

Data File : VW008963.D
Acq On : 04 Mar 2019 13:34
Operator : SY/VA
Sample : K1657-01
Misc : 6.81G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DB647RE

Quant Time: Mar 05 05:40:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM022019S.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 05 05:37:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	66392	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	53137	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	13702	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	21454	20.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.08%
7) Chloroethane-d5	2.89	69	21698	23.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.60%
10) 1,1-Dichloroethene-d2	4.02	63	31948	18.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.40%
20) 2-Butanone-d5	7.09	46	8416	27.33	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	54.66%
24) Chloroform-d	7.65	84	21503	13.39	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	53.56%
26) 1,2-Dichloroethane-d4	8.30	65	23430	24.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.92%
29) Benzene-d6	8.27	84	79778	31.27	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	125.08%
33) 1,2-Dichloropropane-d6	9.27	67	24961	33.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	133.60%#
37) Toluene-d8	10.32	98	65263	25.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.20%
38) trans-1,3-Dichloropropene-	10.57	79	8564	22.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.48%
39) 2-Hexanone-d5	10.92	63	5609	27.55	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	55.10%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	13640	18.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	72.72%
61) 1,2-Dichlorobenzene-d4	13.86	152	12785	26.18	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.72%

Target Compounds

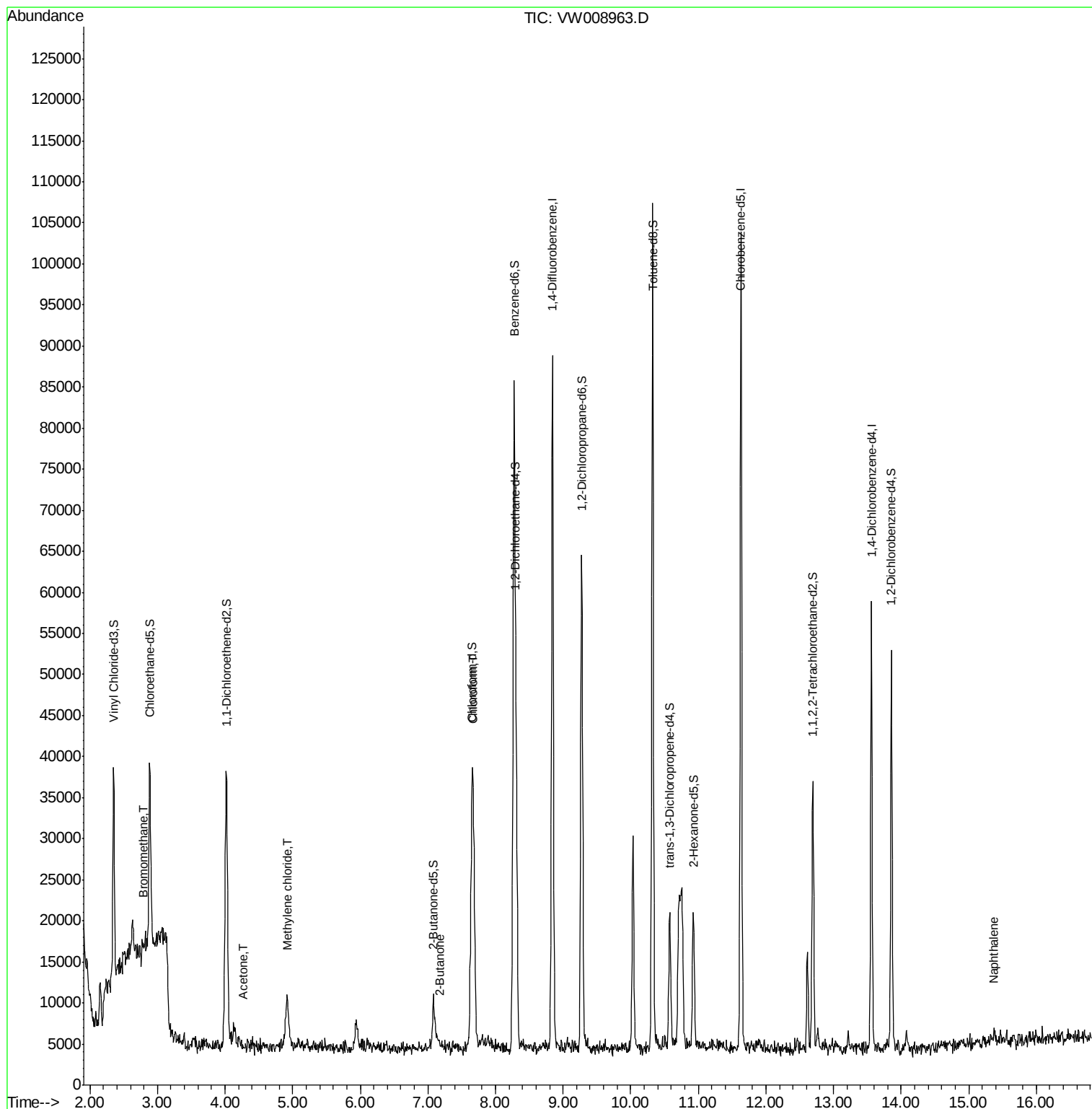
					Qvalue
6) Bromomethane	2.79	94	278	0.310 ug/L	98
13) Acetone	4.26	43	380	1.301 ug/L	71
16) Methylene chloride	4.92	84	4522	4.212 ug/L	91
21) 2-Butanone	7.18	43	312	0.763 ug/L #	46
25) Chloroform	7.67	83	21177	12.995 ug/L	97
69) Naphthalene	15.38	128	644	0.516 ug/L #	68

