

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042820\
 Data File : VW015370.D
 Acq On : 28 Apr 2020 19:37
 Operator : SY/VA
 Sample : L2435-01
 Misc : 5.86G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 29 02:07:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042820S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 29 02:04:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	387692	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	344559	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	170462	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	82760	29.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	117.28%
7) Chloroethane-d5	2.89	69	79903	24.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.28%
10) 1,1-Dichloroethene-d2	4.01	63	130361	18.28	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.12%
20) 2-Butanone-d5	7.07	46	39683	45.74	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.48%
24) Chloroform-d	7.65	84	188746	22.14	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.56%
26) 1,2-Dichloroethane-d4	8.30	65	101044	23.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.08%
29) Benzene-d6	8.27	84	388506	24.48	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.92%
33) 1,2-Dichloropropane-d6	9.27	67	104555	23.54	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.16%
37) Toluene-d8	10.32	98	389528	24.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.20%
38) trans-1,3-Dichloropropene-	10.57	79	50307	22.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.52%
39) 2-Hexanone-d5	10.92	63	36234	44.68	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.36%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	84195	22.40	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.60%
61) 1,2-Dichlorobenzene-d4	13.85	152	138459	23.37	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.48%

Target Compounds

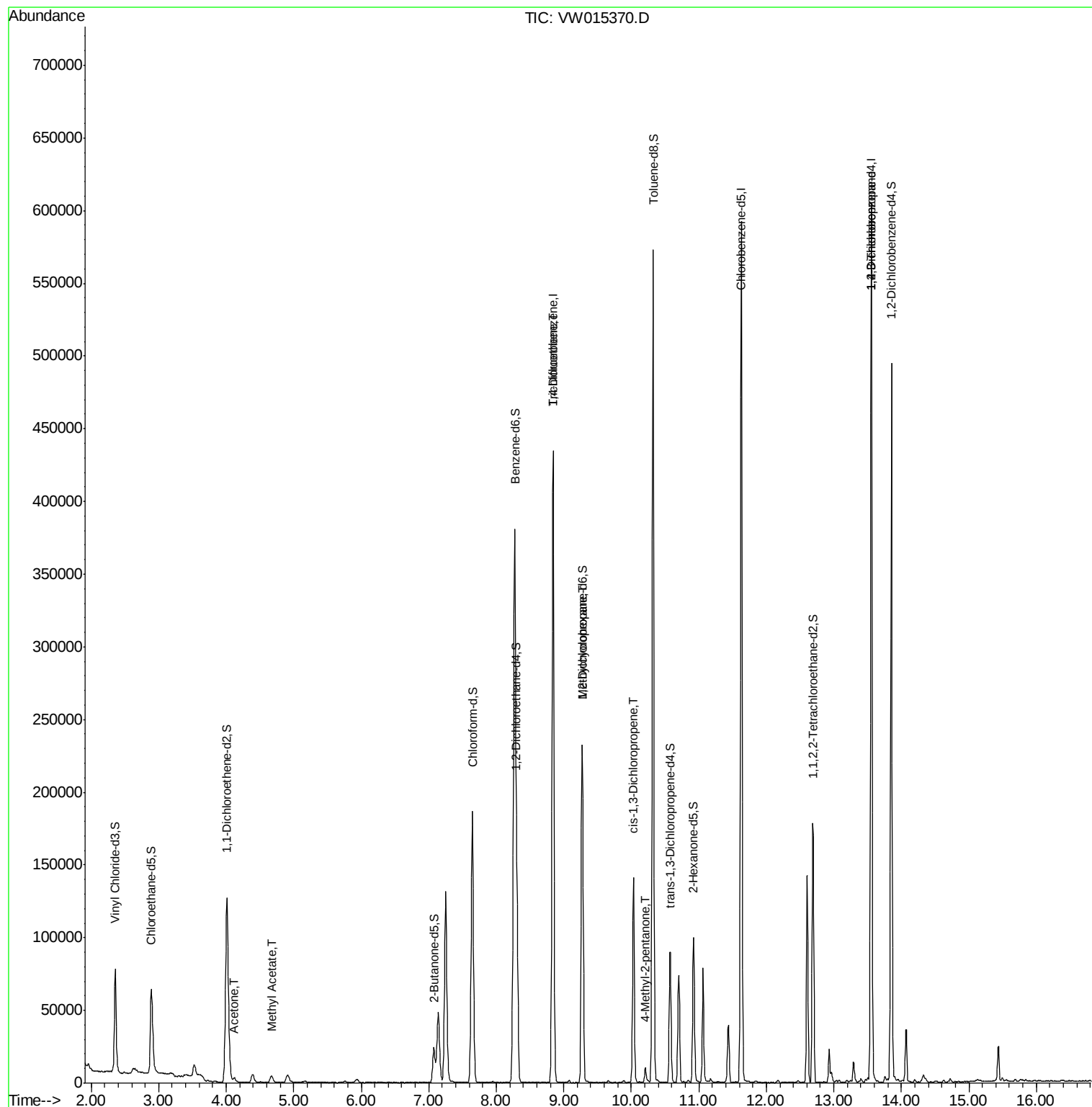
					Ovalue
13) Acetone	4.12	43	4046	5.537 ug/L	98
15) Methyl Acetate	4.67	43	7927	5.440 ug/L	99
35) Trichloroethene	8.84	95	11230	2.210 ug/L #	2
36) Methylcyclohexane	9.27	83	28534	3.332 ug/L #	22
42) cis-1,3-Dichloropropene	10.03	75	3891	0.555 ug/L #	62
43) 4-Methyl-2-pentanone	10.21	43	6887	2.548 ug/L	97
59) 1,2,3-Trichloropropane	13.55	75	17681	6.337 ug/L	92

