

Data File : VW010974.D
Acq On : 25 Jun 2019 18:33
Operator : SY/VA
Sample : K3460-21MS
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
YANZ2MS

Quant Time: Jun 26 04:40:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062419S.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 26 04:33:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	346441	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	316373	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	149615	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	89066	19.83	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.32%
7) Chloroethane-d5	2.88	69	65459	18.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.64%
10) 1,1-Dichloroethene-d2	4.02	63	213511	20.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.48%
20) 2-Butanone-d5	7.07	46	96013	45.53	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.06%
24) Chloroform-d	7.65	84	206750	22.13	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.52%
26) 1,2-Dichloroethane-d4	8.31	65	136597	23.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.36%
29) Benzene-d6	8.27	84	425583	22.41	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.64%
33) 1,2-Dichloropropane-d6	9.27	67	146568	23.35	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.40%
37) Toluene-d8	10.32	98	380309	22.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.76%
38) trans-1,3-Dichloropropene-	10.58	79	55914	20.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.52%
39) 2-Hexanone-d5	10.93	63	65752	46.62	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.24%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	117771	22.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.08%
61) 1,2-Dichlorobenzene-d4	13.85	152	136300	24.13	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.52%

Target Compounds

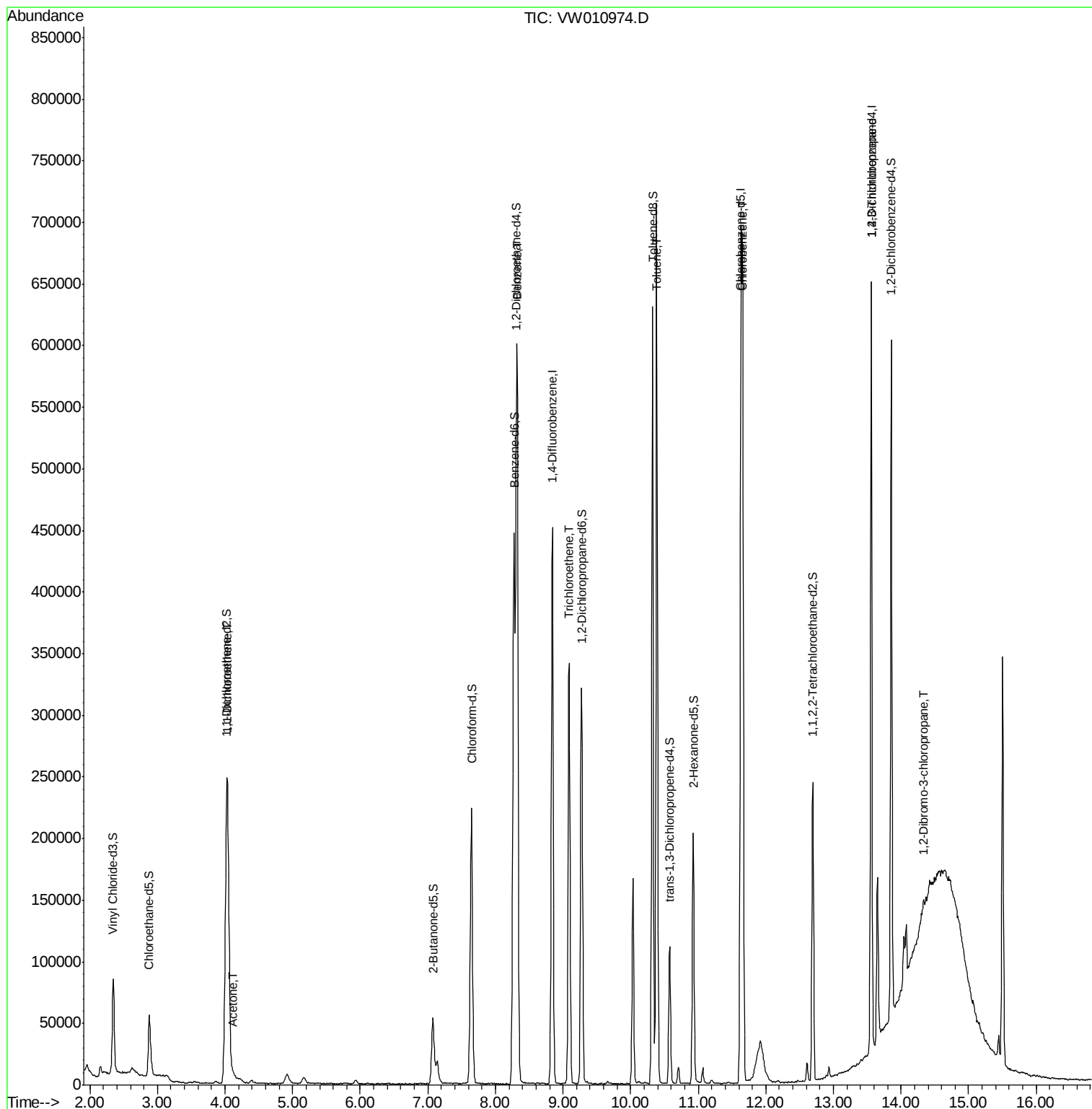
						Qvalue
12) 1,1-Dichloroethene	4.04	96	97488	20.103	ug/L	97
13) Acetone	4.12	43	11751	5.819	ug/L	99
34) Benzene	8.32	78	477984	22.991	ug/L	100
35) Trichloroethene	9.09	95	118215	22.422	ug/L	99
44) Toluene	10.38	91	498100	22.913	ug/L	99
52) Chlorobenzene	11.66	112	299900	22.925	ug/L	100
59) 1,2,3-Trichloropropane	13.56	75	20752	5.212	ug/L	93
66) 1,2-Dibromo-3-chloropropan	14.33	75	1142	1.239	ug/L #	9

