

Data File : VW014108.D
Acq On : 25 Nov 2019 13:39
Operator : SY/VA
Sample : K6007-04
Misc : 5.33G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BL2

Quant Time: Nov 26 09:32:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 26 07:45:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	329013	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	246005	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	71555	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	75303	14.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.40%
7) Chloroethane-d5	2.89	69	79713	18.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.92%
10) 1,1-Dichloroethene-d2	4.01	63	125041	11.61	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	46.44%
20) 2-Butanone-d5	7.07	46	56219	36.86	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.72%
24) Chloroform-d	7.64	84	215997	21.35	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.40%
26) 1,2-Dichloroethane-d4	8.30	65	99877	19.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	78.56%
29) Benzene-d6	8.27	84	443285	25.40	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.60%
33) 1,2-Dichloropropane-d6	9.27	67	141284	27.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.52%
37) Toluene-d8	10.32	98	358603	21.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.64%
38) trans-1,3-Dichloropropene-	10.58	79	29880	13.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	54.60%
39) 2-Hexanone-d5	10.92	63	39394	40.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.26%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	88849	23.01	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.04%
61) 1,2-Dichlorobenzene-d4	13.85	152	83533	29.06	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	116.24%

Target Compounds

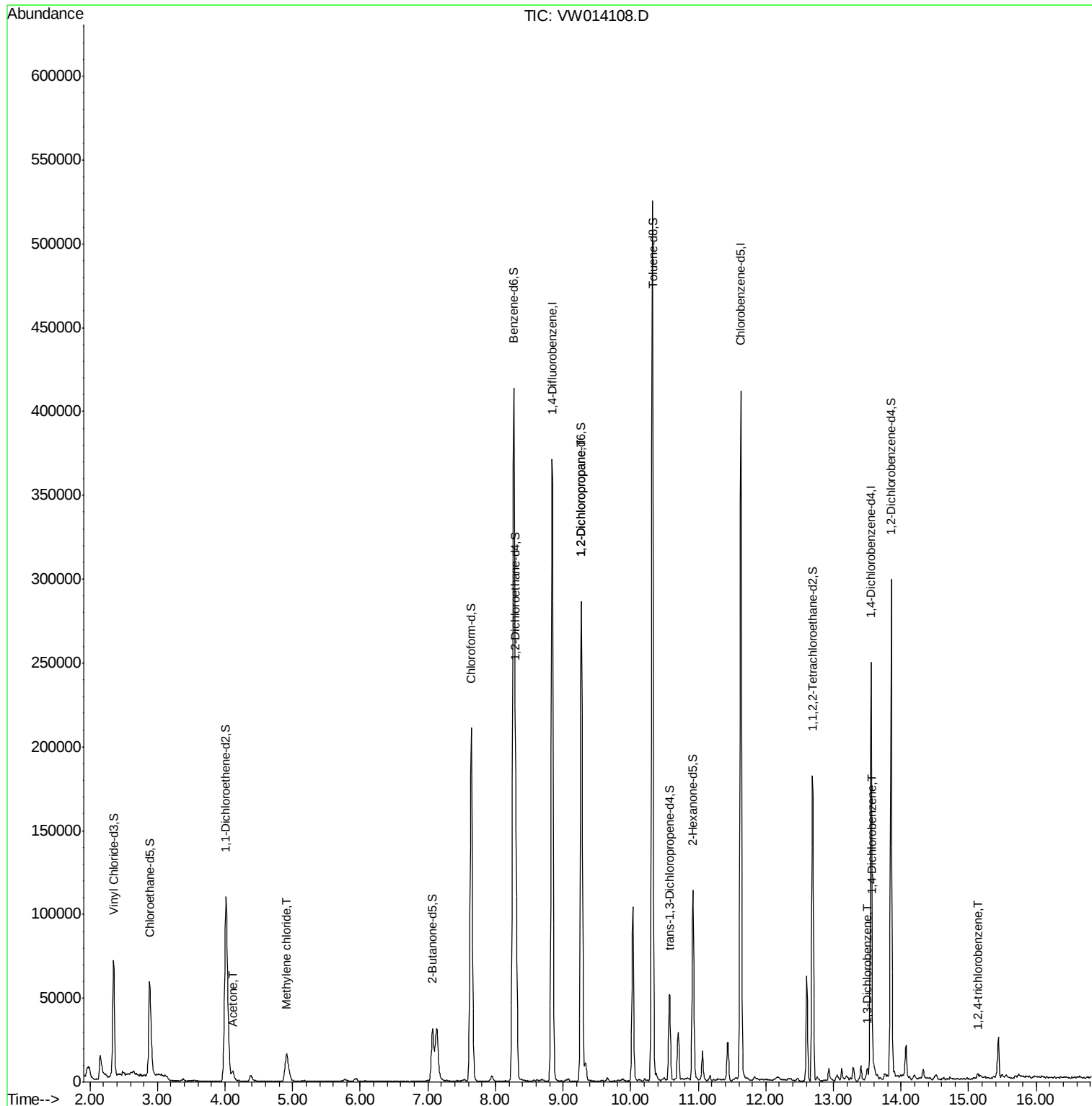
					Qvalue
13) Acetone	4.11	43	9546	6.152 ug/L	70
16) Methylene chloride	4.92	84	10631	1.678 ug/L	88
40) 1,2-Dichloropropane	9.27	63	14641	3.371 ug/L #	85
63) 1,3-Dichlorobenzene	13.51	146	2356	0.469 ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	1777	0.358 ug/L	92
68) 1,2,4-trichlorobenzene	15.14	180	1015	0.337 ug/L #	81