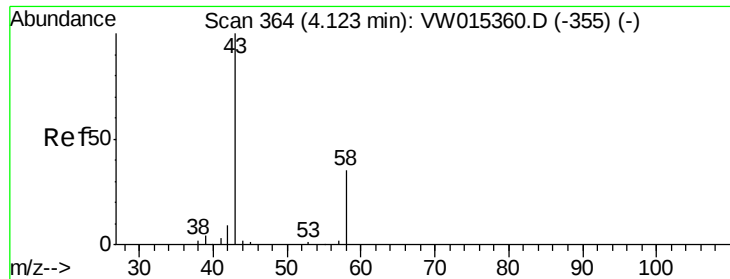
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.537 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

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Acq: 28 Apr 2020 19:37

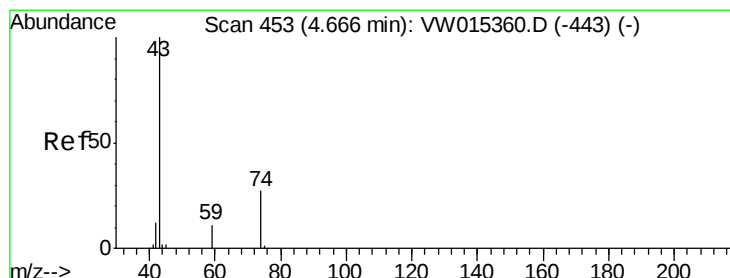
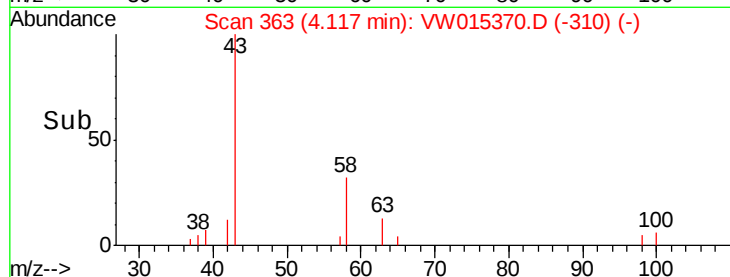
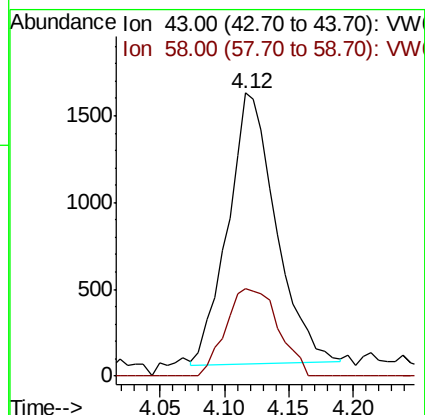
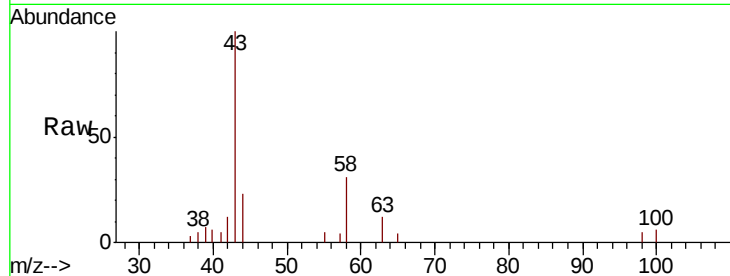
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 4046

