

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110119\
 Data File : VW013900.D
 Acq On : 01 Nov 2019 15:52
 Operator : SY/VA
 Sample : K5596-10RE
 Misc : 7.61G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 02 00:17:20 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	344684	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	341515	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	199730	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	127970	23.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.44%
7) Chloroethane-d5	2.89	69	105431	24.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.40%
10) 1,1-Dichloroethene-d2	4.02	63	194011	17.76	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.04%
20) 2-Butanone-d5	7.07	46	97231	50.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.76%
24) Chloroform-d	7.65	84	261416	24.07	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.28%
26) 1,2-Dichloroethane-d4	8.31	65	152640	26.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.44%
29) Benzene-d6	8.27	84	570205	24.92	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.68%
33) 1,2-Dichloropropane-d6	9.27	67	173148	25.00	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.00%
37) Toluene-d8	10.32	98	531519	24.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.96%
38) trans-1,3-Dichloropropene-	10.58	79	78912	24.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.84%
39) 2-Hexanone-d5	10.92	63	83521	53.09	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.18%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	155275	25.35	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.40%
61) 1,2-Dichlorobenzene-d4	13.85	152	202006	25.56	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.24%

Target Compounds

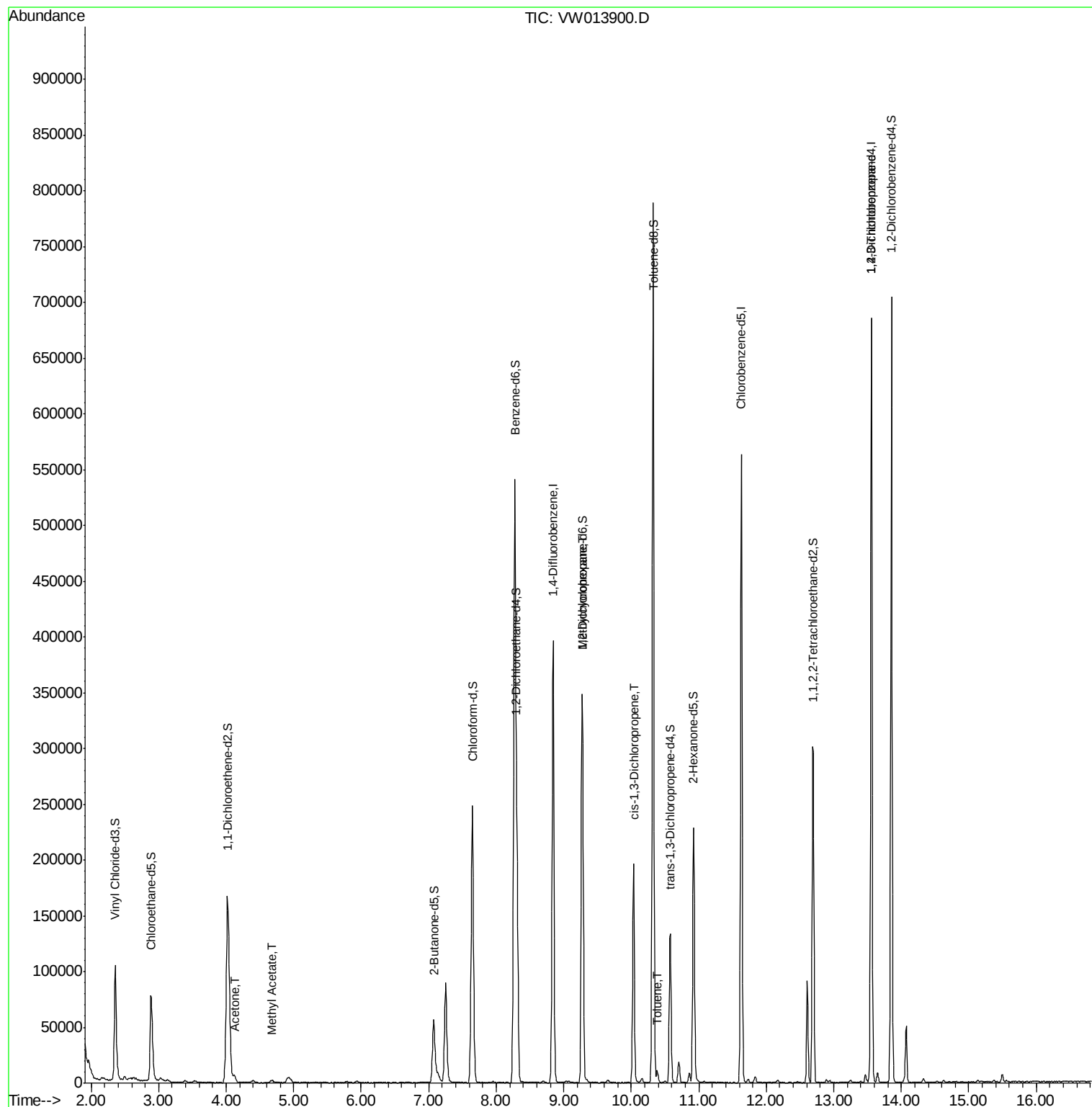
					Ovalue
13) Acetone	4.13	43	9297	4.946 ug/L	74
15) Methyl Acetate	4.67	43	4214	1.295 ug/L #	75
36) Methylcyclohexane	9.27	83	42493	3.704 ug/L #	19
42) cis-1,3-Dichloropropene	10.03	75	4492	0.468 ug/L #	67
44) Toluene	10.39	91	8387	0.315 ug/L	96
59) 1,2,3-Trichloropropane	13.55	75	21072	4.586 ug/L	97

