

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062018\
 Data File : VW003364.D
 Acq On : 20 Jun 2018 20:37
 Operator : SY/AP
 Sample : J3569-09
 Misc : 3.64G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DAXR0

Quant Time: Jun 21 05:05:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 21 05:02:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	12775	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	5710	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	1141	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	11130	64.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	256.96%#
7) Chloroethane-d5	2.88	69	9841	68.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	272.32%#
10) 1,1-Dichloroethene-d2	4.01	63	13196	38.36	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	153.44%#
20) 2-Butanone-d5	7.08	46	8628	158.04	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	316.08%#
24) Chloroform-d	7.65	84	20451	60.86	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	243.44%#
26) 1,2-Dichloroethane-d4	8.31	65	12093	60.56	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	242.24%#
29) Benzene-d6	8.27	84	23915	78.93	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	315.72%#
33) 1,2-Dichloropropane-d6	9.28	67	12540	130.76	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	523.04%#
37) Toluene-d8	10.33	98	13626	47.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	188.16%#
38) trans-1,3-Dichloropropene-	10.58	79	2363	52.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	209.92%#
39) 2-Hexanone-d5	10.93	63	3441	175.54	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	351.08%#
48) 1,1,2,2-Tetrachloroethane-	12.70	84	12350	138.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	553.64%#
61) 1,2-Dichlorobenzene-d4	13.87	152	1435	33.30	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	133.20%#

Target Compounds

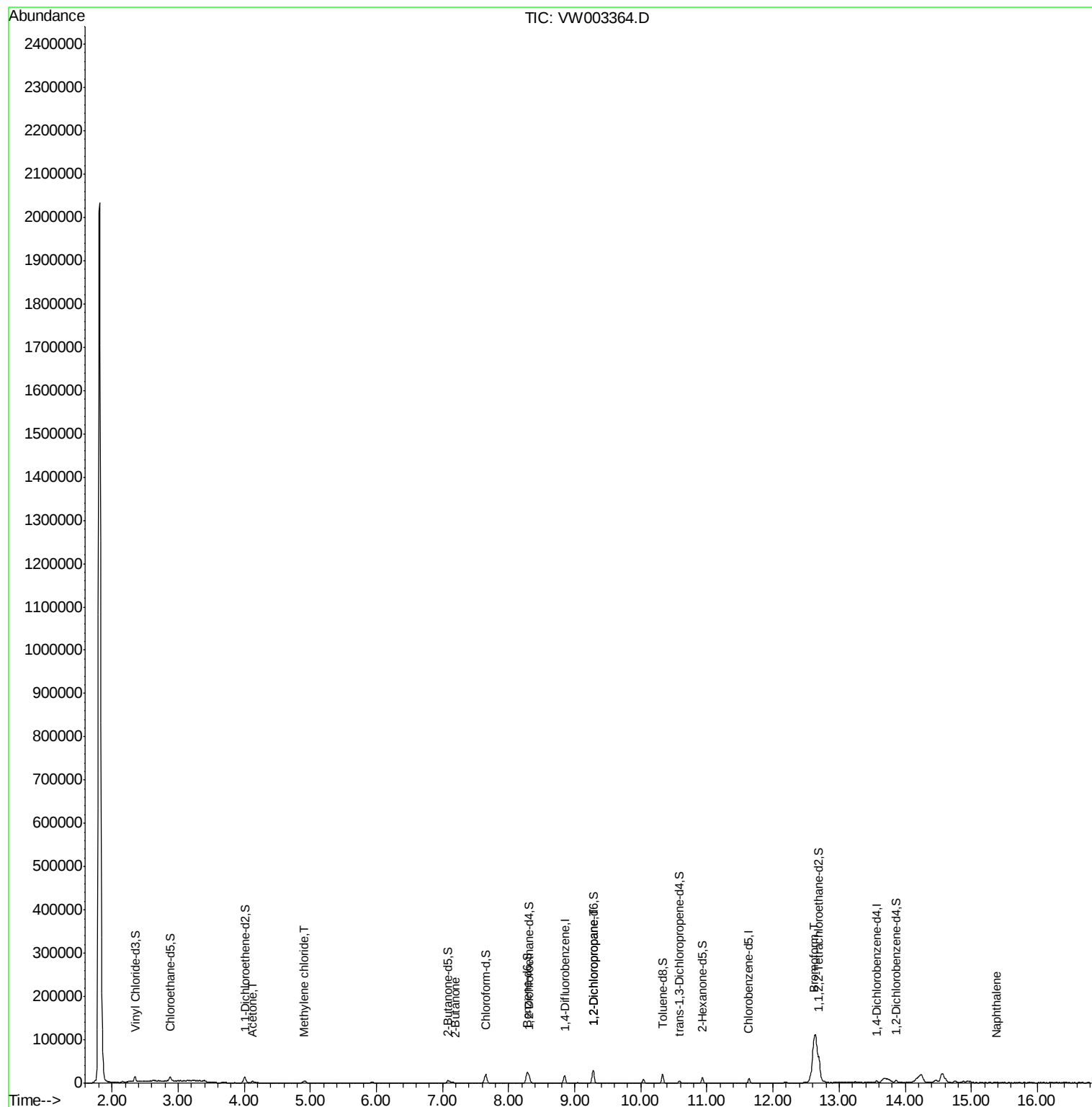
					Qvalue
13) Acetone	4.13	43	6892	118.433 ug/L	73
16) Methylene chloride	4.91	84	2819	16.015 ug/L	93
21) 2-Butanone	7.20	43	139	2.033 ug/L	75
40) 1,2-Dichloropropane	9.27	63	1541	17.984 ug/L #	87
62) Bromoform	12.62	173	137	7.134 ug/L #	1
69) Naphthalene	15.38	128	284	3.420 ug/L #	69

