

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032719\
 Data File : VW009502.D
 Acq On : 27 Mar 2019 14:51
 Operator : SY/VA
 Sample : K2068-01
 Misc : 4.72G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5MORE

Quant Time: Mar 28 05:00:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 28 04:55:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	335877	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	227952	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	52637	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	79669	19.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.40%
7) Chloroethane-d5	2.89	69	87361	18.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.40%
10) 1,1-Dichloroethene-d2	4.01	63	121914	14.05	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.20%
20) 2-Butanone-d5	7.08	46	74800	45.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.12%
24) Chloroform-d	7.64	84	210494	22.96	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.84%
26) 1,2-Dichloroethane-d4	8.30	65	129270	23.41	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.64%
29) Benzene-d6	8.27	84	345849	27.51	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.04%
33) 1,2-Dichloropropane-d6	9.27	67	118785	31.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	125.84%#
37) Toluene-d8	10.32	98	243937	20.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.96%
38) trans-1,3-Dichloropropene-	10.58	79	45120	23.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.16%
39) 2-Hexanone-d5	10.93	63	48031	52.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.04%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	88938	23.92	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.68%
61) 1,2-Dichlorobenzene-d4	13.86	152	42202	20.91	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.64%

Target Compounds

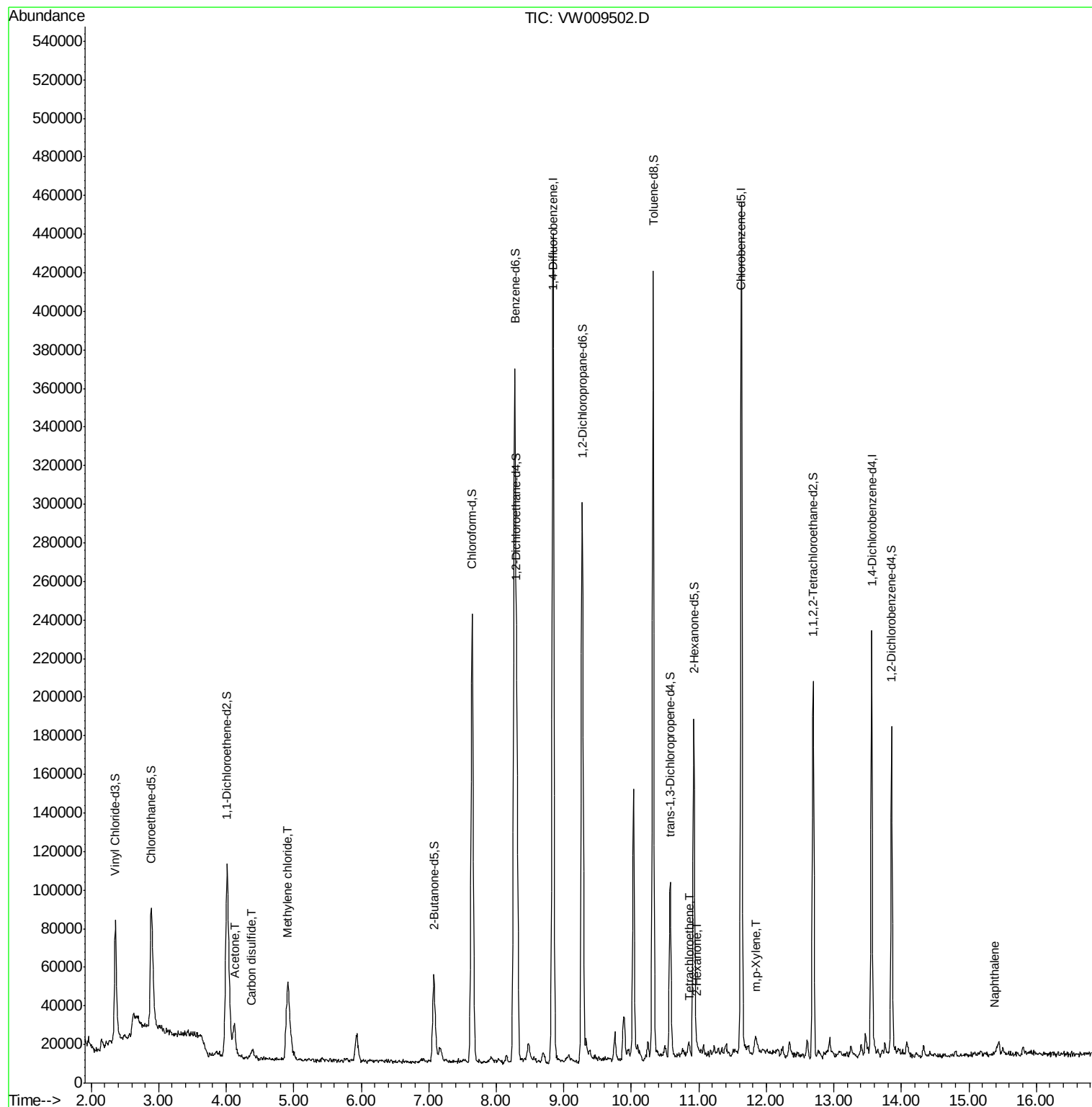
					Ovalue
13) Acetone	4.12	43	25841	18.984	ug/L 99
14) Carbon disulfide	4.37	76	3828	0.344	ug/L 95
16) Methylene chloride	4.91	84	34148	6.972	ug/L 89
47) Tetrachloroethene	10.87	164	738	0.263	ug/L # 75
49) 2-Hexanone	10.98	43	2634	1.289	ug/L # 75
54) m,p-Xylene	11.83	106	2342	0.402	ug/L 95
69) Naphthalene	15.38	128	1107	0.260	ug/L # 89

