

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110119\
 Data File : VW013898.D
 Acq On : 01 Nov 2019 14:59
 Operator : SY/VA
 Sample : K5552-16RE
 Misc : 3.03G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 02 00:17:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110119S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Nov 02 00:12:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	303651	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	295259	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	153912	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	104773	22.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.72%
7) Chloroethane-d5	2.89	69	83549	22.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.52%
10) 1,1-Dichloroethene-d2	4.02	63	155635	16.17	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.68%
20) 2-Butanone-d5	7.07	46	83030	48.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.68%
24) Chloroform-d	7.65	84	210260	21.98	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.92%
26) 1,2-Dichloroethane-d4	8.30	65	123119	23.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.64%
29) Benzene-d6	8.27	84	450438	22.77	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.08%
33) 1,2-Dichloropropane-d6	9.27	67	138700	23.16	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.64%
37) Toluene-d8	10.32	98	420696	22.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.68%
38) trans-1,3-Dichloropropene-	10.58	79	62283	22.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.12%
39) 2-Hexanone-d5	10.92	63	67387	49.54	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.08%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	128308	24.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.92%
61) 1,2-Dichlorobenzene-d4	13.85	152	145016	23.81	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.24%

Target Compounds

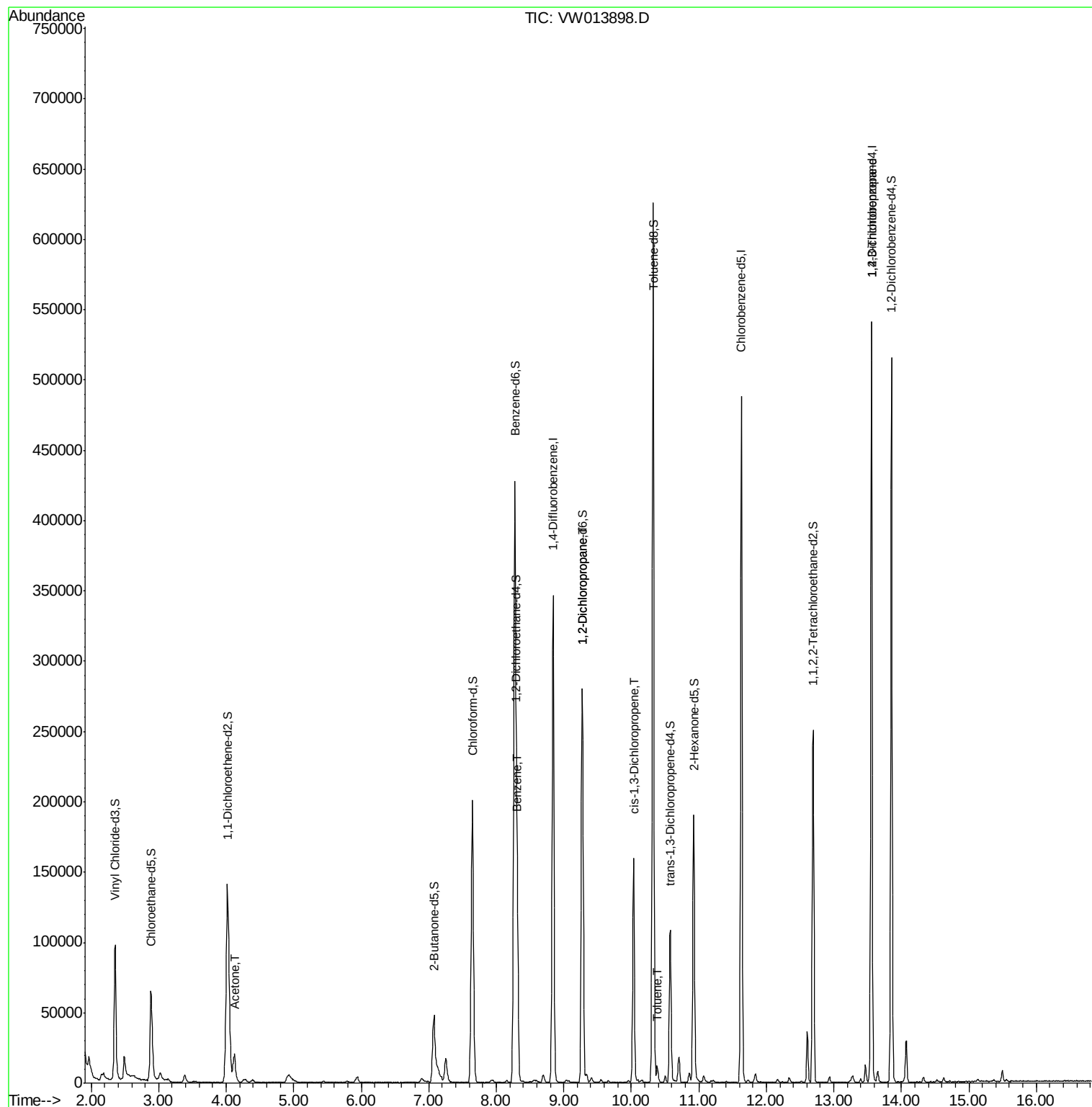
					Ovalue
13) Acetone	4.12	43	34129	20.611	ug/L 100
34) Benzene	8.32	78	8234	0.384	ug/L 100
40) 1,2-Dichloropropane	9.27	63	14844	2.821	ug/L # 85
42) cis-1,3-Dichloropropene	10.04	75	3397	0.410	ug/L # 47
44) Toluene	10.38	91	8730	0.379	ug/L 97
59) 1,2,3-Trichloropropane	13.56	75	15784	3.973	ug/L 94

