

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092320\
 Data File : VW016608.D
 Acq On : 22 Sep 2020 14:19
 Operator : SY/VA
 Sample : L4108-03
 Misc : 5.01G/10ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3M7

Quant Time: Sep 23 07:29:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 23 07:21:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	661943	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	588945	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	289499	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	162951	25.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.72%
7) Chloroethane-d5	2.91	69	138788	26.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.12%
10) 1,1-Dichloroethene-d2	4.03	63	249989	17.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.80%
20) 2-Butanone-d5	7.09	46	65289	37.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.74%
24) Chloroform-d	7.65	84	340103	24.56	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.24%
26) 1,2-Dichloroethane-d4	8.31	65	171402	24.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.44%
29) Benzene-d6	8.28	84	673313	25.49	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.96%
33) 1,2-Dichloropropane-d6	9.28	67	182305	25.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.88%
37) Toluene-d8	10.33	98	640936	24.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.68%
38) trans-1,3-Dichloropropene-	10.58	79	80430	22.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.16%
39) 2-Hexanone-d5	10.93	63	51800	39.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.58%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	129441	21.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.00%
61) 1,2-Dichlorobenzene-d4	13.85	152	230479	24.92	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.68%

Target Compounds

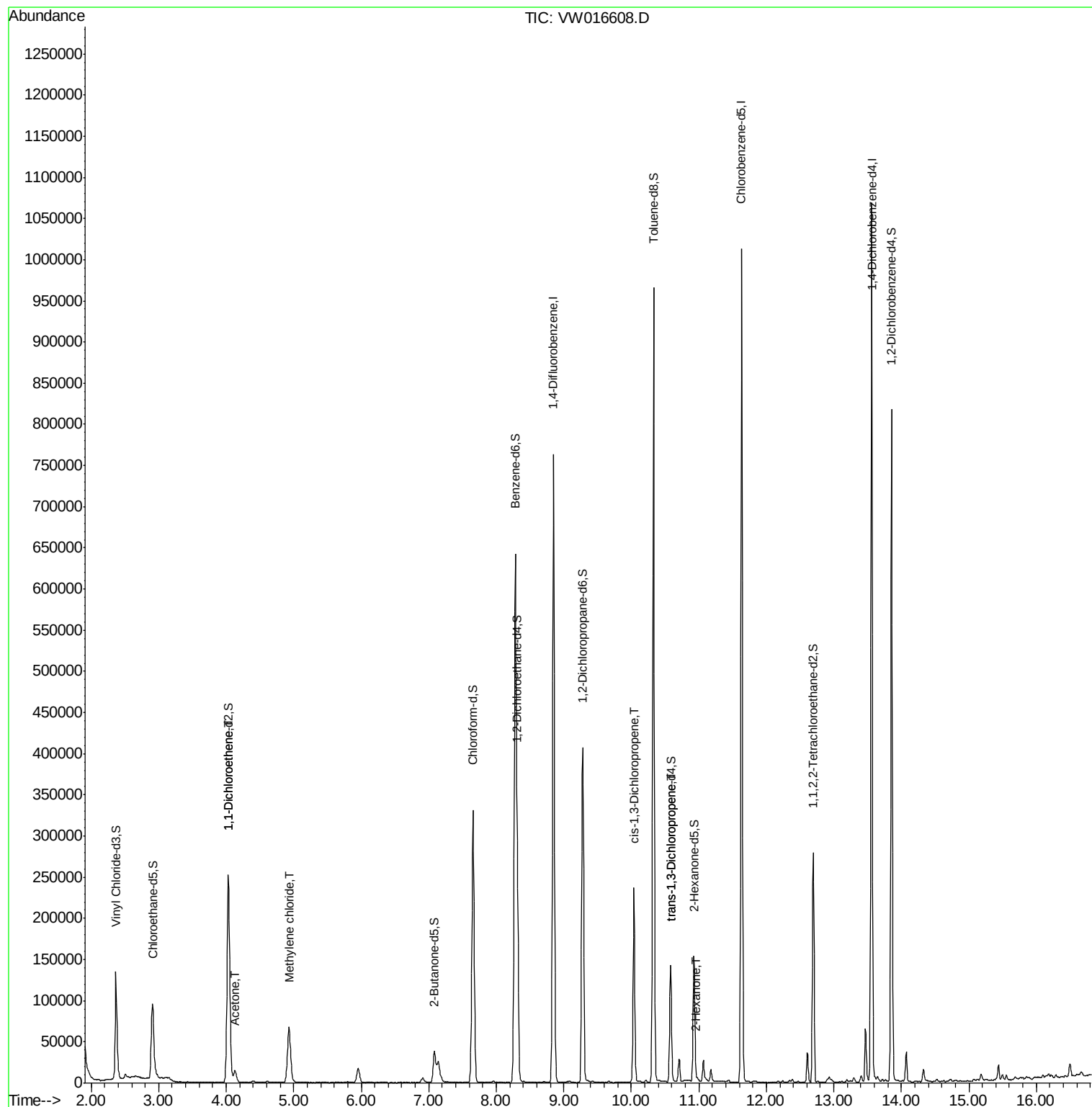
					Ovalue
12) 1,1-Dichloroethene	4.03	96	2473	0.295 ug/L #	1
13) Acetone	4.13	43	24105	17.616 ug/L	99
16) Methylene chloride	4.93	84	57853	5.667 ug/L	95
42) cis-1,3-Dichloropropene	10.04	75	6647	0.530 ug/L #	72
45) trans-1,3-Dichloropropene	10.58	75	3624	0.332 ug/L	88
49) 2-Hexanone	10.97	43	1241	0.419 ug/L #	85