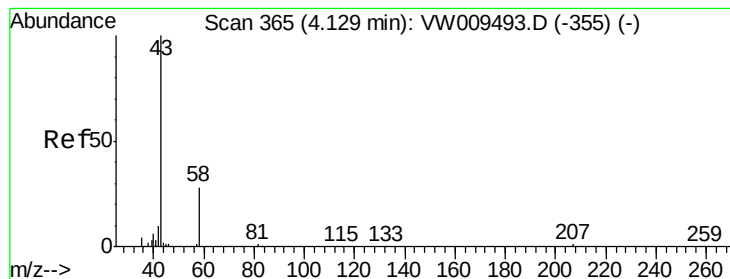
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BF5M0RE

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Quant Title : VOC Analysis
QLast Update : Thu Mar 28 04:55:04 2019
Response via : Initial Calibration





#13

Acetone

Concen: 18.984 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW009502.D

Acq: 27 Mar 2019 14:51

Instrument :

MSVOA_W

ClientSampleId :

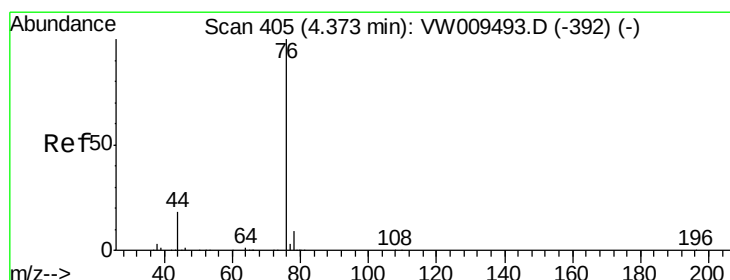
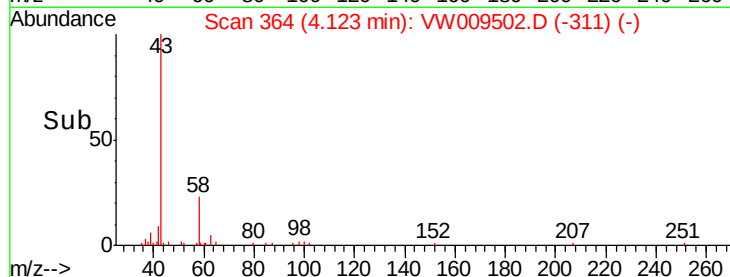
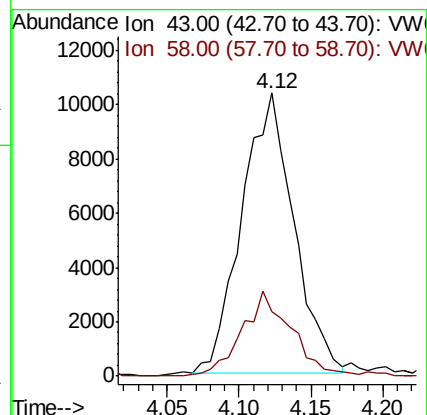
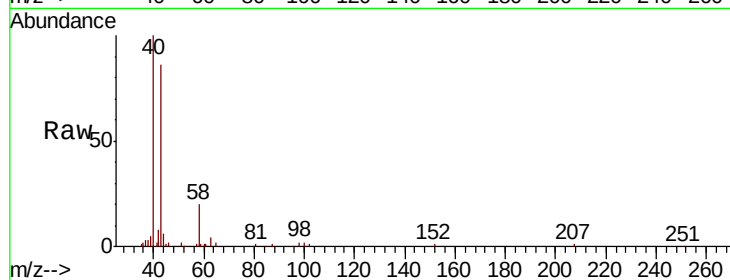
BF5MORE