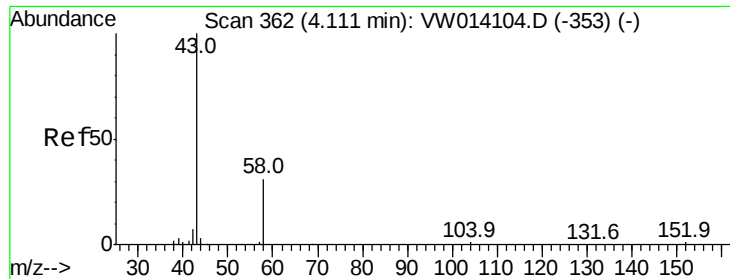
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.152 ug/L

RT: 4.11 min Scan# 362

Delta R.T. -0.00 min

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Instrument :

MSVOA_W

ClientSampled :

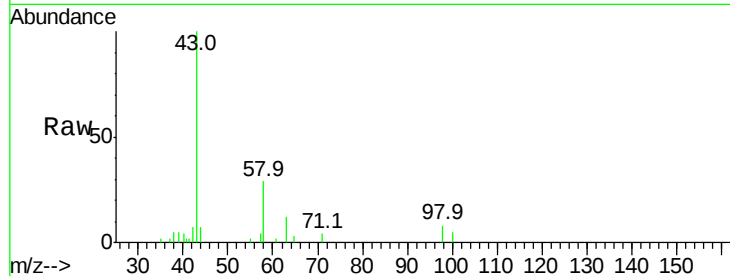
C0BL2

Tgt Ion: 43 Resp: 9546

Ion Ratio Lower Upper

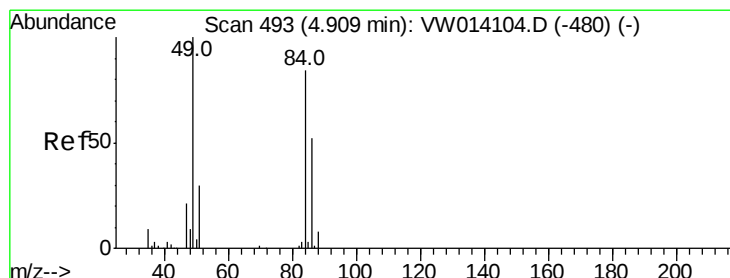
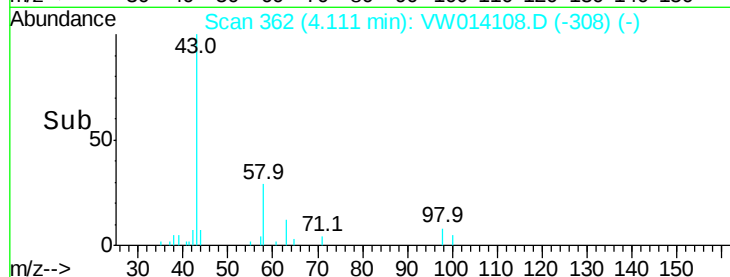
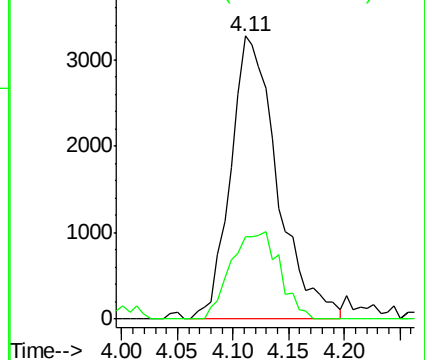
43 100

