

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV033120\
 Data File : VV015318.D
 Acq On : 31 Mar 2020 17:01
 Operator : SY/MD
 Sample : L1976-15
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETTJ4

Quant Time: Apr 01 04:19:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM033020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 01 01:17:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	545840	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	542540	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	241985	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	175949	44.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.42%
7) Chloroethane-d5	1.58	69	175378	47.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.70%
11) 1,1-Dichloroethene-d2	2.12	63	281577	32.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.62%
21) 2-Butanone-d5	3.93	46	300570	115.48	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	115.48%
24) Chloroform-d	4.38	84	349697	48.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.74%
26) 1,2-Dichloroethane-d4	5.06	65	242952	51.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.90%
32) Benzene-d6	5.08	84	692191	48.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.74%
36) 1,2-Dichloropropane-d6	6.09	67	221111	49.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.84%
41) Toluene-d8	7.34	98	669270	48.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.70%
43) trans-1,3-Dichloropropene-	7.64	79	119382	49.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.00%
47) 2-Hexanone-d5	8.11	63	256881	123.63	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	123.63%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	332326	50.84	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.68%
64) 1,2-Dichlorobenzene-d4	11.65	152	239962	49.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.64%

Target Compounds

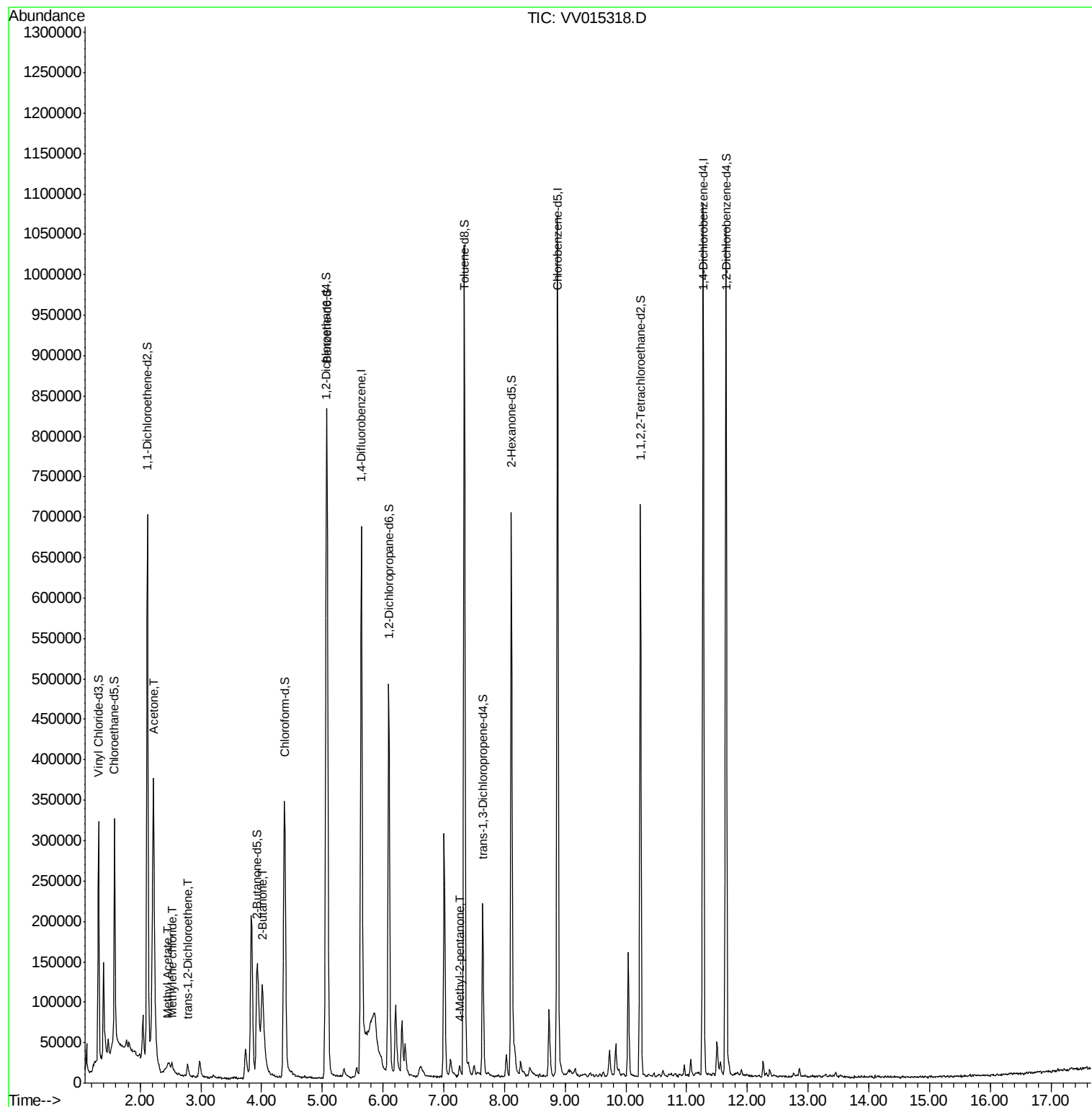
					Ovalue
13) Acetone	2.21	43	431725	243.078	ug/L 99
15) Methyl Acetate	2.46	43	7588	2.128	ug/L 99
16) Methylene chloride	2.53	84	3446	0.912	ug/L 84
17) trans-1,2-Dichloroethene	2.78	96	5158	1.525	ug/L 92
22) 2-Butanone	4.02	43	232503	89.802	ug/L 95
40) 4-Methyl-2-pentanone	7.26	43	8880	1.635	ug/L # 92

