

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062018\
 Data File : VW003366.D
 Acq On : 20 Jun 2018 21:29
 Operator : SY/AP
 Sample : J3569-11
 Misc : 3.38G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DAXR2

Quant Time: Jun 21 05:05:50 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	305020	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	228734	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	54137	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	113190	27.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.44%
7) Chloroethane-d5	2.89	69	90898	26.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.36%
10) 1,1-Dichloroethene-d2	4.01	63	159593	19.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.72%
20) 2-Butanone-d5	7.09	46	60871	46.70	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.40%
24) Chloroform-d	7.65	84	208705	26.01	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.04%
26) 1,2-Dichloroethane-d4	8.31	65	129921	27.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.00%
29) Benzene-d6	8.28	84	399024	32.88	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	131.52%
33) 1,2-Dichloropropane-d6	9.28	67	126008	32.80	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	131.20%#
37) Toluene-d8	10.33	98	328855	28.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	113.36%
38) trans-1,3-Dichloropropene-	10.58	79	32799	18.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.76%
39) 2-Hexanone-d5	10.93	63	42063	53.57	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.14%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	73091	20.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.80%
61) 1,2-Dichlorobenzene-d4	13.86	152	49494	24.21	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.84%

Target Compounds

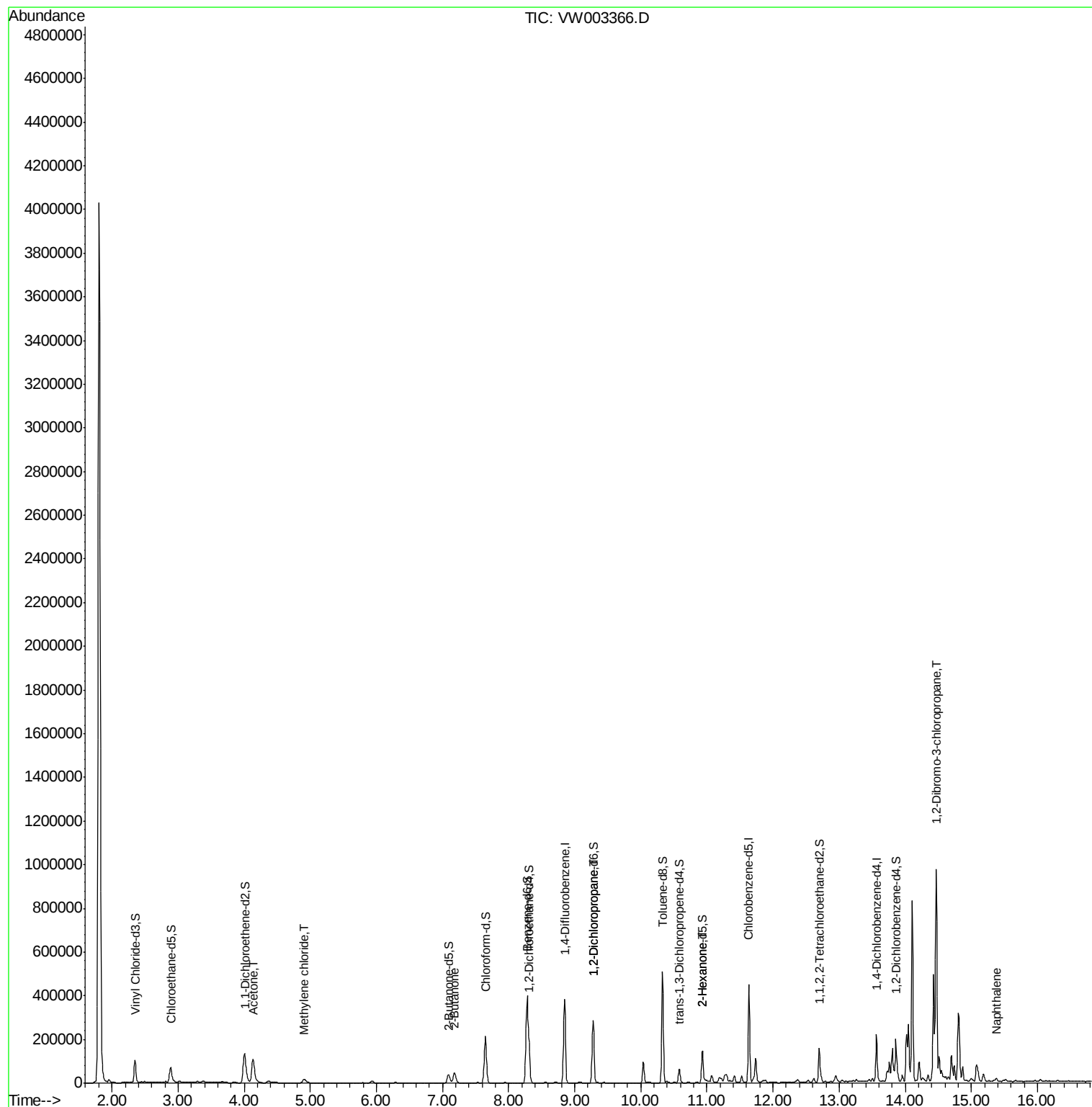
					Qvalue
13) Acetone	4.14	43	198069	142.553 ug/L	99
16) Methylene chloride	4.90	84	13264	3.156 ug/L	91
21) 2-Butanone	7.18	43	71906	44.040 ug/L	97
40) 1,2-Dichloropropane	9.27	63	15342	4.470 ug/L #	88
49) 2-Hexanone	10.93	43	11233	6.147 ug/L #	62
66) 1,2-Dibromo-3-chloropropan	14.46	75	7713	27.655 ug/L #	9
69) Naphthalene	15.38	128	11050	2.805 ug/L #	90