Ion Ratio Lower Upper

43 100

58 35.3 0.0 68.0



#15

Methyl Acetate

Concen: 5.440 ug/L

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW015370.D

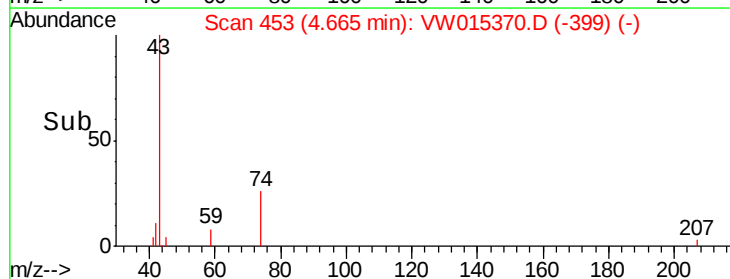
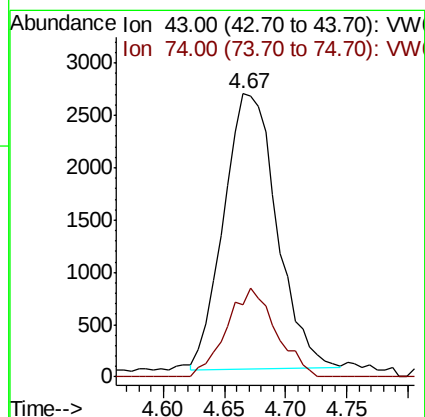
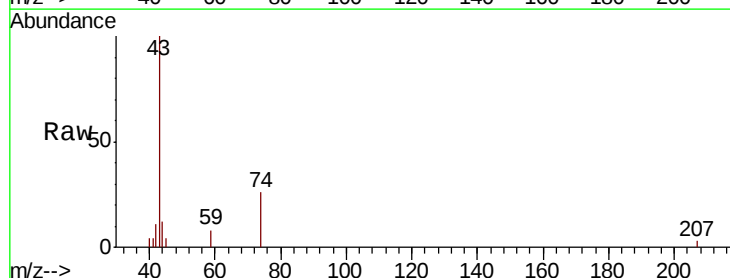
Acq: 28 Apr 2020 19:37

