

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120720\
 Data File : VW017583.D
 Acq On : 07 Dec 2020 16:53
 Operator : SY/VA
 Sample : L4955-14
 Misc : 5.13G/10ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4K7

Quant Time: Dec 08 06:48:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 08 06:44:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	337855	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	293622	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	105319	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	81485	18.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.24%
7) Chloroethane-d5	2.89	69	75082	19.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.84%
10) 1,1-Dichloroethene-d2	4.03	63	139607	13.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.60%
20) 2-Butanone-d5	7.08	46	61126	62.72	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.44%
24) Chloroform-d	7.65	84	227963	23.19	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.76%
26) 1,2-Dichloroethane-d4	8.31	65	126321	25.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.68%
29) Benzene-d6	8.28	84	418703	22.78	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.12%
33) 1,2-Dichloropropane-d6	9.27	67	128895	25.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.32%
37) Toluene-d8	10.32	98	361392	21.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.76%
38) trans-1,3-Dichloropropene-	10.58	79	50565	22.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.68%
39) 2-Hexanone-d5	10.93	63	38478	59.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.42%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	102833	27.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.80%
61) 1,2-Dichlorobenzene-d4	13.86	152	86613	21.79	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.16%

Target Compounds

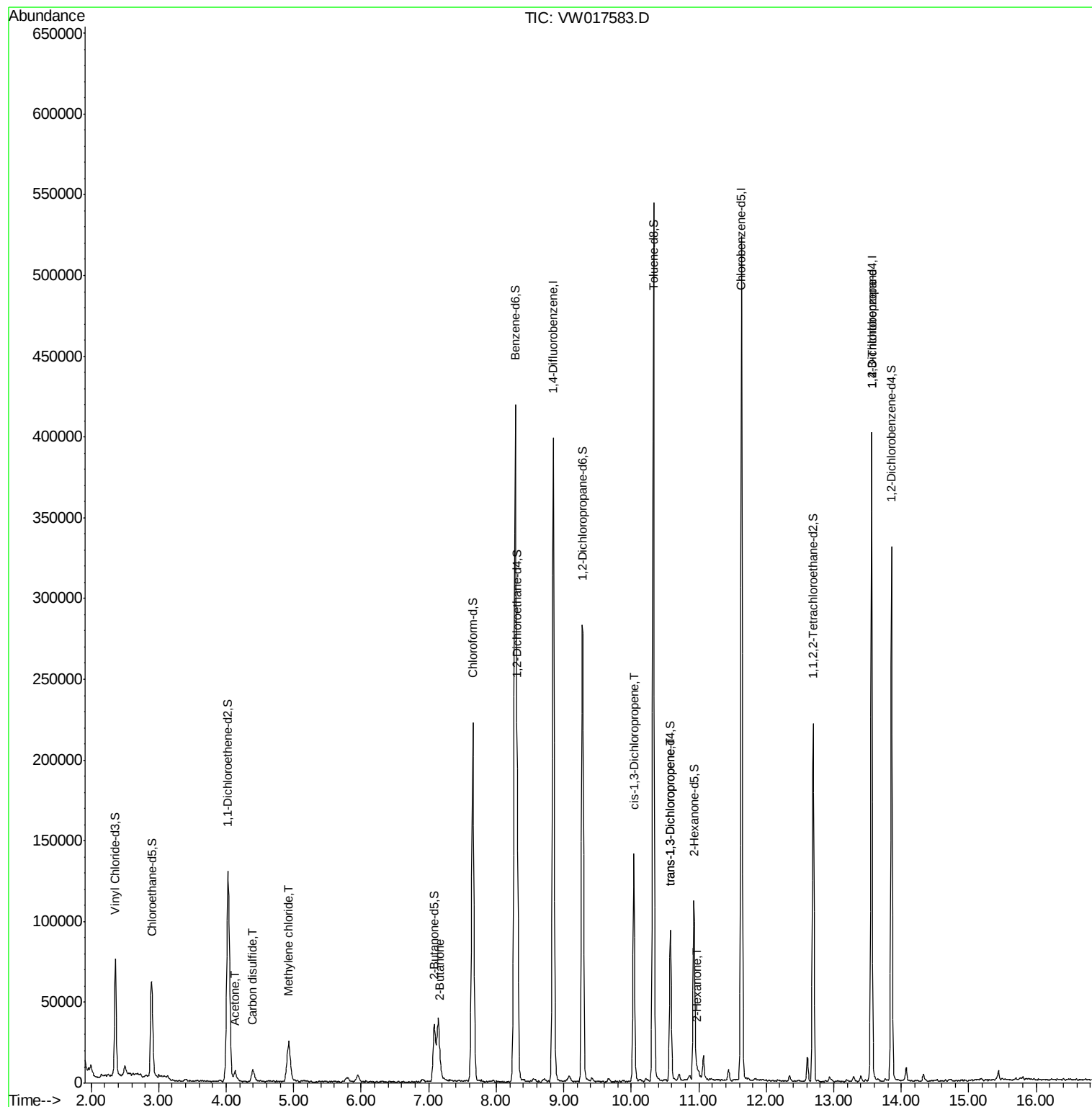
					Ovalue
13) Acetone	4.14	43	10663	11.238	ug/L 74
14) Carbon disulfide	4.39	76	14121	1.055	ug/L 98
16) Methylene chloride	4.93	84	21589	4.238	ug/L 91
21) 2-Butanone	7.17	43	956	0.850	ug/L 85
42) cis-1,3-Dichloropropene	10.04	75	4133	0.635	ug/L # 79
45) trans-1,3-Dichloropropene	10.58	75	2720	0.485	ug/L 86
49) 2-Hexanone	10.98	43	1113	0.779	ug/L # 61
59) 1,2,3-Trichloropropane	13.56	75	11850	4.691	ug/L 97

