

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122420\
 Data File : VW017745.D
 Acq On : 24 Dec 2020 18:45
 Operator : SY/VA
 Sample : VIBLK23
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 25 07:49:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 25 07:46:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	363930	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	324444	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	155364	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	127870	22.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.84%
7) Chloroethane-d5	2.89	69	108562	23.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.44%
10) 1,1-Dichloroethene-d2	4.02	63	172535	17.59	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.36%
20) 2-Butanone-d5	7.08	46	49912	54.69	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.38%
24) Chloroform-d	7.65	84	225294	23.69	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.76%
26) 1,2-Dichloroethane-d4	8.31	65	131880	26.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.16%
29) Benzene-d6	8.27	84	464771	25.43	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.72%
33) 1,2-Dichloropropane-d6	9.27	67	130580	25.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.68%
37) Toluene-d8	10.32	98	437654	24.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.72%
38) trans-1,3-Dichloropropene-	10.58	79	55532	24.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.92%
39) 2-Hexanone-d5	10.93	63	35370	55.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.82%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	97936	26.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.76%
61) 1,2-Dichlorobenzene-d4	13.85	152	140759	26.02	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.08%

Target Compounds

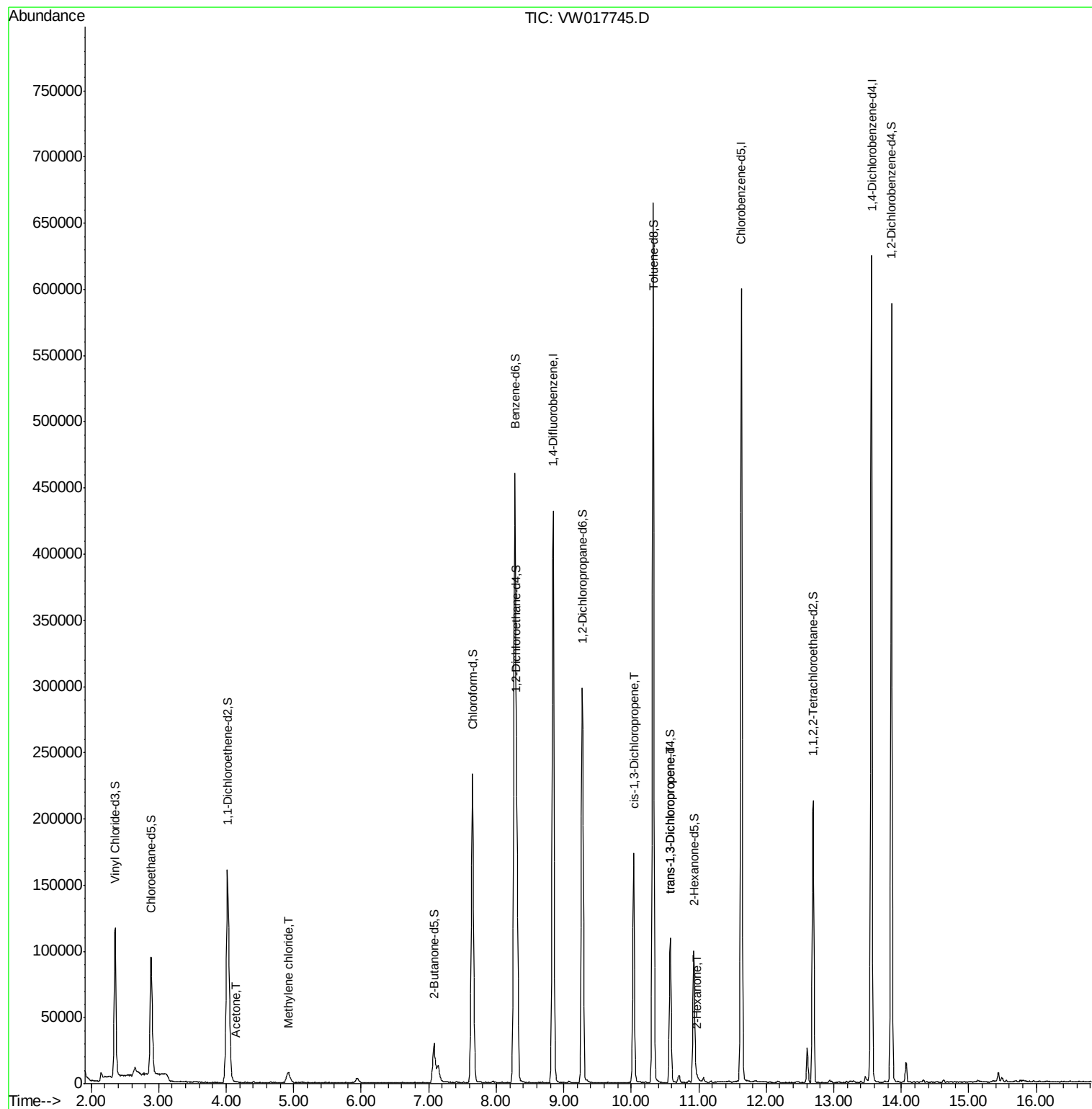
					Ovalue
13) Acetone	4.15	43	385	0.489 ug/L	92
16) Methylene chloride	4.93	84	6573	1.263 ug/L	93
42) cis-1,3-Dichloropropene	10.04	75	5222	0.747 ug/L #	65
45) trans-1,3-Dichloropropene	10.58	75	3427	0.576 ug/L #	83
49) 2-Hexanone	10.98	43	832	0.551 ug/L #	61