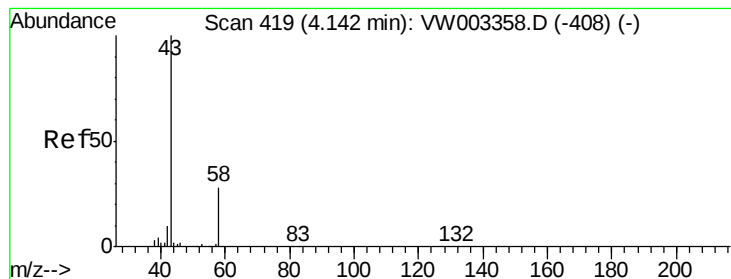
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jun 21 05:02:42 2018
Response via : Initial Calibration





#13

Acetone

Concen: 118.433 ug/L

RT: 4.13 min Scan# 417

Delta R.T. -0.01 min

Lab File: VW003364.D

Acq: 20 Jun 2018 20:37

Instrument :

MSVOA_W

ClientSampleId :

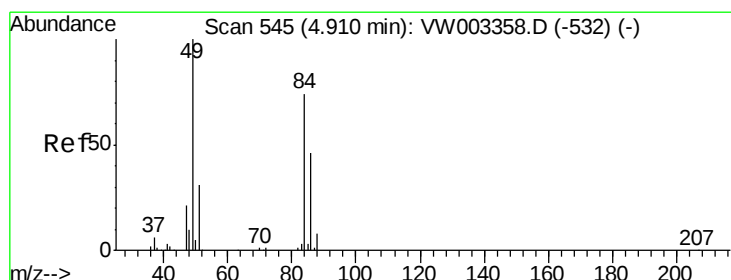
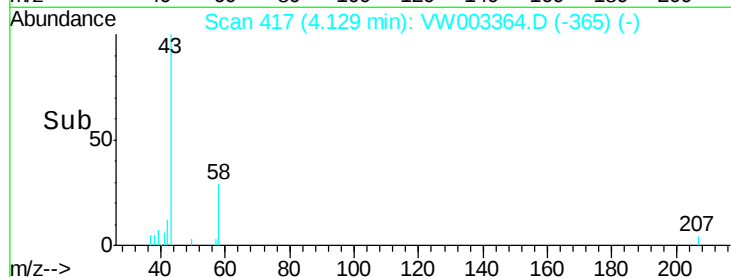
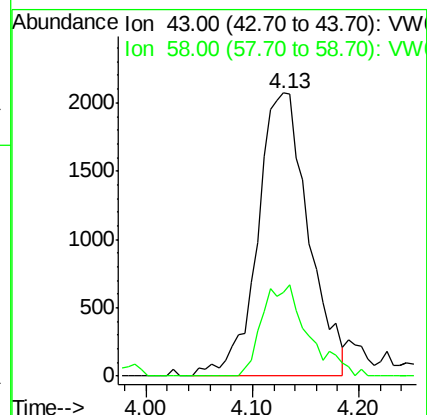
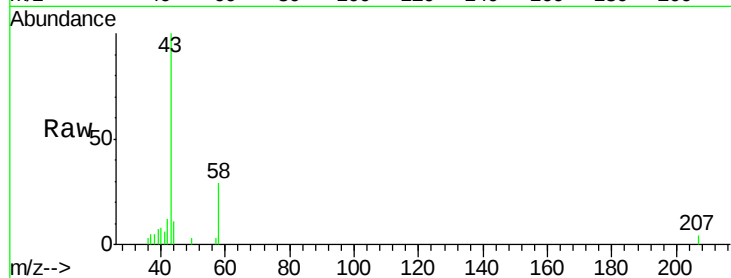
DAXR0

