

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031020\
 Data File : VV014819.D
 Acq On : 10 Mar 2020 22:16
 Operator : SY/MD
 Sample : L1840-15
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBET0

Quant Time: Mar 11 05:16:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 11 03:49:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	386268	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	381489	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	195091	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	88966	34.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.06%
7) Chloroethane-d5	1.58	69	77821	37.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.32%
11) 1,1-Dichloroethene-d2	2.12	63	122172	28.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.26%#
21) 2-Butanone-d5	3.93	46	197661	101.39	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.39%
24) Chloroform-d	4.38	84	218917	44.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.46%
26) 1,2-Dichloroethane-d4	5.06	65	150794	44.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.70%
32) Benzene-d6	5.08	84	446667	44.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.68%
36) 1,2-Dichloropropane-d6	6.10	67	140136	41.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.94%
41) Toluene-d8	7.34	98	422853	42.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.72%
43) trans-1,3-Dichloropropene-	7.64	79	64764	39.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.46%
47) 2-Hexanone-d5	8.11	63	161064	108.66	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.66%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	207850	45.26	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.52%
64) 1,2-Dichlorobenzene-d4	11.65	152	184546	47.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.46%

Target Compounds

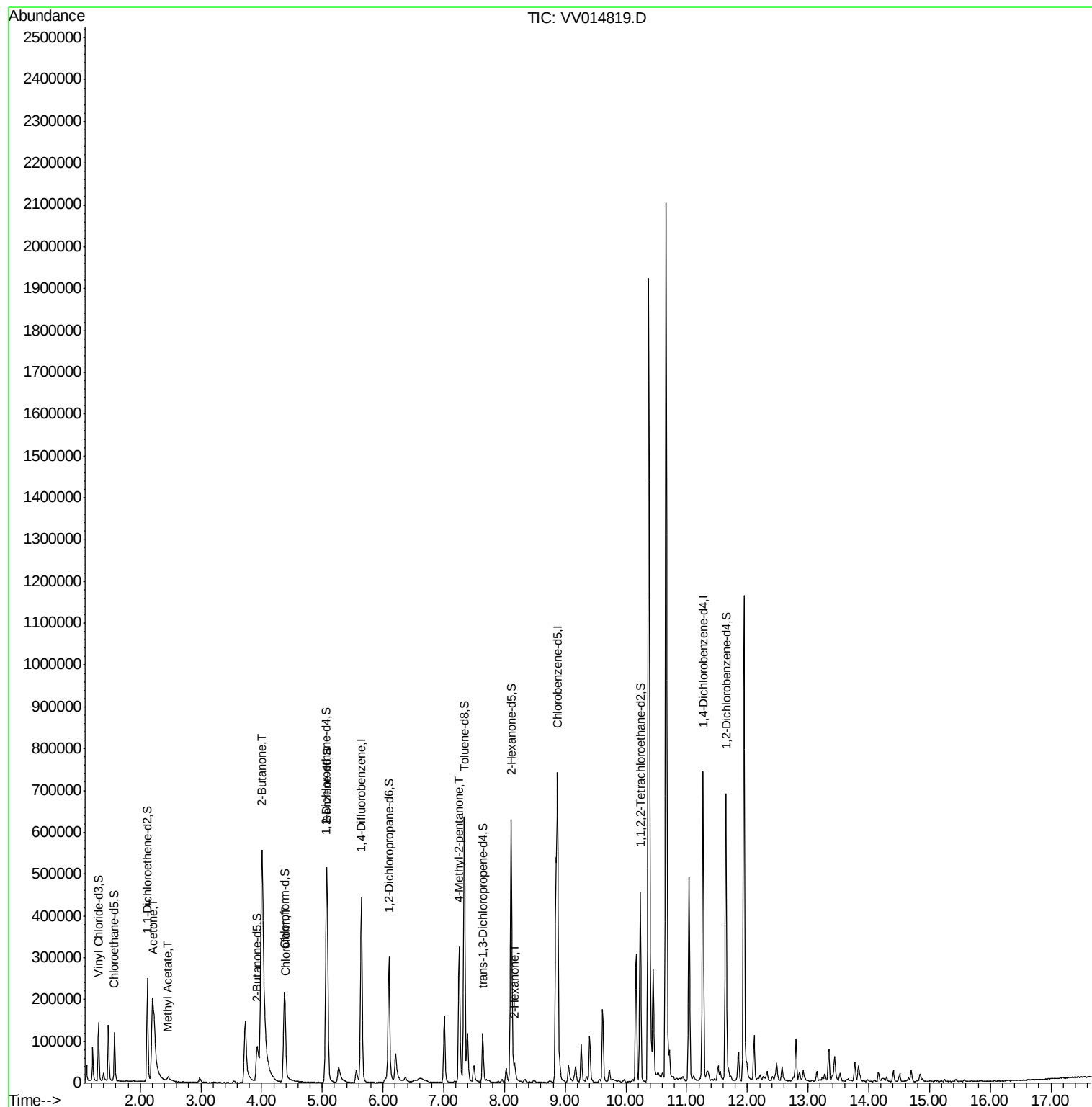
					Ovalue
13) Acetone	2.20	43	516383	317.240	ug/L 96
15) Methyl Acetate	2.46	43	6607	2.161	ug/L # 72
22) 2-Butanone	4.01	43	1348133	627.844	ug/L 94
25) Chloroform	4.40	83	5423	1.034	ug/L 97
40) 4-Methyl-2-pentanone	7.25	43	226122	52.247	ug/L # 95
48) 2-Hexanone	8.17	43	22879	6.721	ug/L # 93