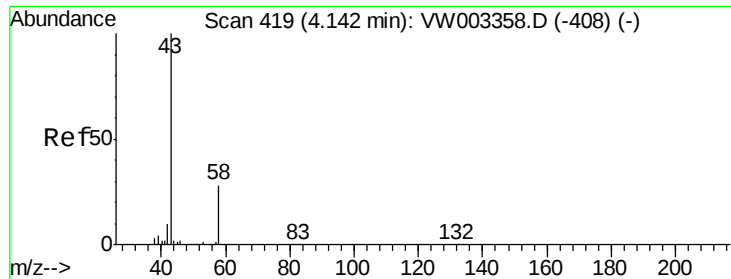
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 142.553 ug/L

RT: 4.14 min Scan# 418

Delta R.T. -0.01 min

Lab File: VW003366.D

Acq: 20 Jun 2018 21:29

Instrument :

MSVOA_W

ClientSampleId :

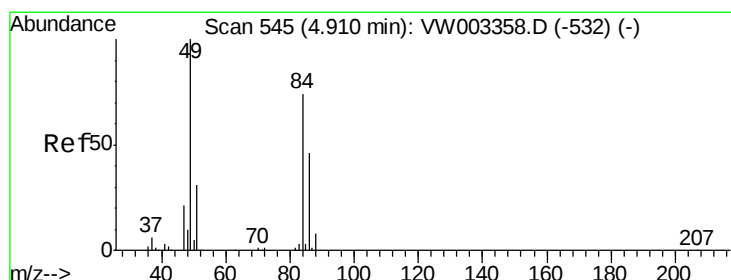
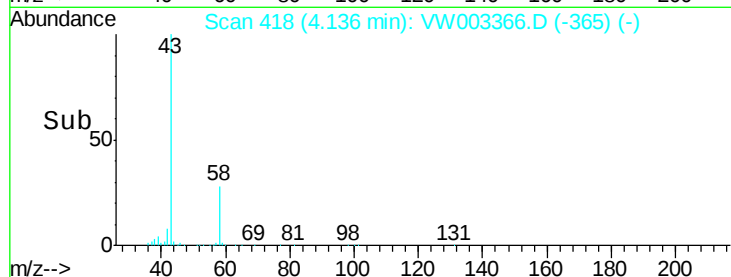
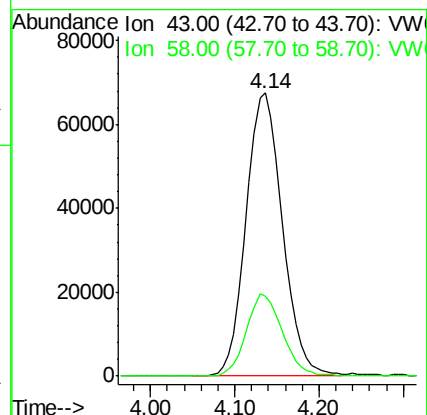
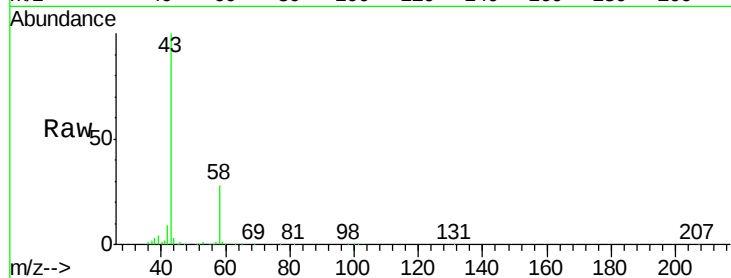
DAXR2

