

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW093020\
 Data File : VW016703.D
 Acq On : 30 Sep 2020 10:40
 Operator : SY/VA
 Sample : L4109-16
 Misc : 5.86G/10ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3X7

Quant Time: Oct 01 05:06:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 01 05:05:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	680322	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	613822	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	309390	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	131297	19.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.76%
7) Chloroethane-d5	2.91	69	123728	23.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.04%
10) 1,1-Dichloroethene-d2	4.03	63	223383	15.17	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.68%
20) 2-Butanone-d5	7.09	46	84034	46.81	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.62%
24) Chloroform-d	7.65	84	350355	24.62	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.48%
26) 1,2-Dichloroethane-d4	8.31	65	186113	25.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.88%
29) Benzene-d6	8.28	84	686123	24.92	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.68%
33) 1,2-Dichloropropane-d6	9.28	67	198020	26.54	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.16%
37) Toluene-d8	10.33	98	645304	23.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.32%
38) trans-1,3-Dichloropropene-	10.58	79	83189	22.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.48%
39) 2-Hexanone-d5	10.93	63	69003	50.85	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.70%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	166229	26.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.76%
61) 1,2-Dichlorobenzene-d4	13.86	152	264604	26.77	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.08%

Target Compounds

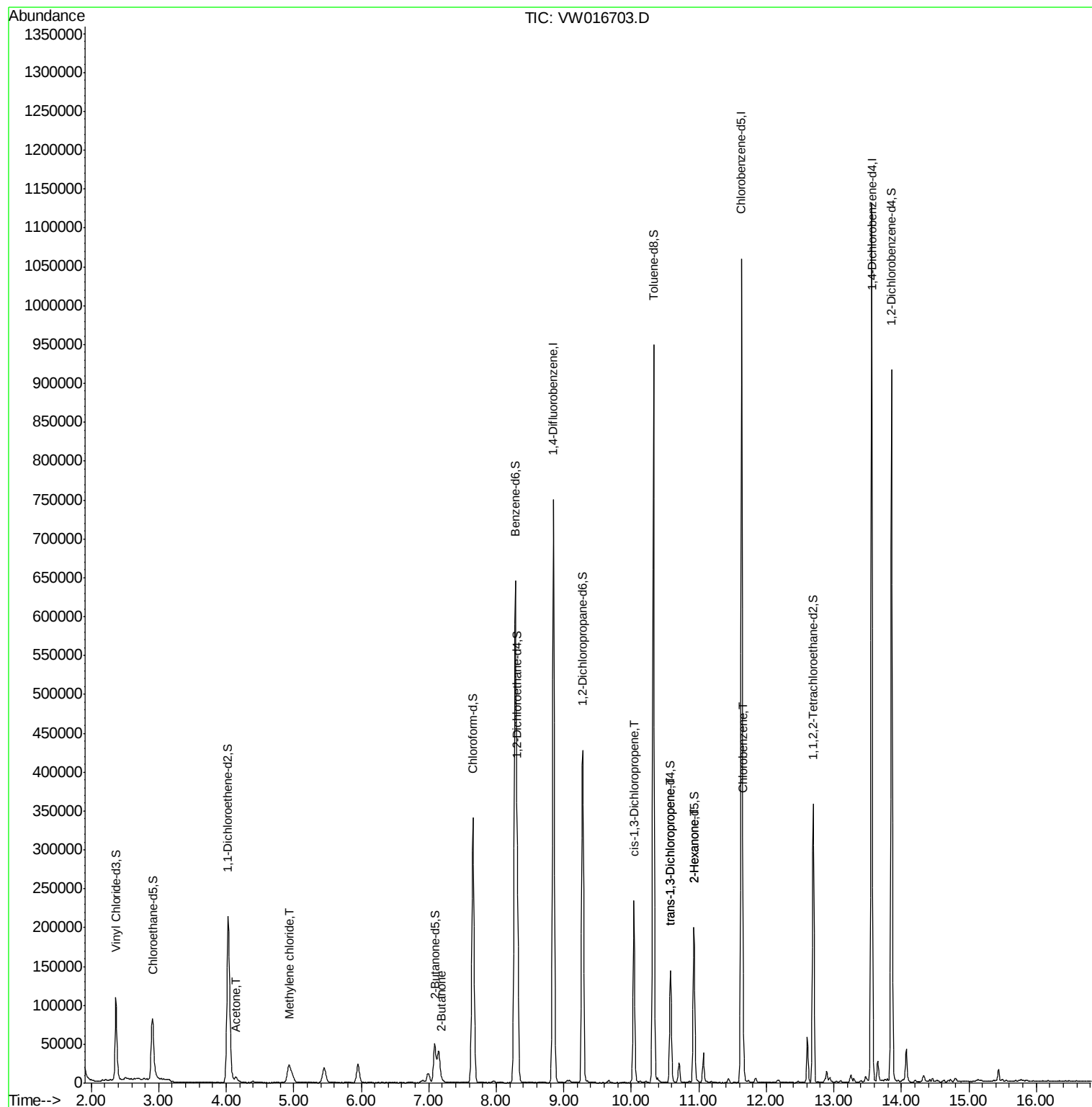
					Ovalue
13) Acetone	4.14	43	11651	8.284 ug/L	80
16) Methylene chloride	4.93	84	18415	1.755 ug/L	97
21) 2-Butanone	7.19	43	2817	1.177 ug/L	83
42) cis-1,3-Dichloropropene	10.04	75	6669	0.510 ug/L #	69
45) trans-1,3-Dichloropropene	10.58	75	3931	0.346 ug/L #	79
49) 2-Hexanone	10.93	43	7410	2.402 ug/L #	67
52) Chlorobenzene	11.66	112	19910	0.801 ug/L	94

