

Data File : VV007631.D
Acq On : 19 Sep 2018 04:40
Operator : SY/MD
Sample : J4874-08
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A3ZC5

Quant Time: Sep 19 08:40:22 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091818WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 19 04:15:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	109479	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	101034	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	52884	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	23402	4.48	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.60%
7) Chloroethane-d5	1.58	69	21778	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.00%
11) 1,1-Dichloroethene-d2	2.13	63	41558	3.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.80%
20) 2-Butanone-d5	3.97	46	53428	74.24	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	148.48%#
24) Chloroform-d	4.41	84	49783	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
26) 1,2-Dichloroethane-d4	5.09	65	26880	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
32) Benzene-d6	5.10	84	101330	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
36) 1,2-Dichloropropane-d6	6.13	67	29625	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.40%
41) Toluene-d8	7.36	98	100718	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
43) trans-1,3-Dichloropropene-	7.67	79	10662	3.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.20%
46) 2-Hexanone-d5	8.14	63	27187	56.23	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.46%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	18571	4.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	43542	4.70	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.00%

Target Compounds

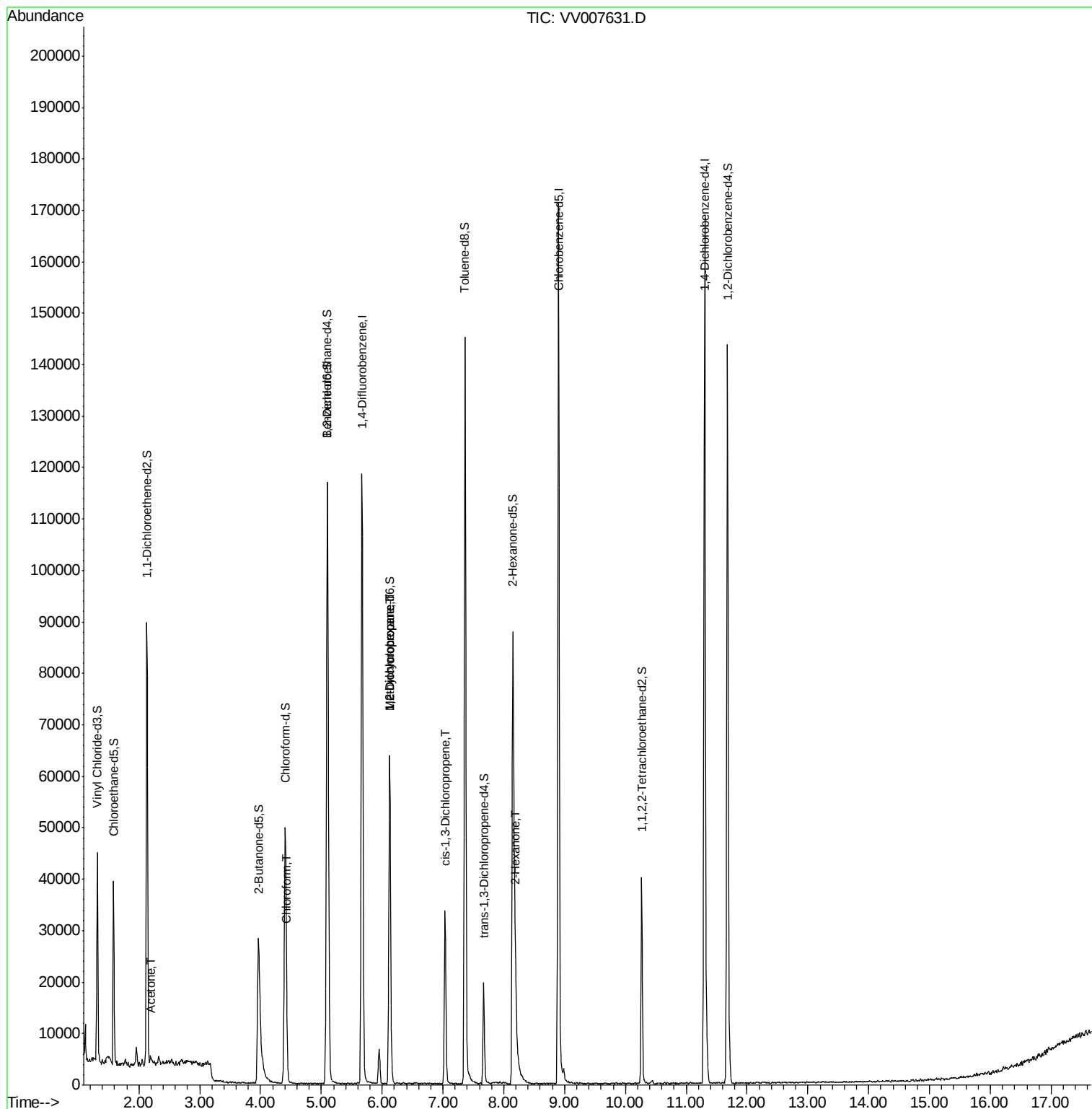
					Qvalue
13) Acetone	2.21	43	1190	1.942 ug/L	95
25) Chloroform	4.44	83	2299	0.183 ug/L	86
35) Methylcyclohexane	6.13	83	7647	0.612 ug/L #	22
37) 1,2-Dichloropropane	6.12	63	3627	0.616 ug/L #	86
39) cis-1,3-Dichloropropene	7.04	75	931	0.096 ug/L #	74
48) 2-Hexanone	8.20	43	8481	3.191 ug/L #	67