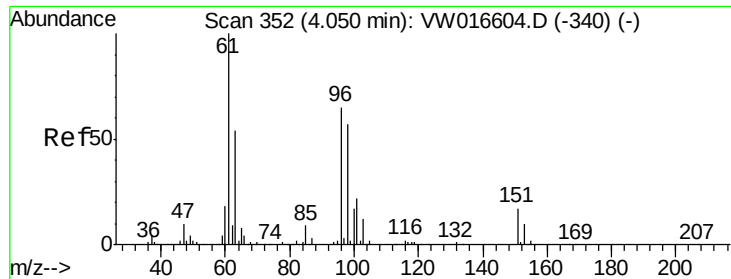
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Sep 23 07:21:48 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.295 ug/L

RT: 4.03 min Scan# 349

Delta R.T. -0.02 min

Lab File: VW016608.D

Acq: 22 Sep 2020 14:19

Instrument :

MSVOA_W

ClientSampleId :

BG3M7

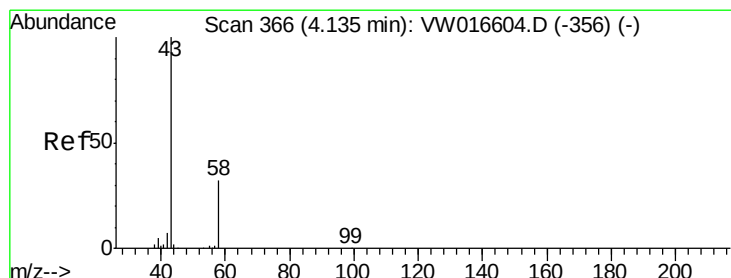
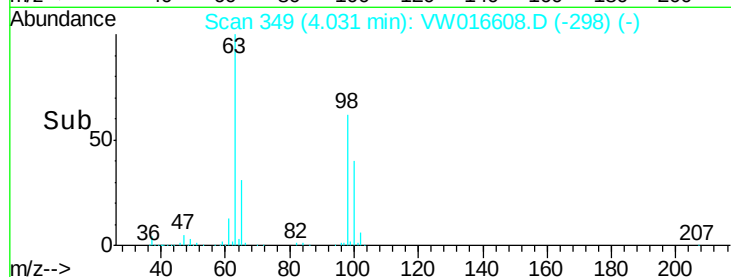
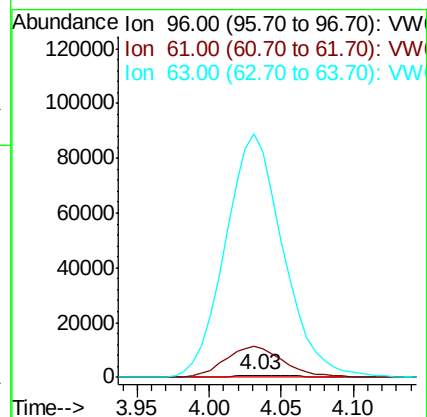
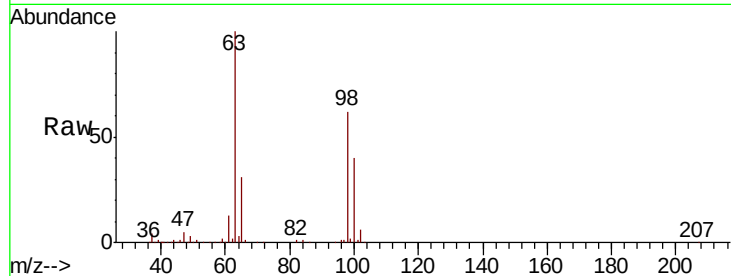
Tot Ion: 96 Resp: 2473