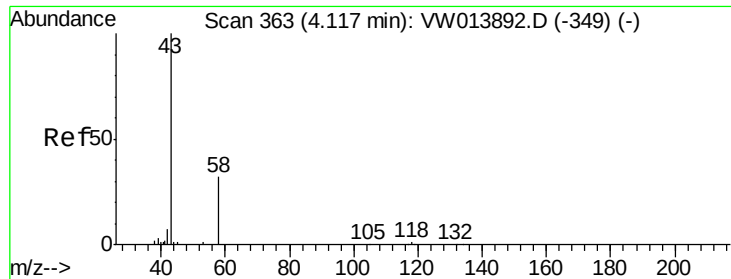
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Nov 02 00:12:22 2019
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#13

Acetone

Concen: 20.611 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

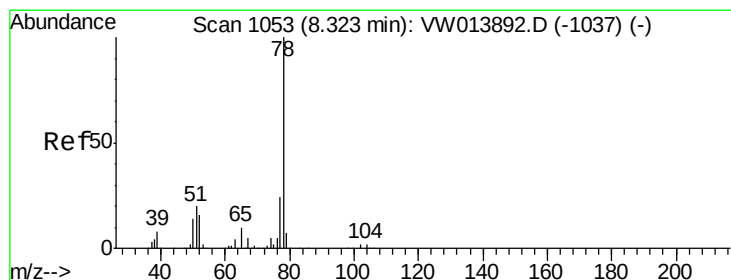
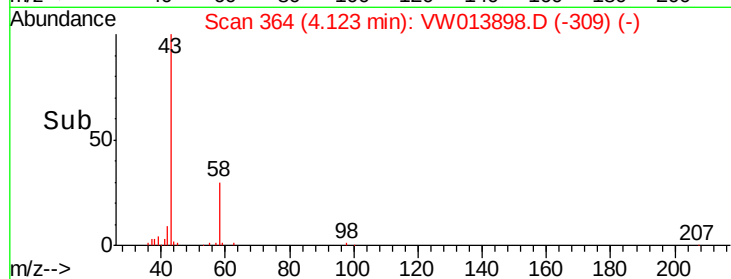
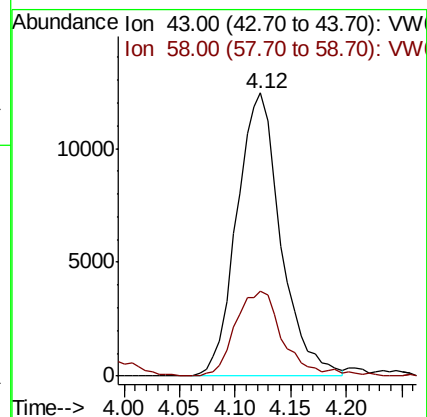
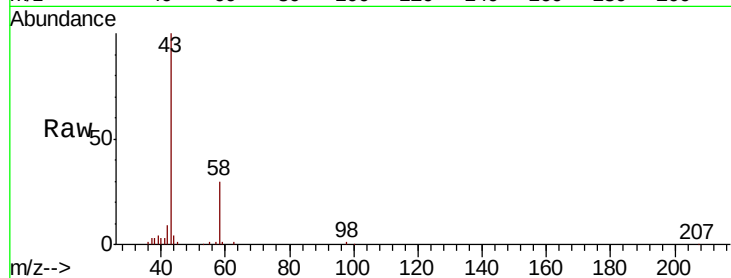
ClientSampled :