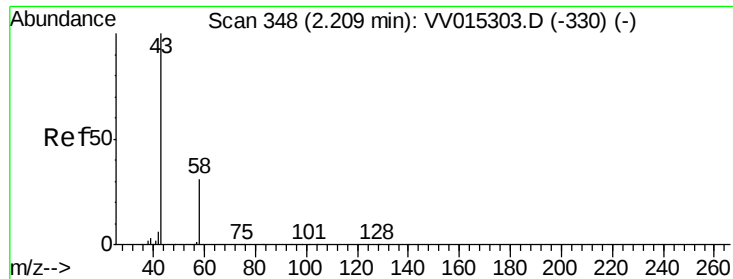
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 243.078 ug/L

RT: 2.21 min Scan# 348

Delta R.T. 0.00 min

Lab File: VV015318.D

Acq: 31 Mar 2020 17:01

Instrument :

MSVOA_V

ClientSampleId :

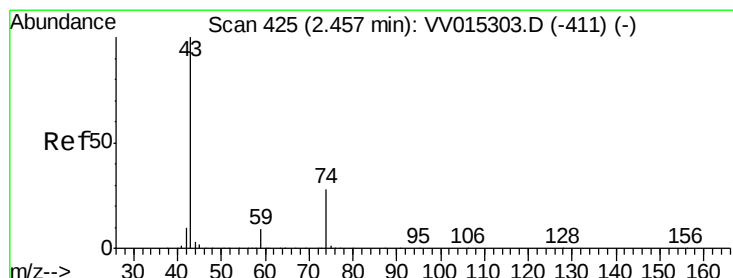
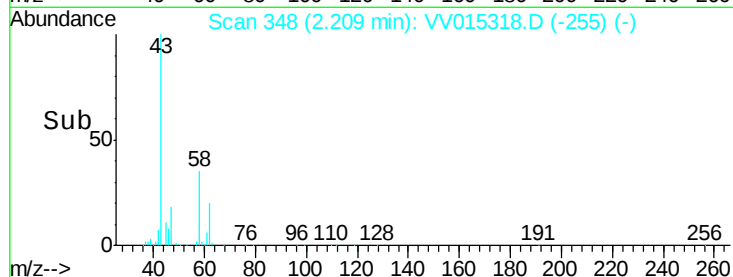
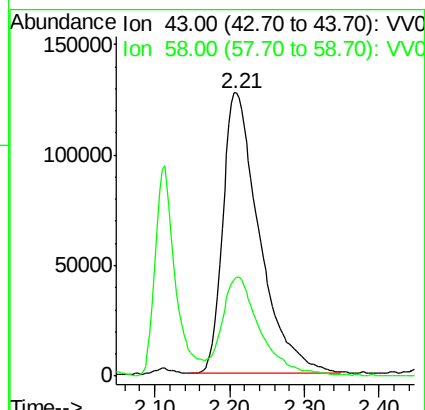
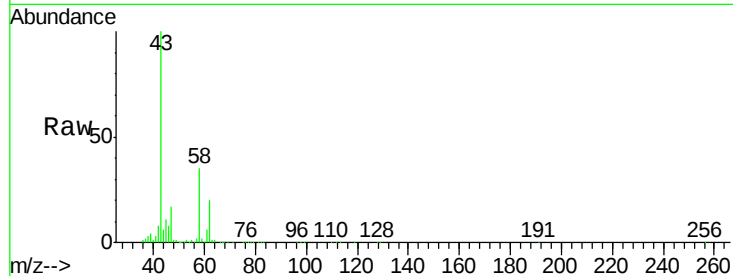
ETTJ4