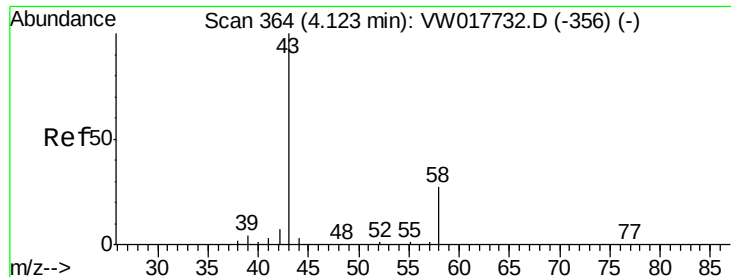
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 25 07:46:43 2020
Response via : Initial Calibration





#13

Acetone

Concen: 0.489 ug/L

RT: 4.15 min Scan# 369

Delta R.T. 0.03 min

Lab File: VW017745.D

Acq: 24 Dec 2020 18:45

Instrument :

MSVOA_W

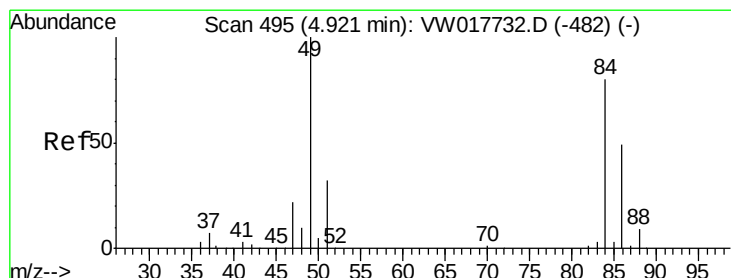
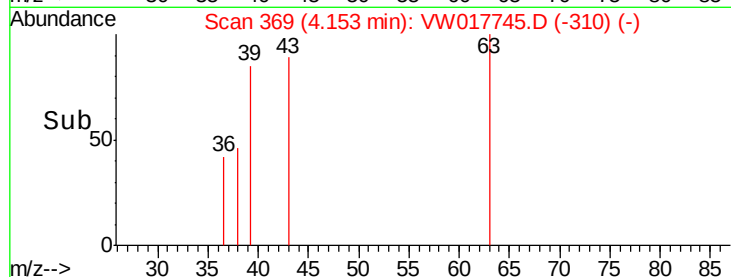
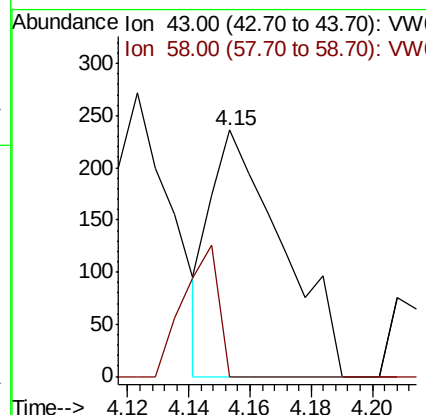
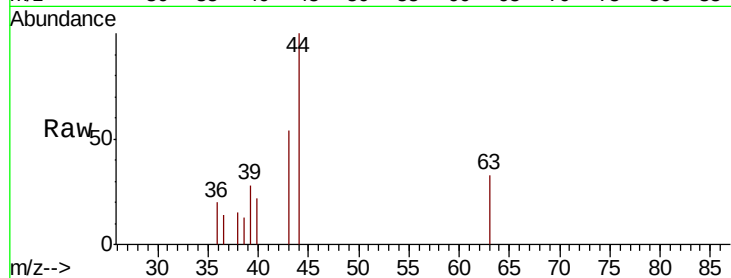
ClientSampled :