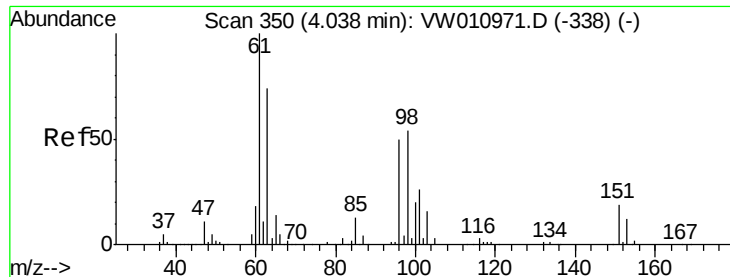
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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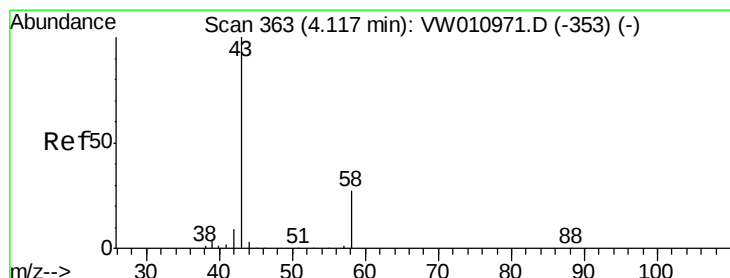
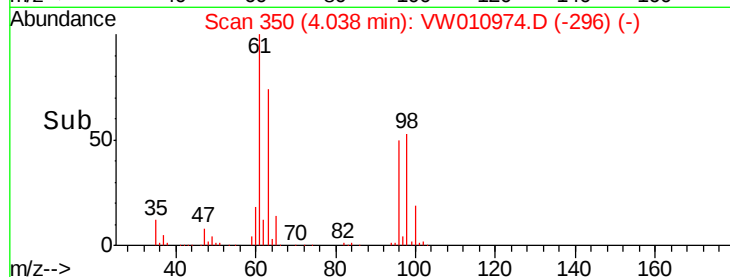
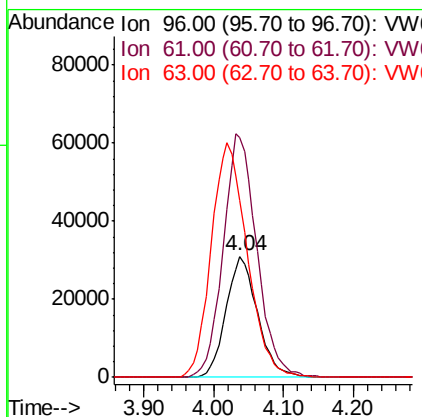
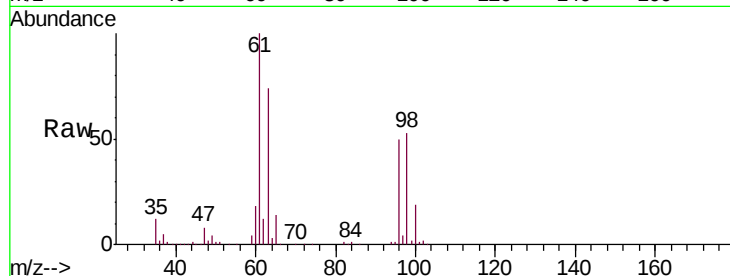