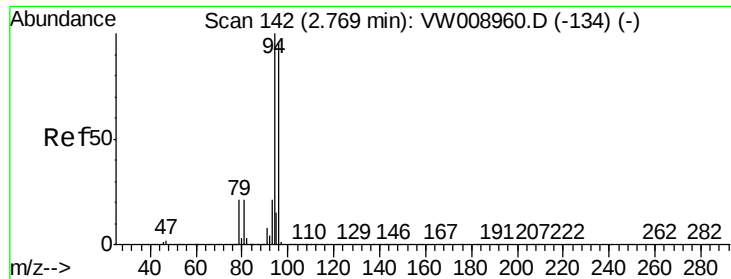
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Bromomethane

Concen: 0.310 ug/L

RT: 2.79 min Scan# 145

Delta R.T. 0.02 min

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Instrument :

MSVOA_W

ClientSampleId :

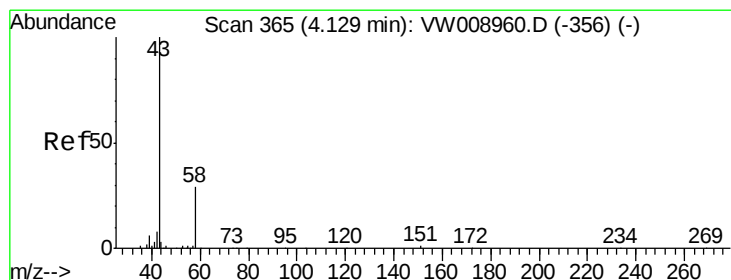
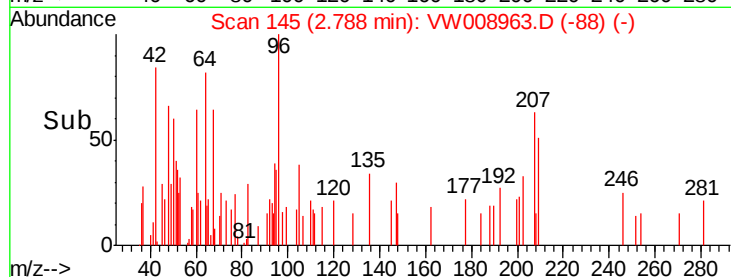
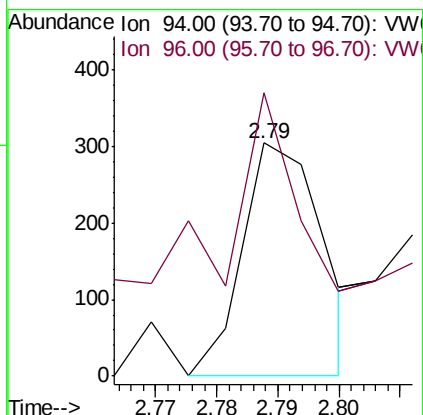
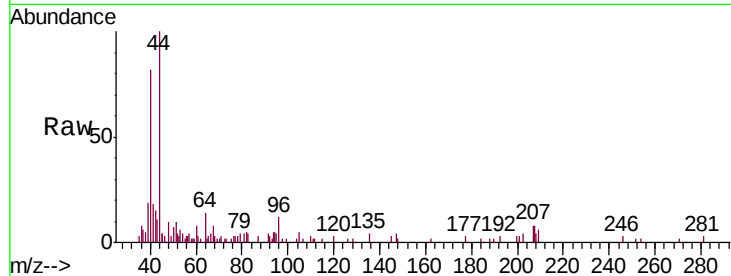
DB647RE