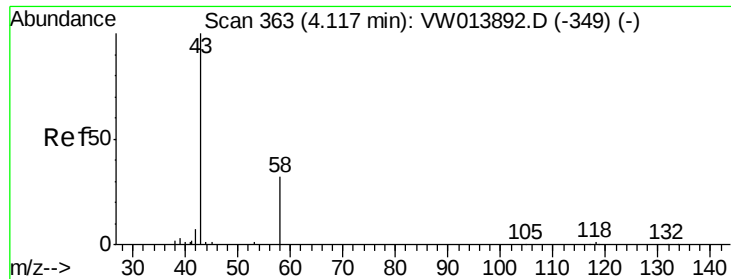
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Nov 02 00:12:22 2019
Response via : Initial Calibration





#13

Acetone

Concen: 4.946 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW013900.D

Acq: 01 Nov 2019 15:52

Instrument :

MSVOA_W

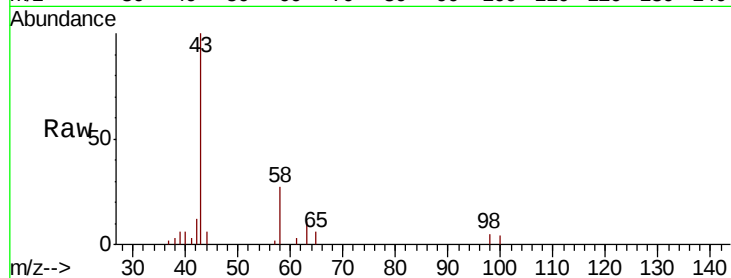
ClientSampled :

Tot Ion: 43 Resp: 9297

Ion Ratio Lower Upper

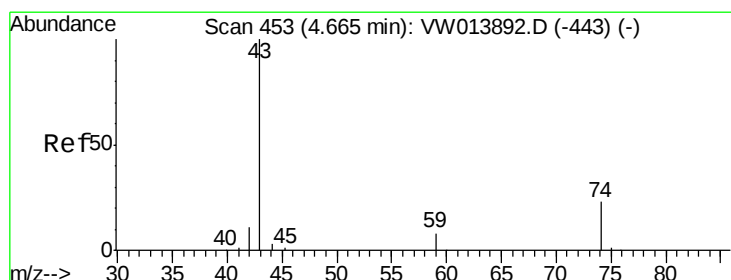
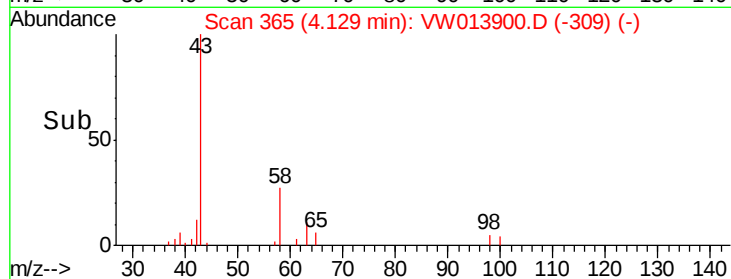
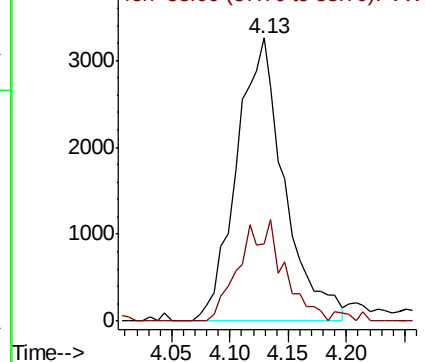
43 100

