

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082318\
 Data File : VW004898.D
 Acq On : 23 Aug 2018 15:21
 Operator : SY/AP
 Sample : J4624-15MSD
 Misc : 6.49G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 24 05:02:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082218S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 24 05:01:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	712445	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	736336	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	348550	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	304266	22.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.40%
7) Chloroethane-d5	2.89	69	230564	23.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.36%
10) 1,1-Dichloroethene-d2	4.03	63	400664	23.30	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.20%
20) 2-Butanone-d5	7.09	46	102661	37.46	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.92%
24) Chloroform-d	7.65	84	377093	23.84	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.36%
26) 1,2-Dichloroethane-d4	8.31	65	204826	23.83	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.32%
29) Benzene-d6	8.28	84	896878	23.68	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.72%
33) 1,2-Dichloropropane-d6	9.28	67	260884	23.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.76%
37) Toluene-d8	10.33	98	949426	23.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.64%
38) trans-1,3-Dichloropropene-	10.59	79	107398	22.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.72%
39) 2-Hexanone-d5	10.93	63	103627	37.59	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.18%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	224601	20.09	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.36%
61) 1,2-Dichlorobenzene-d4	13.86	152	355097	25.36	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.44%

Target Compounds

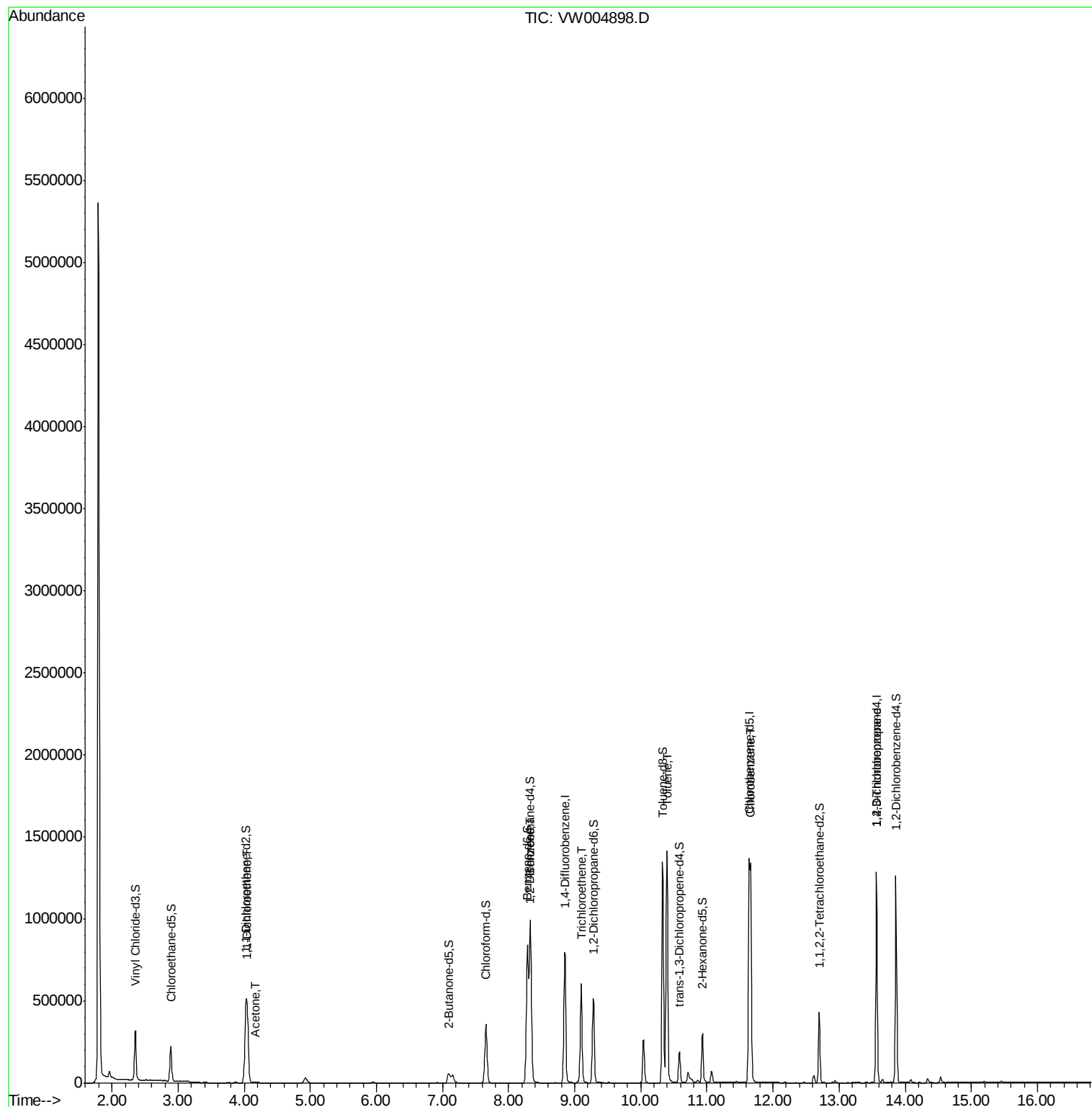
					Ovalue
12) 1,1-Dichloroethene	4.05	96	187754	22.636 ug/L	94
13) Acetone	4.15	43	5473	2.578 ug/L	92
34) Benzene	8.33	78	888934	21.173 ug/L	100
35) Trichloroethene	9.10	95	217054	20.791 ug/L	99
44) Toluene	10.40	91	1093865	21.695 ug/L	99
52) Chlorobenzene	11.66	112	692676	20.681 ug/L	99
59) 1,2,3-Trichloropropane	13.57	75	39756	4.491 ug/L	93