Tgt Ion: 43 Resp: 198069

Ion Ratio Lower Upper

43 100

58 28.7 0.0 58.6



#16

Methylene chloride

Concen: 3.156 ug/L

RT: 4.90 min Scan# 544

Delta R.T. -0.01 min

Lab File: VW003366.D

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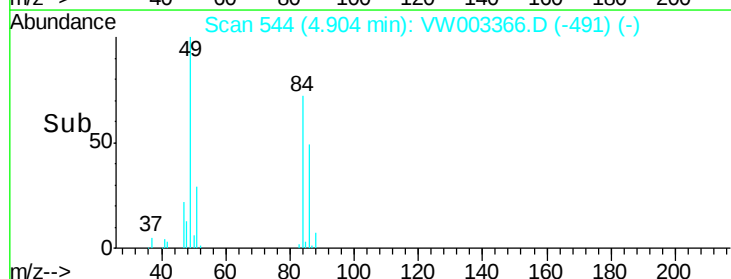
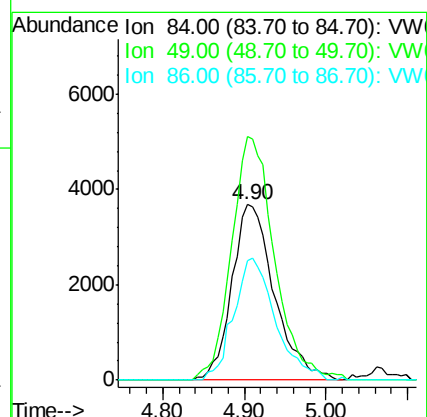
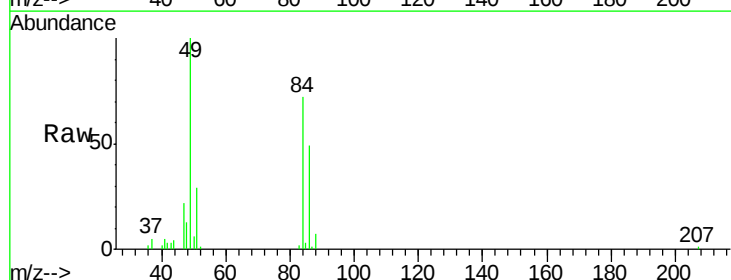
Tgt Ion: 84 Resp: 13264

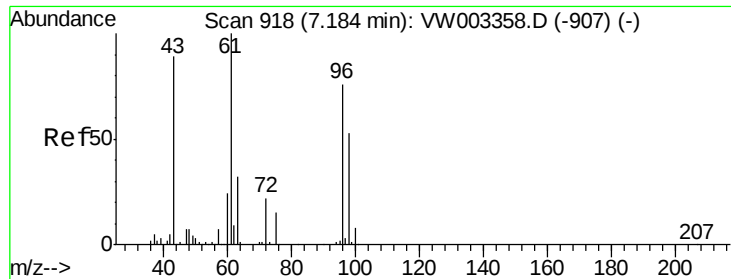
Ion Ratio Lower Upper

84 100

49 139.0 88.7 164.7

86 68.5 44.2 82.0





#21

2-Butanone

Concen: 44.040 ug/L

RT: 7.18 min Scan# 918

Delta R.T. 0.00 min

Lab File: VW003366.D

Acq: 20 Jun 2018 21:29

Instrument :

MSVOA_W

ClientSampleId :