Tgt Ion: 94 Resp: 278

Ion Ratio Lower Upper

94 100

96 89.9 9.2 175.4



#13

Acetone

Concen: 1.301 ug/L

RT: 4.26 min Scan# 387

Delta R.T. 0.13 min

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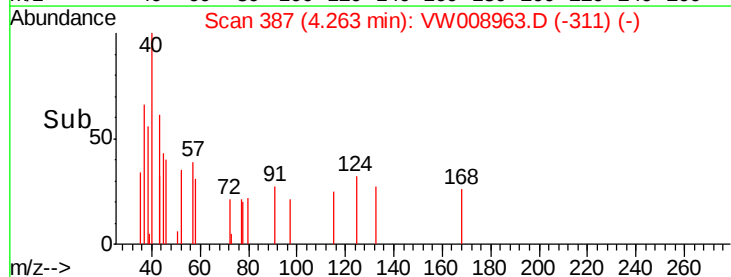
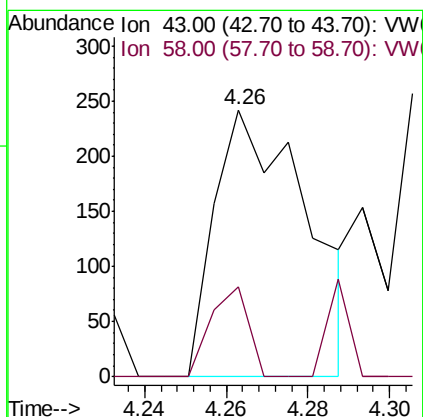
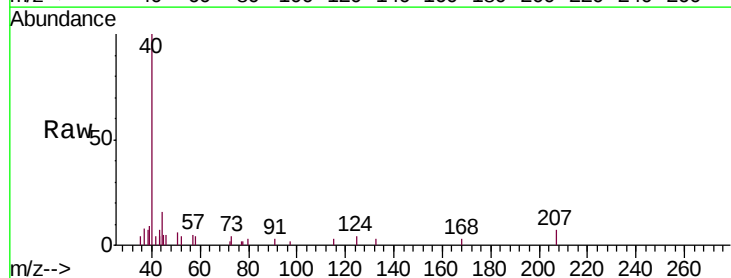
Acq: 04 Mar 2019 13:34

