

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032519\
 Data File : VW009438.D
 Acq On : 25 Mar 2019 20:18
 Operator : SY/VA
 Sample : K2044-04
 Misc : 5.24G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 26 09:05:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 26 09:00:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	396854	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	367488	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	150844	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	95559	20.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.60%
7) Chloroethane-d5	2.90	69	101817	18.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.40%
10) 1,1-Dichloroethene-d2	4.01	63	160310	15.64	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.56%
20) 2-Butanone-d5	7.07	46	82757	42.20	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.40%
24) Chloroform-d	7.65	84	250993	23.18	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.72%
26) 1,2-Dichloroethane-d4	8.31	65	149751	22.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.80%
29) Benzene-d6	8.27	84	444093	21.91	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.64%
33) 1,2-Dichloropropane-d6	9.27	67	143798	23.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.48%
37) Toluene-d8	10.32	98	385323	20.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.24%
38) trans-1,3-Dichloropropene-	10.58	79	58714	19.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.84%
39) 2-Hexanone-d5	10.93	63	56492	38.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.64%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	127325	21.24	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.96%
61) 1,2-Dichlorobenzene-d4	13.86	152	129714	22.43	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.72%

Target Compounds

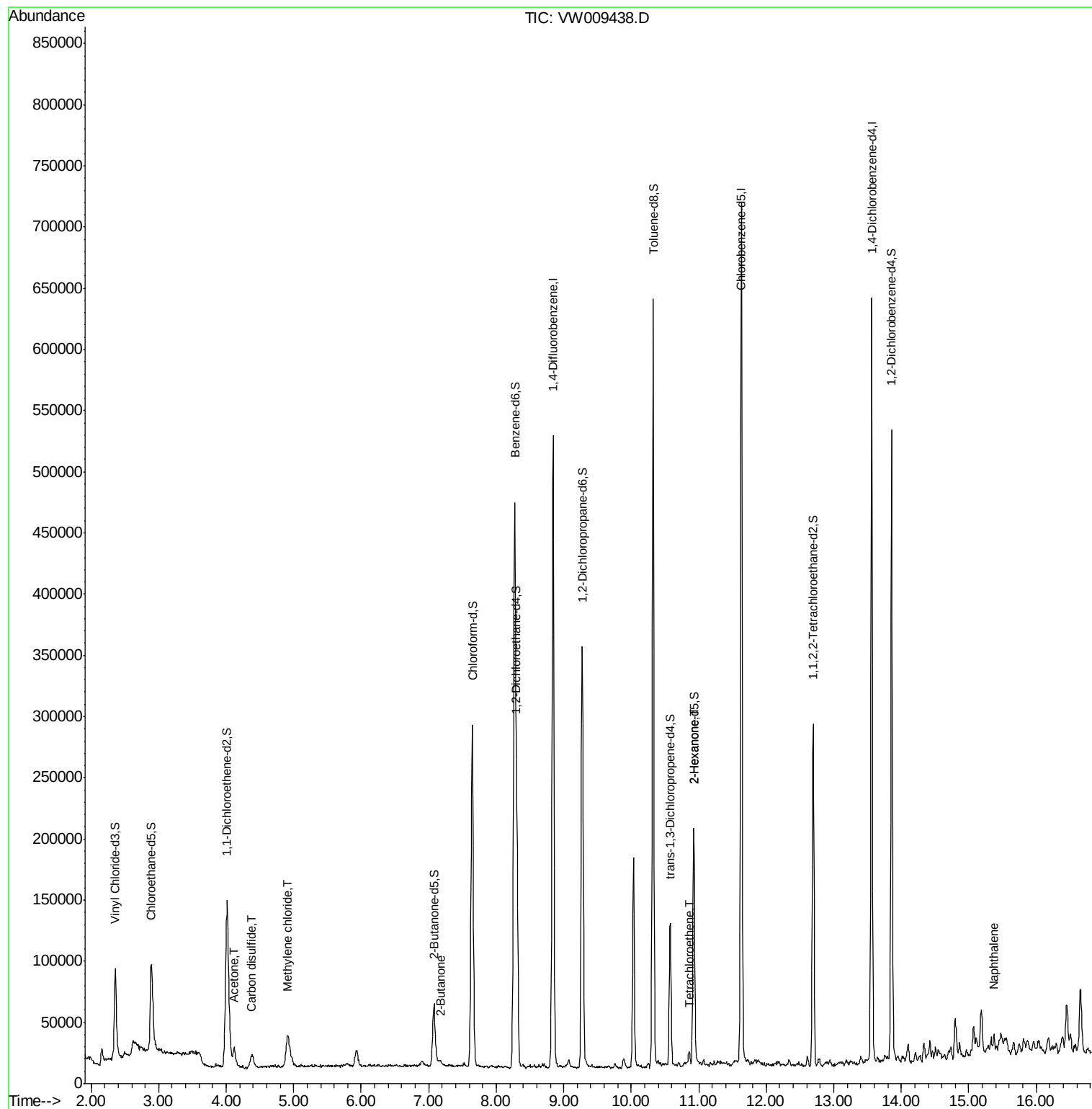
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.12	43	22815	14.185	ug/L	99
14) Carbon disulfide	4.37	76	20197	1.536	ug/L	98
16) Methylene chloride	4.90	84	12865	2.223	ug/L	88
21) 2-Butanone	7.17	43	5065	2.281	ug/L	89
47) Tetrachloroethene	10.86	164	1794	0.396	ug/L	82
49) 2-Hexanone	10.93	43	9108	2.765	ug/L #	70
69) Naphthalene	15.38	128	12675	1.038	ug/L #	96