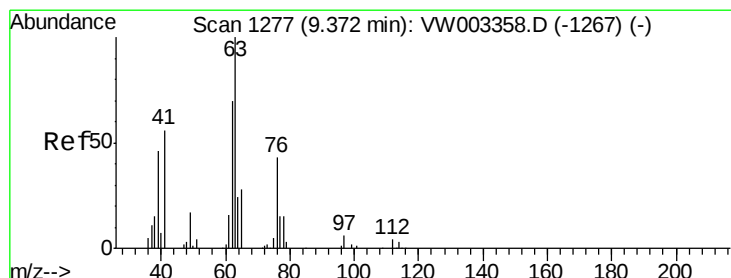
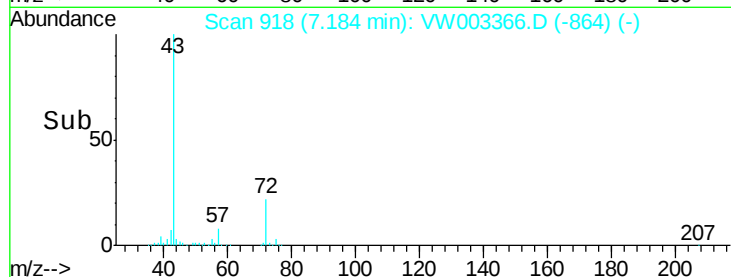
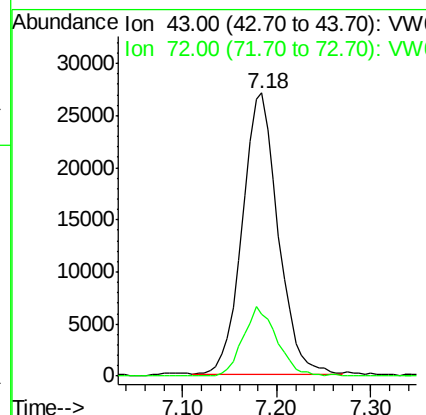
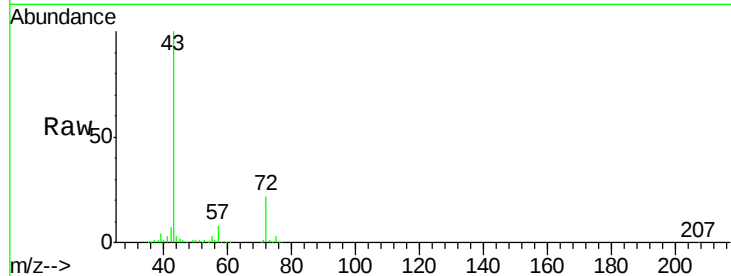
DAXR2

Tgt Ion: 43 Resp: 71906

Ion Ratio Lower Upper

43 100

72 23.5 12.5 37.5



#40

1,2-Dichloropropane

Concen: 4.470 ug/L

RT: 9.27 min Scan# 1261

Delta R.T. -0.10 min

Lab File: VW003366.D

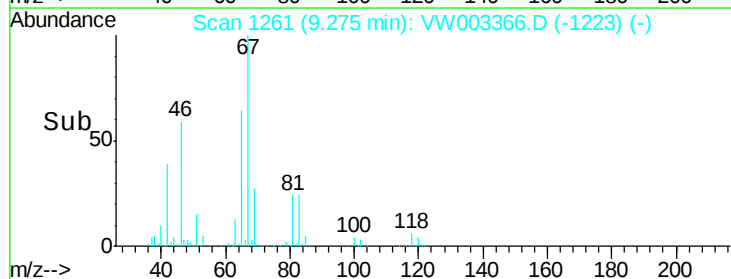
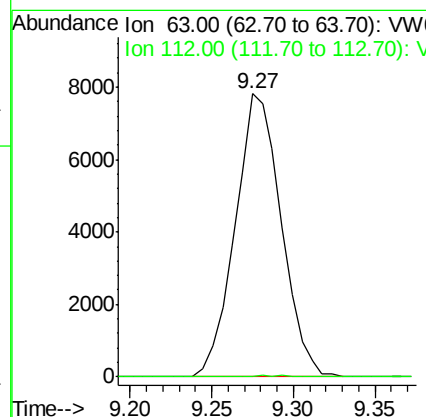
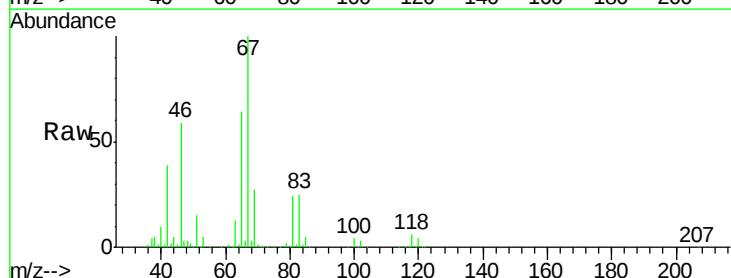
Acq: 20 Jun 2018 21:29

