

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092920\
 Data File : VW016688.D
 Acq On : 29 Sep 2020 15:52
 Operator : SY/VA
 Sample : L4184-14
 Misc : 5.56G/10ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AP0

Quant Time: Sep 30 07:17:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 30 07:14:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	643226	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	538742	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	246983	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	109923	17.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.64%
7) Chloroethane-d5	2.91	69	100287	19.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.92%
10) 1,1-Dichloroethene-d2	4.03	63	187556	13.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.88%
20) 2-Butanone-d5	7.09	46	61711	36.35	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.70%
24) Chloroform-d	7.66	84	286662	21.30	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.20%
26) 1,2-Dichloroethane-d4	8.31	65	147033	21.29	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.16%
29) Benzene-d6	8.28	84	551703	22.83	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.32%
33) 1,2-Dichloropropane-d6	9.28	67	153606	23.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.84%
37) Toluene-d8	10.33	98	523174	22.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.04%
38) trans-1,3-Dichloropropene-	10.59	79	63671	19.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.16%
39) 2-Hexanone-d5	10.93	63	48934	41.09	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.18%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	118734	21.31	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.24%
61) 1,2-Dichlorobenzene-d4	13.86	152	171361	21.71	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.84%

Target Compounds

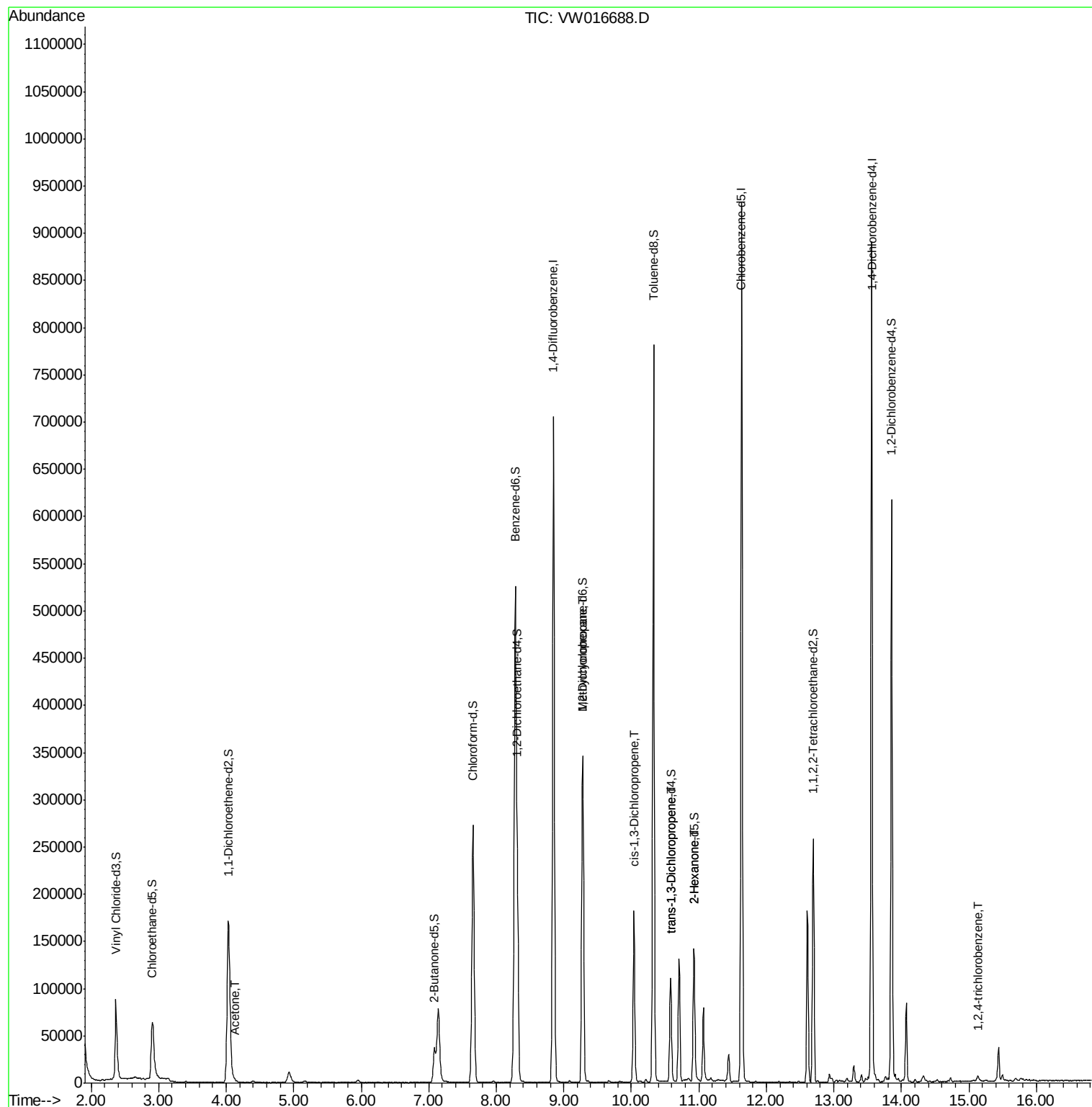
					Ovalue
13) Acetone	4.14	43	1931	1.452 ug/L	70
36) Methylcyclohexane	9.28	83	40948	2.890 ug/L #	20
42) cis-1,3-Dichloropropene	10.04	75	5049	0.440 ug/L #	59
45) trans-1,3-Dichloropropene	10.58	75	3272	0.328 ug/L	99
49) 2-Hexanone	10.93	43	6217	2.296 ug/L #	67
68) 1,2,4-trichlorobenzene	15.13	180	2266	0.238 ug/L	95