Ion Ratio Lower Upper

96 100

61 1437.3 111.4 206.8#

63 11387.5 73.0 135.6#



#13

Acetone

Concen: 17.616 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW016608.D

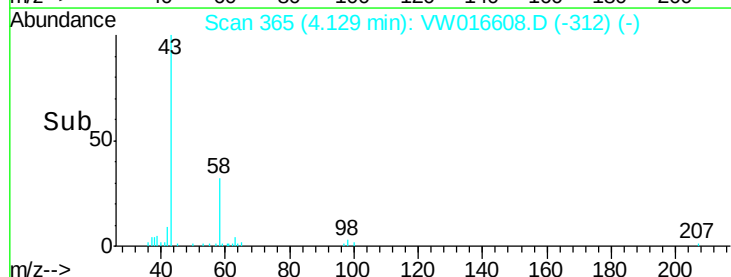
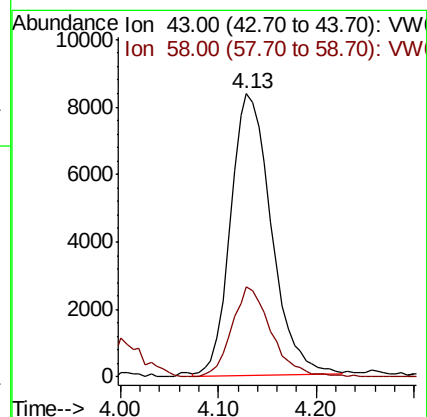
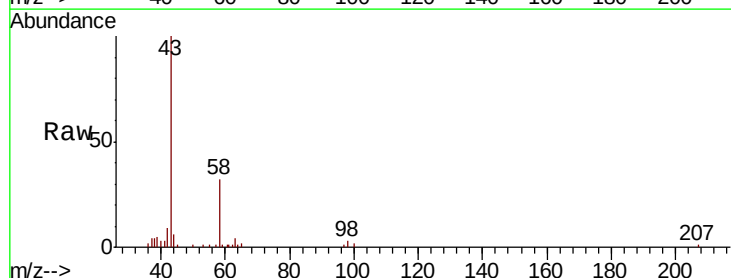
Acq: 22 Sep 2020 14:19

