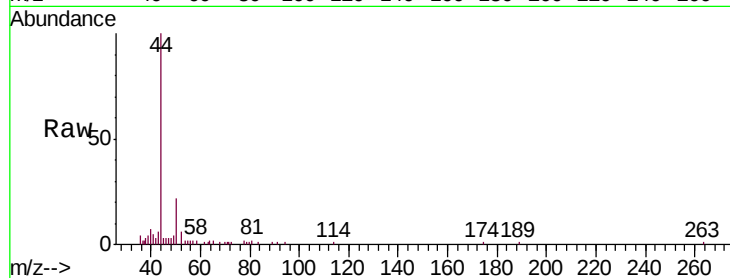
C0AA0RE

Tgt Ion: 50 Resp: 2222

Ion Ratio Lower Upper

50 100

52 29.3 23.5 43.7



#13

Acetone

Concen: 1.347 ug/L

RT: 2.22 min Scan# 351

Delta R.T. -0.01 min

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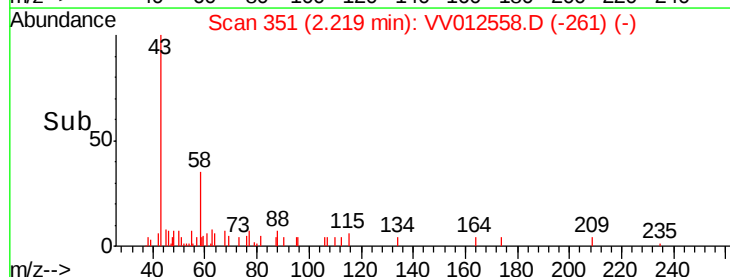
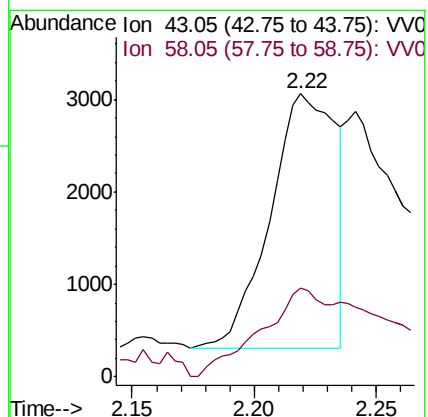
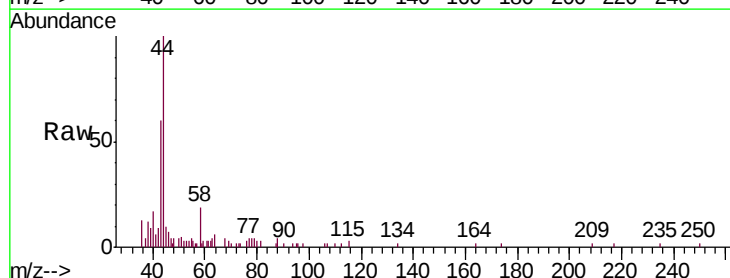
Acq: 04 Sep 2019 10:54