Tot Ion: 43 Resp: 25841

Ion Ratio Lower Upper

43 100

58 28.7 0.0 56.2



#14

Carbon disulfide

Concen: 0.344 ug/L

RT: 4.37 min Scan# 405

Delta R.T. -0.00 min

Lab File: VW009502.D

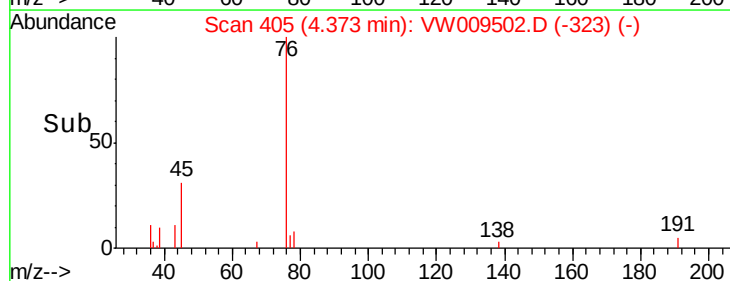
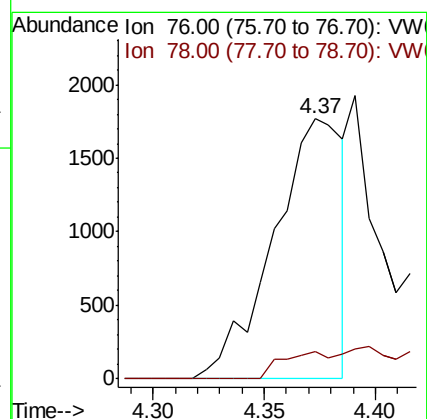
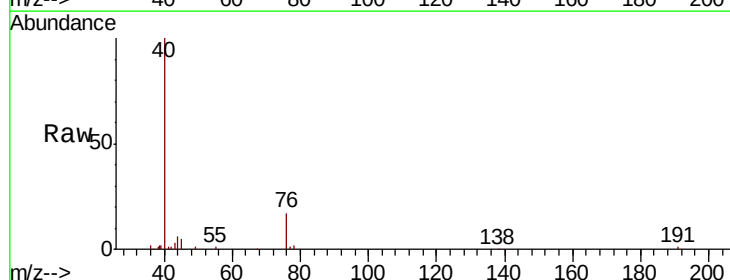
Acq: 27 Mar 2019 14:51