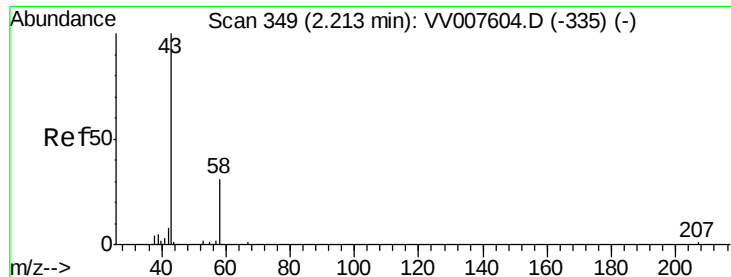
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.942 ug/L

RT: 2.21 min Scan# 347

Delta R.T. 0.00 min

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Acq: 19 Sep 2018 04:40

Instrument :

MSVOA_V

ClientSampleId :

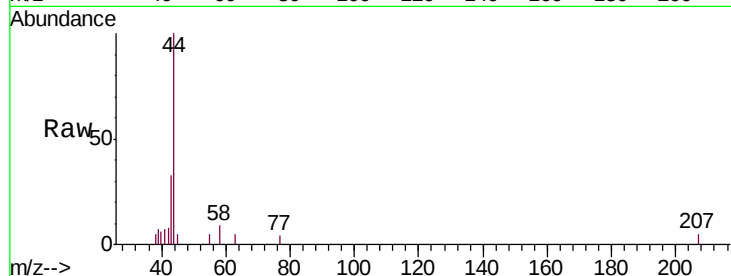
A3ZC5

Tgt Ion: 43 Resp: 1190

Ion Ratio Lower Upper

43 100

58 31.2 0.0 57.2



Abundance Ion 43.05 (42.75 to 43.75): VV007604.D (-335) (-)

Ion 58.05 (57.75 to 58.75): VV007604.D (-335) (-)

2.21

800

600

400

200

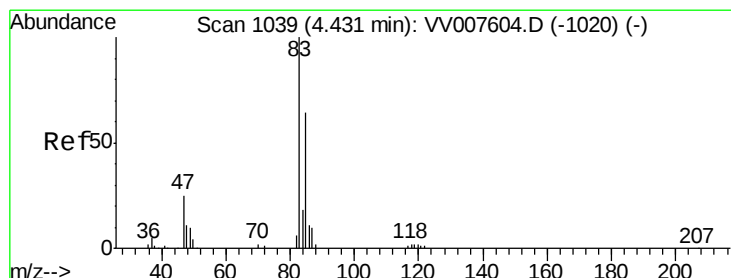
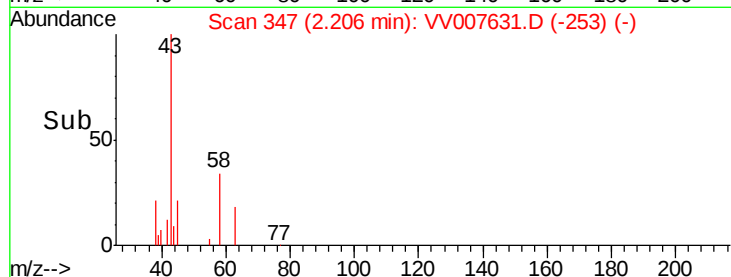
0