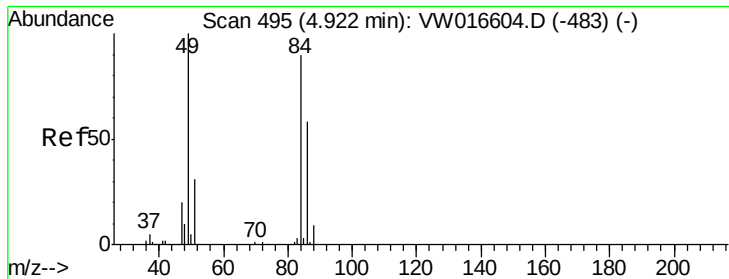
Tgt Ion: 43 Resp: 24105

Ion Ratio Lower Upper

43 100

58 30.9 0.0 60.2

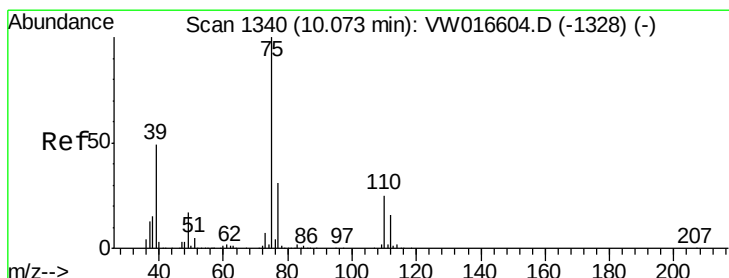
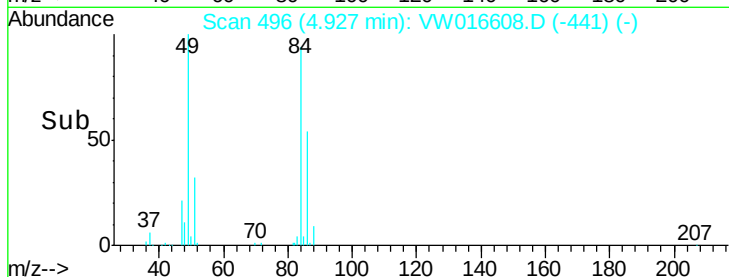
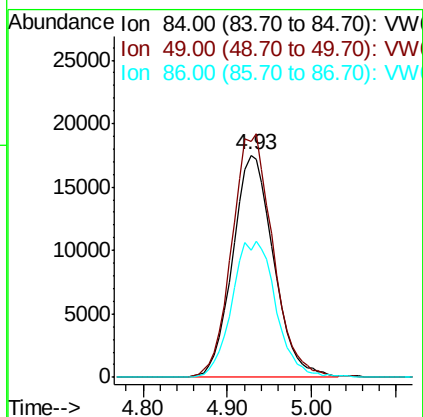
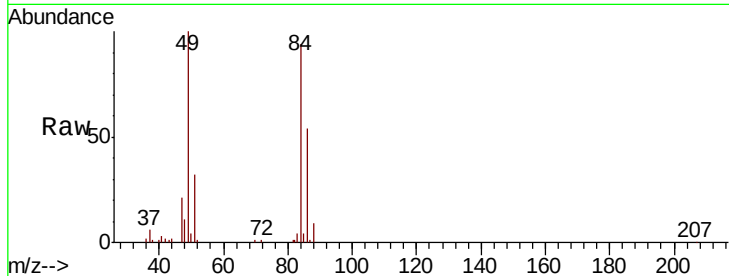




#16
Methylene chloride
Concen: 5.667 ug/L
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW016608.D
Acq: 22 Sep 2020 14:19

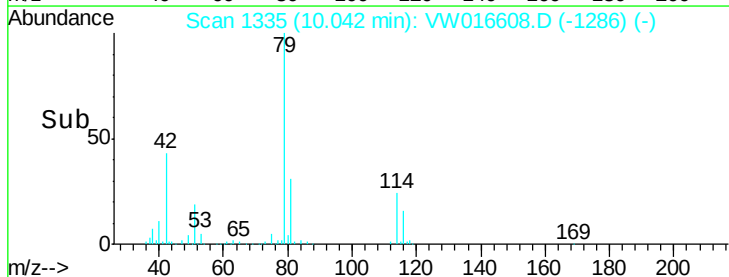
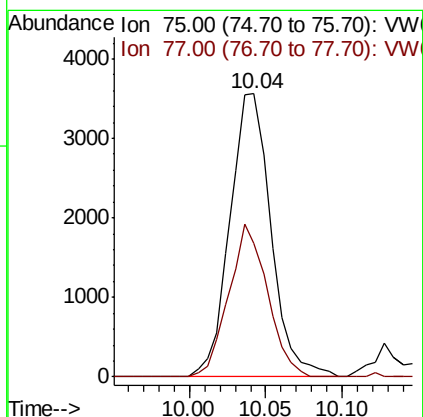
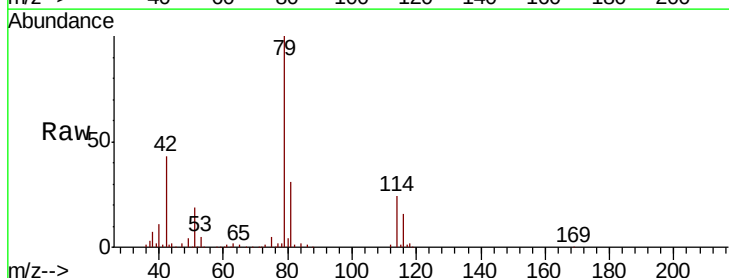
Instrument :
MSVOA_W
ClientSampleId :
BG3M7

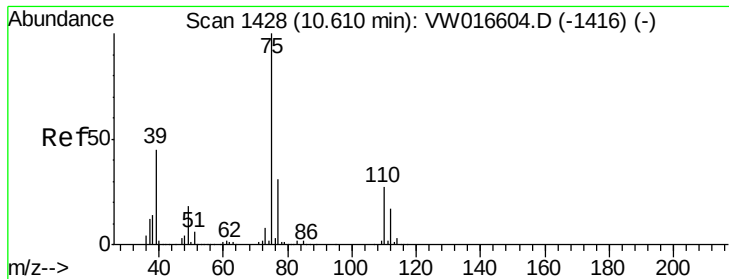
Tot Ion: 84 Resp: 57853
Ion Ratio Lower Upper
84 100
49 106.4 76.0 141.2
86 57.4 45.6 84.6