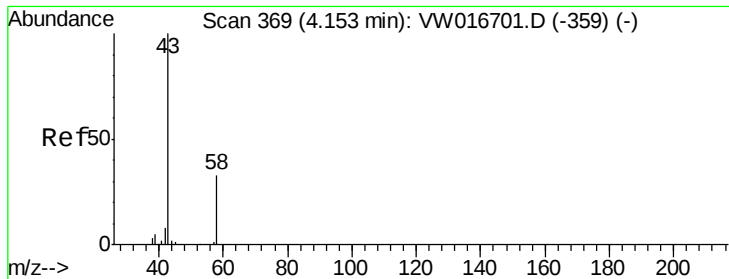
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Oct 01 05:05:13 2020
Response via : Initial Calibration





#13

Acetone

Concen: 8.284 ug/L

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW016703.D

Acq: 30 Sep 2020 10:40

Instrument :

MSVOA_W

ClientSampleId :

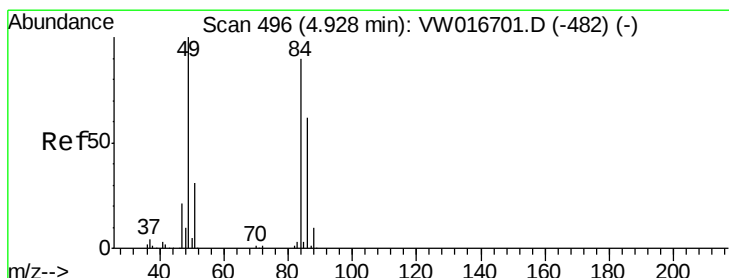
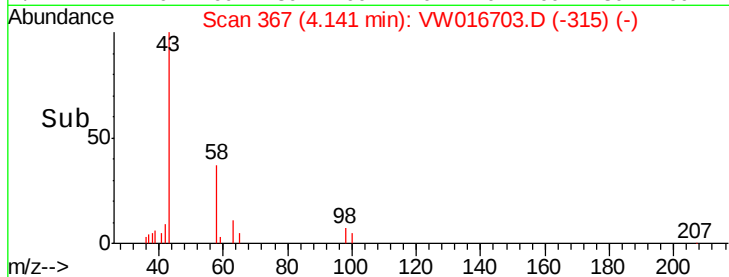
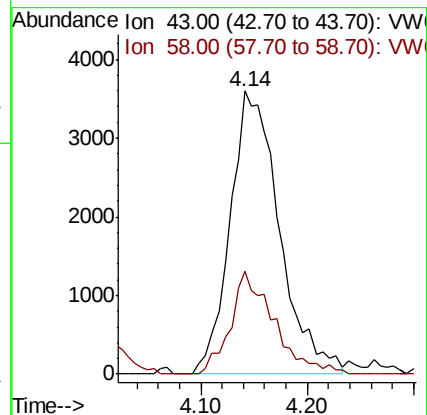
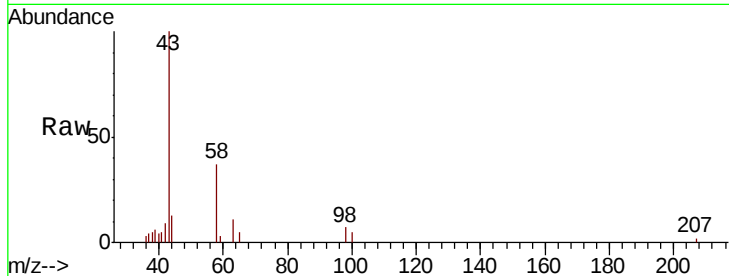
BG3X7