Tot Ion: 43 Resp: 385

Ion Ratio Lower Upper

43 100

58 26.2 0.0 60.8



#16

Methylene chloride

Concen: 1.263 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW017745.D

Acq: 24 Dec 2020 18:45

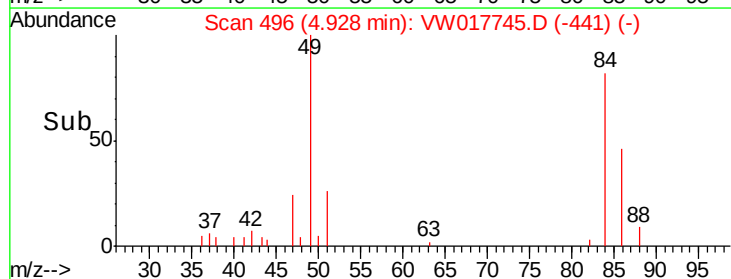
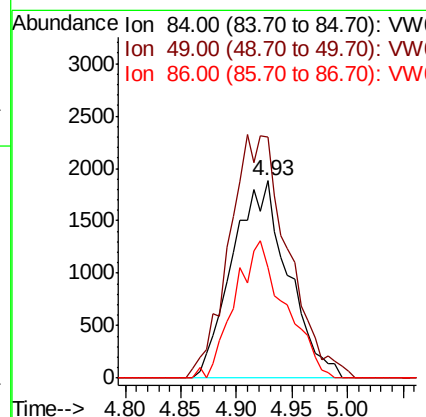
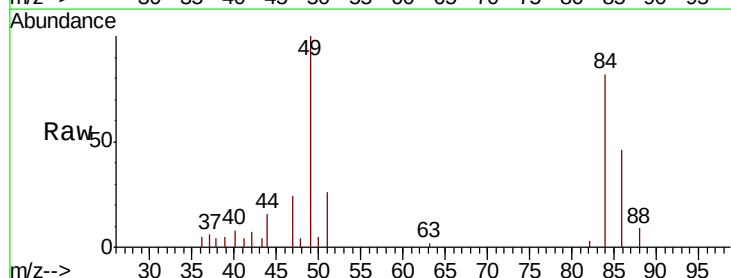
Tgt Ion: 84 Resp: 6573

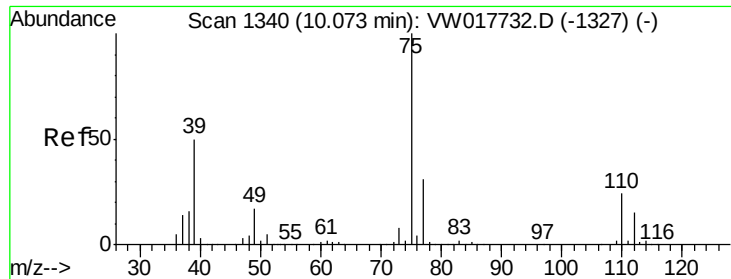
Ion Ratio Lower Upper

84 100

49 122.2 90.5 168.1

86 56.1 44.8 83.2





#42

cis-1,3-Dichloropropene

Concen: 0.747 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW017745.D

Acq: 24 Dec 2020 18:45

Instrument :