58 17.2 0.0 62.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#15

Methyl Acetate

Concen: 1.295 ug/L

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW013900.D

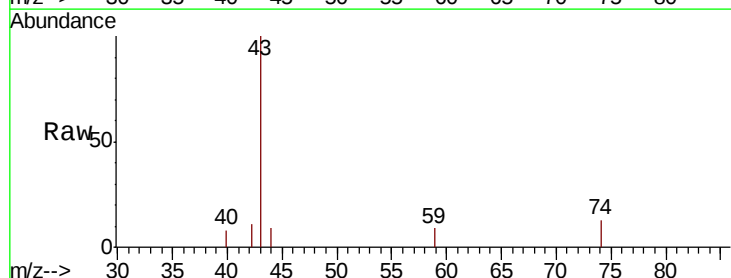
Acq: 01 Nov 2019 15:52

Tgt Ion: 43 Resp: 4214

Ion Ratio Lower Upper

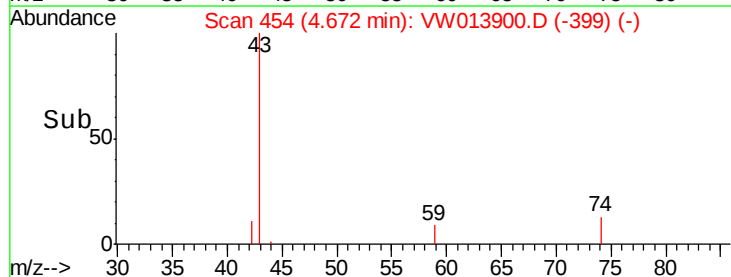
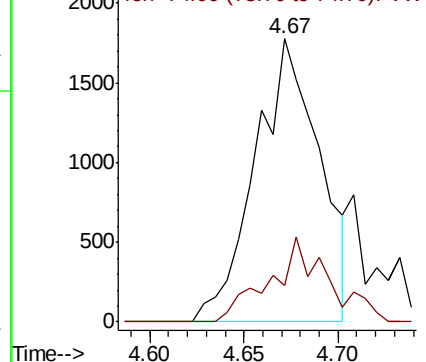
43 100

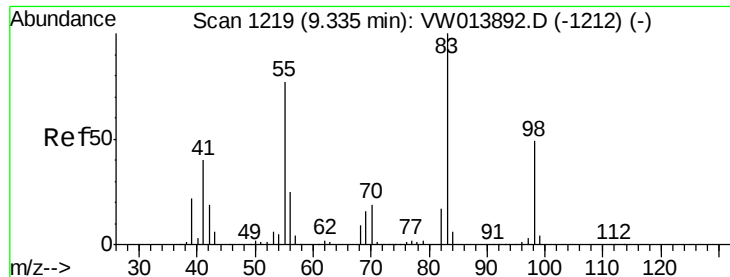
74 11.6 19.1 28.7#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