Tot Ion: 43 Resp: 11651

Ion Ratio Lower Upper

43 100

58 19.3 0.0 60.2



#16

Methylene chloride

Concen: 1.755 ug/L

RT: 4.93 min Scan# 497

Delta R.T. 0.01 min

Lab File: VW016703.D

Acq: 30 Sep 2020 10:40

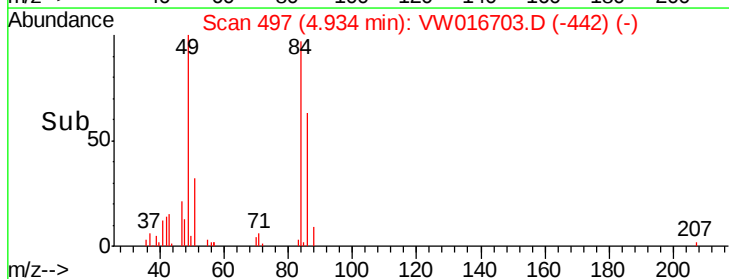
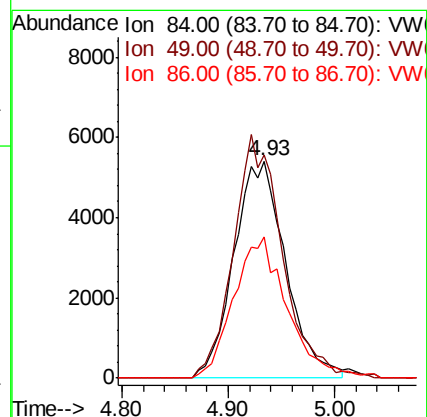
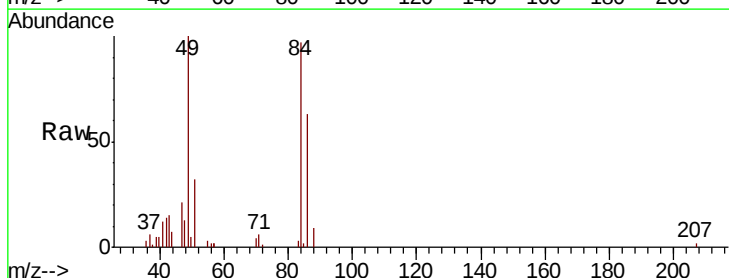
Tgt Ion: 84 Resp: 18415

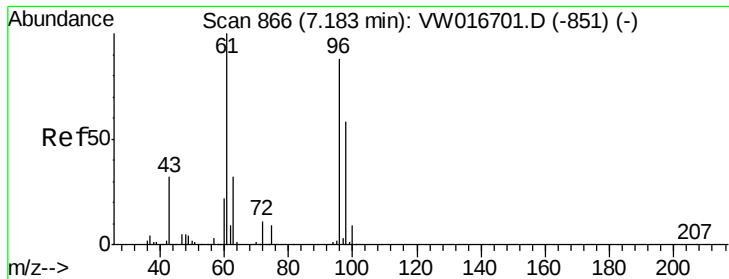
Ion Ratio Lower Upper

84 100

49 102.9 76.0 141.2

86 65.1 45.6 84.6





#21

2-Butanone

Concen: 1.177 ug/L

RT: 7.19 min Scan# 867

Delta R.T. 0.01 min

Lab File: VW016703.D

Acq: 30 Sep 2020 10:40

Instrument :