#42
cis-1,3-Dichloropropene
Concen: 0.530 ug/L
RT: 10.04 min Scan# 1335
Delta R.T. -0.03 min
Lab File: VW016608.D
Acq: 22 Sep 2020 14:19

Tgt Ion: 75 Resp: 6647
Ion Ratio Lower Upper
75 100
77 47.4 22.2 41.2#





#45

trans-1,3-Dichloropropene

Concen: 0.332 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW016608.D

Acq: 22 Sep 2020 14:19

Instrument :

MSVOA_W

ClientSampled :

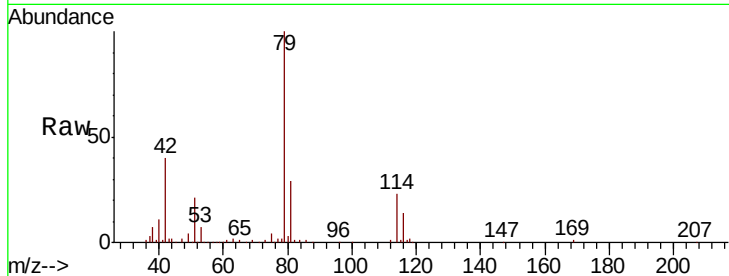
BG3M7

Tot Ion: 75 Resp: 3624

Ion Ratio Lower Upper

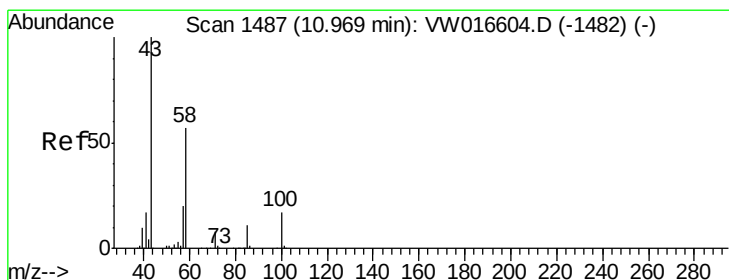
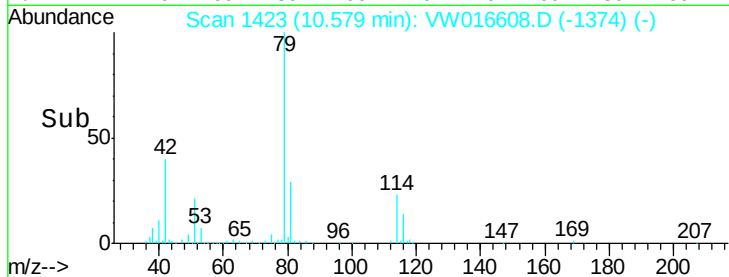
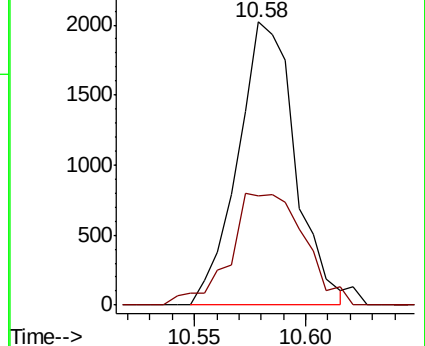
75 100

77 38.7 22.5 41.9



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#49

2-Hexanone

Concen: 0.419 ug/L

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW016608.D

Acq: 22 Sep 2020 14:19

Tgt Ion: 43 Resp: 1241

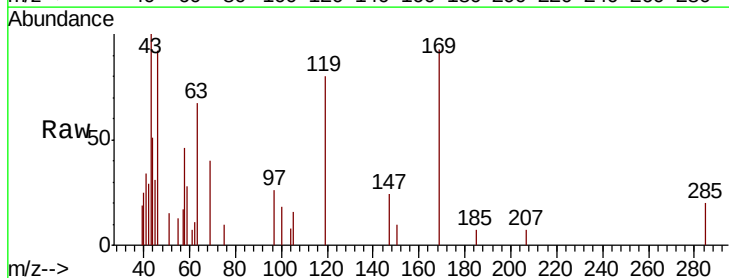
Ion Ratio Lower Upper

43 100

58 53.6 44.2 66.2

57 14.3 16.3 24.5#

100 42.7 12.4 18.6#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW

