

Data File : VV012252.D
Acq On : 15 Aug 2019 16:42
Operator : SY/MD
Sample : K4373-01
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AA4

Quant Time: Aug 16 04:24:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Aug 16 04:21:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	155850	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	160632	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	70260	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	41252	4.30	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.00%
7) Chloroethane-d5	1.58	69	28433	3.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.40%
11) 1,1-Dichloroethene-d2	2.13	63	49936	3.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.60%
20) 2-Butanone-d5	3.93	46	86216	41.57	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.14%
24) Chloroform-d	4.40	84	89522	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	5.08	65	43450	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
32) Benzene-d6	5.10	84	177309	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.20%
36) 1,2-Dichloropropane-d6	6.12	67	51602	4.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.20%
41) Toluene-d8	7.36	98	162879	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
43) trans-1,3-Dichloropropene-	7.66	79	20048	4.37	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.40%
46) 2-Hexanone-d5	8.13	63	61612	41.90	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.80%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	37933	4.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	65879	5.54	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.80%

Target Compounds

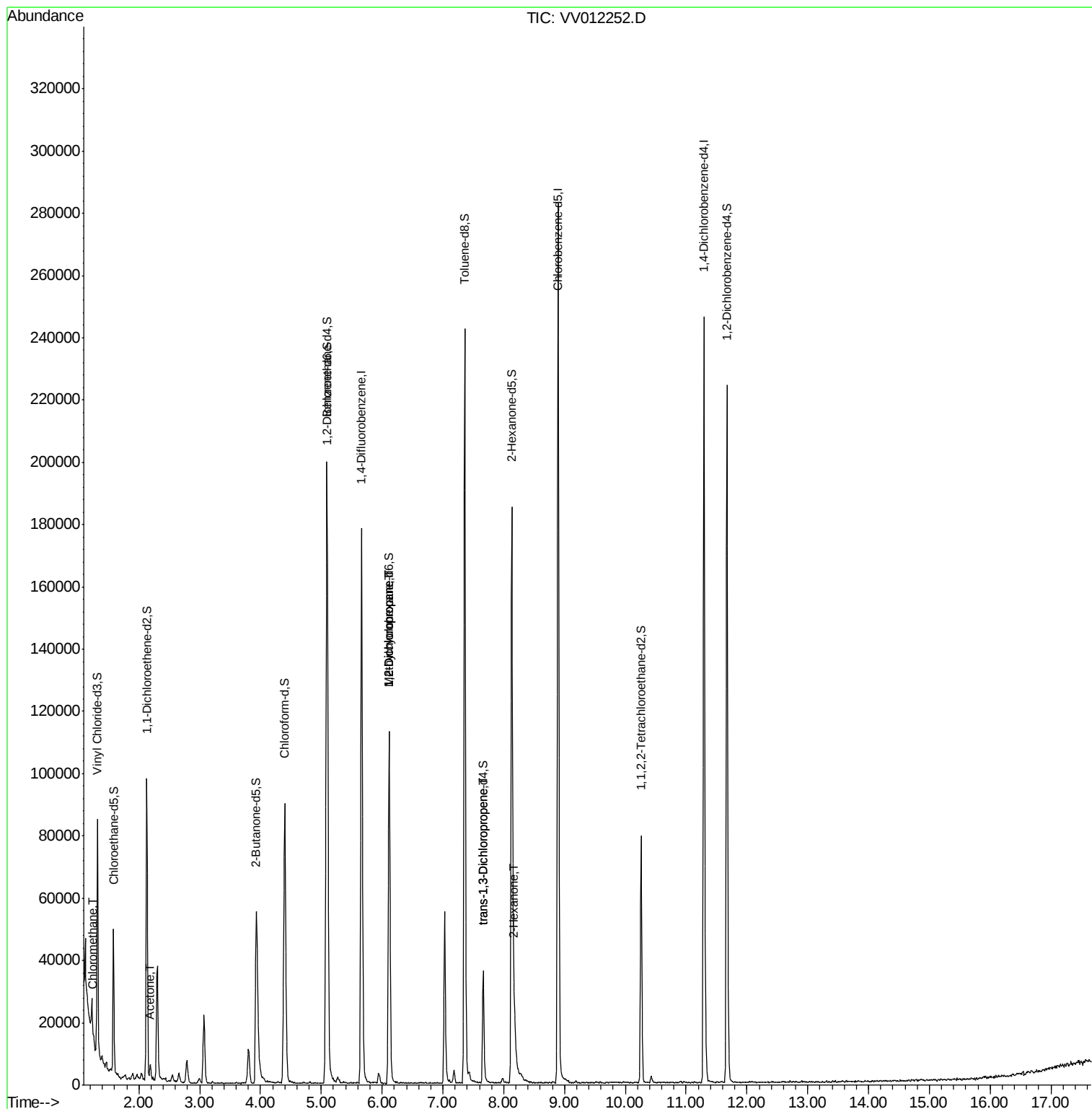
					Qvalue
3) Chloromethane	1.25	50	1291	0.095 ug/L	84
13) Acetone	2.19	43	3569	2.762 ug/L	85
35) Methylcyclohexane	6.12	83	13521	0.663 ug/L #	18
37) 1,2-Dichloropropane	6.11	63	6310	0.522 ug/L #	85
44) trans-1,3-Dichloropropene	7.67	75	952	0.073 ug/L #	74
48) 2-Hexanone	8.18	43	7535	1.608 ug/L #	94