Tot Ion: 43 Resp: 431725

Ion Ratio Lower Upper

43 100

58 32.6 0.0 63.6



#15

Methyl Acetate

Concen: 2.128 ug/L

RT: 2.46 min Scan# 426

Delta R.T. 0.00 min

Lab File: VV015318.D

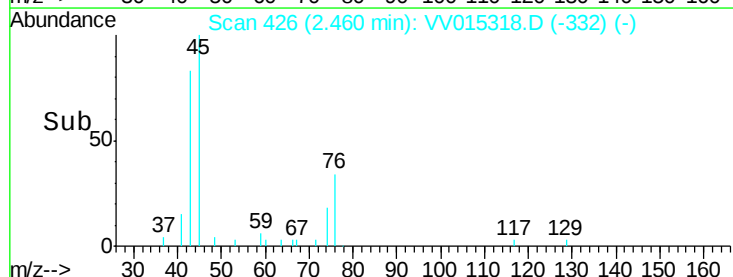
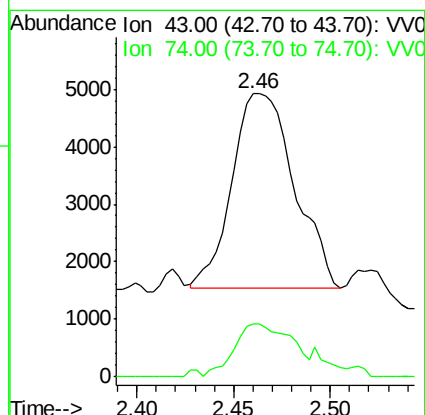
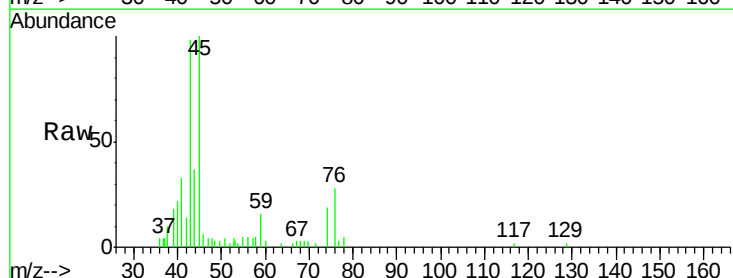
Acq: 31 Mar 2020 17:01