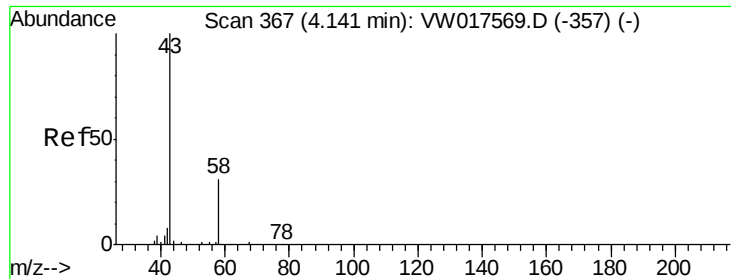
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 11.238 ug/L

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW017583.D

Acq: 07 Dec 2020 16:53

Instrument :

MSVOA_W

ClientSampleId :

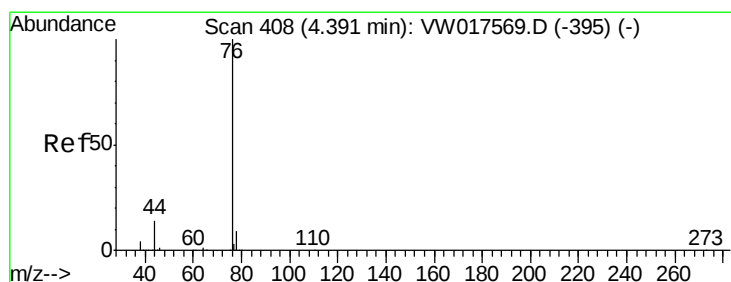
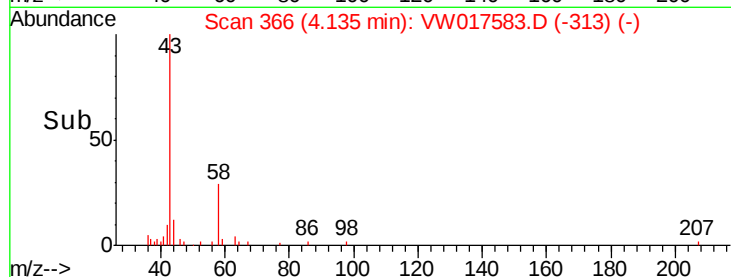
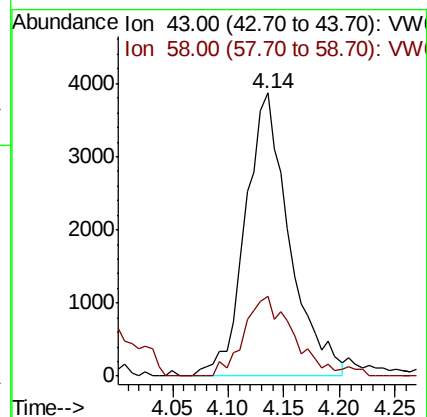
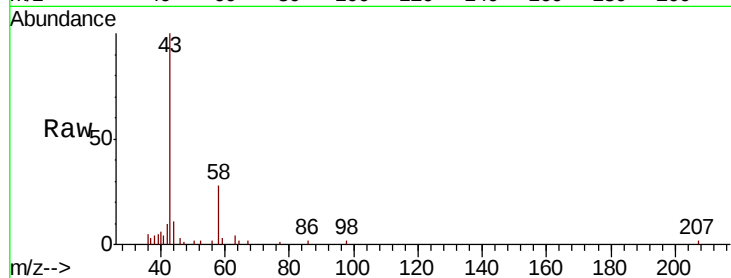
BG4K7