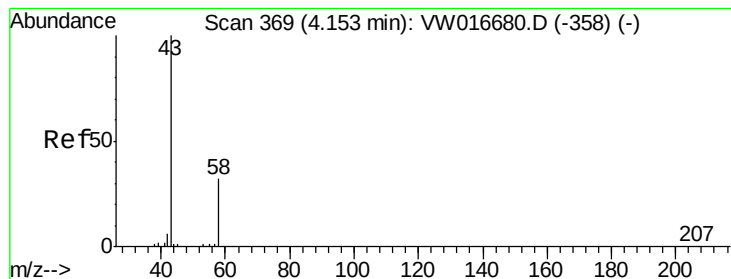
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Sep 30 07:14:58 2020
Response via : Initial Calibration





#13

Acetone

Concen: 1.452 ug/L

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

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Acq: 29 Sep 2020 15:52

Instrument :

MSVOA_W

ClientSampleId :

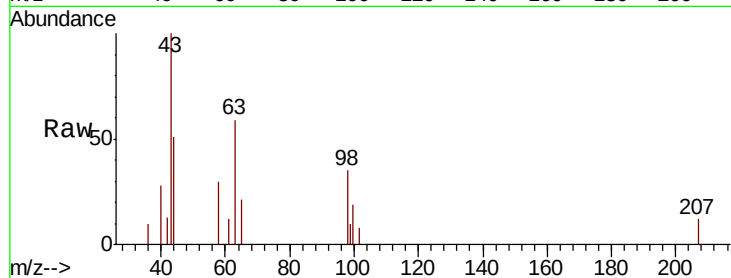
C0AP0

Tot Ion: 43 Resp: 1931

Ion Ratio Lower Upper

43 100

58 14.0 0.0 60.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

800

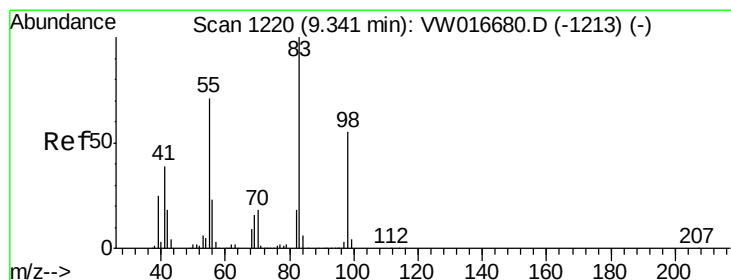
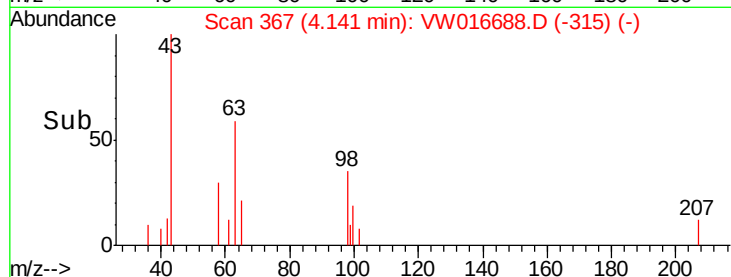
600