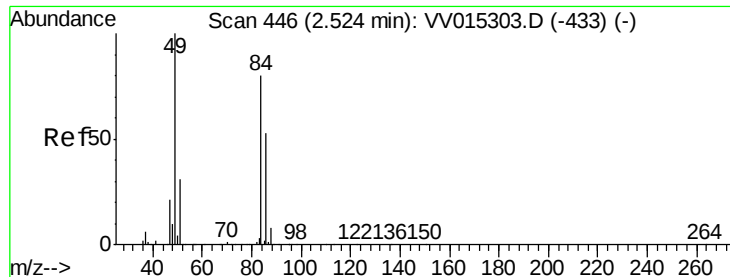
Tgt Ion: 43 Resp: 7588

Ion Ratio Lower Upper

43 100

74 25.1 20.3 30.5

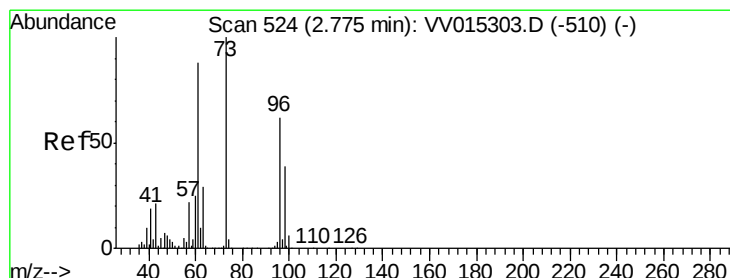
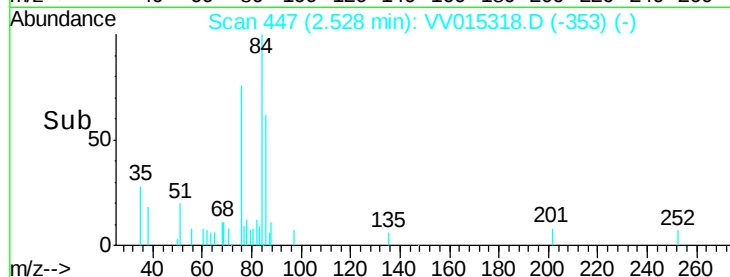
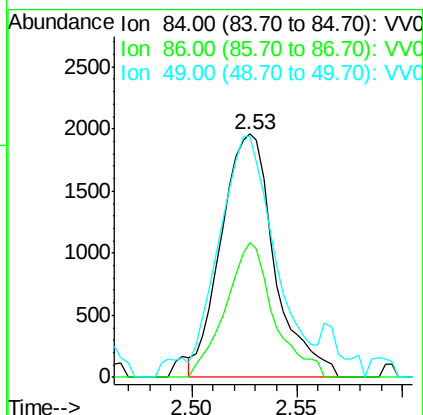
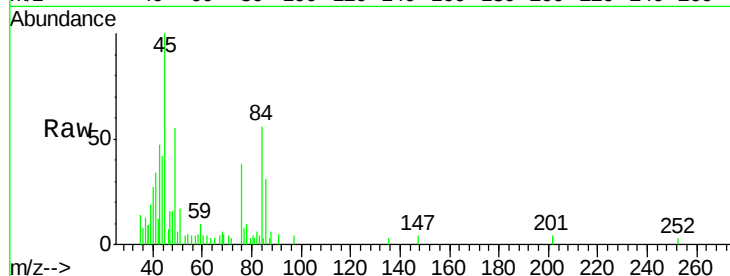




#16
Methvlene chloride
Concen: 0.912 ug/L
RT: 2.53 min Scan# 447
Delta R.T. 0.00 min
Lab File: VV015318.D
Acq: 31 Mar 2020 17:01

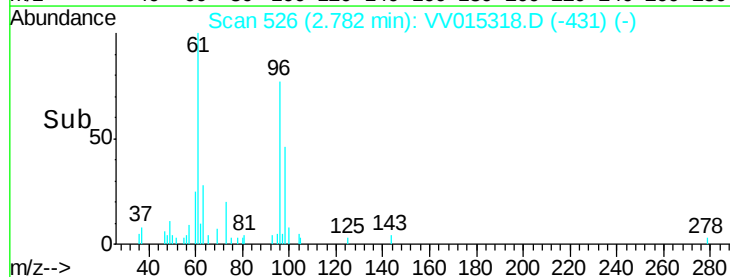
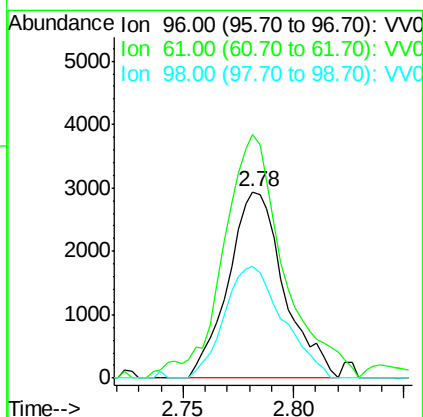
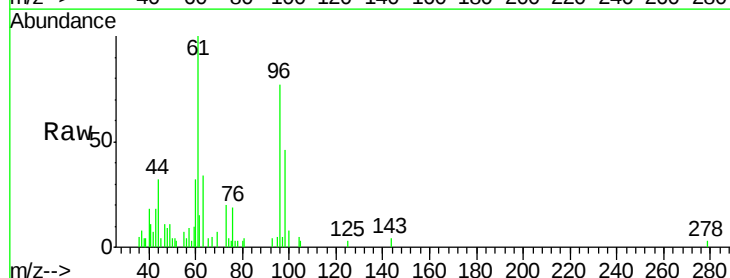
Instrument :
MSVOA_V
ClientSampleId :
ETTJ4