#12
 1,1-Dichloroethene
 Concen: 20.103 ug/L
 RT: 4.04 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VW010974.D
 Acq: 25 Jun 2019 18:33

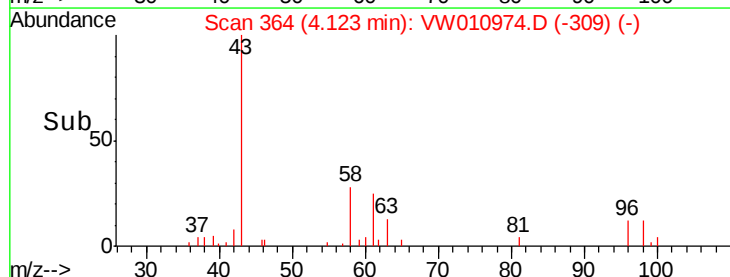
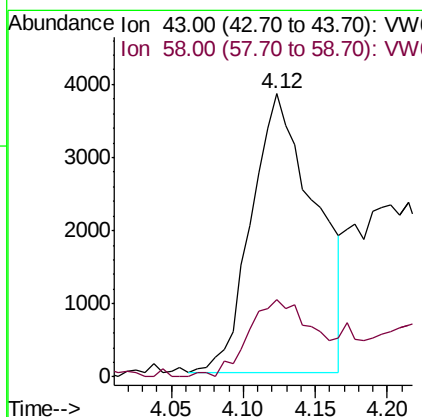
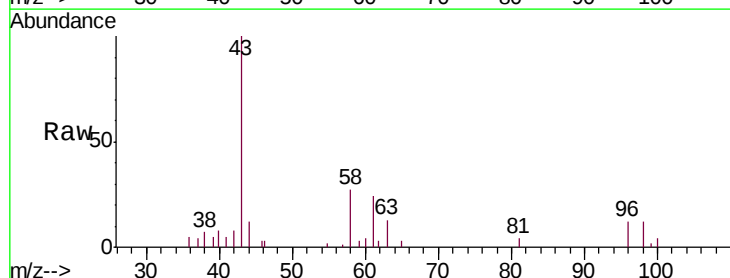
Instrument :
 MSVOA_W
 ClientSampleId :
 YANZ2MS

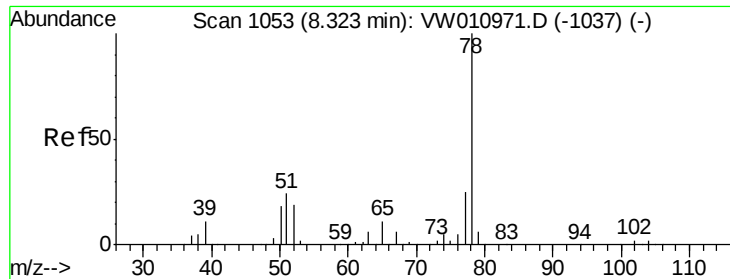
Tgt Ion	Resp	Lower	Upper
96	100		
61	198.7	144.5	268.3
63	146.5	102.3	189.9