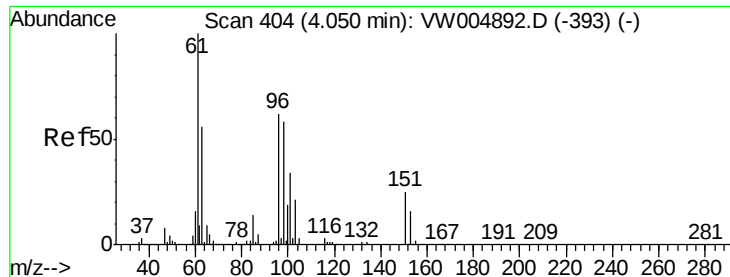
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Aug 24 05:01:02 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 22.636 ug/L

RT: 4.05 min Scan# 404

Delta R.T. 0.00 min

Lab File: VW004898.D

Acq: 23 Aug 2018 15:21

Instrument :

MSVOA_W

ClientSampleId :

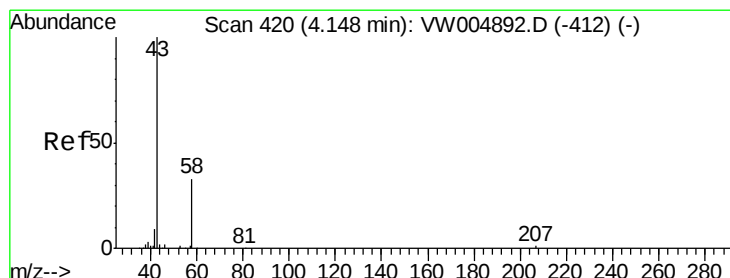
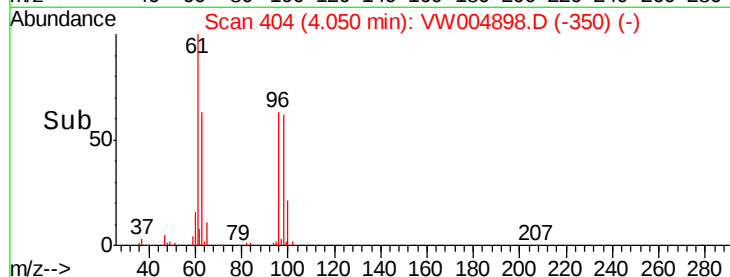