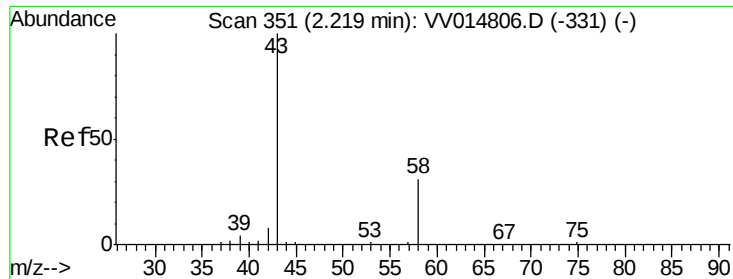
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 317.240 ug/L

RT: 2.20 min Scan# 346

Delta R.T. -0.02 min

Lab File: VV014819.D

Acq: 10 Mar 2020 22:16

Instrument :

MSVOA_V

ClientSampleId :

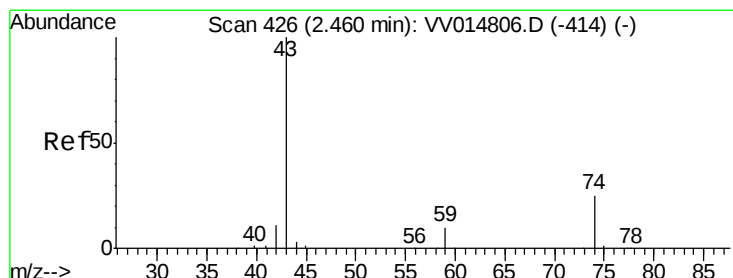
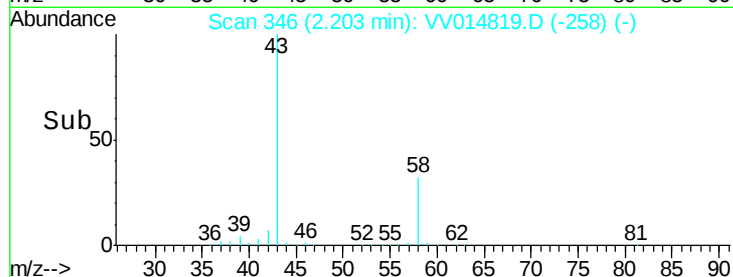
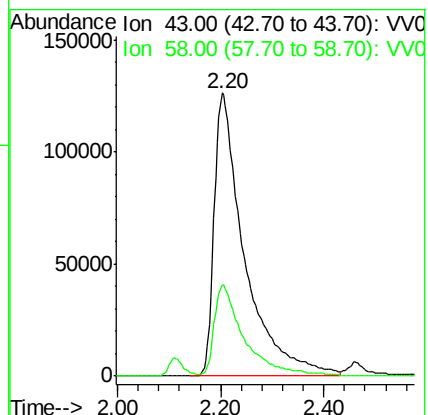
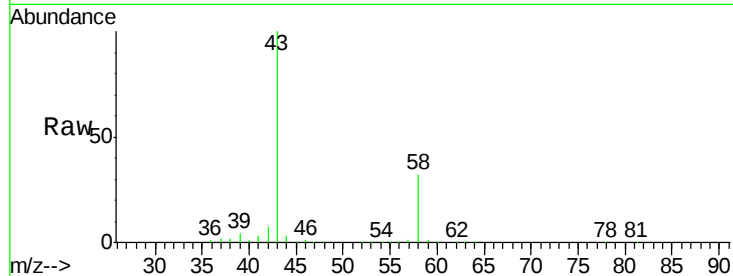
DBET0