58 16.1 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 1.678 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

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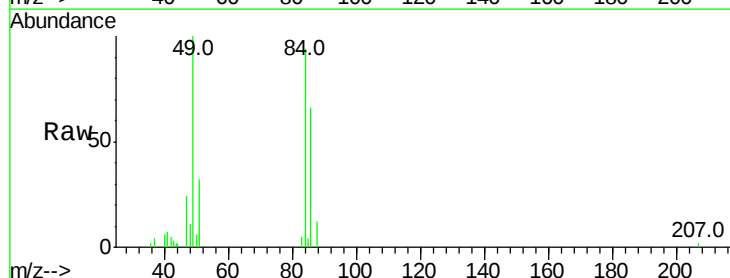
Tgt Ion: 84 Resp: 10631

Ion Ratio Lower Upper

84 100

49 105.8 84.2 156.4

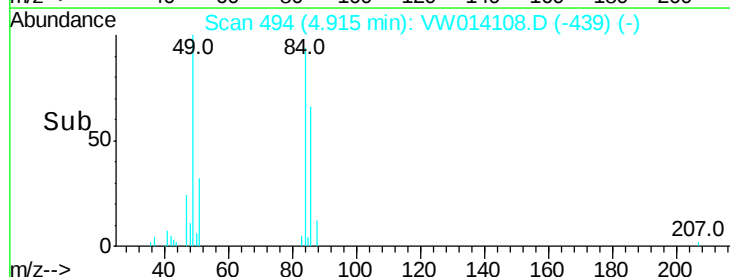
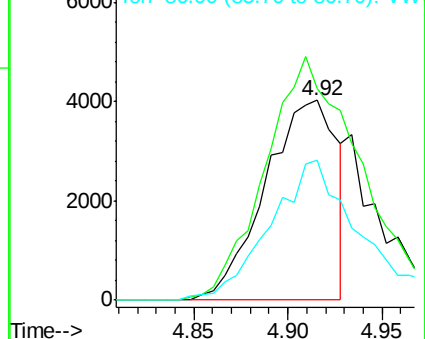
86 70.0 43.7 81.1

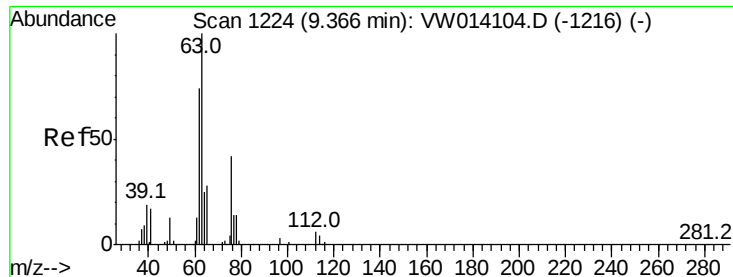


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#40

1,2-Dichloropropane

Concen: 3.371 ug/L

RT: 9.27 min Scan# 1208

Delta R.T. -0.10 min

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MSVOA_W

ClientSampled :