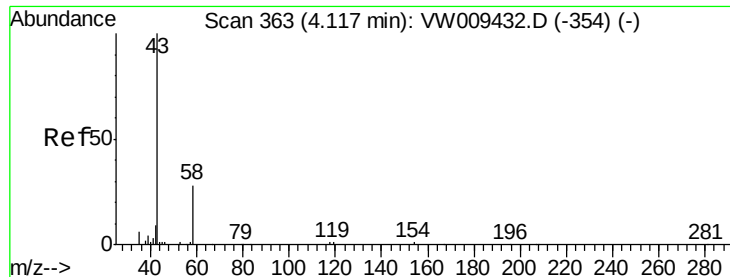
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 26 09:00:24 2019
Response via : Initial Calibration





#13

Acetone

Concen: 14.185 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW009438.D

Acq: 25 Mar 2019 20:18

Instrument :

MSVOA_W

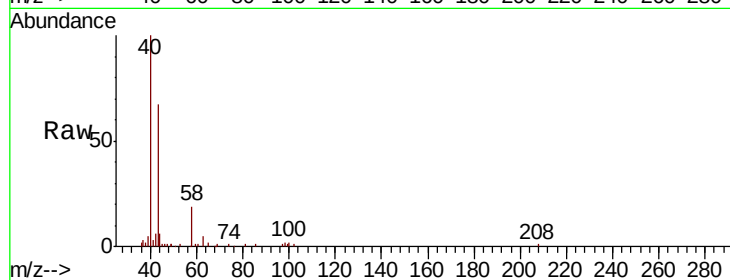
ClientSampleId :