Tot Ion: 43 Resp: 516383

Ion Ratio Lower Upper

43 100

58 29.1 0.0 62.2



#15

Methyl Acetate

Concen: 2.161 ug/L

RT: 2.46 min Scan# 426

Delta R.T. 0.00 min

Lab File: VV014819.D

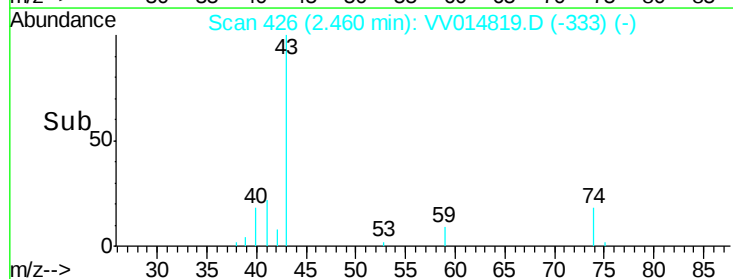
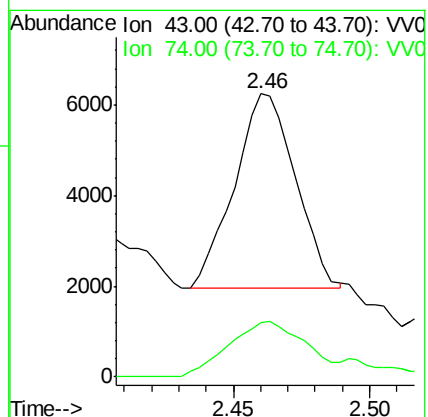
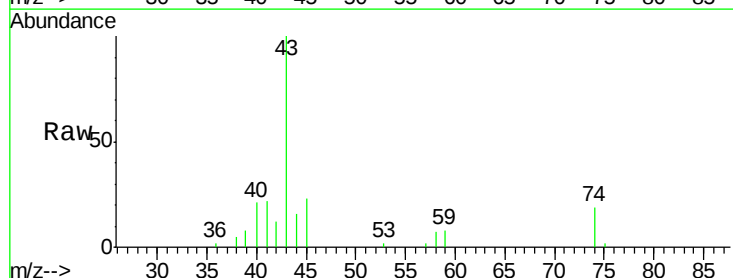
Acq: 10 Mar 2020 22:16

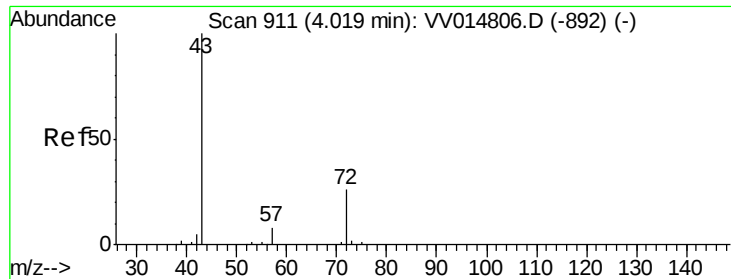
Tgt Ion: 43 Resp: 6607

Ion Ratio Lower Upper

43 100

74 35.6 17.9 26.9#





#22

2-Butanone

Concen: 627.844 ug/L

RT: 4.01 min Scan# 907

Delta R.T. -0.01 min

Lab File: VV014819.D

Acq: 10 Mar 2020 22:16

Instrument :

MSVOA_V

ClientSampleId :