Time-->

2.15

2.20

2.25



#25

Chloroform

Concen: 0.183 ug/L

RT: 4.44 min Scan# 1041

Delta R.T. 0.00 min

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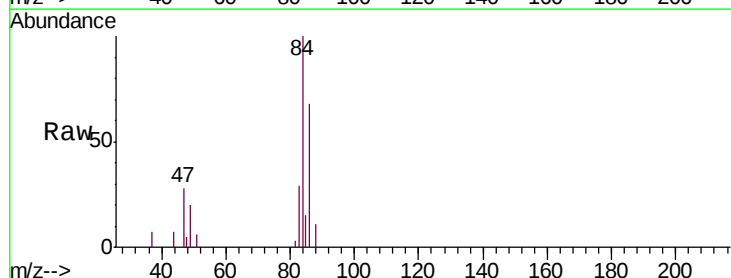
Acq: 19 Sep 2018 04:40

Tgt Ion: 83 Resp: 2299

Ion Ratio Lower Upper

83 100

85 52.3 44.5 82.7



Abundance Ion 83.05 (82.75 to 83.75): VV007604.D (-1020) (-)

Ion 85.00 (84.70 to 85.70): VV007604.D (-1020) (-)

4.44

1000

800

600

400

200

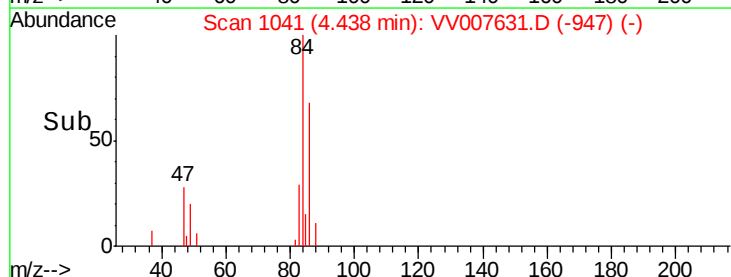
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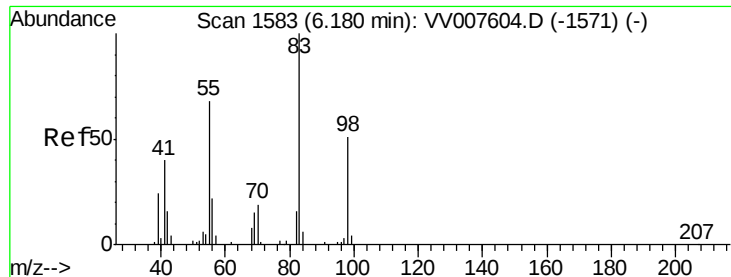
Time-->