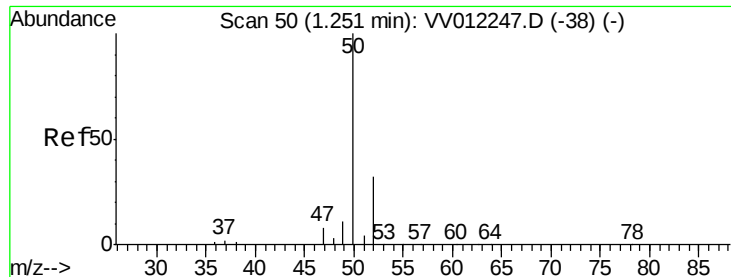
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.095 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

Lab File: VV012252.D

Acq: 15 Aug 2019 16:42

Instrument :

MSVOA_V

ClientSampled :

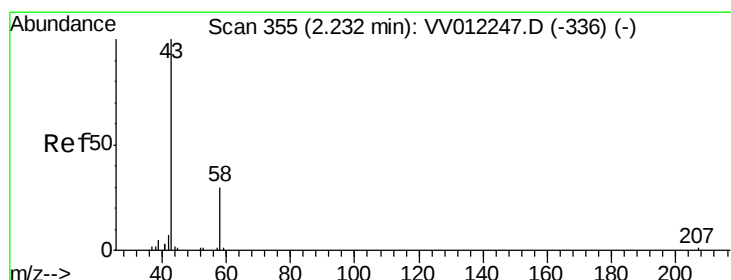
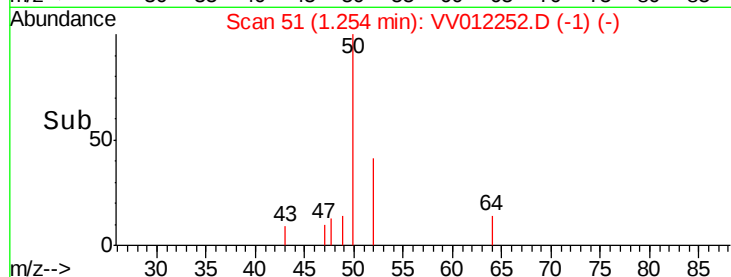
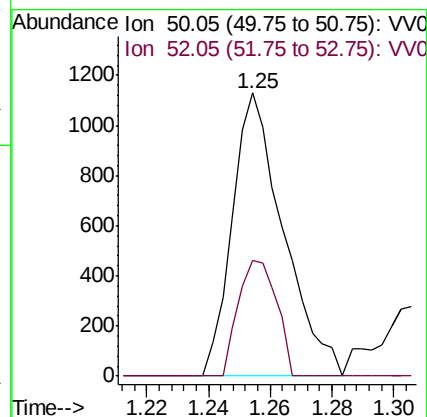
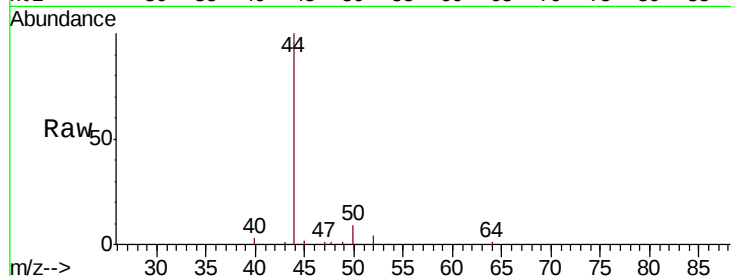
C0AA4