Tgt Ion: 43 Resp: 6892

Ion Ratio Lower Upper

43 100

58 14.7 0.0 58.6



#16

Methylene chloride

Concen: 16.015 ug/L

RT: 4.91 min Scan# 545

Delta R.T. -0.00 min

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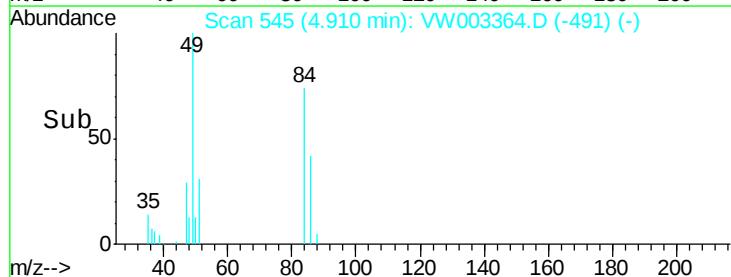
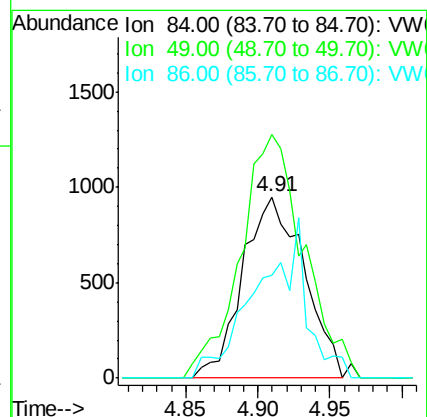
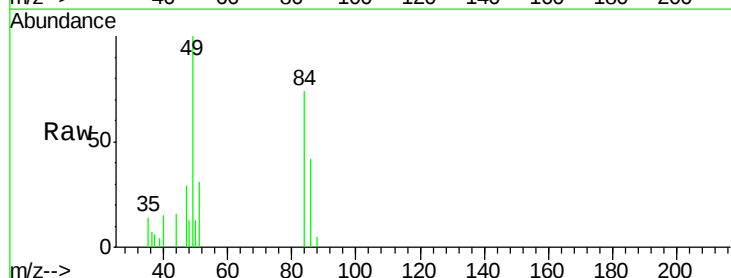
Tgt Ion: 84 Resp: 2819

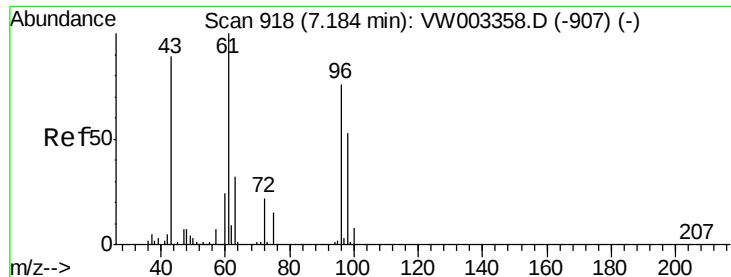
Ion Ratio Lower Upper

84 100

49 134.6 88.7 164.7

86 56.5 44.2 82.0





#21

2-Butanone

Concen: 2.033 ug/L

RT: 7.20 min Scan# 920

Delta R.T. 0.01 min

Lab File: VW003364.D

Acq: 20 Jun 2018 20:37

Instrument :

MSVOA_W

ClientSampleId :