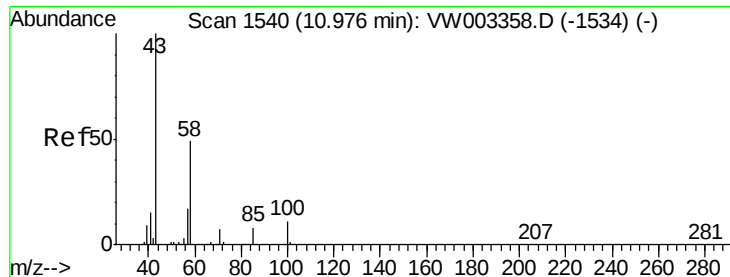
Tgt Ion: 63 Resp: 15342

Ion Ratio Lower Upper

63 100

112 0.1 3.4 5.0#

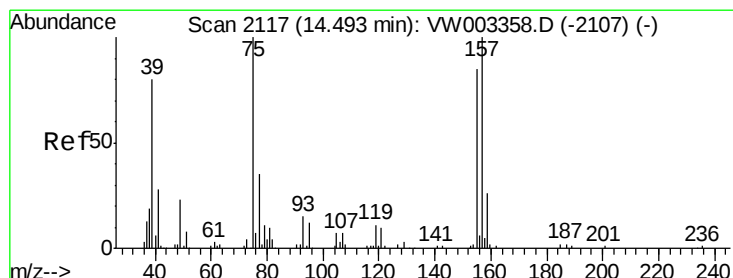
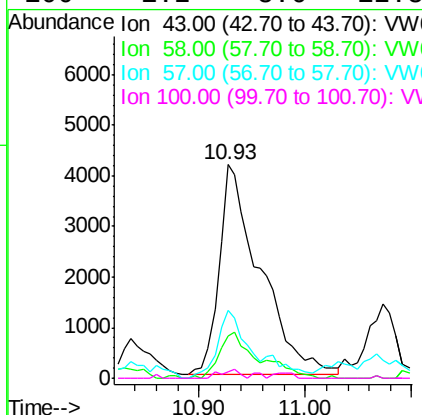
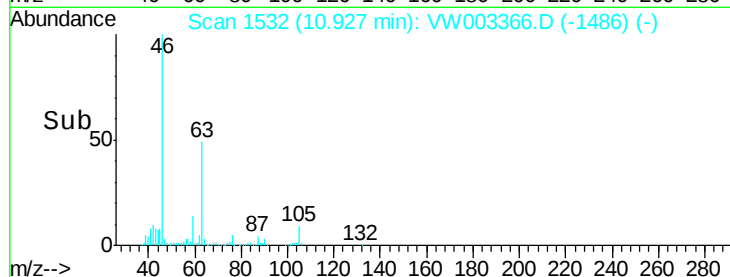
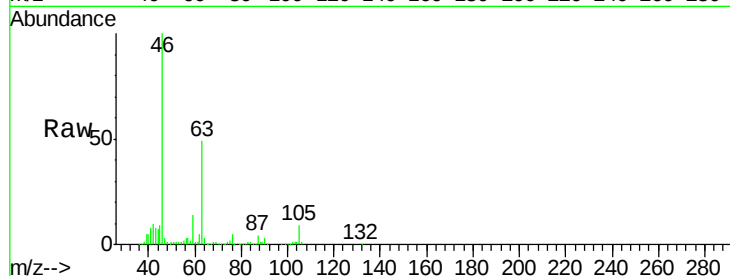




#49
2-Hexanone
Concen: 6.147 ug/L
RT: 10.93 min Scan# 1532
Delta R.T. -0.05 min
Lab File: VW003366.D
Acq: 20 Jun 2018 21:29