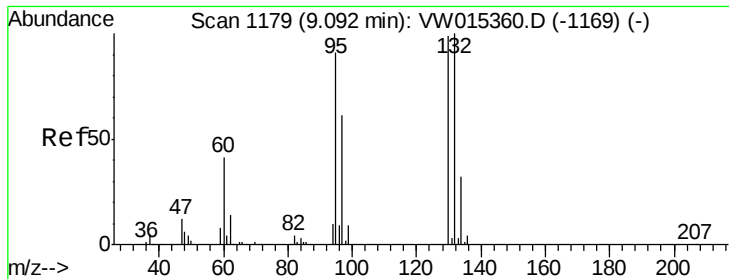
Tgt Ion: 43 Resp: 7927

Ion Ratio Lower Upper

43 100

74 29.9 23.5 35.3

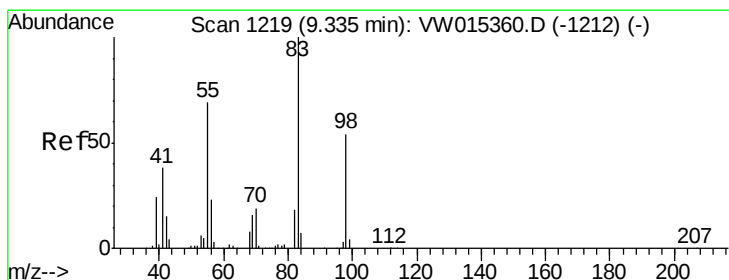
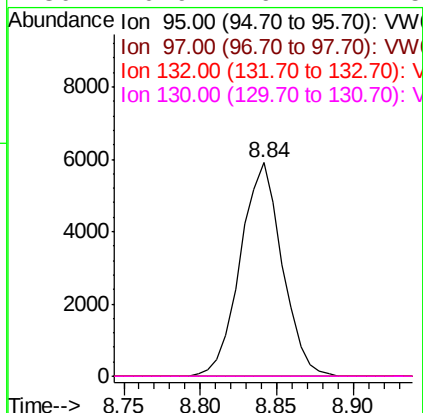
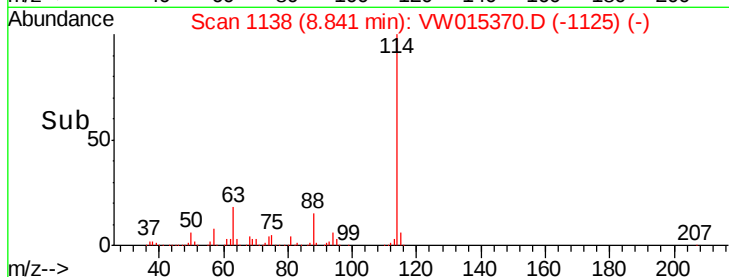
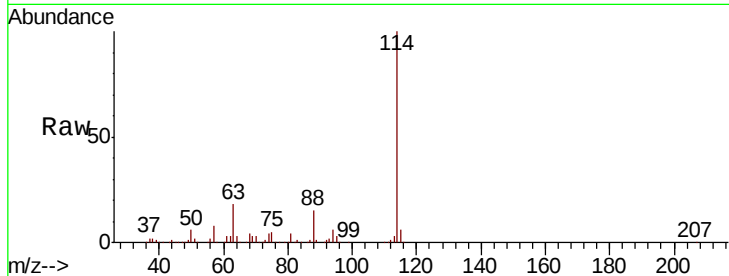




#35
 Trichloroethene
 Concen: 2.210 ug/L
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.25 min
 Lab File: VW015370.D
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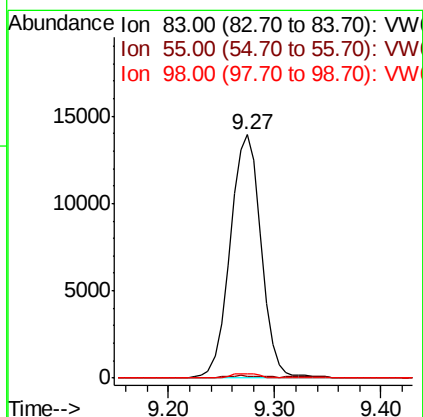
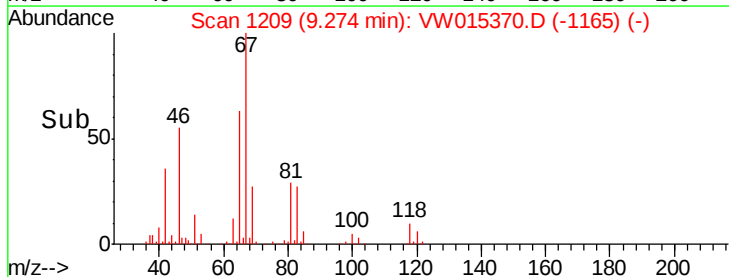
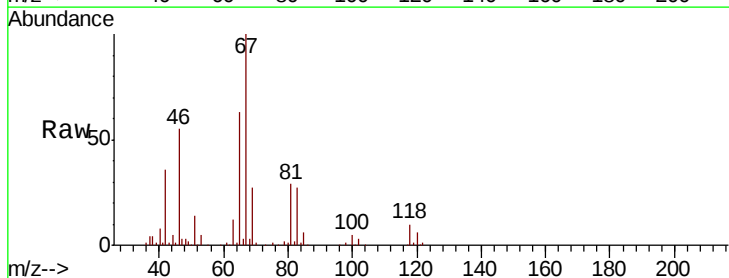
Instrument :
 MSVOA_W
 ClientSampleId :