Tgt Ion: 50 Resp: 1291

Ion Ratio Lower Upper

50 100

52 41.1 22.6 42.0



#13

Acetone

Concen: 2.762 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.05 min

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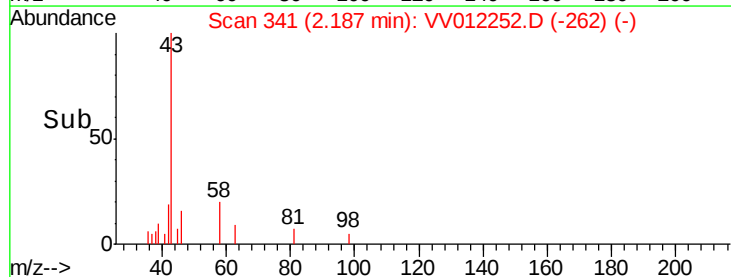
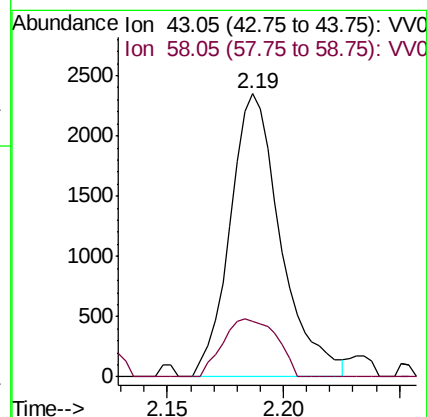
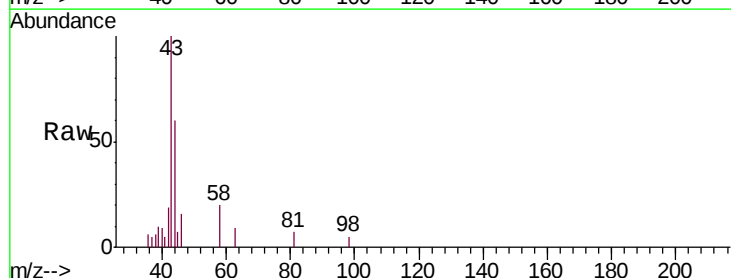
Acq: 15 Aug 2019 16:42