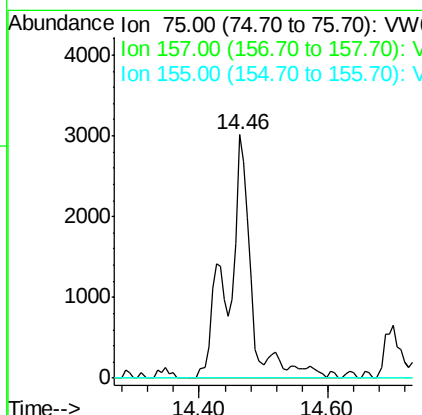
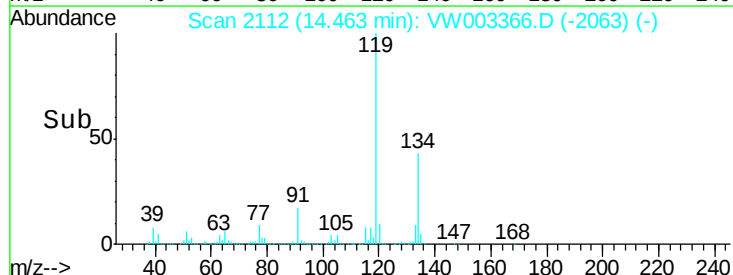
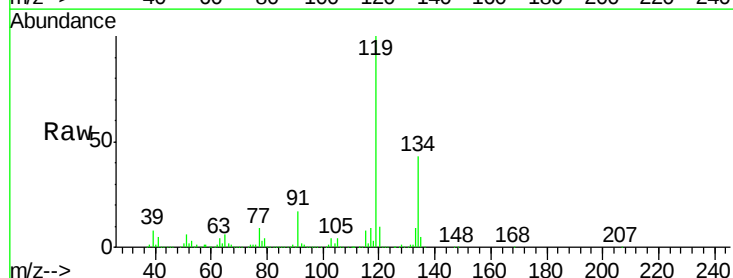
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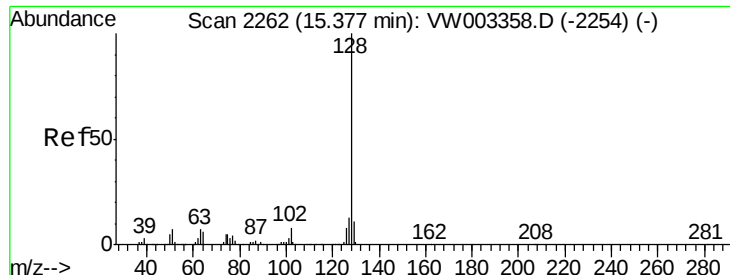
Tgt Ion: 43 Resp: 11233
Ion Ratio Lower Upper
43 100
58 15.3 40.4 60.6#
57 21.7 14.6 21.8
100 1.2 8.6 12.8#



#66
1,2-Dibromo-3-chloropropane
Concen: 27.655 ug/L
RT: 14.46 min Scan# 2112
Delta R.T. -0.03 min
Lab File: VW003366.D
Acq: 20 Jun 2018 21:29

Tgt Ion: 75 Resp: 7713
Ion Ratio Lower Upper
75 100
157 0.0 70.7 106.1#
155 0.0 59.0 88.6#





#69

Naphthalene

Concen: 2.805 ug/L

RT: 15.38 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VW003366.D

Acq: 20 Jun 2018 21:29

Instrument :

MSVOA_W

ClientSampleId :

DAXR2

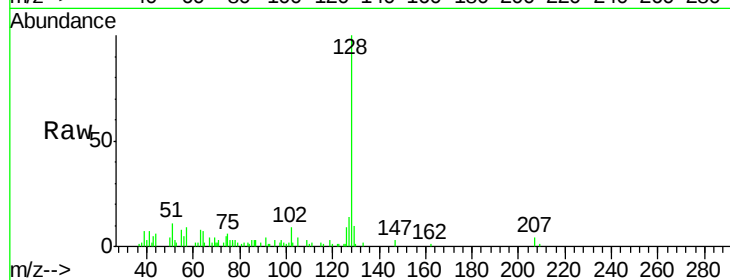
Tgt Ion:128 Resp: 11050

Ion Ratio Lower Upper

128 100

129 14.6 8.6 13.0#

127 17.5 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