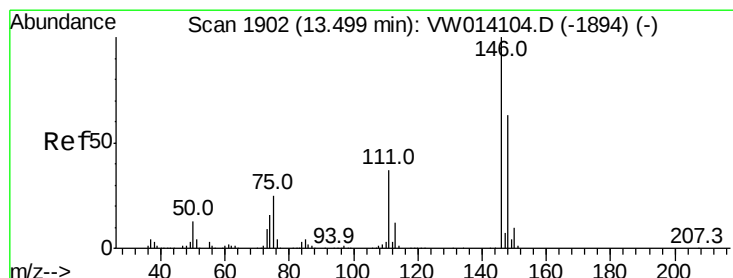
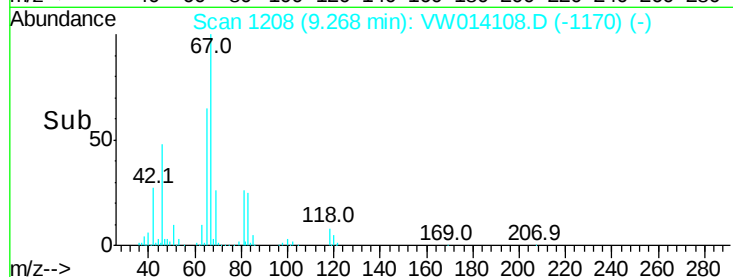
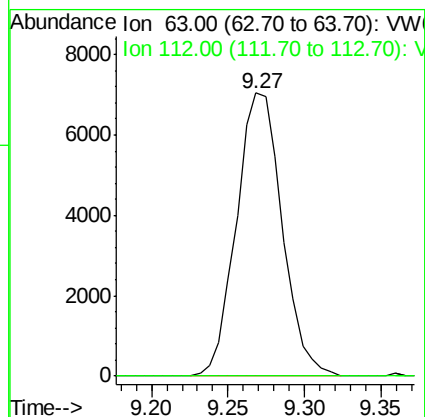
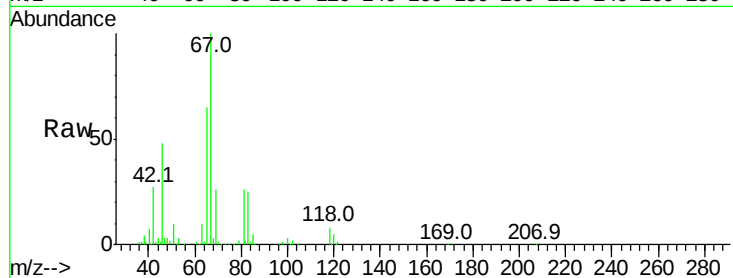
C0BL2

Tgt Ion: 63 Resp: 14641

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#



#63

1,3-Dichlorobenzene

Concen: 0.469 ug/L

RT: 13.51 min Scan# 1903

Delta R.T. 0.01 min

Lab File: VW014108.D

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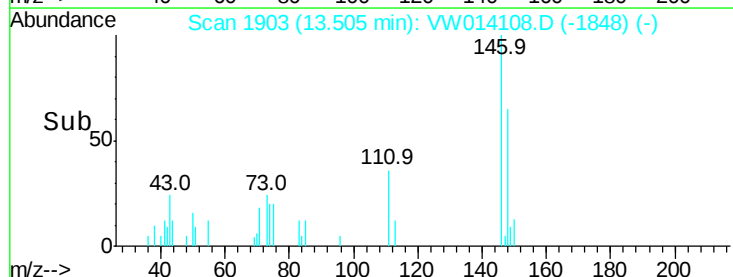
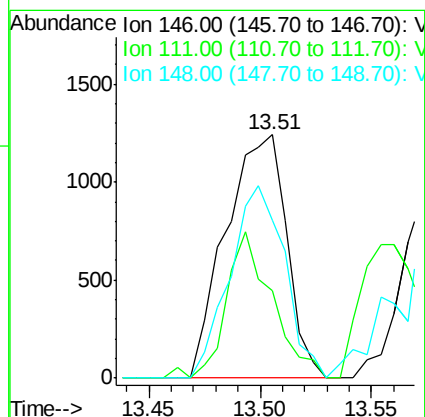
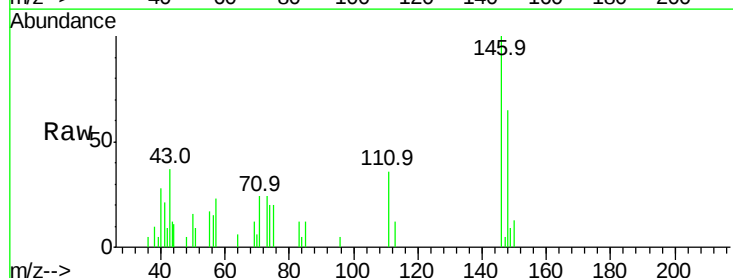
Tgt Ion: 146 Resp: 2356