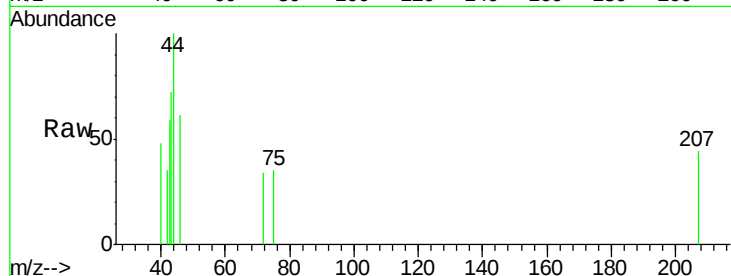
DAXR0

Tgt Ion: 43 Resp: 139

Ion Ratio Lower Upper

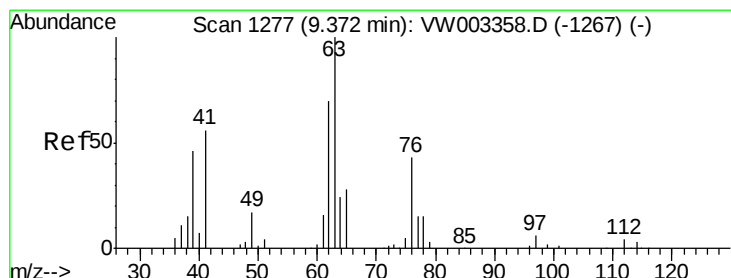
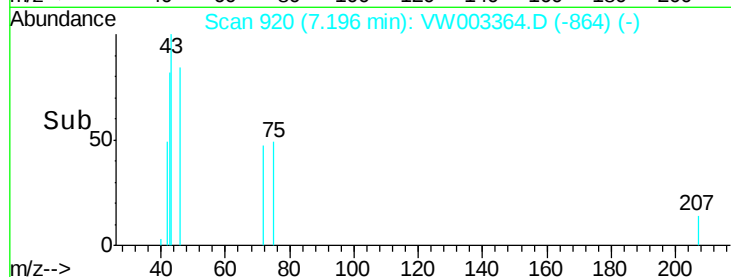
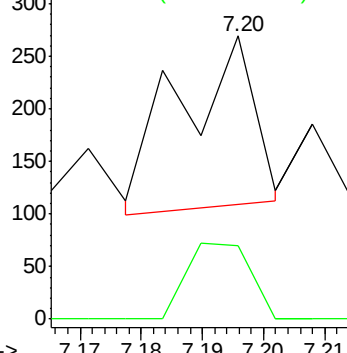
43 100

72 37.4 12.5 37.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#40

1,2-Dichloropropane

Concen: 17.984 ug/L

RT: 9.27 min Scan# 1261

Delta R.T. -0.10 min

Lab File: VW003364.D

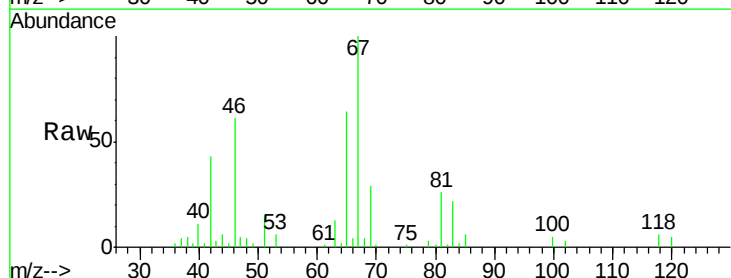
Acq: 20 Jun 2018 20:37

Tgt Ion: 63 Resp: 1541

Ion Ratio Lower Upper

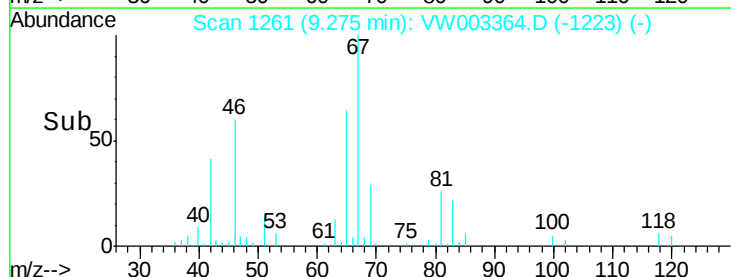
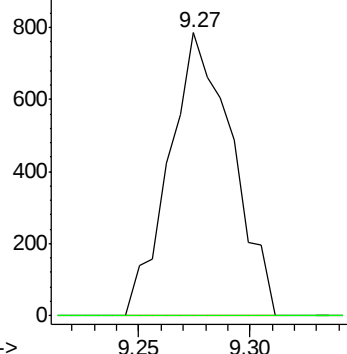
63 100

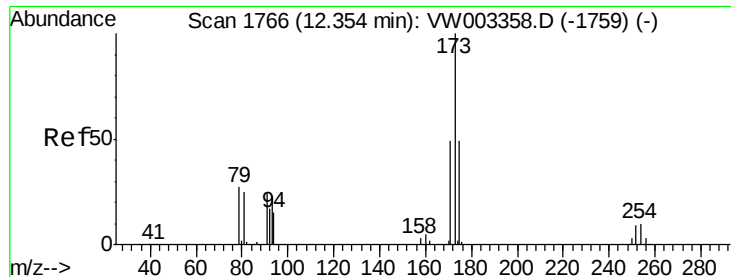
112 0.0 3.4 5.0#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V