Tot Ion: 43 Resp: 10663

Ion Ratio Lower Upper

43 100

58 19.1 0.0 68.4



#14

Carbon disulfide

Concen: 1.055 ug/L

RT: 4.39 min Scan# 408

Delta R.T. 0.00 min

Lab File: VW017583.D

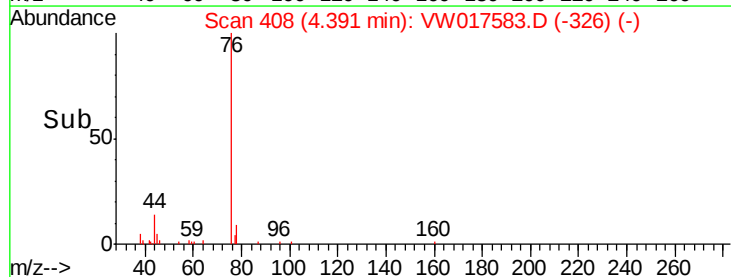
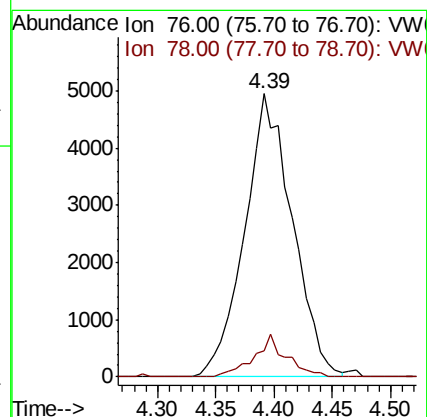
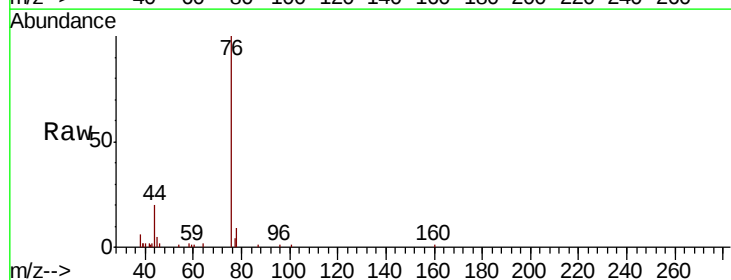
Acq: 07 Dec 2020 16:53

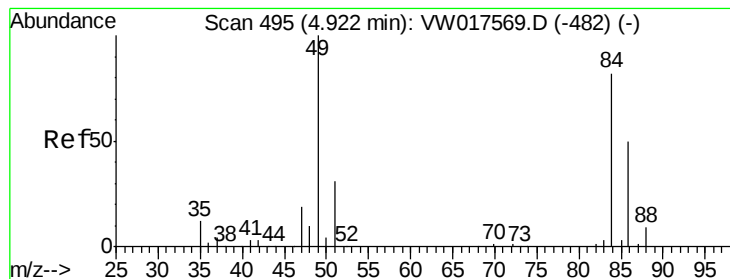
Tgt Ion: 76 Resp: 14121

Ion Ratio Lower Upper

76 100

78 9.4 7.0 10.4





#16

Methylene chloride

Concen: 4.238 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW017583.D

Acq: 07 Dec 2020 16:53

Instrument :

MSVOA_W

ClientSampleId :