Tot Ion: 43 Resp: 22815

Ion Ratio Lower Upper

43 100

58 28.5 0.0 56.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

8000

6000

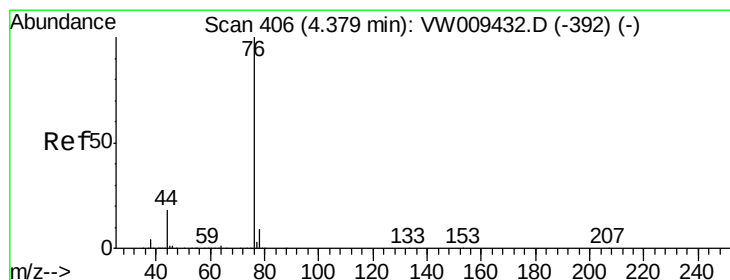
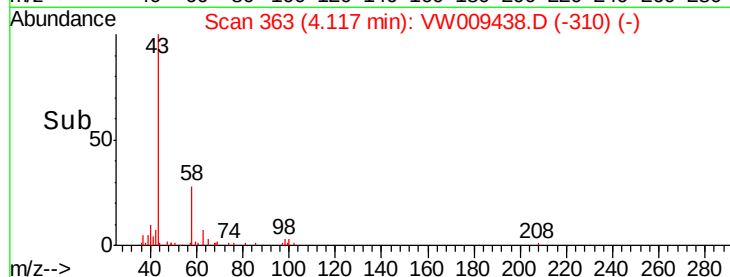
4000