#62

Bromoform

Concen: 7.134 ug/L

RT: 12.62 min Scan# 1809

Delta R.T. 0.26 min

Lab File: VW003364.D

Acq: 20 Jun 2018 20:37

Instrument :

MSVOA_W

ClientSampled :

DAXR0

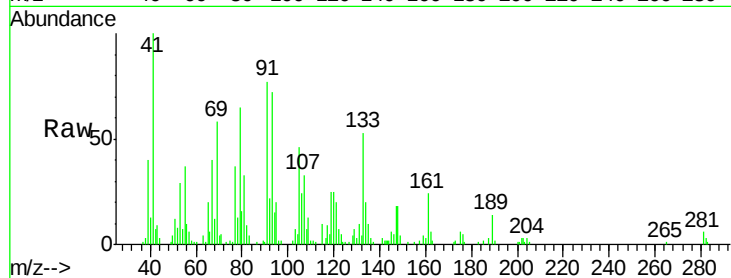
Tgt Ion:173 Resp: 137

Ion Ratio Lower Upper

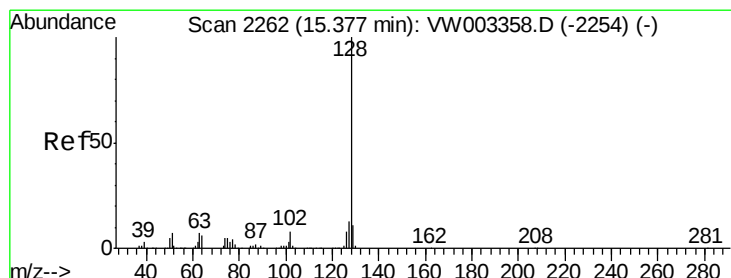
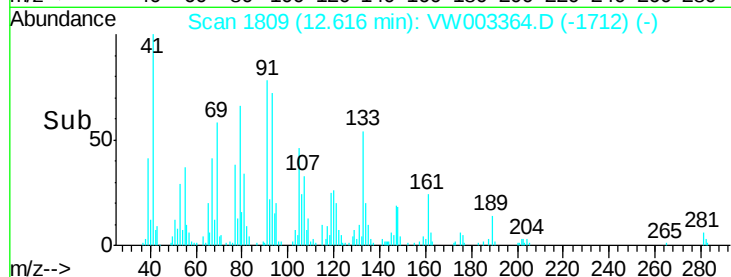
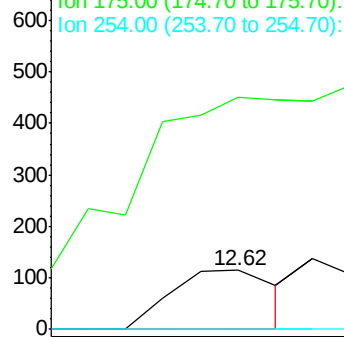
173 100

175 560.6 39.9 59.9#

254 0.0 7.7 11.5#



Abundance Ion 173.00 (172.70 to 173.70): V
Ion 175.00 (174.70 to 175.70): V
Ion 254.00 (253.70 to 254.70): V



#69

Naphthalene

Concen: 3.420 ug/L

RT: 15.38 min Scan# 2263

Delta R.T. 0.01 min

Lab File: VW003364.D

Acq: 20 Jun 2018 20:37

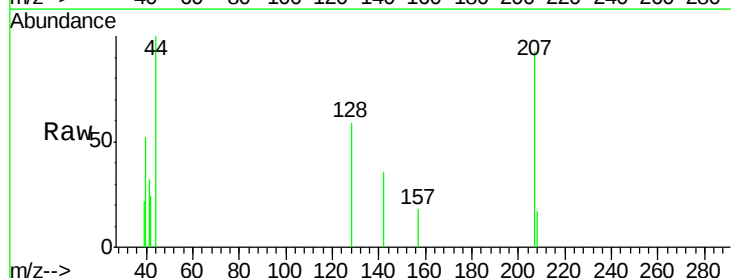
Tgt Ion:128 Resp: 284

Ion Ratio Lower Upper

128 100

129 0.0 8.6 13.0#

127 0.0 10.9 16.3#



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