#13
 Acetone
 Concen: 5.819 ug/L
 RT: 4.12 min Scan# 364
 Delta R.T. 0.01 min
 Lab File: VW010974.D
 Acq: 25 Jun 2019 18:33

Tgt Ion	Resp	Lower	Upper
43	100		
58	27.3	0.0	53.2





#34

Benzene

Concen: 22.991 ug/L

RT: 8.32 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VW010974.D

Acq: 25 Jun 2019 18:33

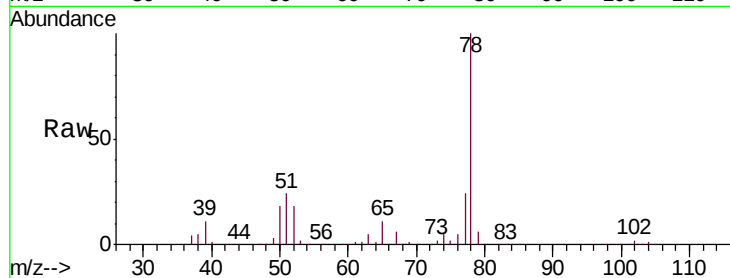
Instrument :

MSVOA_W

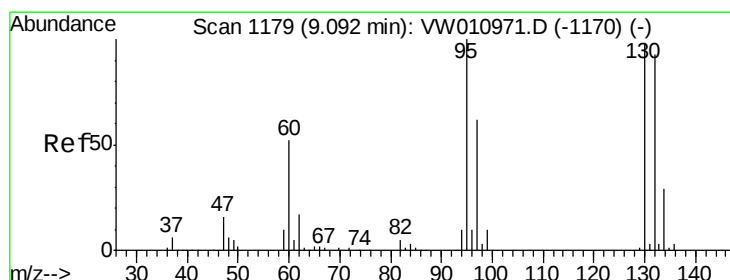
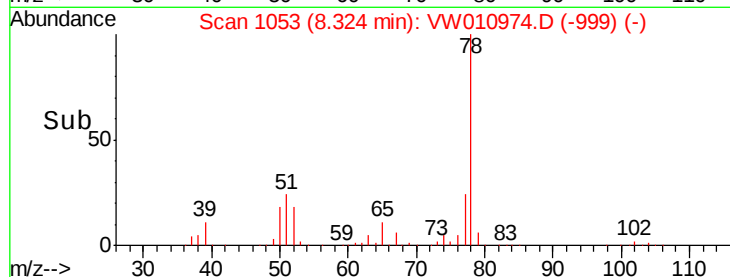
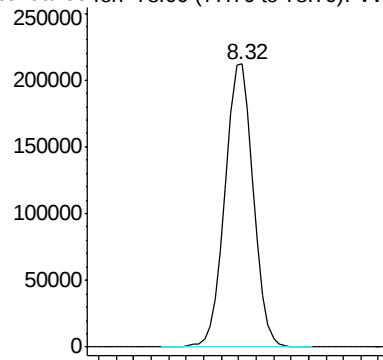
ClientSampleId :