400

200

0

Time--> 4.05 4.10 4.15



#36

Methylcyclohexane

Concen: 2.890 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.06 min

Lab File: VW016688.D

Acq: 29 Sep 2020 15:52

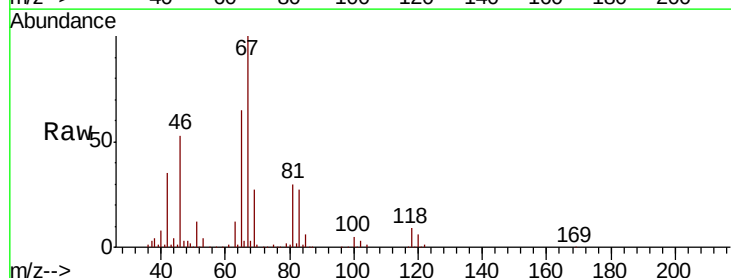
Tgt Ion: 83 Resp: 40948

Ion Ratio Lower Upper

83 100

55 0.6 55.9 83.9#

98 1.1 42.1 63.1#



Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW

9.28

25000

20000

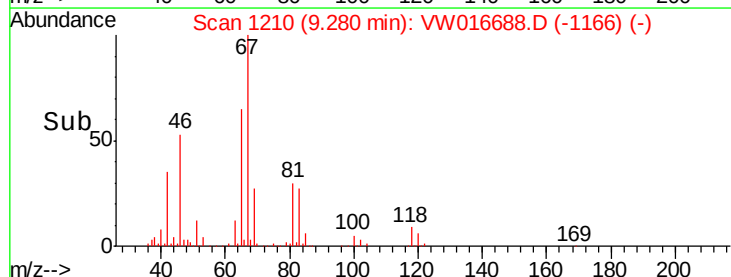
15000

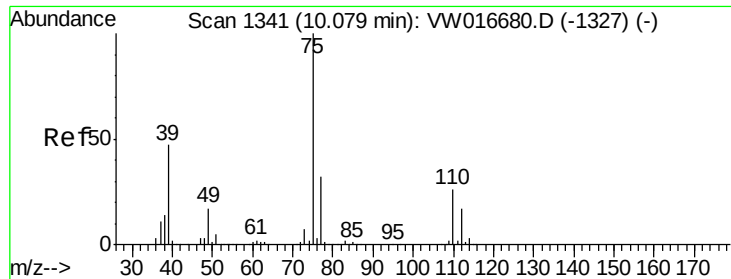
10000

5000

0

Time--> 9.20 9.25 9.30 9.35





#42

cis-1,3-Dichloropropene

Concen: 0.440 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.04 min

Lab File: VW016688.D

Acq: 29 Sep 2020 15:52

Instrument :

MSVOA_W

ClientSampleId :