2000

0

Time-->

4.00 4.10 4.20



#14

Carbon disulfide

Concen: 1.536 ug/L

RT: 4.37 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW009438.D

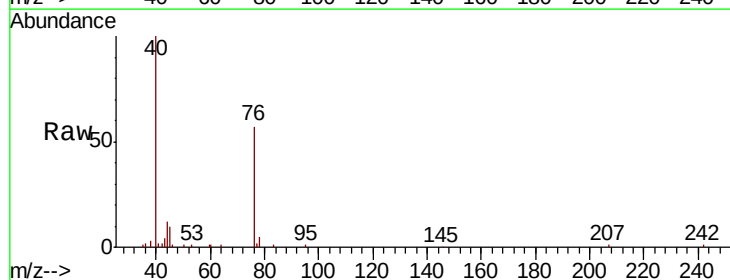
Acq: 25 Mar 2019 20:18

Tgt Ion: 76 Resp: 20197

Ion Ratio Lower Upper

76 100

78 9.7 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW

4.37

6000

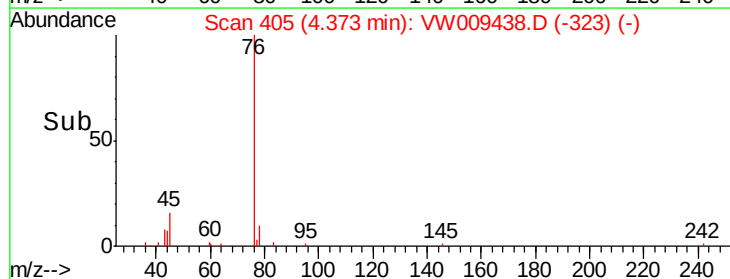
4000

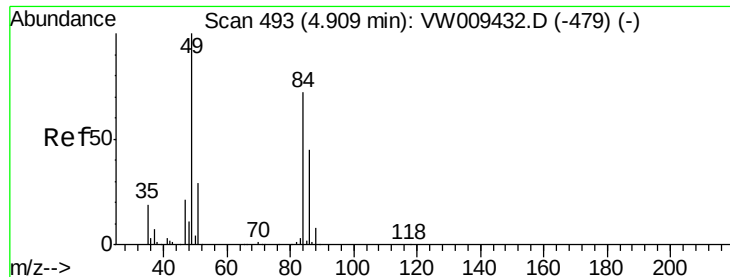
2000

0

Time-->

4.30 4.40 4.50

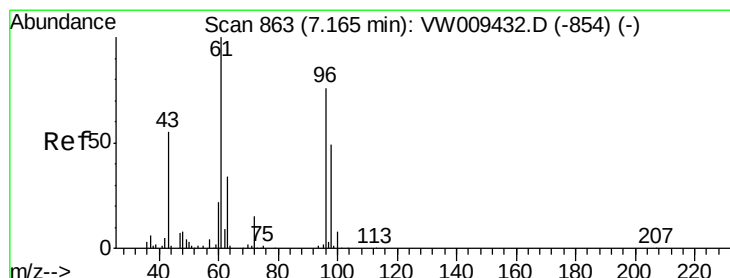
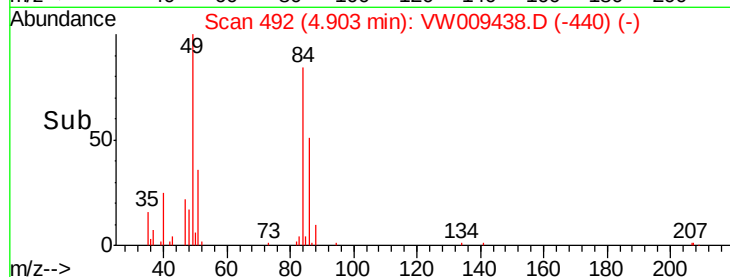
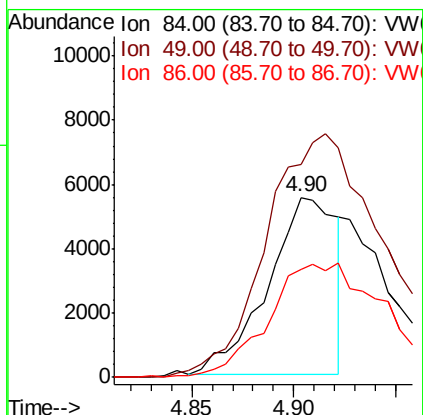
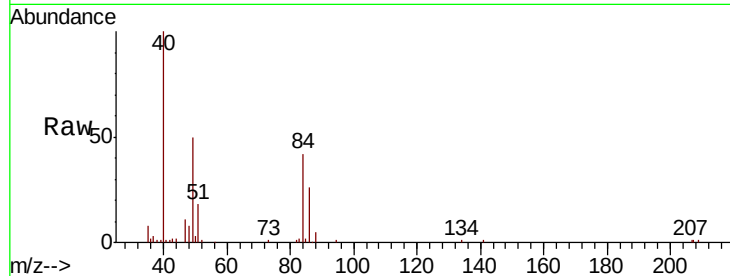




#16
Methylene chloride
Concen: 2.223 ug/L
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW009438.D
Acq: 25 Mar 2019 20:18

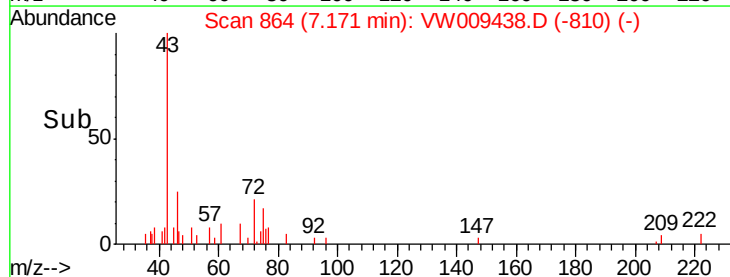
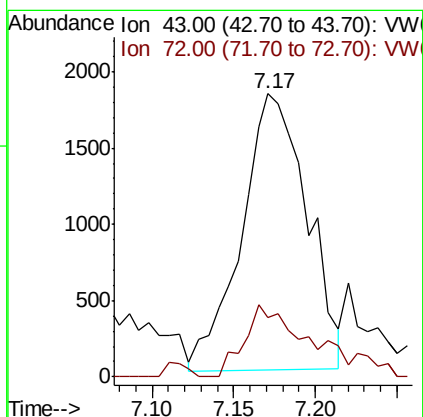
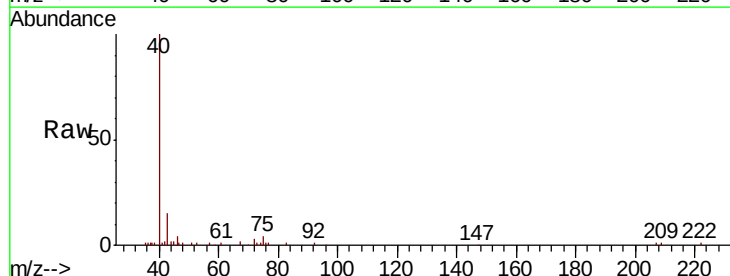
Instrument :
MSVOA_W
ClientSampled :