YANZ2MS

Tgt Ion: 78 Resp: 477984



Abundance Ion 78.00 (77.70 to 78.70): VW



#35

Trichloroethene

Concen: 22.422 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW010974.D

Acq: 25 Jun 2019 18:33

Tgt Ion: 95 Resp: 118215

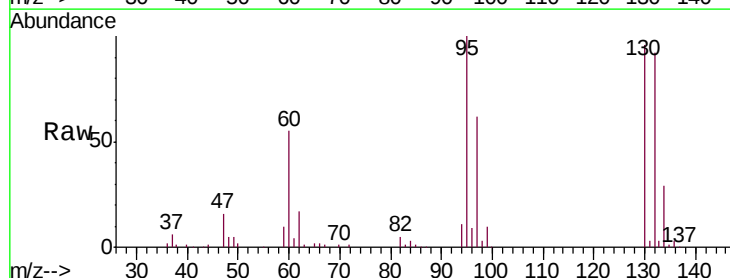
Ion	Ratio	Lower	Upper
95	100		
97	63.0	44.9	83.3
132	90.4	64.0	119.0
130	94.7	67.4	125.2

95 100

97 63.0 44.9 83.3

132 90.4 64.0 119.0

130 94.7 67.4 125.2

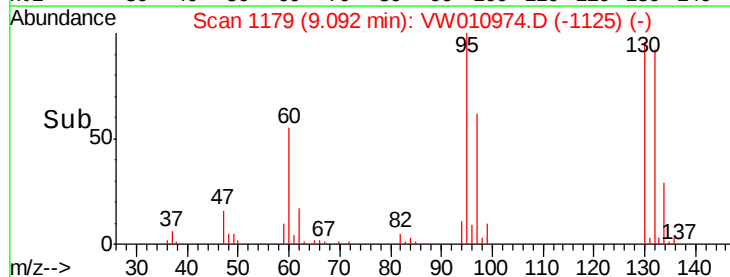
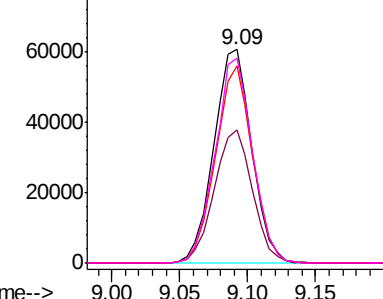


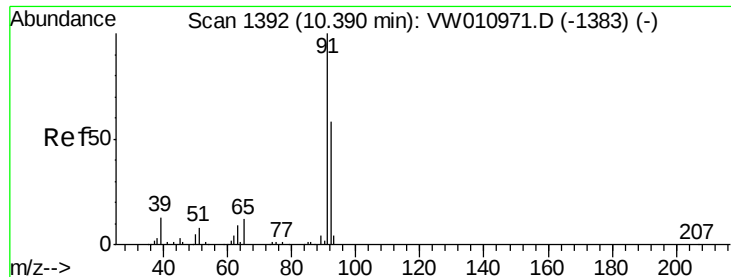
Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V





#44

Toluene

Concen: 22.913 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW010974.D

Acq: 25 Jun 2019 18:33

Instrument :

MSVOA_W

ClientSampleId :