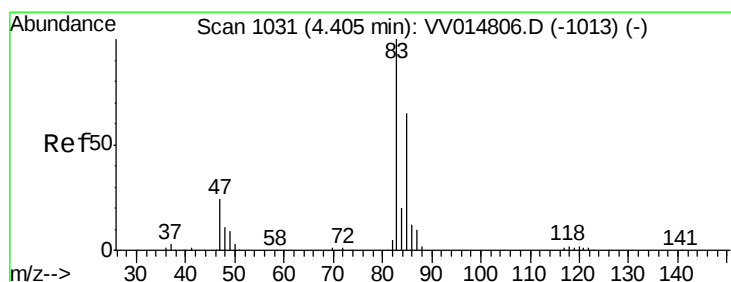
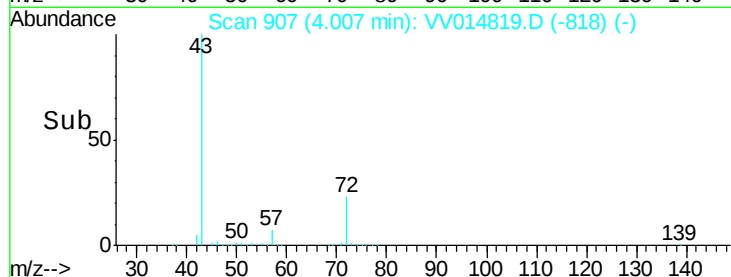
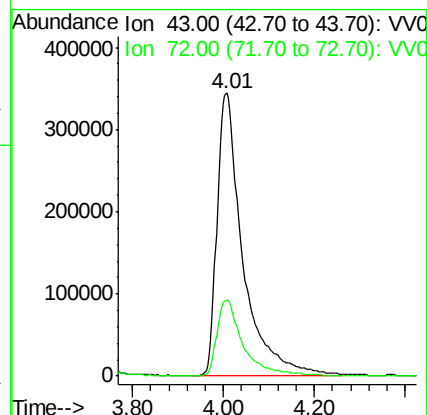
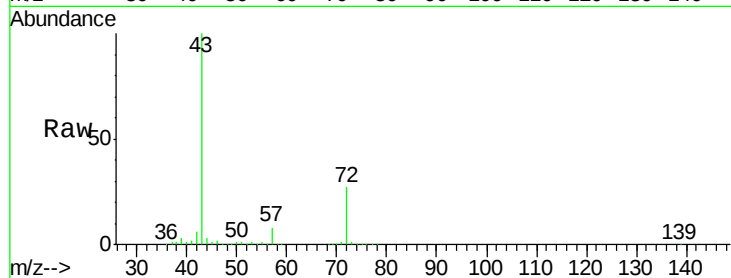
DBET0

Tot Ion: 43 Resp: 1348133

Ion Ratio Lower Upper

43 100

72 27.1 12.0 36.0



#25

Chloroform

Concen: 1.034 ug/L

RT: 4.40 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VV014819.D

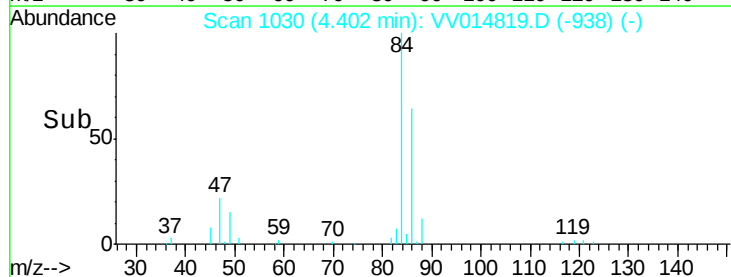
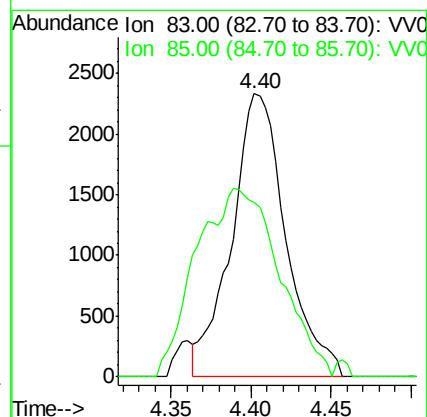
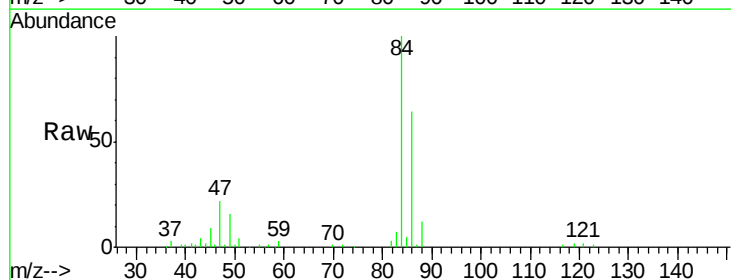
Acq: 10 Mar 2020 22:16