4.40

4.45

4.50

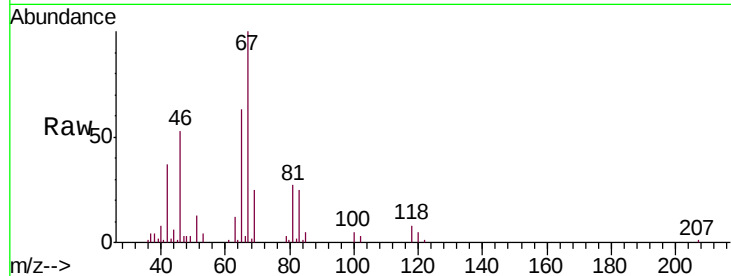




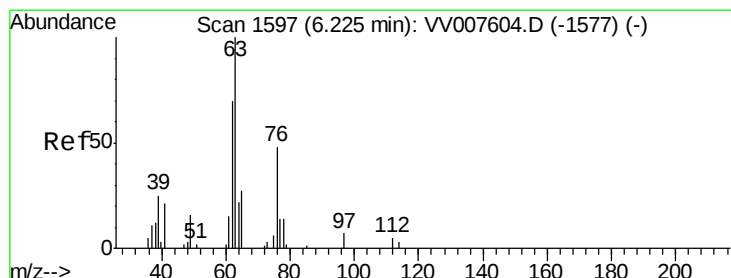
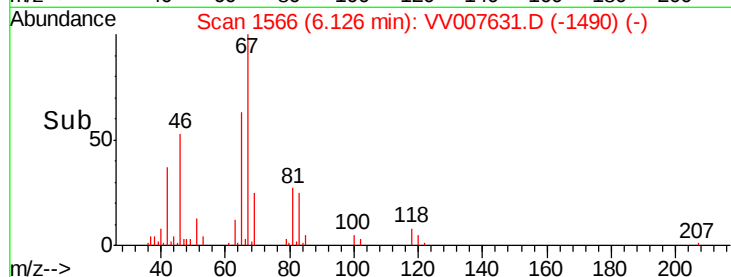
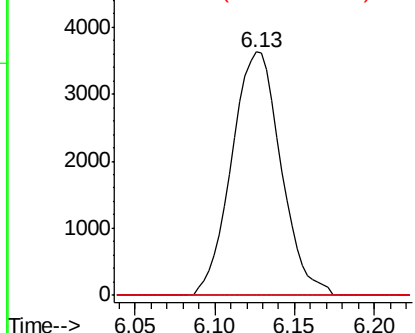
#35
Methylcyclohexane
Concen: 0.612 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.05 min
Lab File: VV007631.D
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Instrument :
MSVOA_V
ClientSampleId :
A3ZC5

Tgt Ion: 83 Resp: 7647
Ion Ratio Lower Upper
83 100
55 0.0 54.6 82.0#
98 2.8 39.8 59.6#

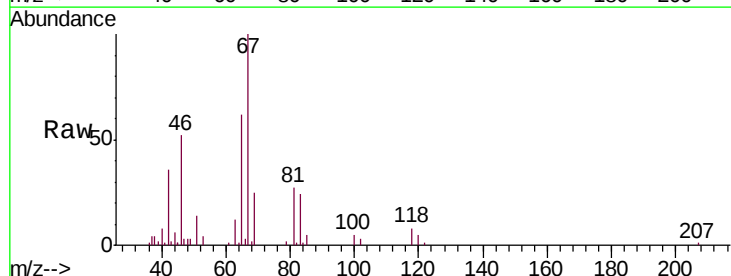


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

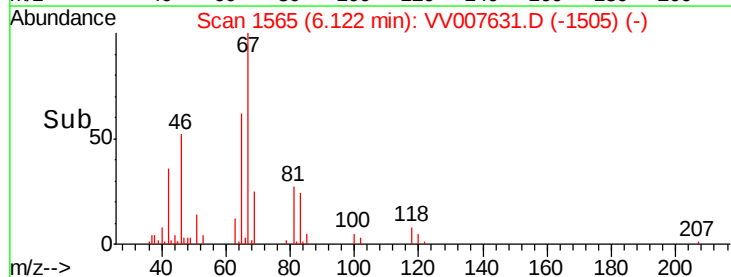
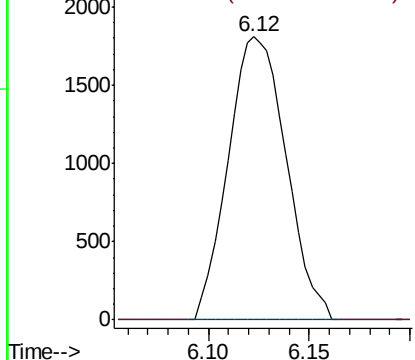


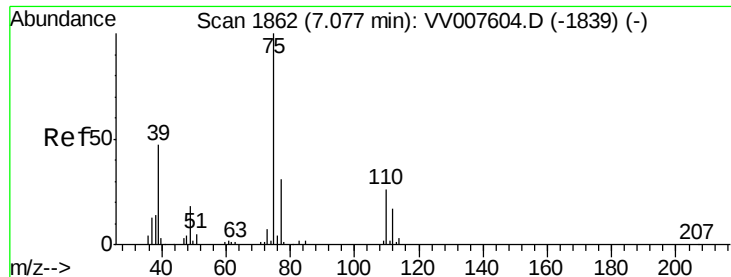
#37
1,2-Dichloropropane
Concen: 0.616 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.11 min
Lab File: VV007631.D
Acq: 19 Sep 2018 04:40