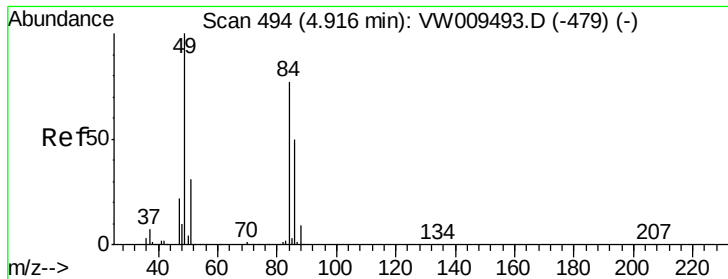
Tgt Ion: 76 Resp: 3828

Ion Ratio Lower Upper

76 100

78 10.7 7.3 10.9

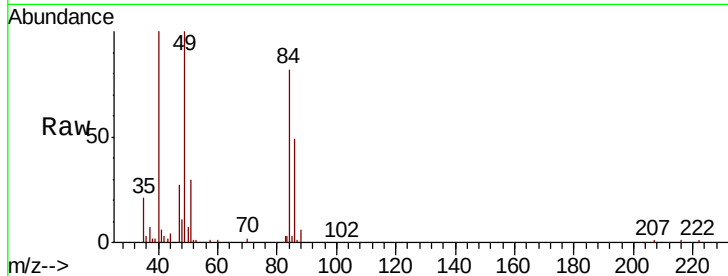




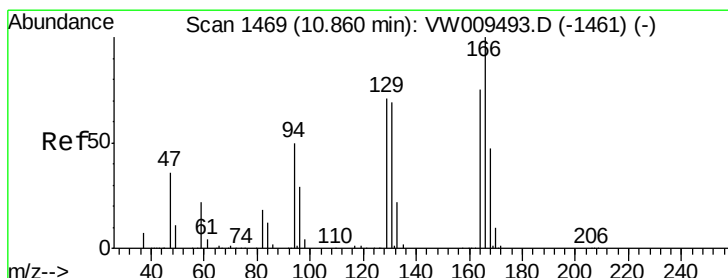
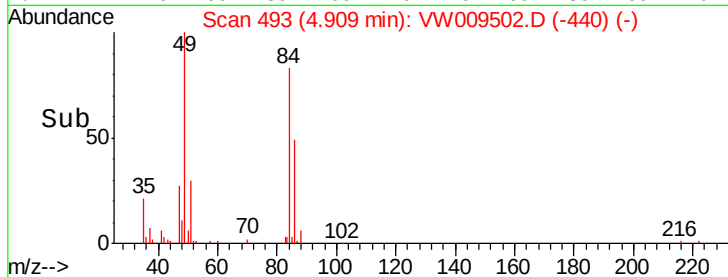
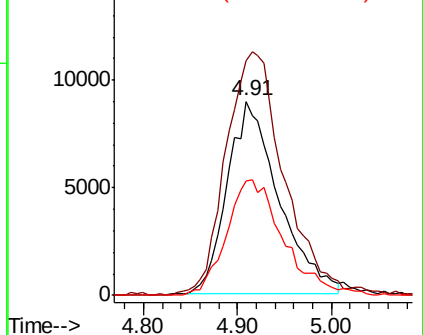
#16
Methylene chloride
Concen: 6.972 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW009502.D
Acq: 27 Mar 2019 14:51

Instrument :
MSVOA_W
ClientSampleId :
BF5M0RE

Tot Ion: 84 Resp: 34148
Ion Ratio Lower Upper
84 100
49 121.1 96.0 178.2
86 59.1 44.4 82.5

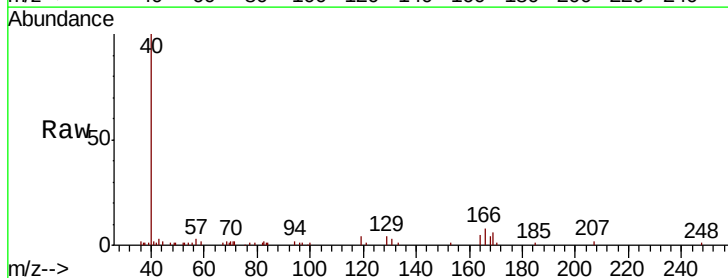


Abundance Ion 84.00 (83.70 to 84.70): VW
Ion 49.00 (48.70 to 49.70): VW
Ion 86.00 (85.70 to 86.70): VW