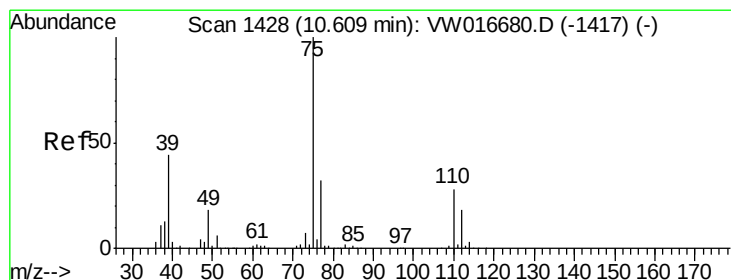
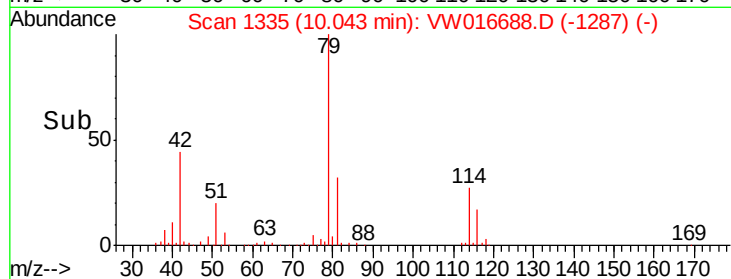
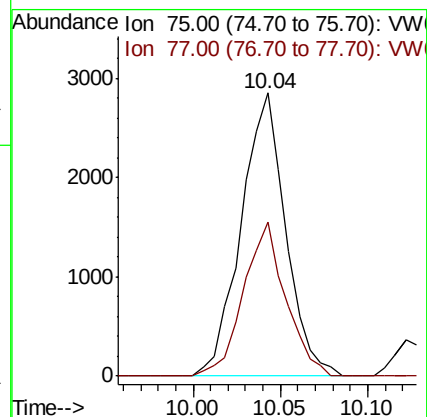
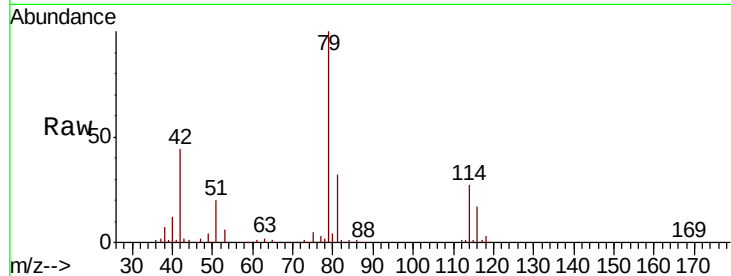
C0AP0

Tot Ion: 75 Resp: 5049

Ion Ratio Lower Upper

75 100

77 54.4 22.2 41.2#



#45

trans-1,3-Dichloropropene

Concen: 0.328 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW016688.D

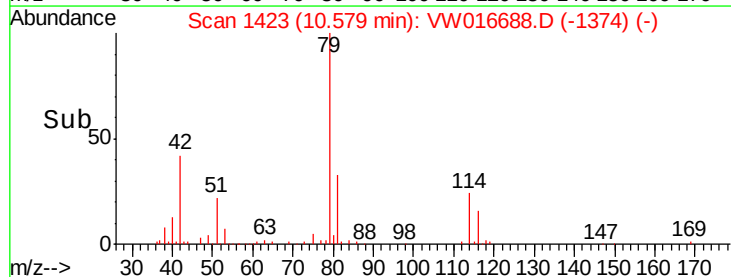
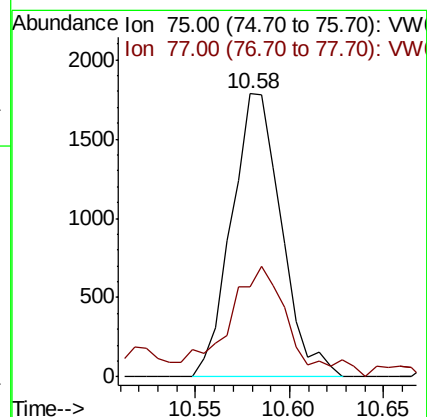
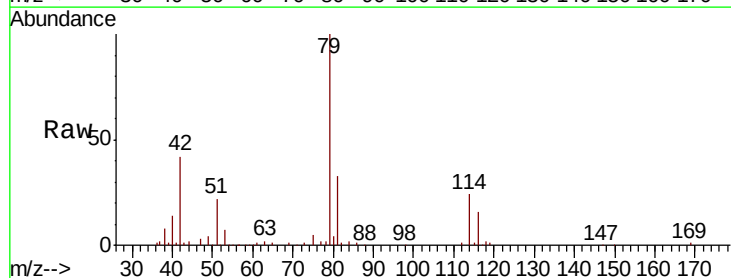
Acq: 29 Sep 2020 15:52