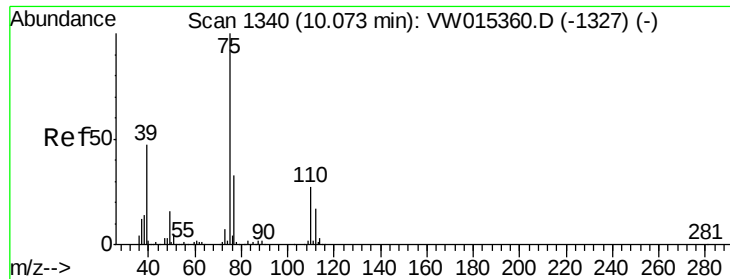
Tot Ion	95	Resp	11230
Ion Ratio	100	Lower	Upper
97	0.0	45.9	85.3#
132	0.0	75.2	139.6#
130	0.9	76.7	142.5#



#36
 Methylcyclohexane
 Concen: 3.332 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.06 min
 Lab File: VW015370.D
 Acq: 28 Apr 2020 19:37

Tgt Ion	83	Resp	28534
Ion Ratio	100	Lower	Upper
55	1.0	53.7	80.5#
98	1.7	42.3	63.5#





#42

cis-1,3-Dichloropropene

Concen: 0.555 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW015370.D

Acq: 28 Apr 2020 19:37

Instrument :

MSVOA_W

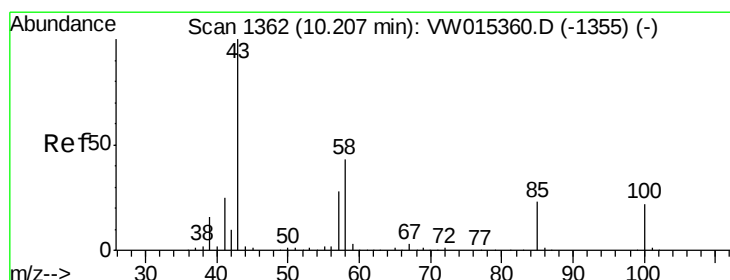
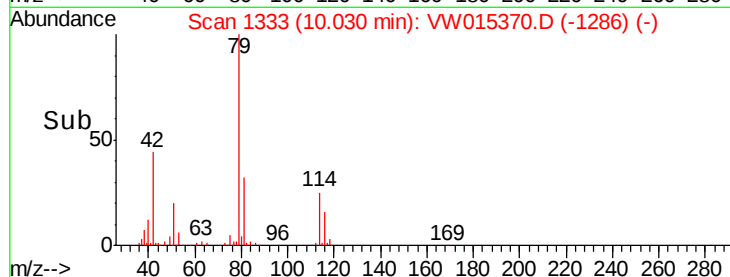
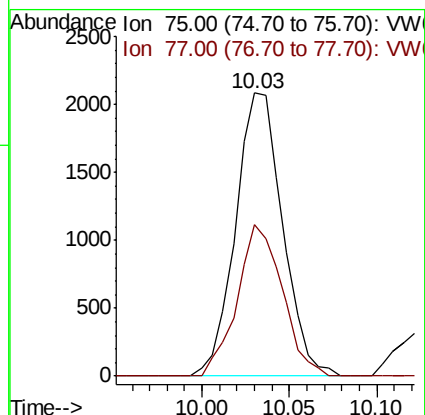
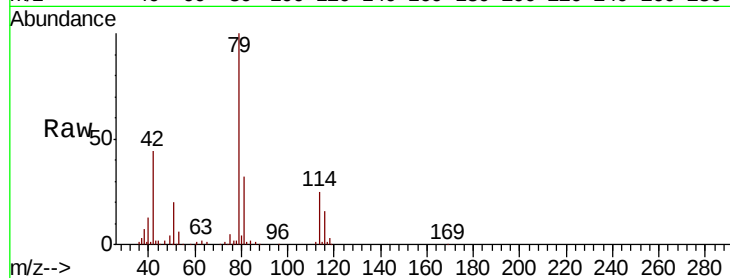
ClientSampleId :