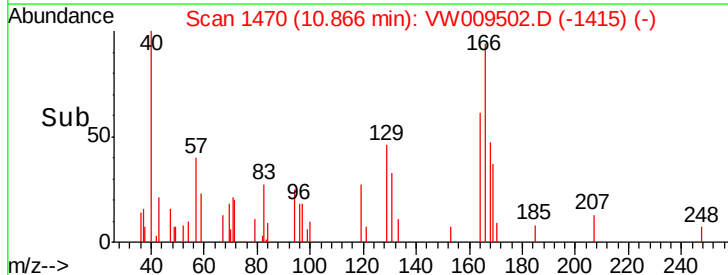
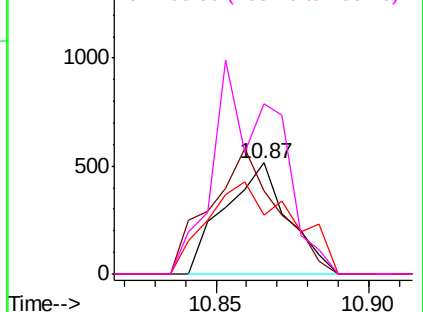


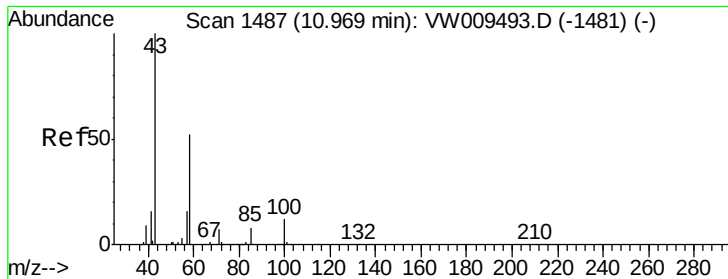
#47
Tetrachloroethene
Concen: 0.263 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW009502.D
Acq: 27 Mar 2019 14:51

Tgt Ion:164 Resp: 738
Ion Ratio Lower Upper
164 100
129 75.1 66.5 123.5
131 53.4 62.6 116.3#
166 153.8 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

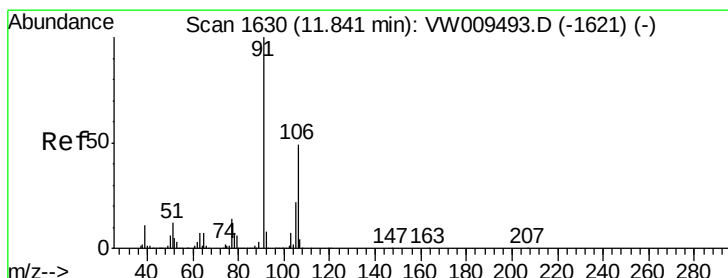
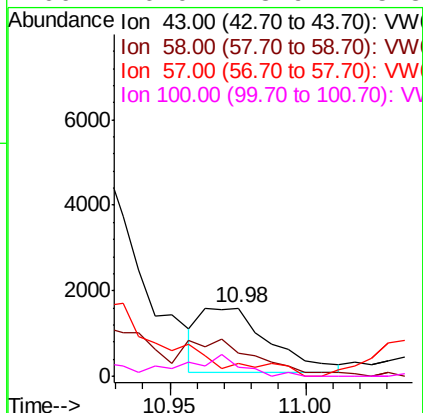
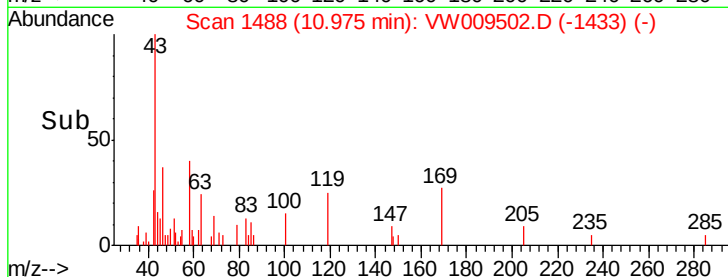
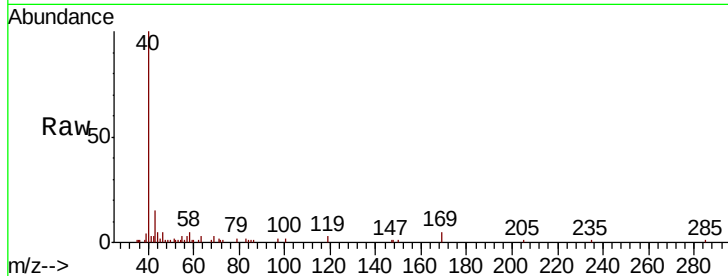