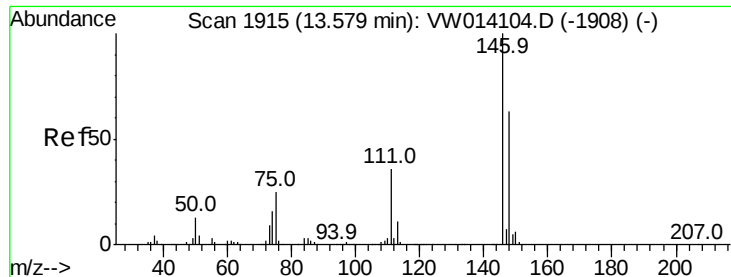
Ion Ratio Lower Upper

146 100

111 36.0 26.0 48.2

148 65.0 44.7 82.9

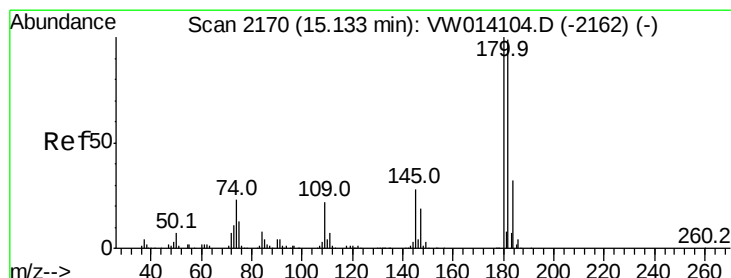
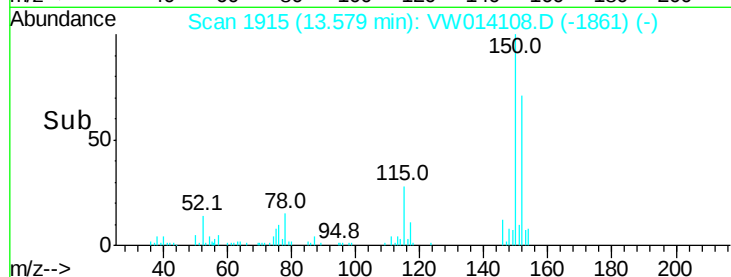
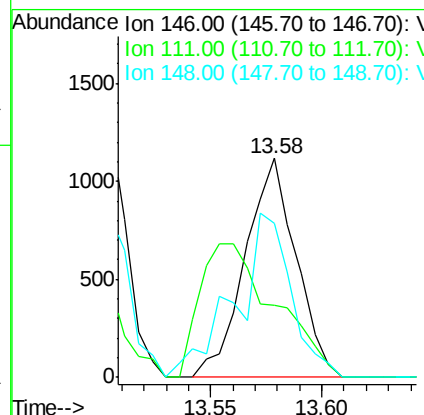
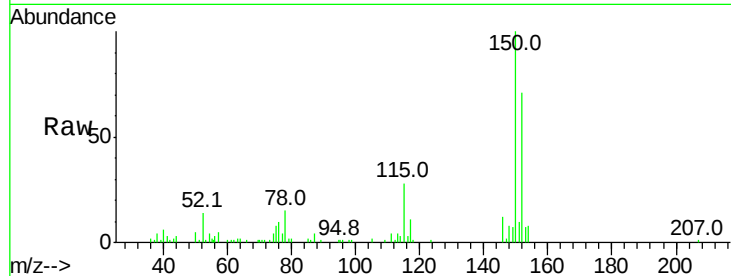




#64
 1,4-Dichlorobenzene
 Concen: 0.358 ug/L
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW014108.D
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Instrument :
 MSVOA_W
 ClientSampleId :
 C0BL2

Tgt Ion:146 Resp: 1777
 Ion Ratio Lower Upper
 146 100
 111 32.8 24.9 46.3
 148 70.6 43.9 81.5



#68
 1,2,4-trichlorobenzene
 Concen: 0.337 ug/L
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.01 min
 Lab File: VW014108.D
 Acq: 25 Nov 2019 13:39

Tgt Ion:180 Resp: 1015
 Ion Ratio Lower Upper
 180 100
 182 115.0 75.8 113.8#
 145 34.3 22.4 33.6#