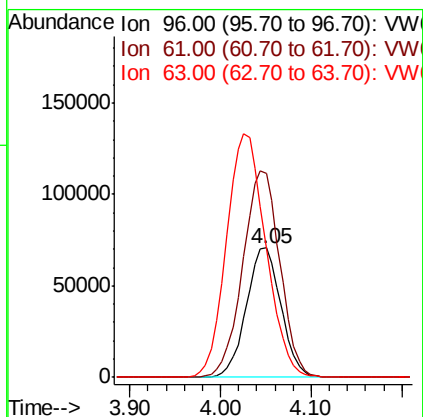
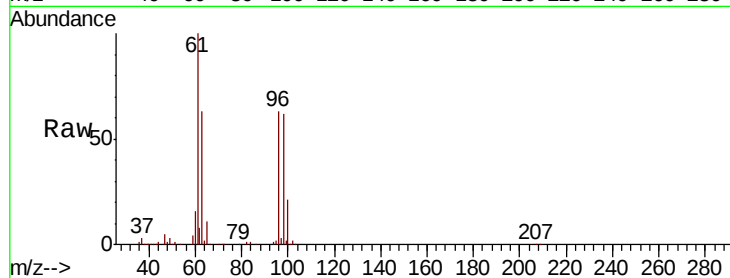
Tot Ion: 96 Resp: 187754

Ion Ratio Lower Upper

96 100

61 157.5 107.0 198.8

63 99.6 76.9 142.7



#13

Acetone

Concen: 2.578 ug/L

RT: 4.15 min Scan# 421

Delta R.T. 0.01 min

Lab File: VW004898.D

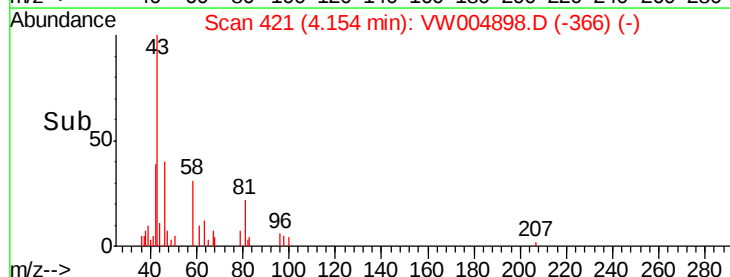
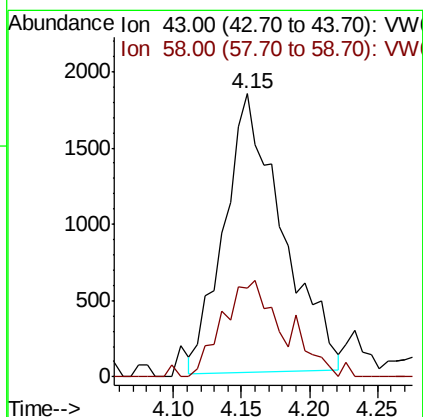
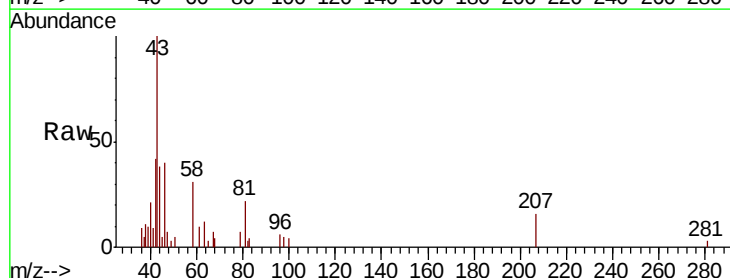
Acq: 23 Aug 2018 15:21