Tot Ion: 43 Resp: 34129

Ion Ratio Lower Upper

43 100

58 31.3 0.0 62.8



#34

Benzene

Concen: 0.384 ug/L

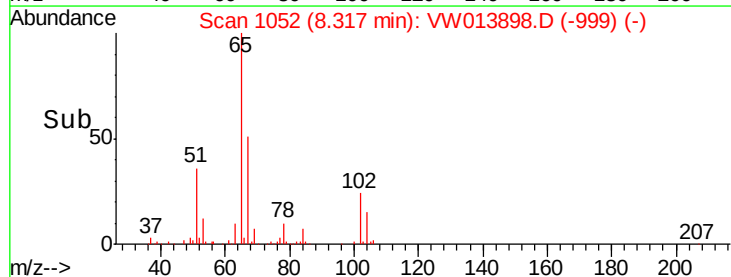
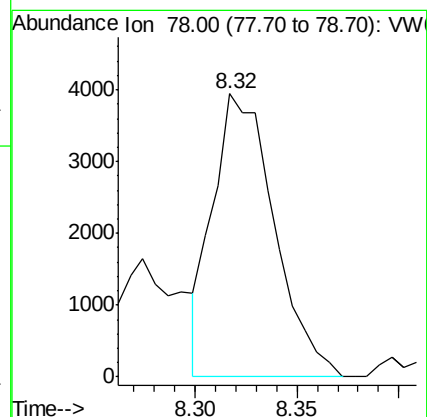
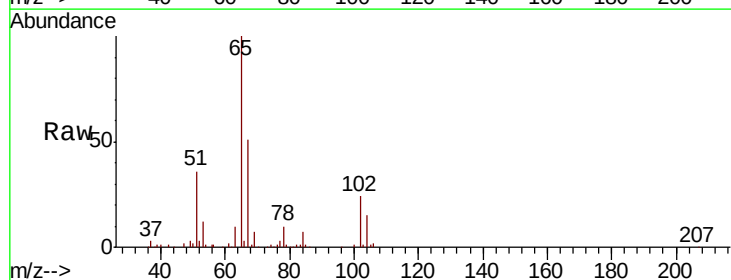
RT: 8.32 min Scan# 1052

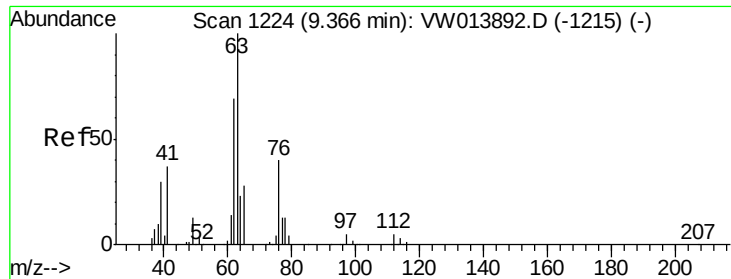
Delta R.T. -0.01 min

Lab File: VW013898.D

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Tgt Ion: 78 Resp: 8234





#40

1,2-Dichloropropane

Concen: 2.821 ug/L

RT: 9.27 min Scan# 1208

Delta R.T. -0.10 min

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Instrument :