MSVOA_W

ClientSampled :

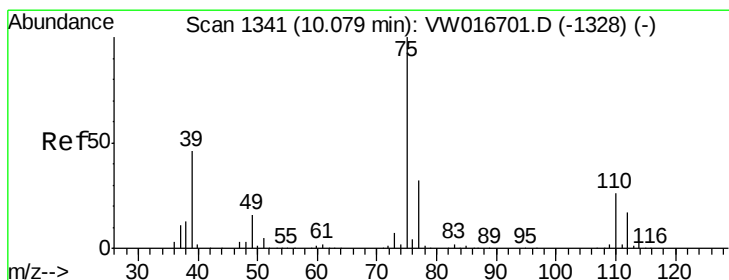
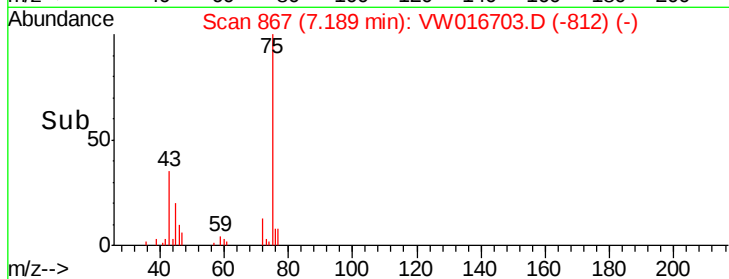
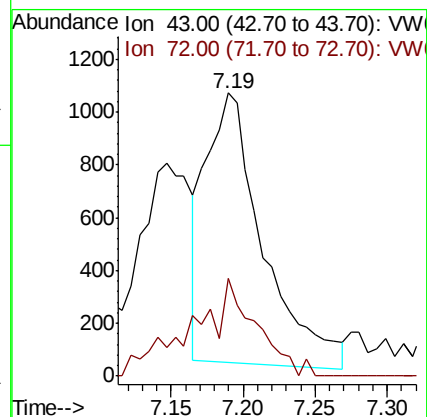
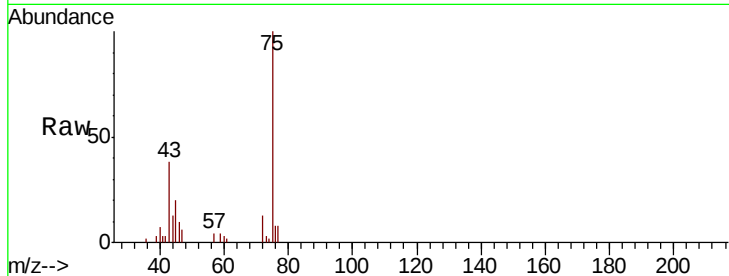
BG3X7