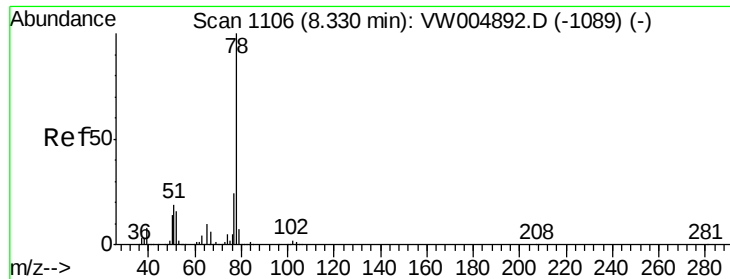
Tgt Ion: 43 Resp: 5473

Ion Ratio Lower Upper

43 100

58 29.9 0.0 69.4





#34

Benzene

Concen: 21.173 ug/L

RT: 8.33 min Scan# 1106

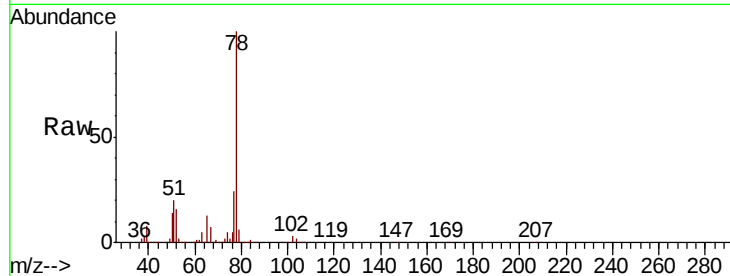
Delta R.T. 0.00 min

Lab File: VW004898.D

Acq: 23 Aug 2018 15:21

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion: 78 Resp: 888934



Abundance Ion 78.00 (77.70 to 78.70): VW

8.33

400000

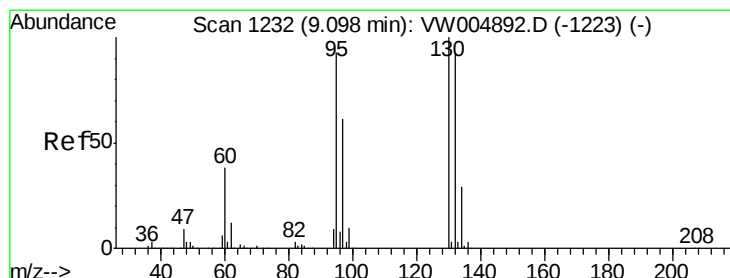
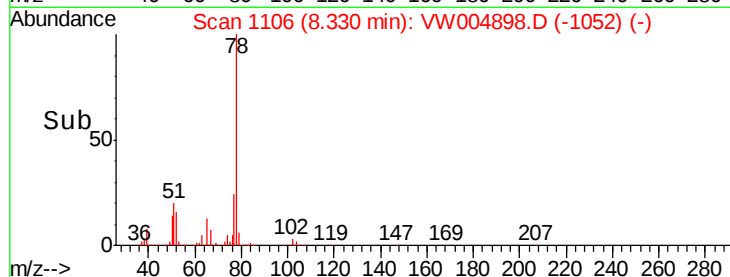
300000

200000

100000

0

Time-->



#35

Trichloroethene

Concen: 20.791 ug/L

RT: 9.10 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VW004898.D

Acq: 23 Aug 2018 15:21

Tgt Ion: 95 Resp: 217054

Ion	Ratio	Lower	Upper
95	100		
97	65.0	45.9	85.3
132	99.5	69.2	128.4
130	102.2	72.7	135.1