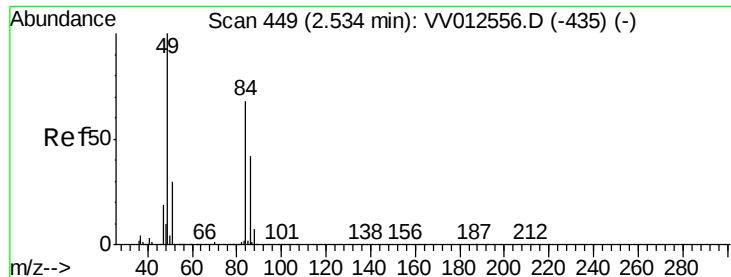
Tgt Ion: 43 Resp: 5149

Ion Ratio Lower Upper

43 100

58 35.5 0.0 58.2

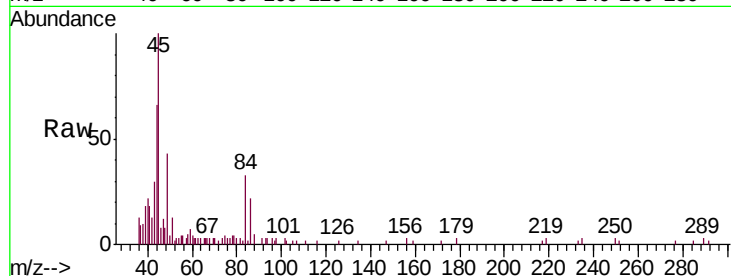




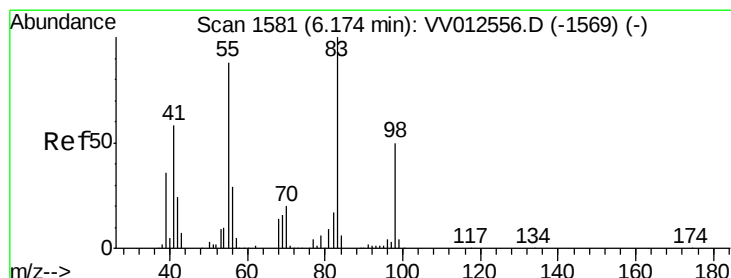
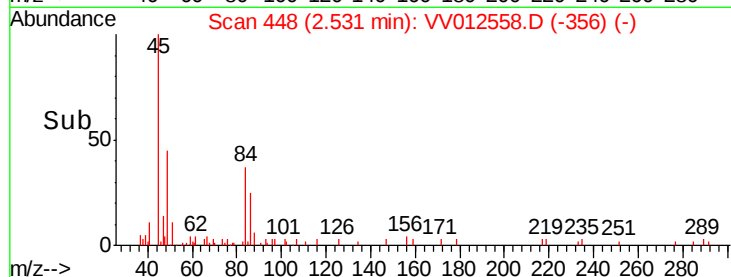
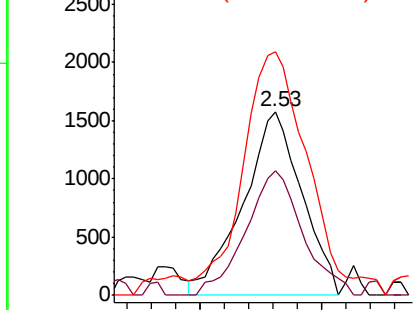
#16
Methylene chloride
Concen: 0.122 ug/L
RT: 2.53 min Scan# 448
Delta R.T. -0.00 min
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Acq: 04 Sep 2019 10:54

Instrument :
MSVOA_V
ClientSampled :
C0AA0RE

Tgt Ion: 84 Resp: 2636
Ion Ratio Lower Upper
84 100
86 67.9 45.2 84.0
49 132.3 100.4 186.4

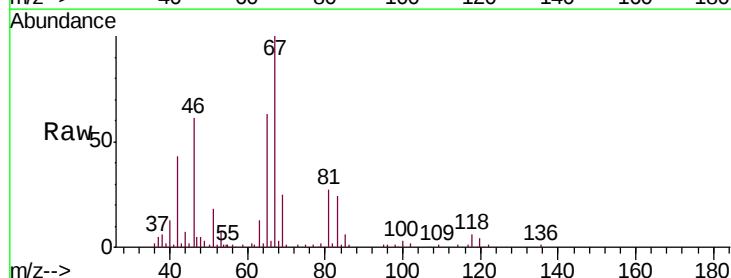


Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0

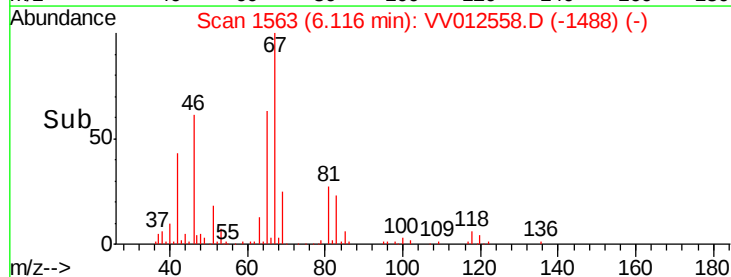
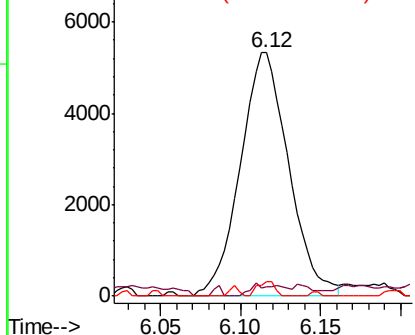


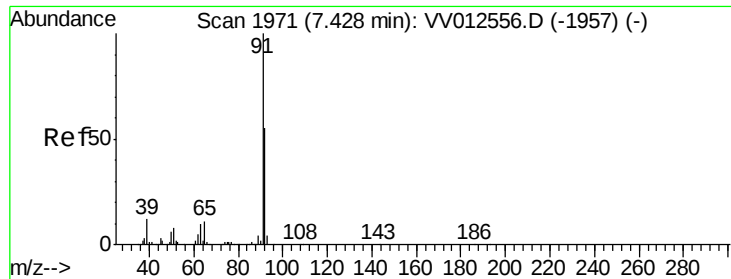
#35
Methylcyclohexane
Concen: 0.438 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV012558.D
Acq: 04 Sep 2019 10:54