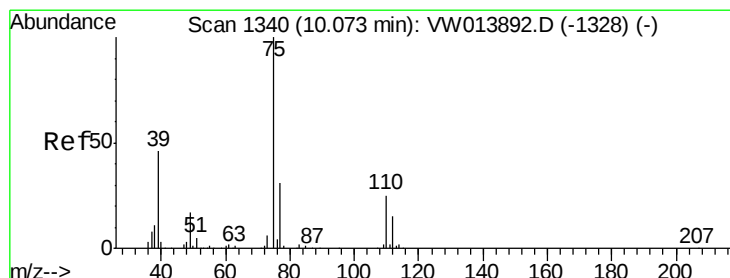
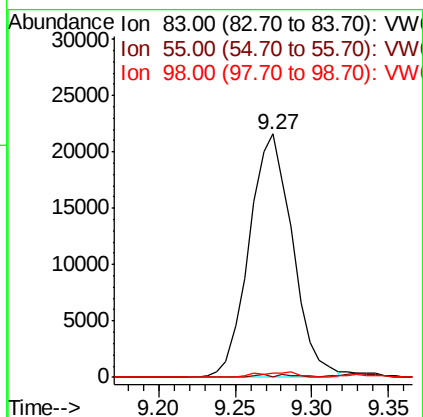
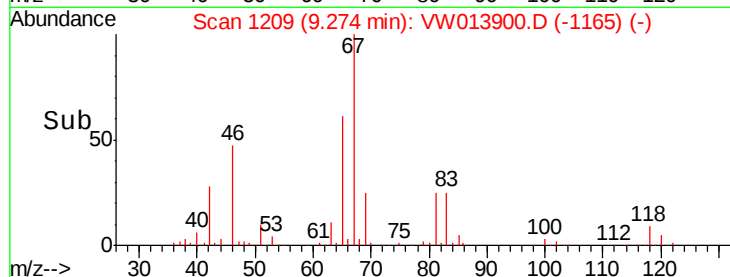
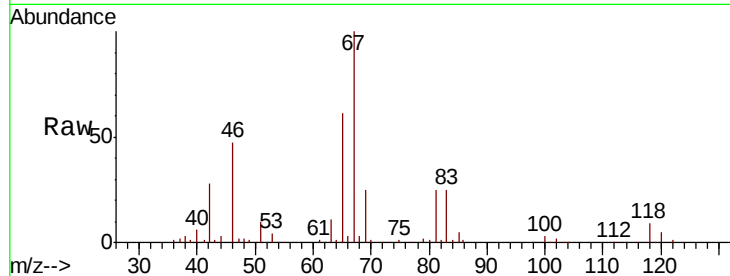




#36
Methylcyclohexane
Concen: 3.704 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW013900.D
Acq: 01 Nov 2019 15:52

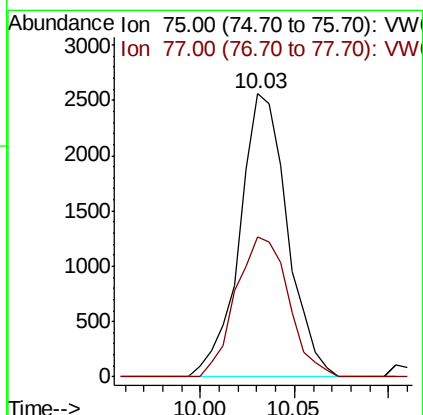
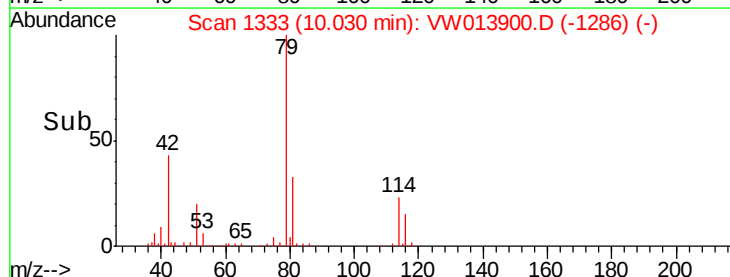
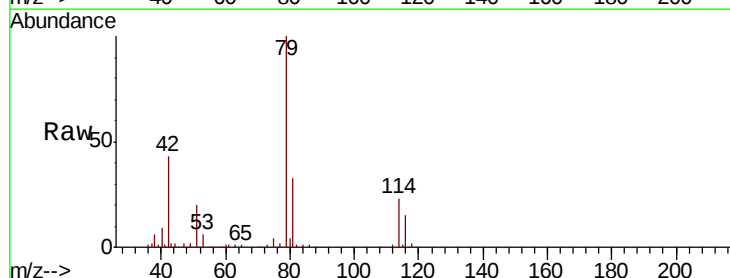
Instrument :
MSVOA_W
ClientSampleId :