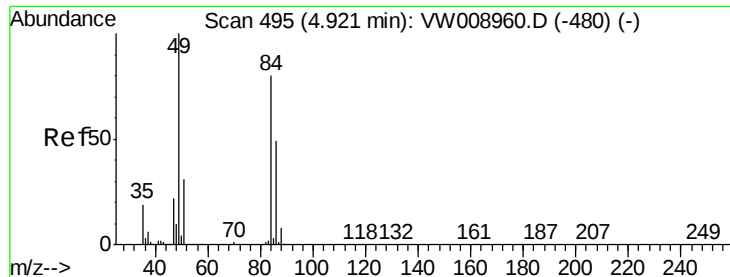
Tgt Ion: 43 Resp: 380

Ion Ratio Lower Upper

43 100

58 13.7 0.0 58.6

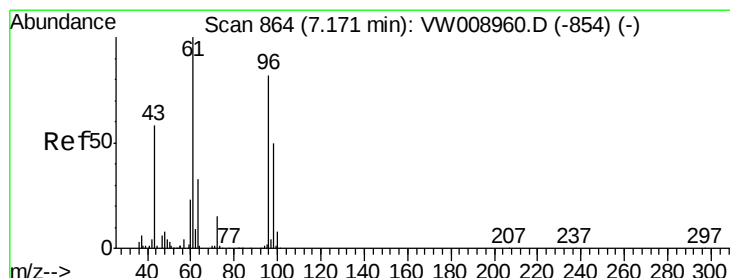
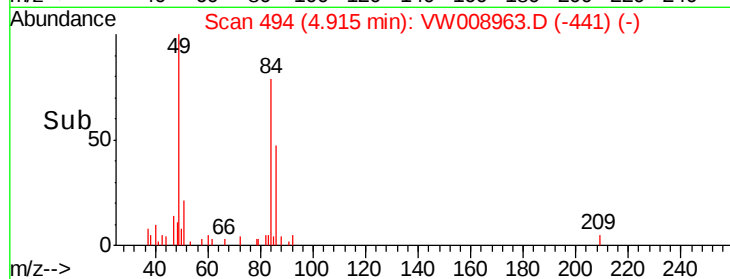
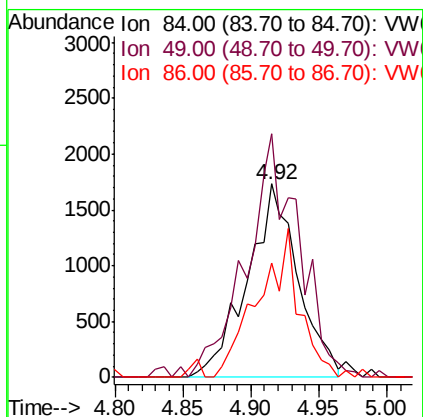
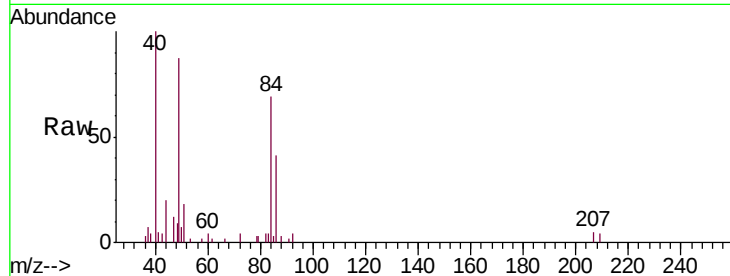




#16
Methylene chloride
Concen: 4.212 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
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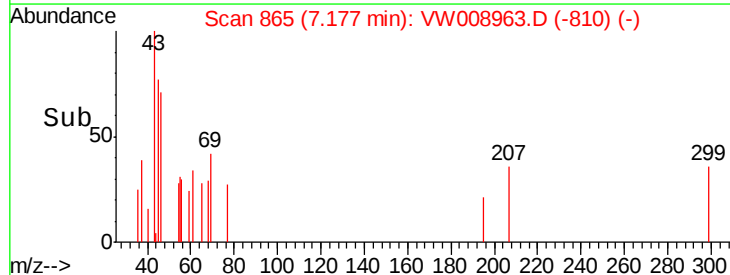
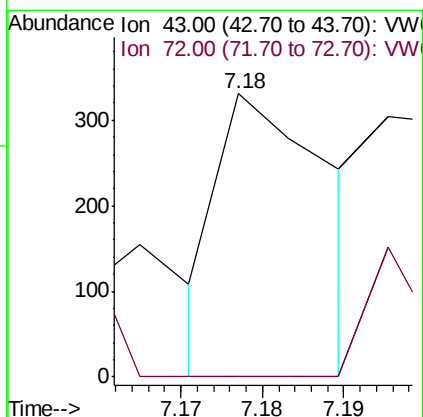
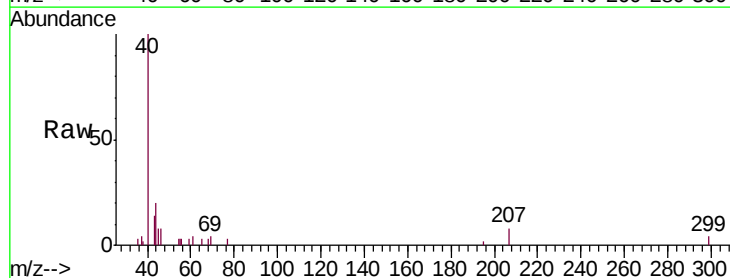
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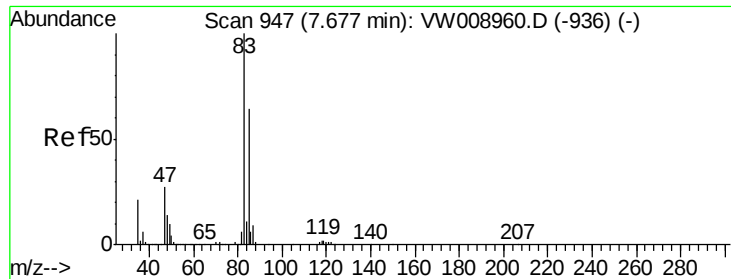
Tgt Ion: 84 Resp: 4522
Ion Ratio Lower Upper
84 100
49 126.1 79.2 147.0
86 59.1 43.2 80.2