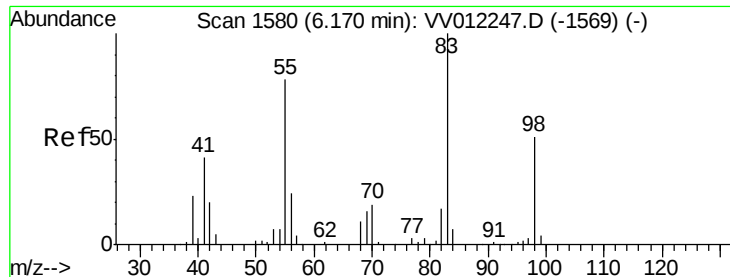
Tgt Ion: 43 Resp: 3569

Ion Ratio Lower Upper

43 100

58 21.8 0.0 59.4

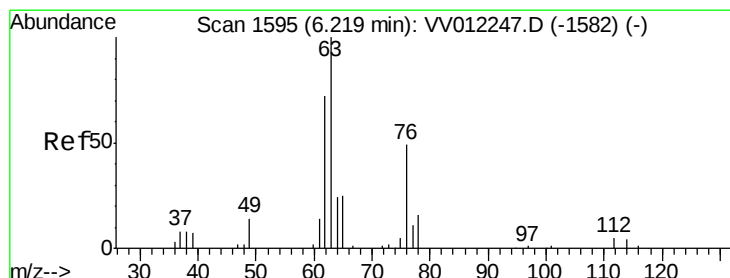
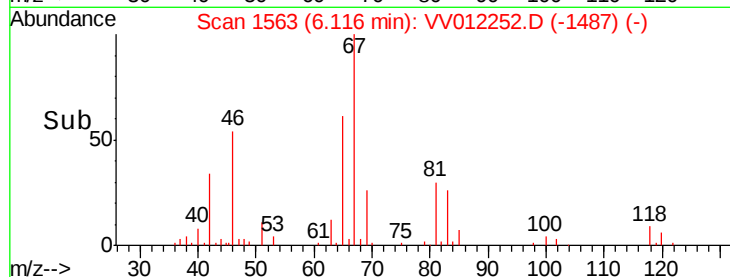
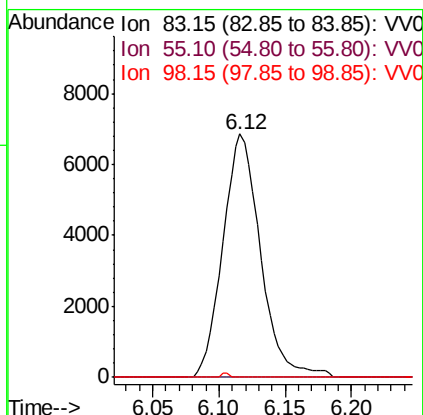
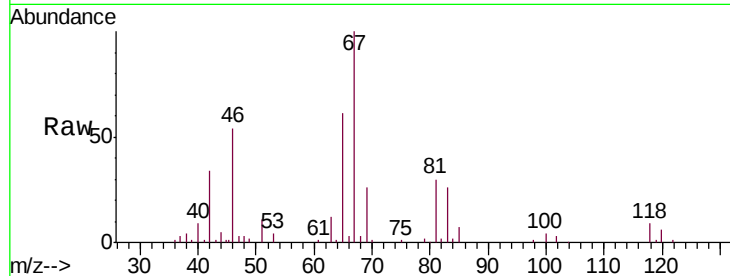




#35
Methylcyclohexane
Concen: 0.663 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV012252.D
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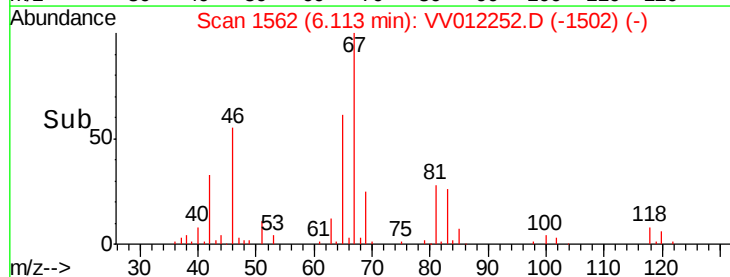
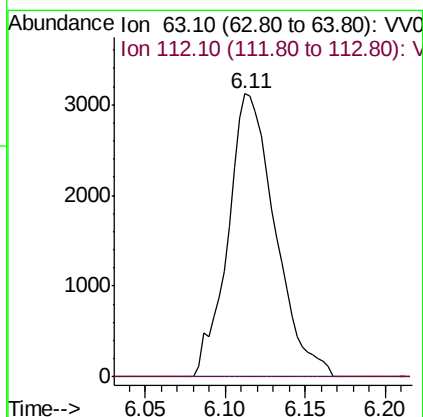
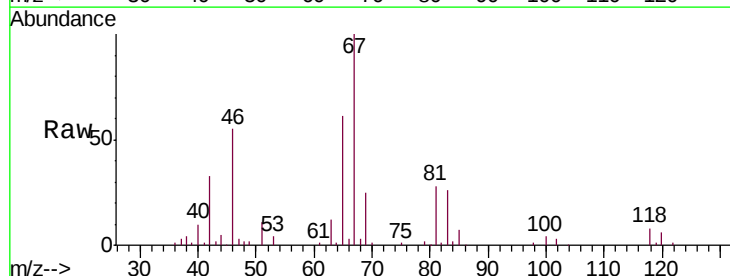
Instrument :
MSVOA_V
ClientSampleId :
C0AA4

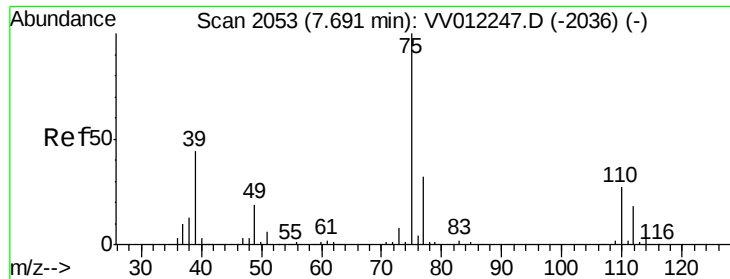
Tgt Ion: 83 Resp: 13521
Ion Ratio Lower Upper
83 100
55 0.0 62.2 93.2#
98 0.3 39.2 58.8#