Tot Ion: 43 Resp: 2817

Ion Ratio Lower Upper

43 100

72 19.8 14.6 43.8



#42

cis-1,3-Dichloropropene

Concen: 0.510 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016703.D

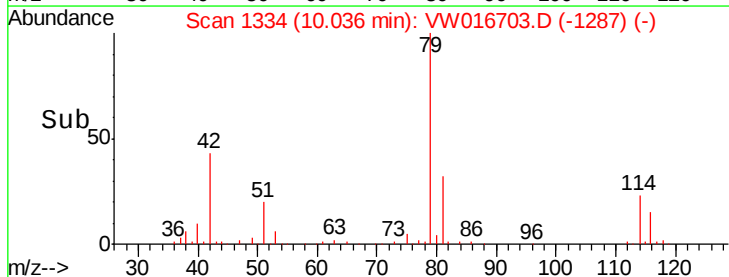
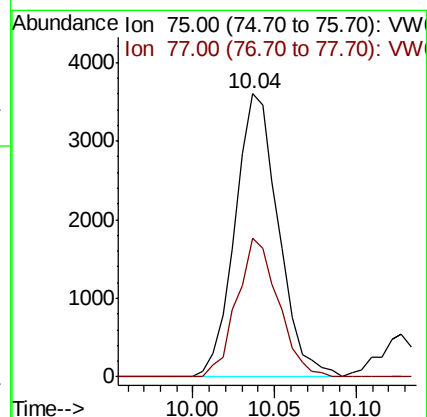
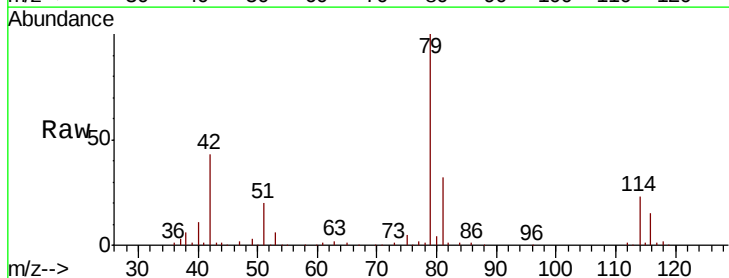
Acq: 30 Sep 2020 10:40

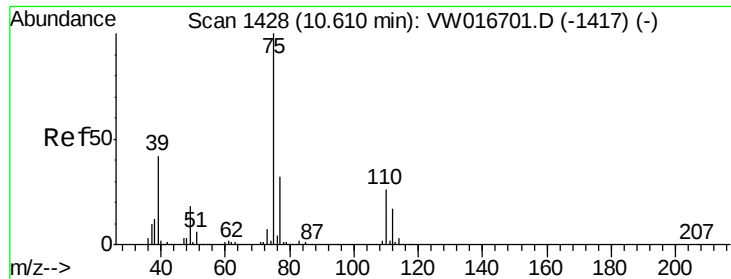
Tgt Ion: 75 Resp: 6669

Ion Ratio Lower Upper

75 100

77 49.0 22.2 41.2#





#45

trans-1,3-Dichloropropene

Concen: 0.346 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW016703.D

Acq: 30 Sep 2020 10:40

Instrument :

MSVOA_W

ClientSampleId :

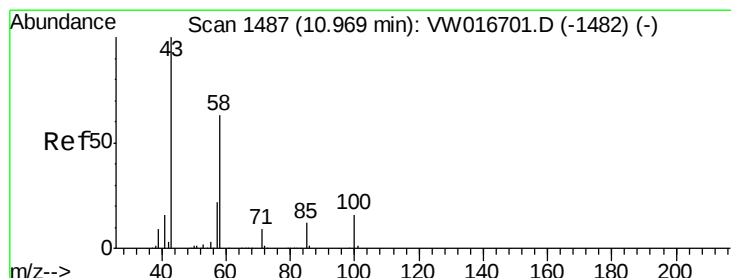
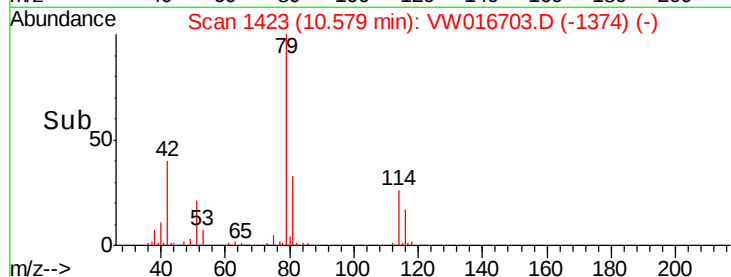
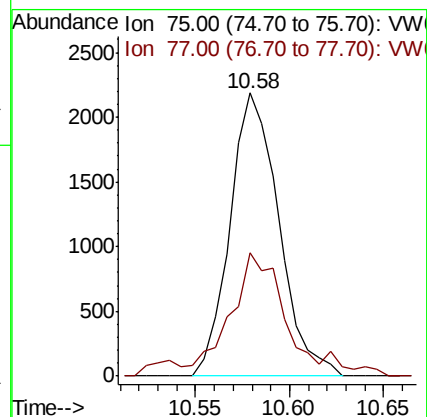
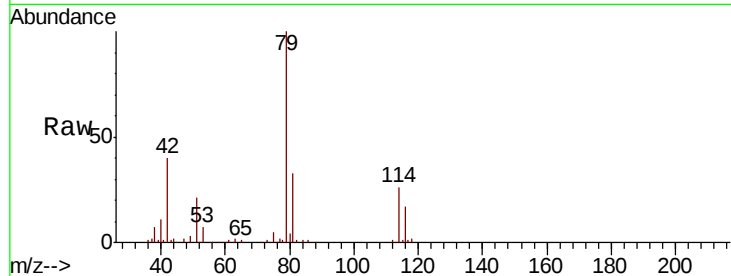
BG3X7