#21
2-Butanone
Concen: 0.763 ug/L
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW008963.D
Acq: 04 Mar 2019 13:34

Tgt Ion: 43 Resp: 312
Ion Ratio Lower Upper
43 100
72 0.0 14.4 43.4#





#25

Chloroform

Concen: 12.995 ug/L

RT: 7.67 min Scan# 946

Delta R.T. -0.01 min

Lab File: VW008963.D

Acq: 04 Mar 2019 13:34

Instrument :

MSVOA_W

ClientSampleId :

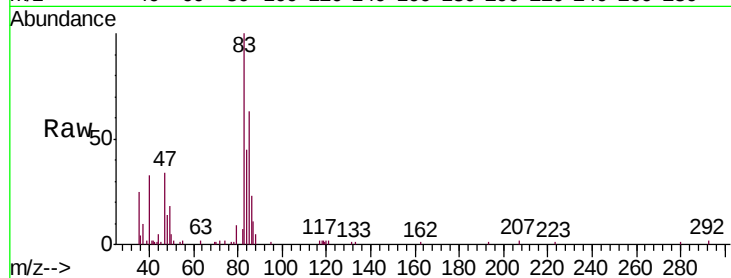
DB647RE

Tgt Ion: 83 Resp: 21177

Ion Ratio Lower Upper

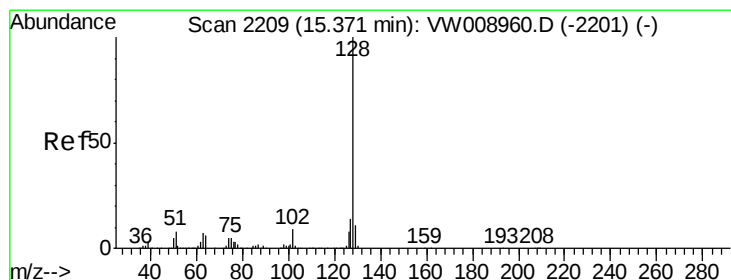
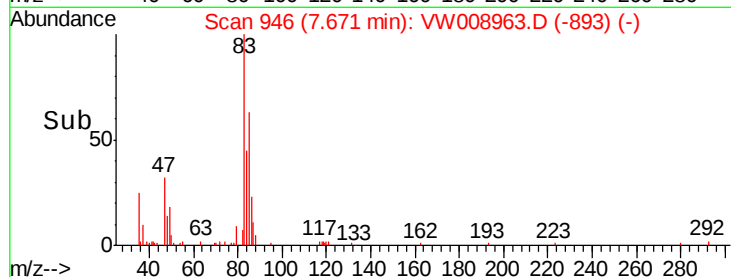
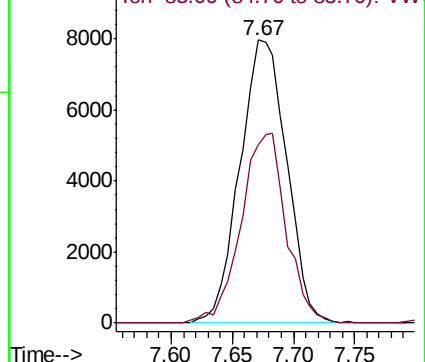
83 100

85 63.5 45.8 85.2



Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW



#69

Naphthalene

Concen: 0.516 ug/L

RT: 15.38 min Scan# 2210

Delta R.T. 0.01 min

Lab File: VW008963.D

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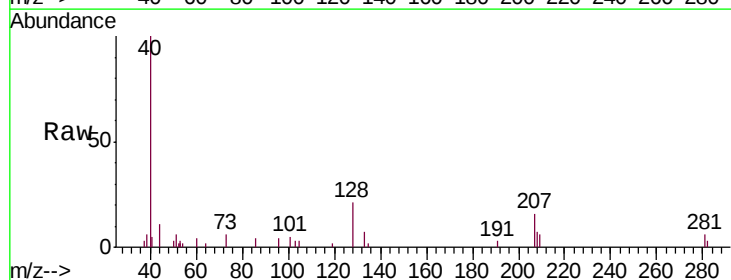
Tgt Ion: 128 Resp: 644

Ion Ratio Lower Upper

128 100

129 0.0 8.8 13.2#

127 0.0 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