MSVOA_W

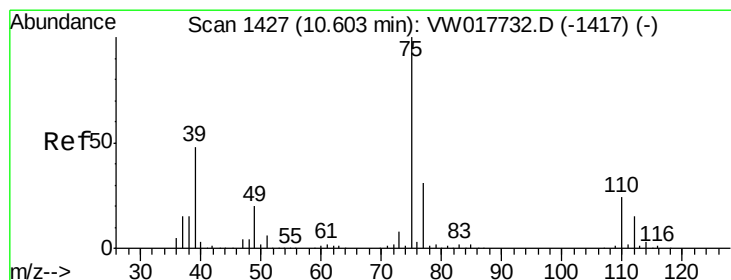
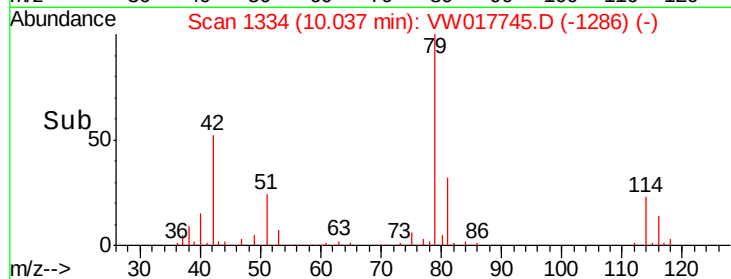
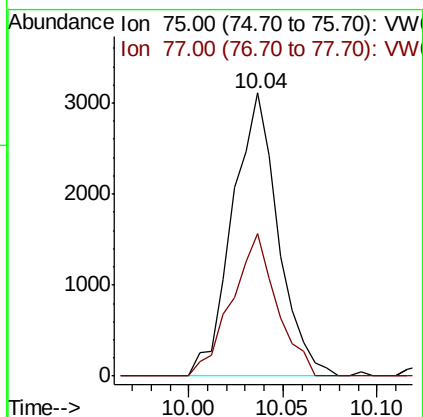
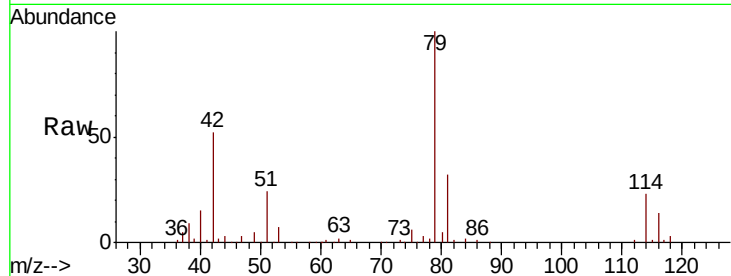
ClientSampleId :