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

9.10

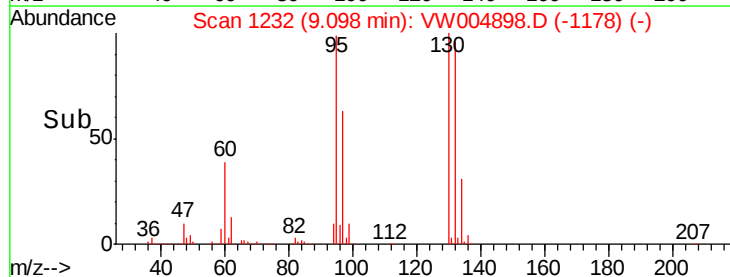
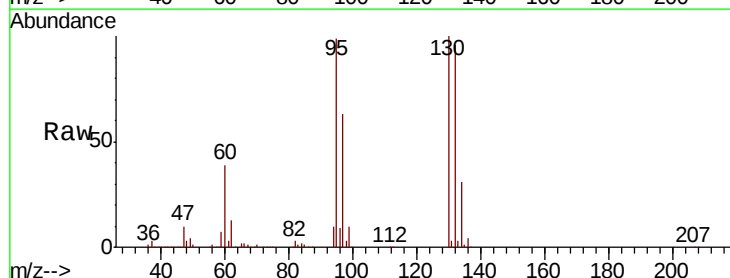
150000

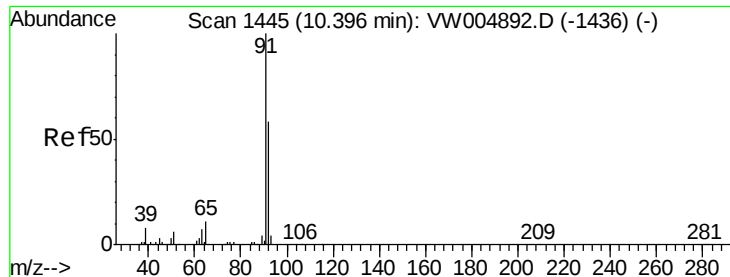
100000

50000

0

Time-->





#44

Toluene

Concen: 21.695 ug/L

RT: 10.40 min Scan# 1445

Delta R.T. 0.00 min

Lab File: VW004898.D

Acq: 23 Aug 2018 15:21

Instrument :

MSVOA_W

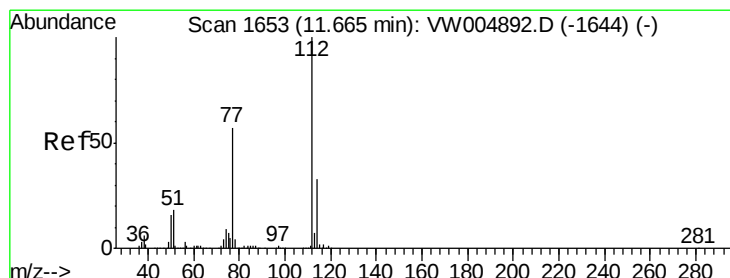
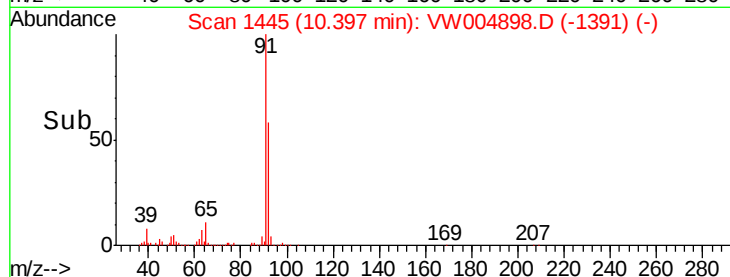
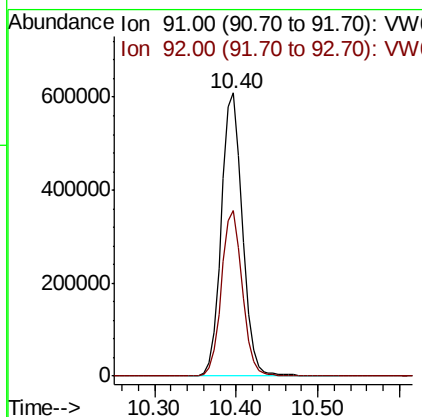
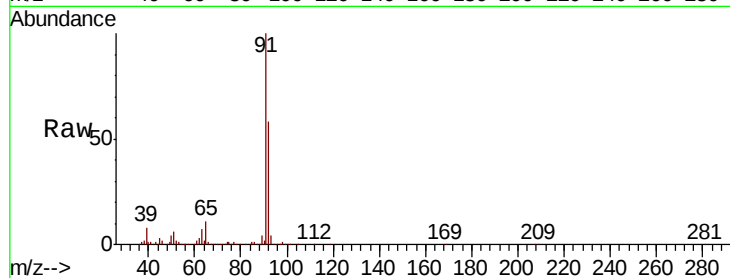
ClientSampleId :