MSVOA_W

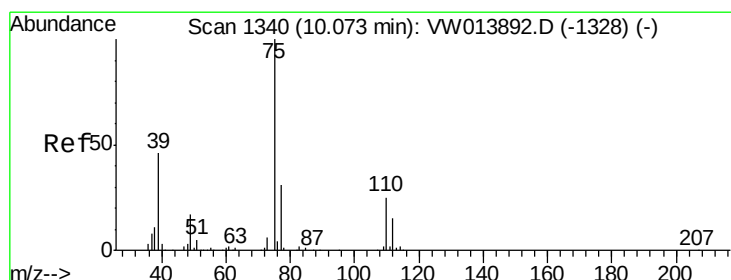
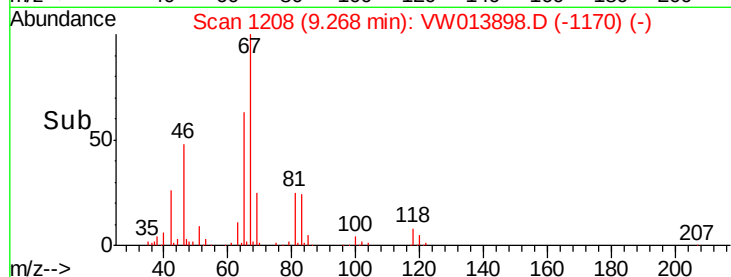
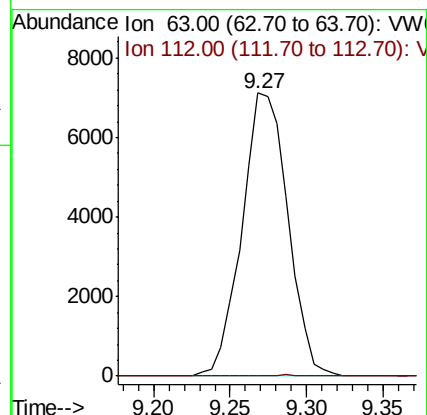
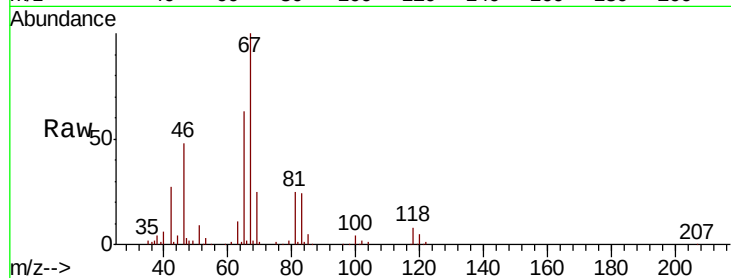
ClientSampleId :

Tot Ion: 63 Resp: 14844

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#



#42

cis-1,3-Dichloropropene

Concen: 0.410 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW013898.D

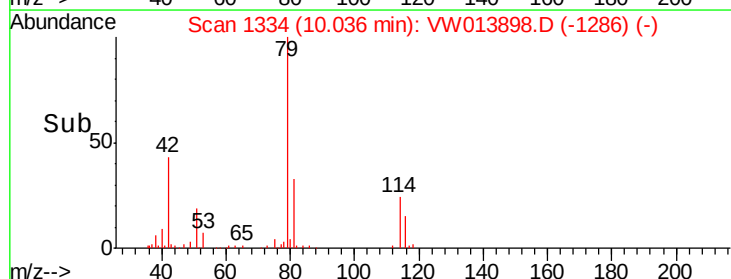
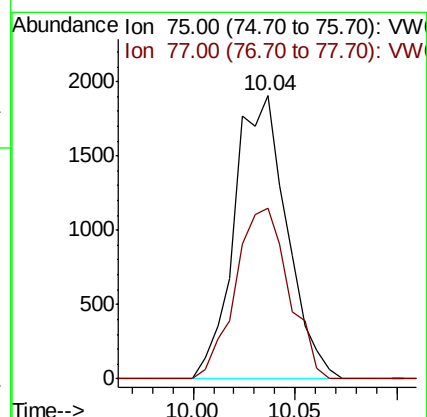
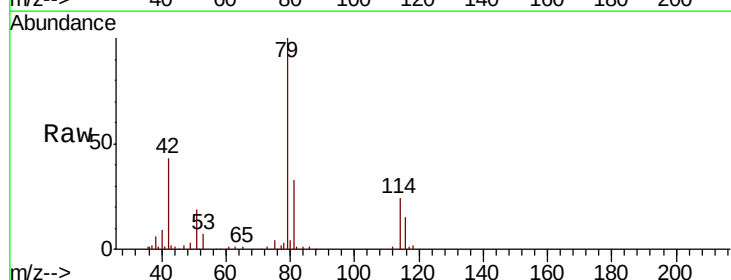
Acq: 01 Nov 2019 14:59