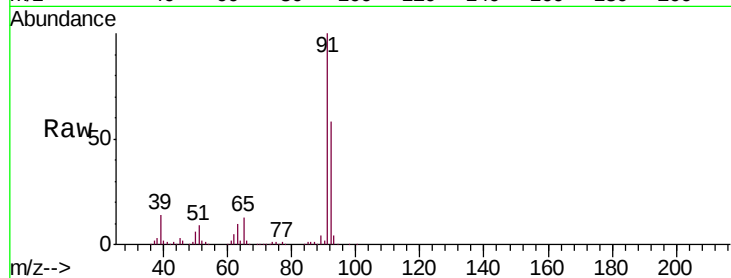
YANZ2MS

Tgt Ion: 91 Resp: 498100

Ion Ratio Lower Upper

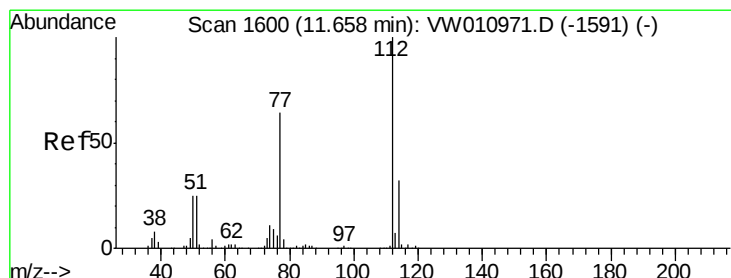
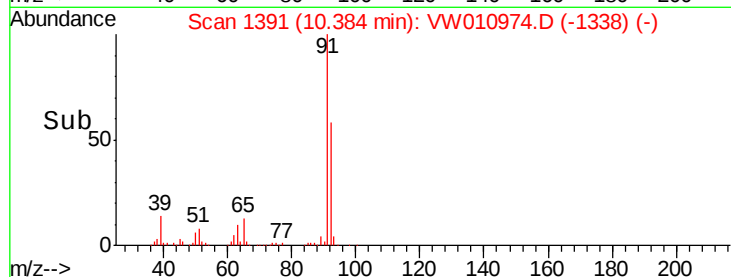
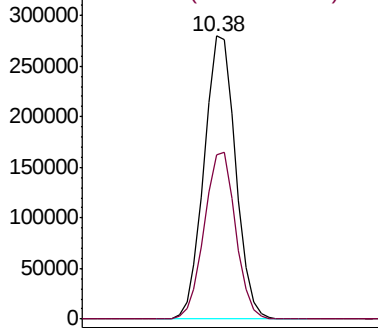
91 100

92 58.2 41.2 76.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW



#52

Chlorobenzene

Concen: 22.925 ug/L

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW010974.D

Acq: 25 Jun 2019 18:33

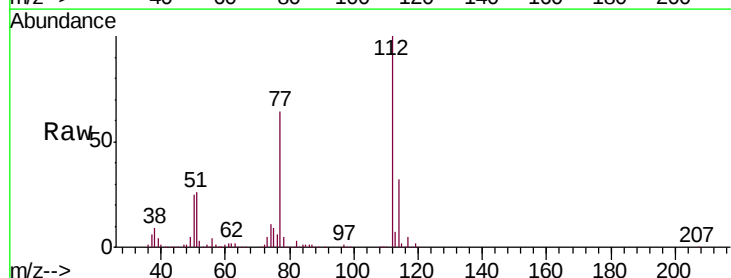
Tgt Ion: 112 Resp: 299900

Ion Ratio Lower Upper

112 100

77 63.9 51.1 76.7

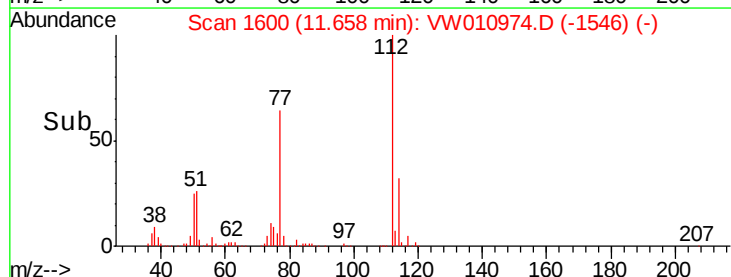
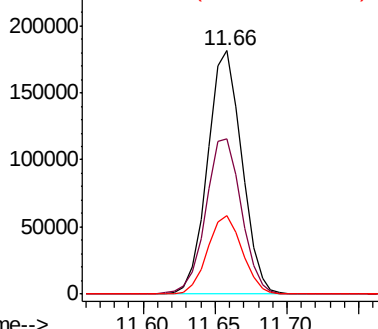
114 32.5 22.7 42.1