Tot Ion: 91 Resp: 1093865

Ion Ratio Lower Upper

91 100

92 58.4 40.6 75.4



#52

Chlorobenzene

Concen: 20.681 ug/L

RT: 11.66 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VW004898.D

Acq: 23 Aug 2018 15:21

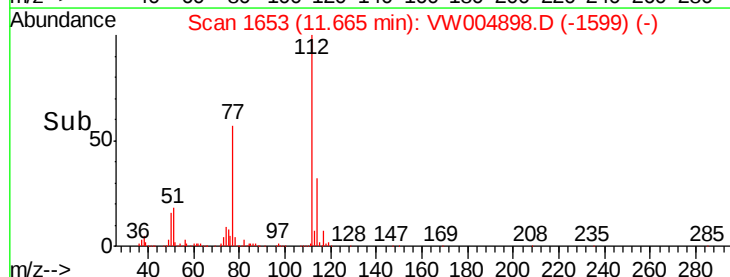
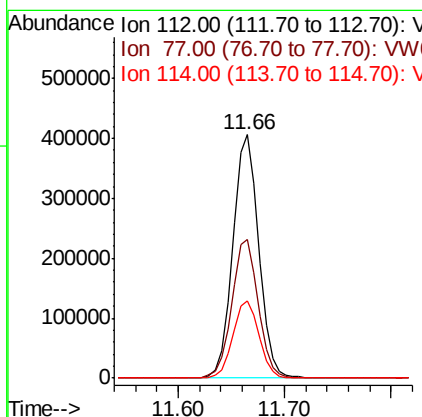
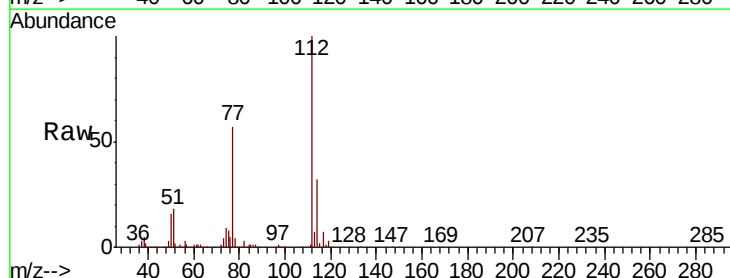
Tgt Ion: 112 Resp: 692676

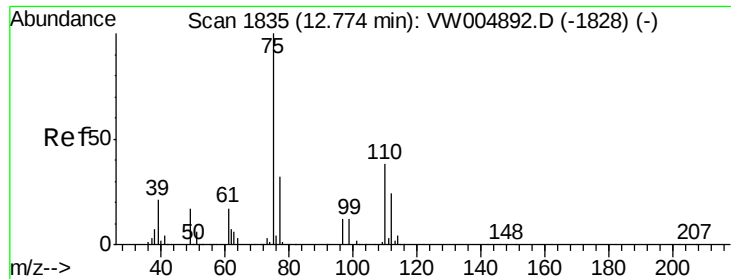
Ion Ratio Lower Upper

112 100

77 56.9 45.8 68.8

114 31.8 22.5 41.7





#59

1,2,3-Trichloropropane

Concen: 4.491 ug/L

RT: 13.57 min Scan# 1965

Delta R.T. 0.79 min

Lab File: VW004898.D

Acq: 23 Aug 2018 15:21

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 39756

Ion Ratio Lower Upper

75 100

77 35.2 25.3 37.9