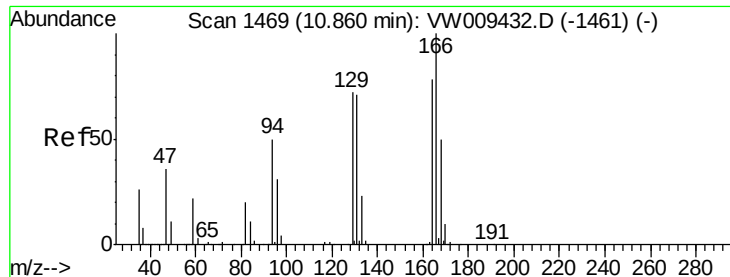
Tot Ion: 84 Resp: 12865
Ion Ratio Lower Upper
84 100
49 118.5 96.0 178.2
86 60.2 44.4 82.5



#21
2-Butanone
Concen: 2.281 ug/L
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW009438.D
Acq: 25 Mar 2019 20:18

Tgt Ion: 43 Resp: 5065
Ion Ratio Lower Upper
43 100
72 20.6 13.1 39.1





#47

Tetrachloroethene

Concen: 0.396 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW009438.D

Acq: 25 Mar 2019 20:18

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion:164 Resp: 1794

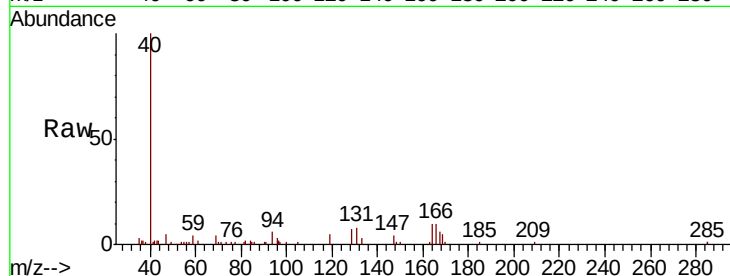
Ion Ratio Lower Upper

164 100

129 75.1 66.5 123.5

131 82.6 62.6 116.3

166 102.9 91.6 170.0

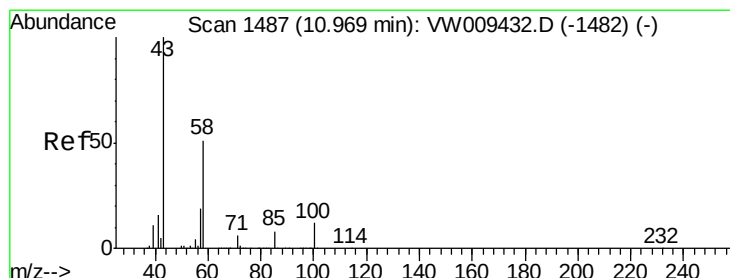
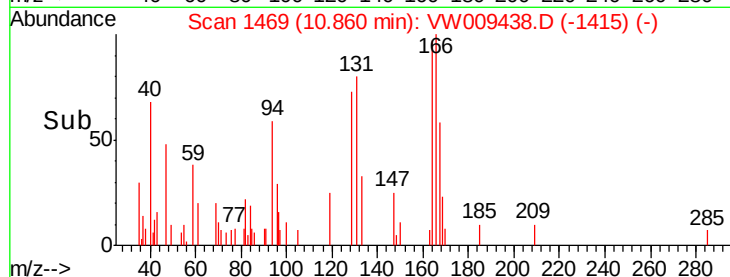
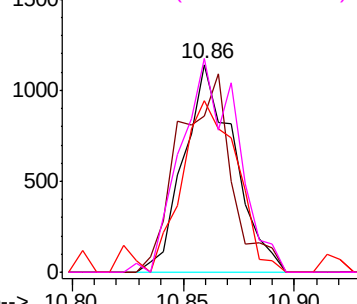