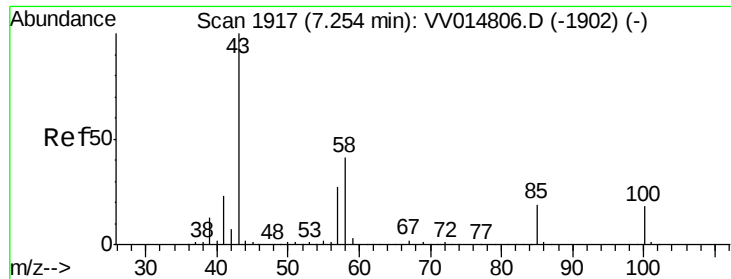
Tgt Ion: 83 Resp: 5423

Ion Ratio Lower Upper

83 100

85 61.8 45.1 83.9

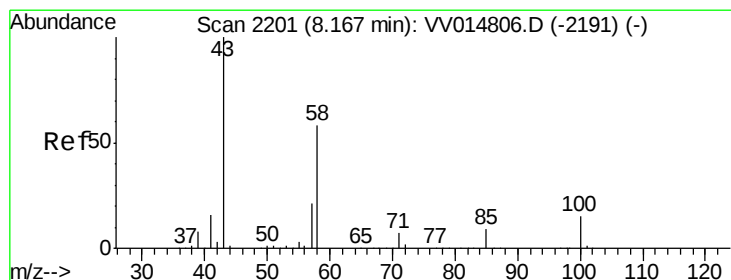
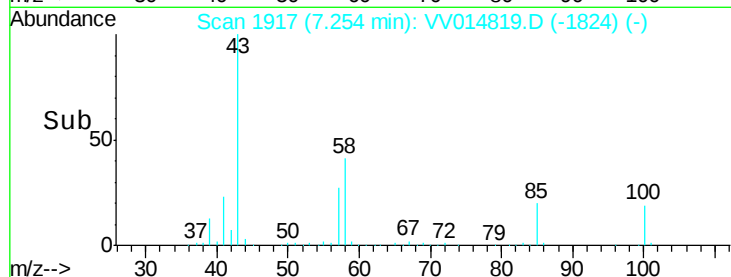
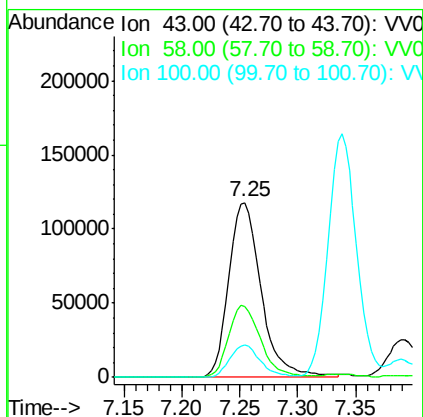
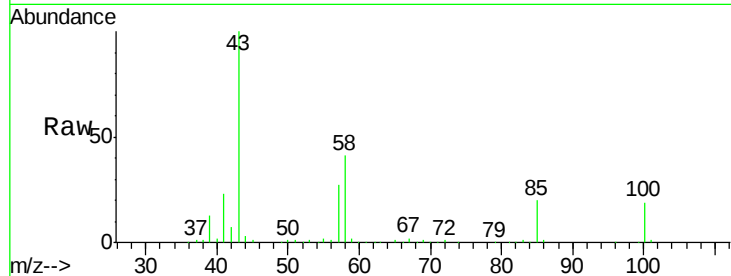




#40
4-Methyl-2-pentanone
Concen: 52.247 ug/L
RT: 7.25 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VV014819.D
Acq: 10 Mar 2020 22:16

Instrument :
MSVOA_V
ClientSampleId :
DBET0

Tot Ion: 43 Resp: 226122
Ion Ratio Lower Upper
43 100
58 41.0 31.0 46.4
100 17.7 11.2 16.8#



#48
2-Hexanone
Concen: 6.721 ug/L
RT: 8.17 min Scan# 2201
Delta R.T. 0.00 min
Lab File: VV014819.D
Acq: 10 Mar 2020 22:16

Tgt Ion: 43 Resp: 22879
Ion Ratio Lower Upper
43 100
58 56.2 43.3 64.9
57 13.8 15.6 23.4#
100 16.1 8.7 13.1#