Tgt Ion: 63 Resp: 3627
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V





#39

cis-1,3-Dichloropropene

Concen: 0.096 ug/L

RT: 7.04 min Scan# 1850

Delta R.T. -0.04 min

Lab File: VV007631.D

Acq: 19 Sep 2018 04:40

Instrument :

MSVOA_V

ClientSampleId :

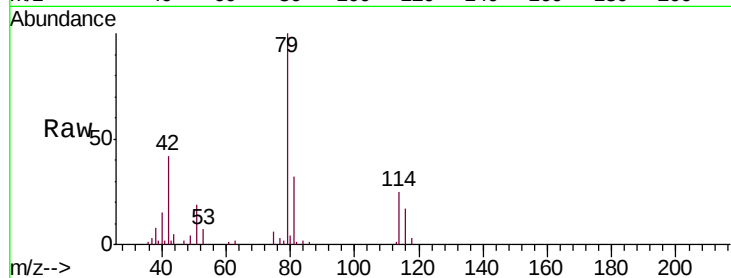
A3ZC5

Tgt Ion: 75 Resp: 931

Ion Ratio Lower Upper

75 100

77 47.6 23.0 42.8#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

600

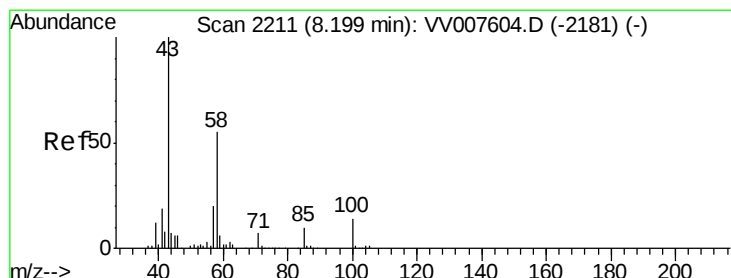
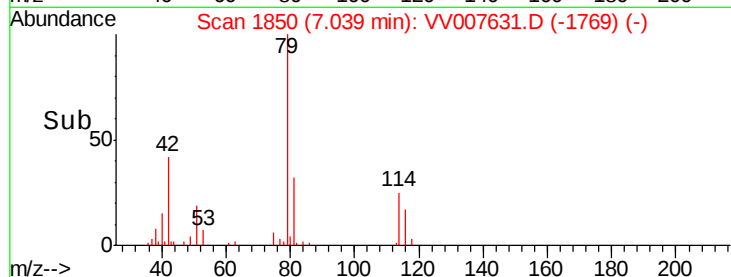
400

200

0

7.00 7.05

Time-->



#48

2-Hexanone

Concen: 3.191 ug/L

RT: 8.20 min Scan# 2210

Delta R.T. 0.00 min

Lab File: VV007631.D

Acq: 19 Sep 2018 04:40

Tgt Ion: 43 Resp: 8481

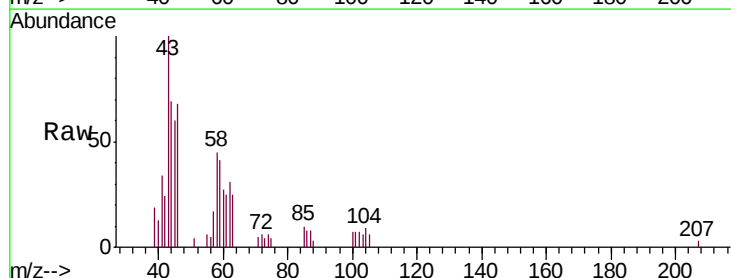
Ion Ratio Lower Upper

43 100

58 31.5 45.5 68.3#

57 1.7 16.3 24.5#

100 6.4 10.7 16.1#



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

5000

4000

3000

2000

1000

0

8.15 8.20 8.25

Time-->