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#49

2-Hexanone

Concen: 2.765 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW009438.D

Acq: 25 Mar 2019 20:18

Tgt Ion: 43 Resp: 9108

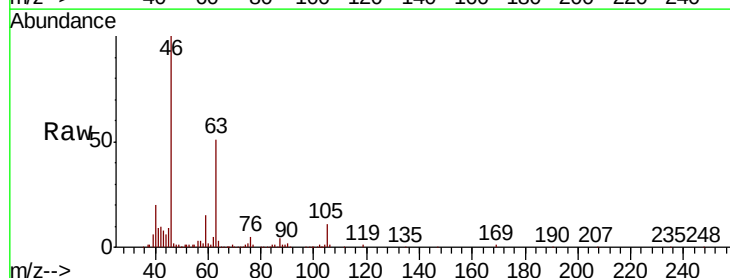
Ion Ratio Lower Upper

43 100

58 30.5 39.2 58.8#

57 36.2 14.2 21.2#

100 2.2 8.9 13.3#

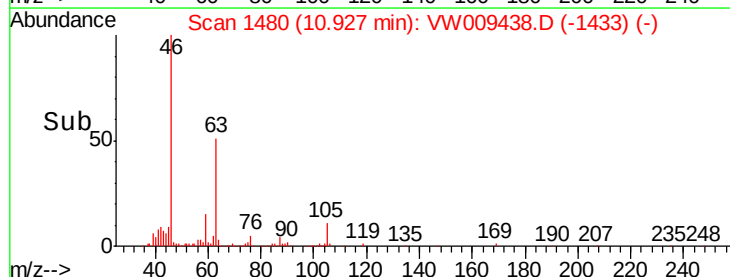
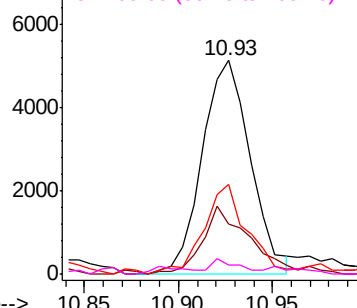


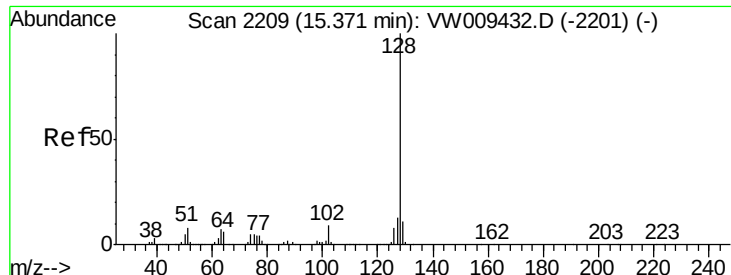
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW





#69

Naphthalene

Concen: 1.038 ug/L

RT: 15.38 min Scan# 2210

Delta R.T. 0.01 min

Lab File: VW009438.D

Acq: 25 Mar 2019 20:18

Instrument :

MSVOA_W

ClientSampleId :

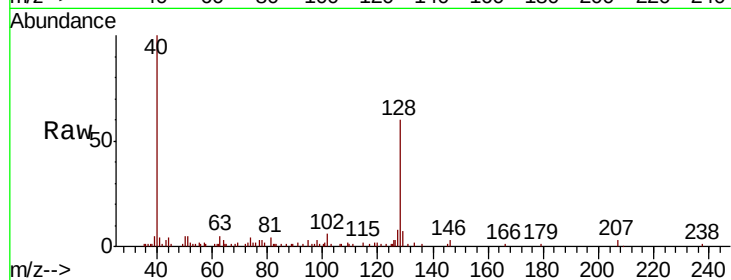
Tot Ion:128 Resp: 12675

Ion Ratio Lower Upper

128 100

129 8.0 8.7 13.1#

127 13.1 11.1 16.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