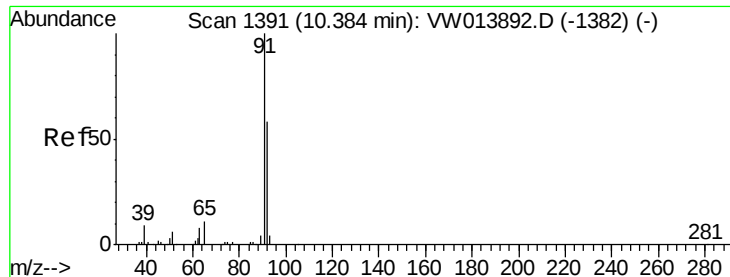
Tot Ion: 83 Resp: 42493
Ion Ratio Lower Upper
83 100
55 0.5 60.2 90.2#
98 1.3 39.2 58.8#



#42
cis-1,3-Dichloropropene
Concen: 0.468 ug/L
RT: 10.03 min Scan# 1333
Delta R.T. -0.04 min
Lab File: VW013900.D
Acq: 01 Nov 2019 15:52

Tgt Ion: 75 Resp: 4492
Ion Ratio Lower Upper
75 100
77 49.4 21.8 40.4#





#44

Toluene

Concen: 0.315 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW013900.D

Acq: 01 Nov 2019 15:52

Instrument :

MSVOA_W

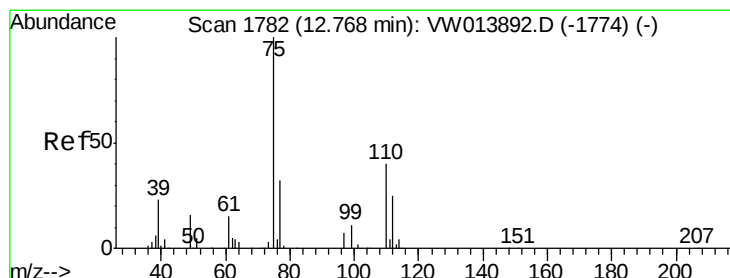
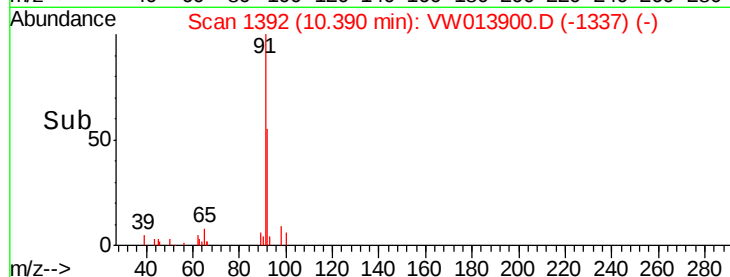
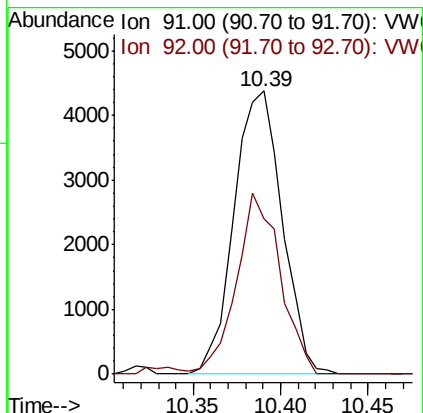
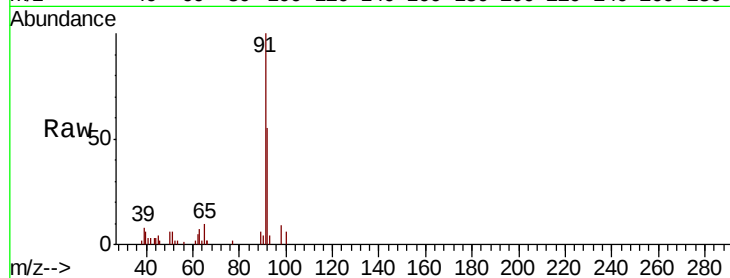
ClientSampleId :

Tot Ion: 91 Resp: 8387

Ion Ratio Lower Upper

91 100

92 54.8 40.3 74.9



#59

1,2,3-Trichloropropane

Concen: 4.586 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW013900.D

Acq: 01 Nov 2019 15:52

Tgt Ion: 75 Resp: 21072

Ion Ratio Lower Upper

75 100

77 34.0 25.9 38.9