Tot Ion: 75 Resp: 3891

Ion Ratio Lower Upper

75 100

77 53.7 22.7 42.3#



#43

4-Methyl-2-pentanone

Concen: 2.548 ug/L

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW015370.D

Acq: 28 Apr 2020 19:37

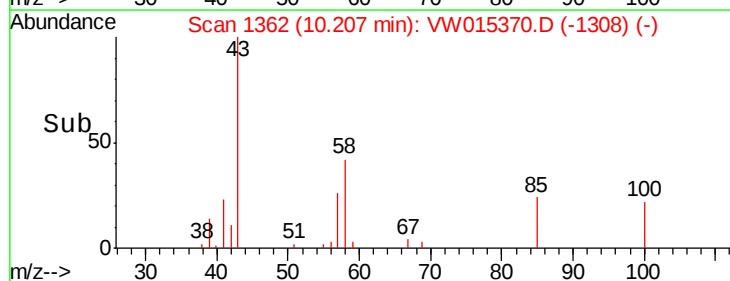
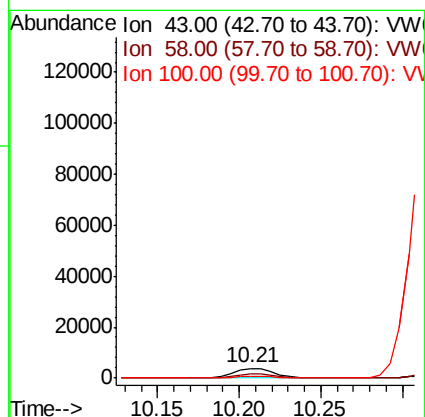
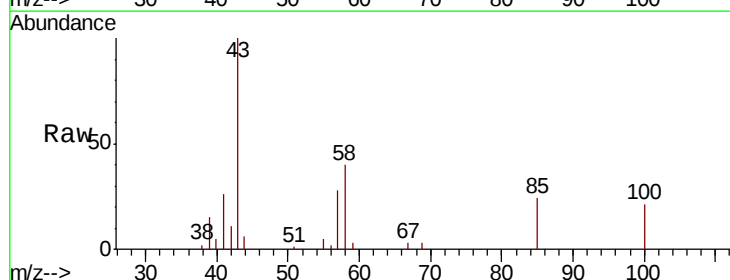
Tgt Ion: 43 Resp: 6887

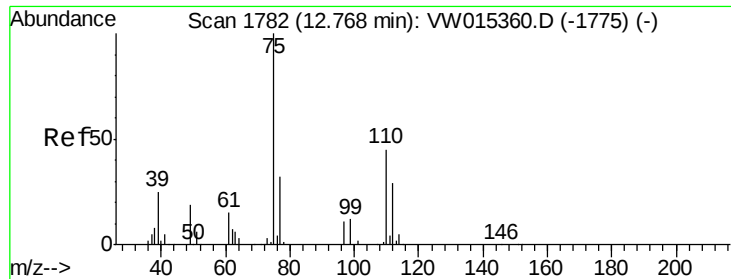
Ion Ratio Lower Upper

43 100

58 41.5 34.2 51.4

100 18.9 17.2 25.8





#59

1,2,3-Trichloropropane

Concen: 6.337 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW015370.D

Acq: 28 Apr 2020 19:37

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 17681

Ion Ratio Lower Upper

75 100

77 37.5 26.4 39.6