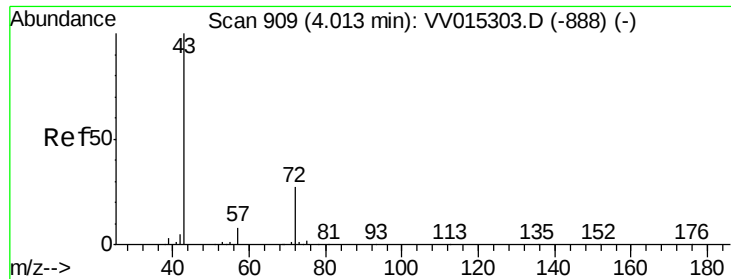
Tot Ion: 84 Resp: 3446
Ion Ratio Lower Upper
84 100
86 55.4 45.5 84.5
49 98.8 83.7 155.4



#17
trans-1,2-Dichloroethene
Concen: 1.525 ug/L
RT: 2.78 min Scan# 526
Delta R.T. 0.01 min
Lab File: VV015318.D
Acq: 31 Mar 2020 17:01

Tgt Ion: 96 Resp: 5158
Ion Ratio Lower Upper
96 100
61 130.7 98.5 182.9
98 60.3 45.5 84.5





#22

2-Butanone

Concen: 89.802 ug/L

RT: 4.02 min Scan# 910

Delta R.T. 0.00 min

Lab File: VV015318.D

Acq: 31 Mar 2020 17:01

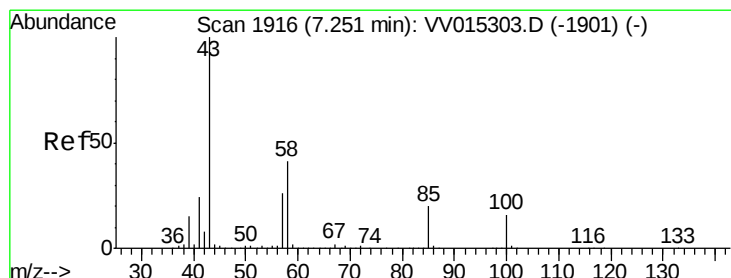
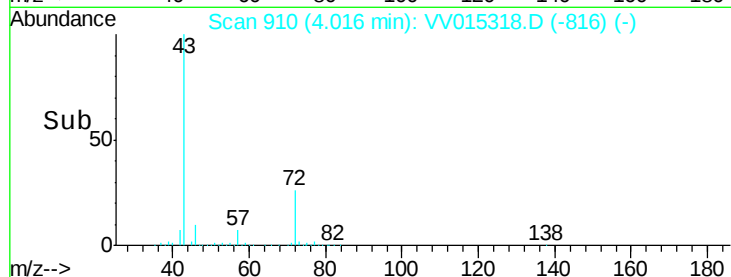
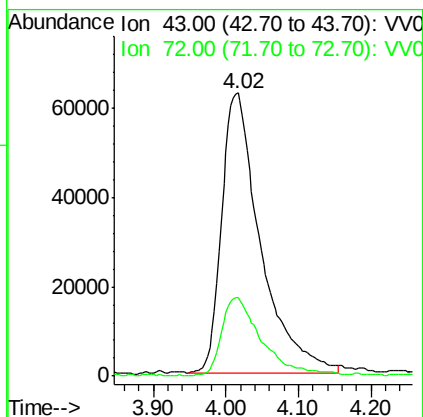
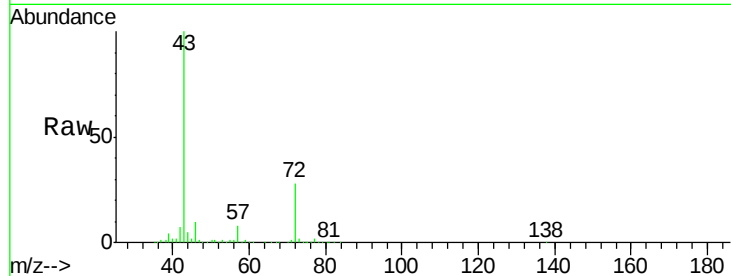
Instrument :
MSVOA_V
ClientSampleId :
ETTJ4

Tot Ion: 43 Resp: 232503

Ion Ratio Lower Upper

43 100

72 27.1 12.4 37.0



#40

4-Methyl-2-pentanone

Concen: 1.635 ug/L

RT: 7.26 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VV015318.D

Acq: 31 Mar 2020 17:01

Tgt Ion: 43 Resp: 8880

Ion Ratio Lower Upper

43 100

58 38.2 32.9 49.3

100 11.1 13.9 20.9#