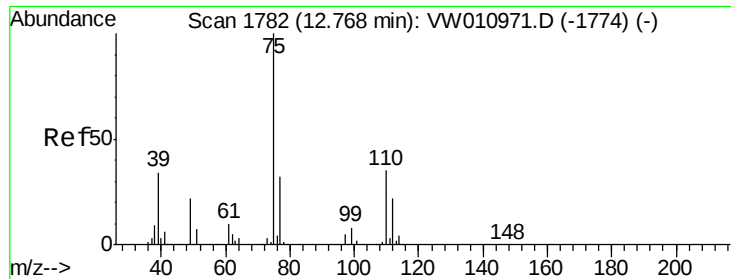


Abundance Ion 112.00 (111.70 to 112.70): V

Ion 77.00 (76.70 to 77.70): VW

Ion 114.00 (113.70 to 114.70): V

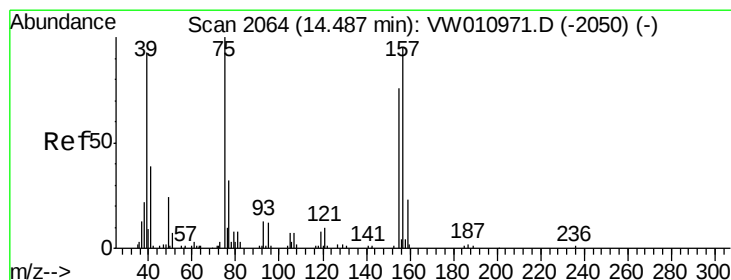
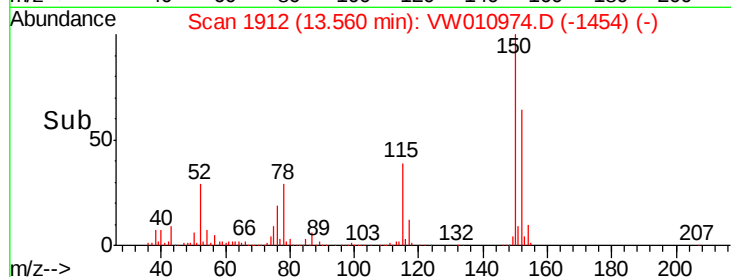
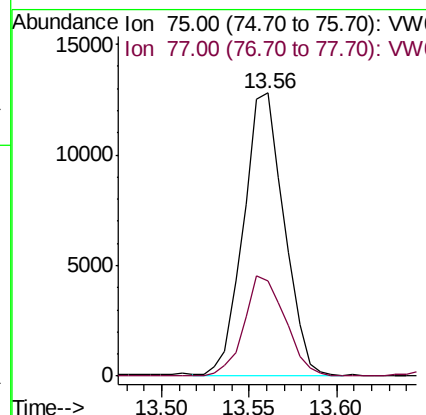
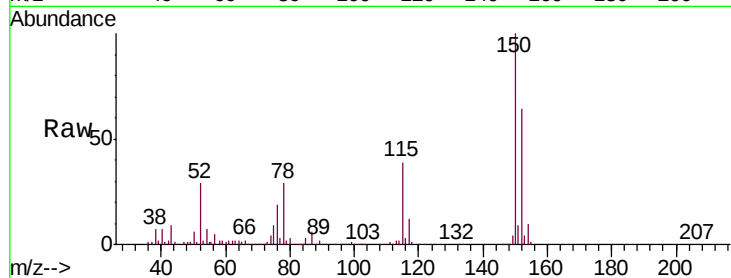




#59
 1,2,3-Trichloropropane
 Concen: 5.212 ug/L
 RT: 13.56 min Scan# 1912
 Delta R.T. 0.79 min
 Lab File: VW010974.D
 Acq: 25 Jun 2019 18:33

Instrument :
 MSVOA_W
 ClientSampleId :
 YANZ2MS

Tgt Ion: 75 Resp: 20752
 Ion Ratio Lower Upper
 75 100
 77 35.5 25.2 37.8



#66
 1,2-Dibromo-3-chloropropane
 Concen: 1.239 ug/L
 RT: 14.33 min Scan# 2039
 Delta R.T. -0.15 min
 Lab File: VW010974.D
 Acq: 25 Jun 2019 18:33

Tgt Ion: 75 Resp: 1142
 Ion Ratio Lower Upper
 75 100
 157 0.0 71.8 107.8#
 155 0.0 55.2 82.8#