Tot Ion: 75 Resp: 5222

Ion Ratio Lower Upper

75 100

77 50.4 21.6 40.2#



#45

trans-1,3-Dichloropropene

Concen: 0.576 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW017745.D

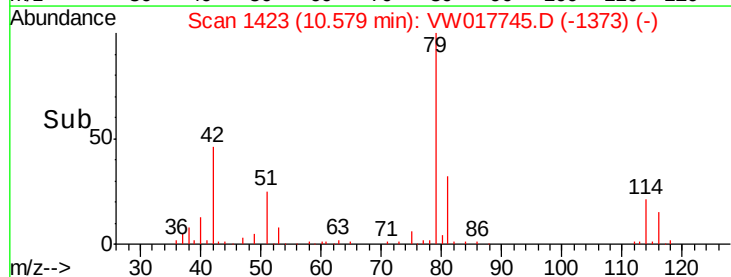
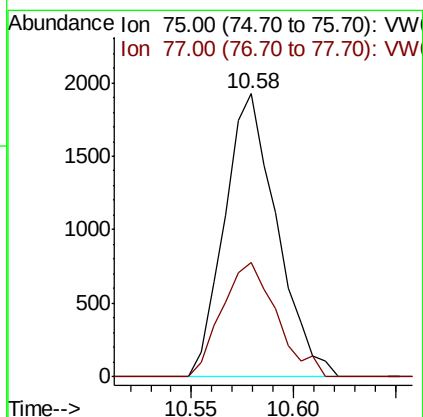
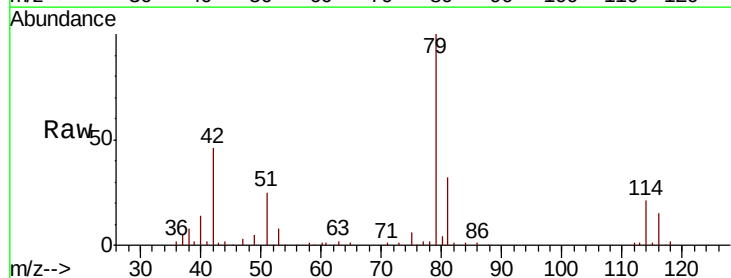
Acq: 24 Dec 2020 18:45

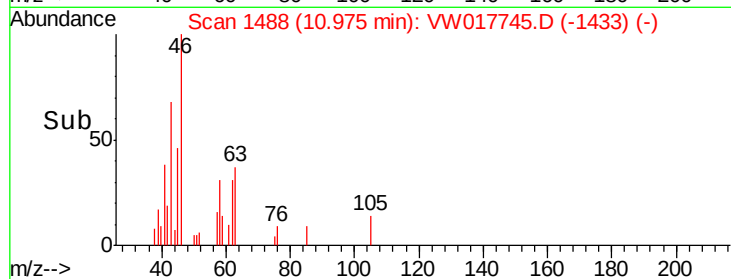
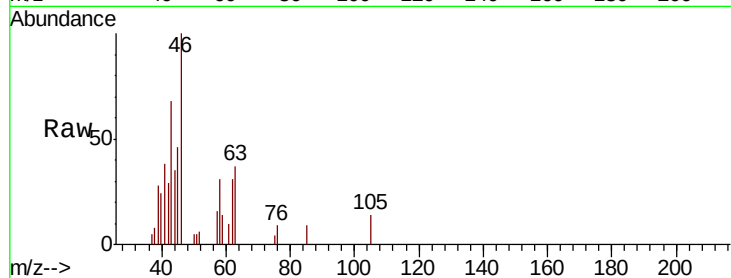
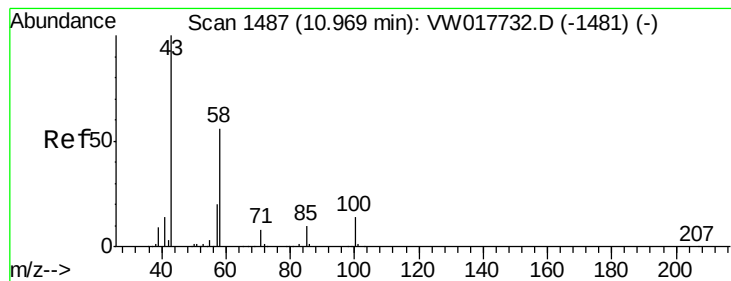
Tgt Ion: 75 Resp: 3427

Ion Ratio Lower Upper

75 100

77 40.4 21.6 40.0#





#49

2-Hexanone

Concen: 0.551 ug/L

RT: 10.98 min Scan# 1488

Delta R.T. 0.01 min

Lab File: VW017745.D

Acq: 24 Dec 2020 18:45

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 43 Resp: 832

Ion Ratio Lower Upper

43 100

58 19.7 44.2 66.4#

57 9.9 16.1 24.1#

100 4.3 11.0 16.4#