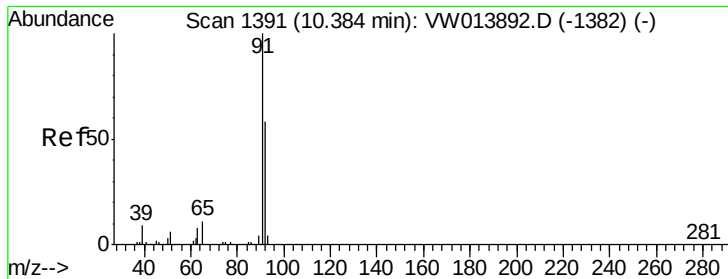
Tgt Ion: 75 Resp: 3397

Ion Ratio Lower Upper

75 100

77 60.4 21.8 40.4#





#44

Toluene

Concen: 0.379 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW013898.D

Acq: 01 Nov 2019 14:59

Instrument :

MSVOA_W

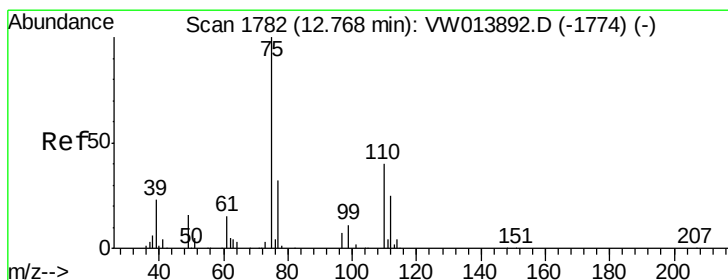
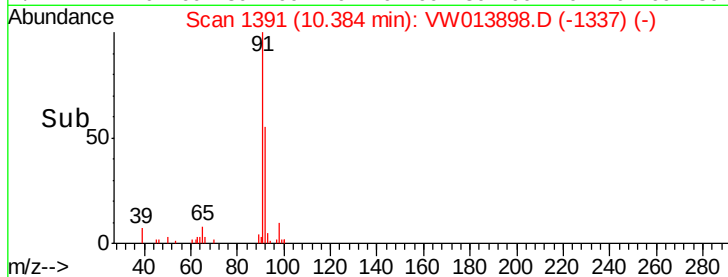
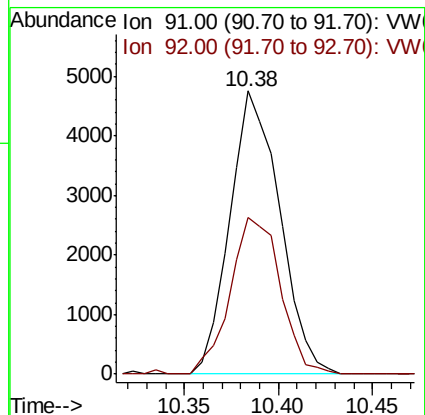
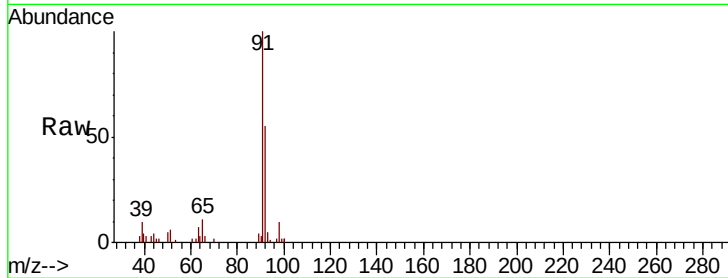
ClientSampled :

Tot Ion: 91 Resp: 8730

Ion Ratio Lower Upper

91 100

92 55.4 40.3 74.9



#59

1,2,3-Trichloropropane

Concen: 3.973 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW013898.D

Acq: 01 Nov 2019 14:59

Tgt Ion: 75 Resp: 15784

Ion Ratio Lower Upper

75 100

77 35.6 25.9 38.9