#49
2-Hexanone
Concen: 1.289 ug/L
RT: 10.98 min Scan# 1488
Delta R.T. 0.01 min
Lab File: VW009502.D
Acq: 27 Mar 2019 14:51

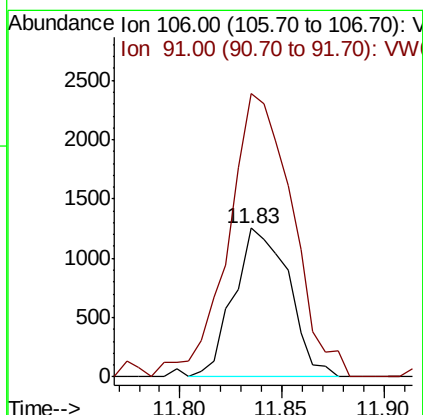
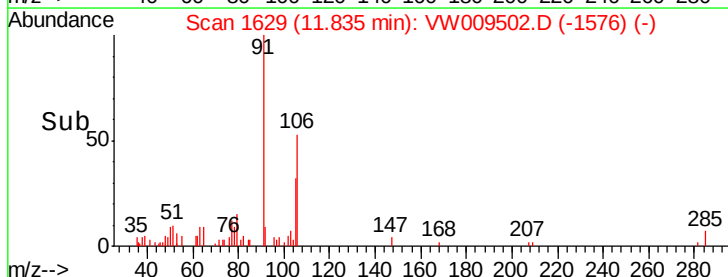
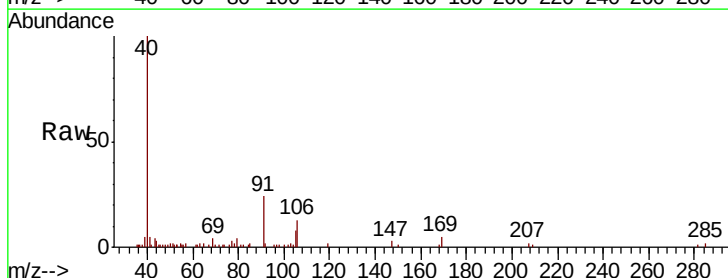
Instrument :
MSVOA_W
ClientSampleId :
BF5M0RE

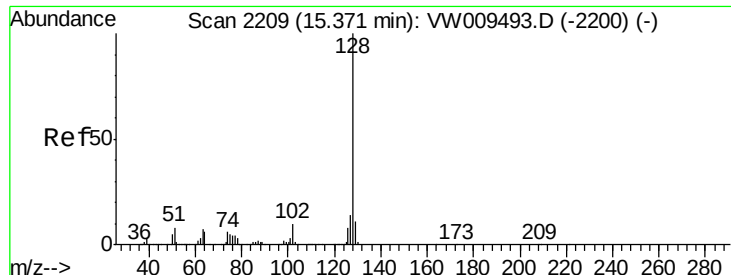
Tot Ion: 43 Resp: 2634
Ion Ratio Lower Upper
43 100
58 59.9 39.2 58.8#
57 0.0 14.2 21.2#
100 26.0 8.9 13.3#



#54
m,p-Xylene
Concen: 0.402 ug/L
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW009502.D
Acq: 27 Mar 2019 14:51

Tgt Ion: 106 Resp: 2342
Ion Ratio Lower Upper
106 100
91 190.2 138.4 257.0





#69

Naphthalene

Concen: 0.260 ug/L

RT: 15.38 min Scan# 2211

Delta R.T. 0.01 min

Lab File: VW009502.D

Acq: 27 Mar 2019 14:51

Instrument :

MSVOA_W

ClientSampleId :

BF5M0RE

Tot Ion:128 Resp: 1107

Ion Ratio Lower Upper

128 100

129 5.8 8.7 13.1#

127 10.1 11.1 16.7#