Tot Ion: 75 Resp: 3931

Ion Ratio Lower Upper

75 100

77 43.7 22.5 41.9#



#49

2-Hexanone

Concen: 2.402 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW016703.D

Acq: 30 Sep 2020 10:40

Tgt Ion: 43 Resp: 7410

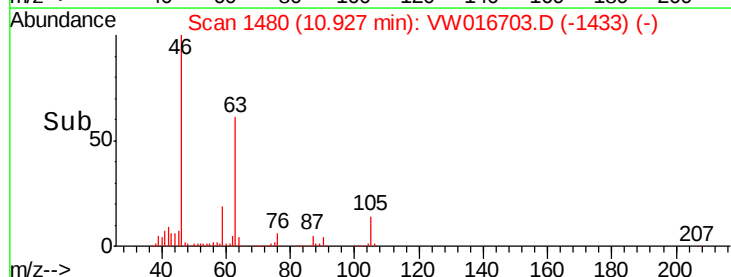
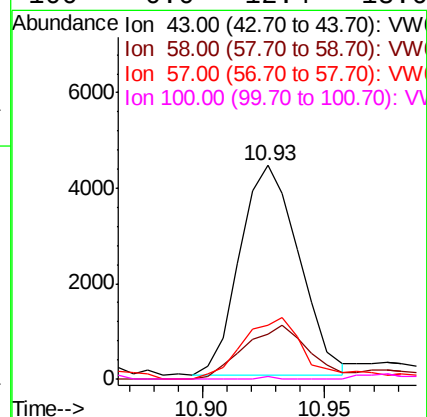
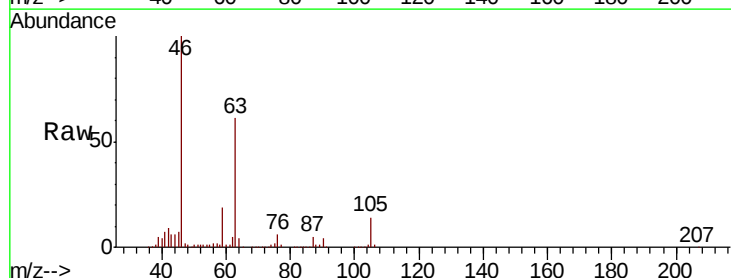
Ion Ratio Lower Upper

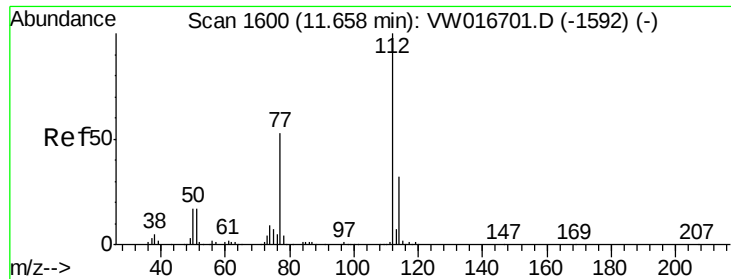
43 100

58 28.4 44.2 66.2#

57 29.2 16.3 24.5#

100 0.0 12.4 18.6#





#52
 Chlorobenzene
 Concen: 0.801 ug/L
 RT: 11.66 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: VW016703.D
 Acq: 30 Sep 2020 10:40

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3X7

Tot Ion	Ratio	Lower	Upper
112	100		
77	58.4	43.1	64.7
114	35.1	22.3	41.3