Tgt Ion: 83 Resp: 11049
Ion Ratio Lower Upper
83 100
55 1.6 67.3 100.9#
98 2.2 37.4 56.2#



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





#42

Toluene

Concen: 0.110 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV012558.D

Acq: 04 Sep 2019 10:54

Instrument :

MSVOA_V

ClientSampleId :

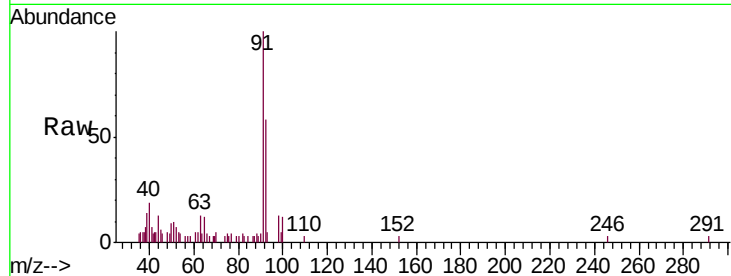
C0AA0RE

Tgt Ion: 91 Resp: 7139

Ion Ratio Lower Upper

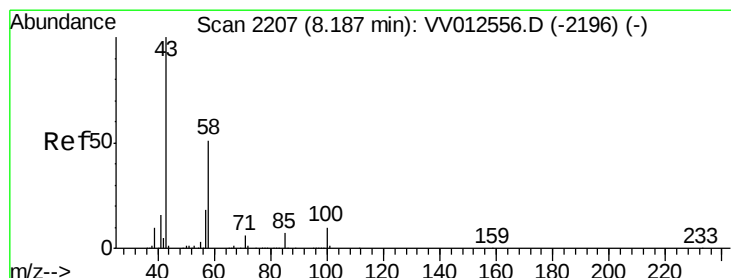
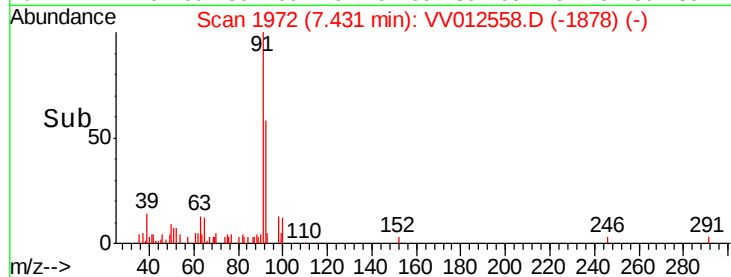
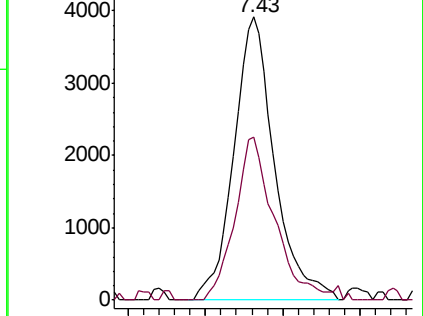
91 100

92 57.8 39.6 73.6



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0



#48

2-Hexanone

Concen: 0.903 ug/L

RT: 8.19 min Scan# 2208

Delta R.T. 0.00 min

Lab File: VV012558.D

Acq: 04 Sep 2019 10:54

Tgt Ion: 43 Resp: 5893

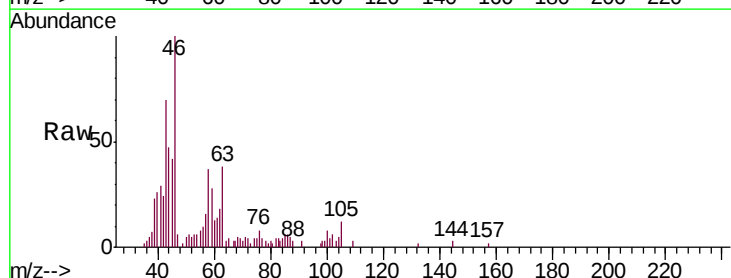
Ion Ratio Lower Upper

43 100

58 28.2 40.0 60.0#

57 2.5 13.4 20.2#

100 10.5 8.2 12.2



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0