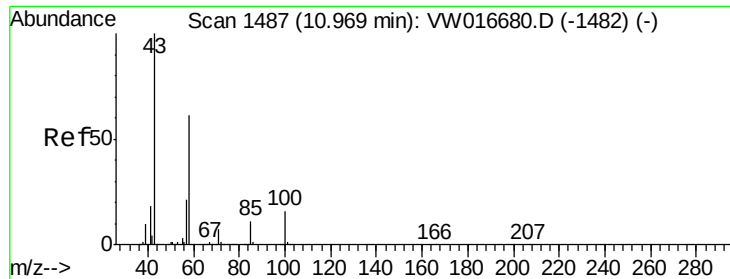
Tgt Ion: 75 Resp: 3272

Ion Ratio Lower Upper

75 100

77 31.9 22.5 41.9





#49

2-Hexanone

Concen: 2.296 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW016688.D

Acq: 29 Sep 2020 15:52

Instrument :

MSVOA_W

ClientSampled :

C0AP0

Tot Ion: 43 Resp: 6217

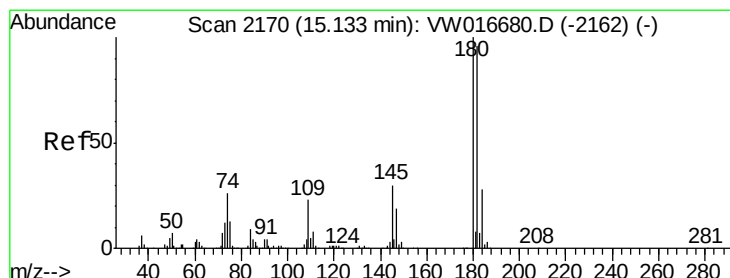
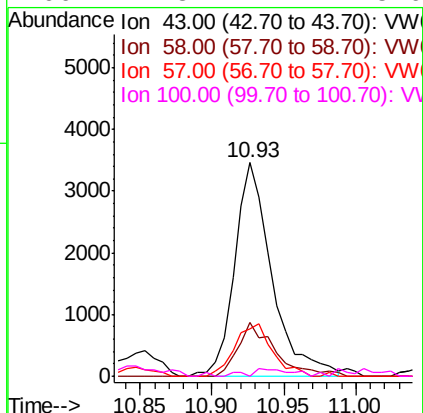
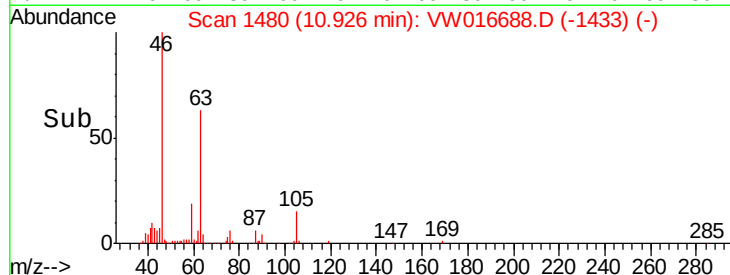
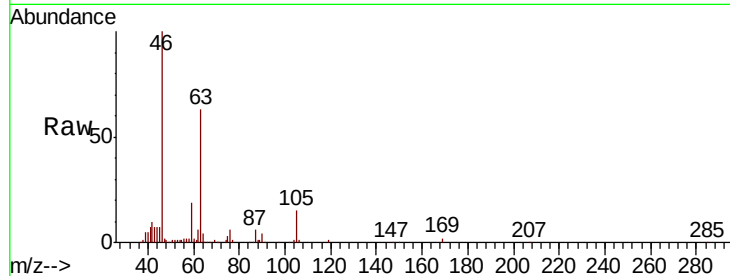
Ion Ratio Lower Upper

43 100

58 24.4 44.2 66.2#

57 24.7 16.3 24.5#

100 2.3 12.4 18.6#



#68

1,2,4-trichlorobenzene

Concen: 0.238 ug/L

RT: 15.13 min Scan# 2170

Delta R.T. 0.00 min

Lab File: VW016688.D

Acq: 29 Sep 2020 15:52

Tgt Ion: 180 Resp: 2266

Ion Ratio Lower Upper

180 100

182 88.6 74.5 111.7

145 31.3 23.1 34.7