#37
1,2-Dichloropropane
Concen: 0.522 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.11 min
Lab File: VV012252.D
Acq: 15 Aug 2019 16:42

Tgt Ion: 63 Resp: 6310
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#





#44

trans-1,3-Dichloropropene

Concen: 0.073 ug/L

RT: 7.67 min Scan# 2046

Delta R.T. -0.02 min

Lab File: VV012252.D

Acq: 15 Aug 2019 16:42

Instrument :

MSVOA_V

ClientSampled :

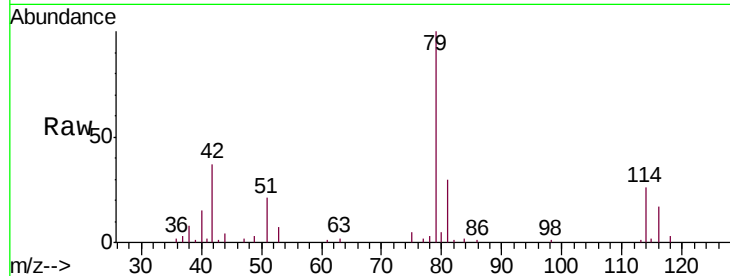
C0AA4

Tgt Ion: 75 Resp: 952

Ion Ratio Lower Upper

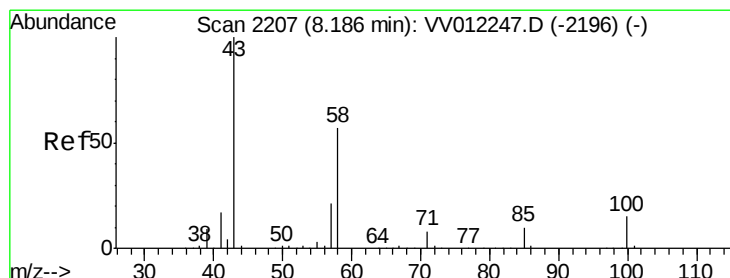
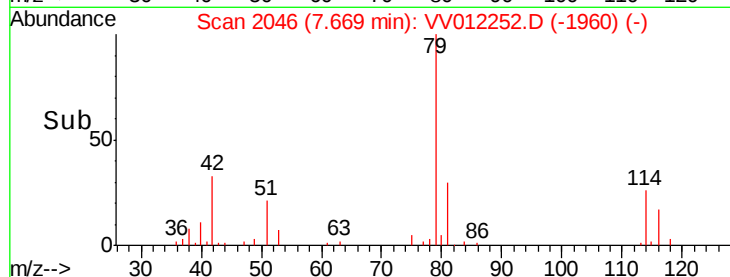
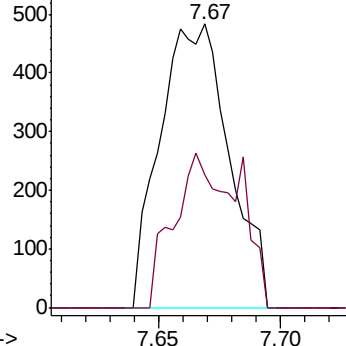
75 100

77 46.8 22.5 41.7#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#48

2-Hexanone

Concen: 1.608 ug/L

RT: 8.18 min Scan# 2204

Delta R.T. -0.01 min

Lab File: VV012252.D

Acq: 15 Aug 2019 16:42

Tgt Ion: 43 Resp: 7535

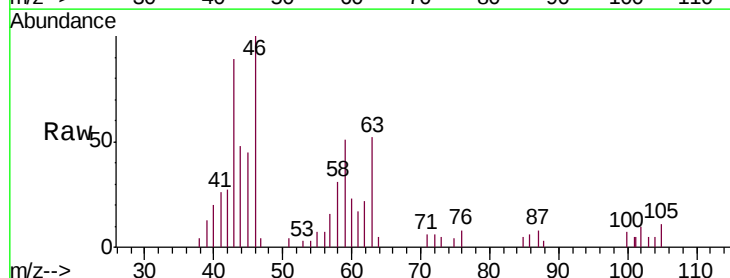
Ion Ratio Lower Upper

43 100

58 49.1 43.0 64.4

57 17.6 14.9 22.3

100 9.3 10.3 15.5#



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