BG4K7

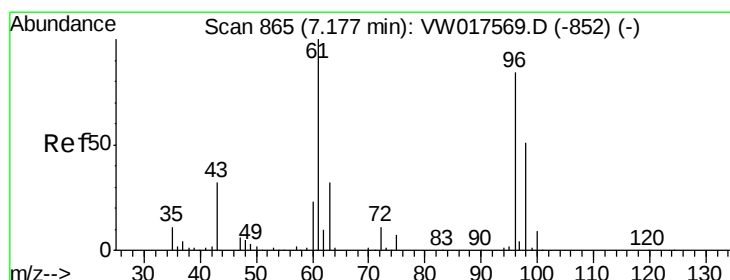
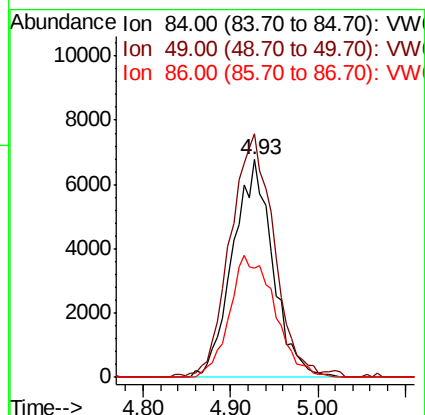
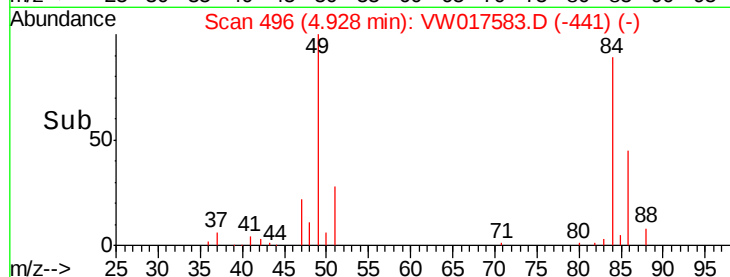
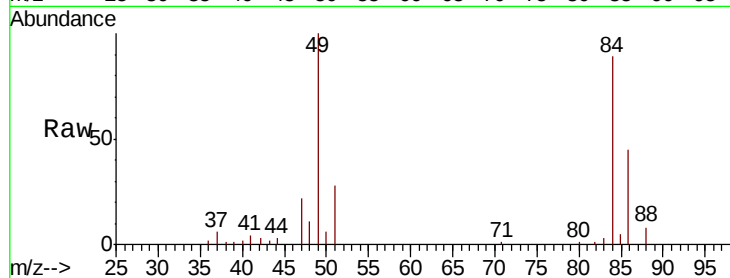
Tot Ion: 84 Resp: 21589

Ion Ratio Lower Upper

84 100

49 111.8 81.2 150.8

86 49.9 44.5 82.7



#21

2-Butanone

Concen: 0.850 ug/L

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW017583.D

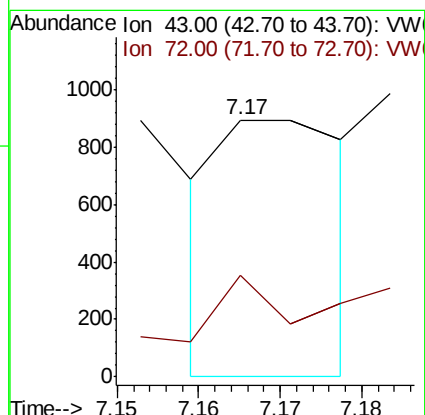
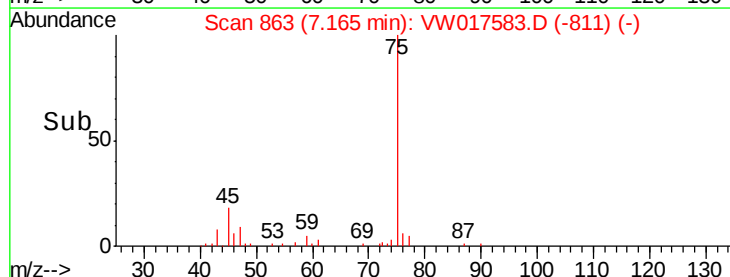
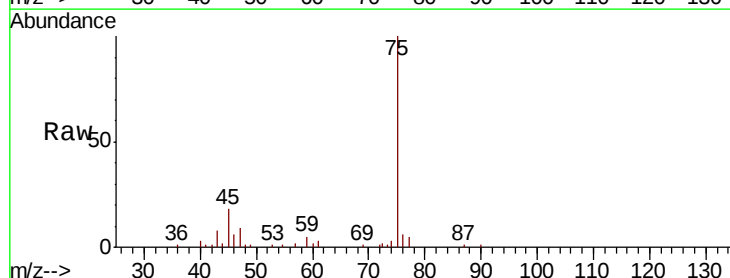
Acq: 07 Dec 2020 16:53

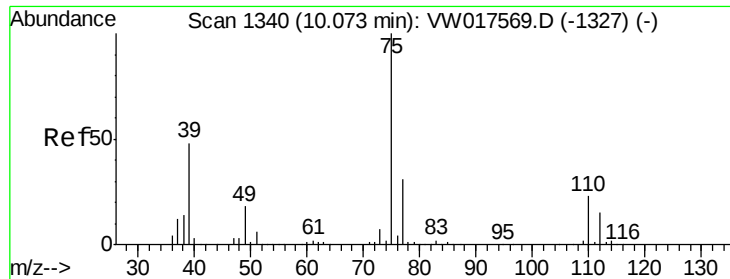
Tgt Ion: 43 Resp: 956

Ion Ratio Lower Upper

43 100

72 20.6 14.4 43.2





#42

cis-1,3-Dichloropropene

Concen: 0.635 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.03 min

Lab File: VW017583.D

Acq: 07 Dec 2020 16:53

Instrument :

MSVOA_W

ClientSampled :

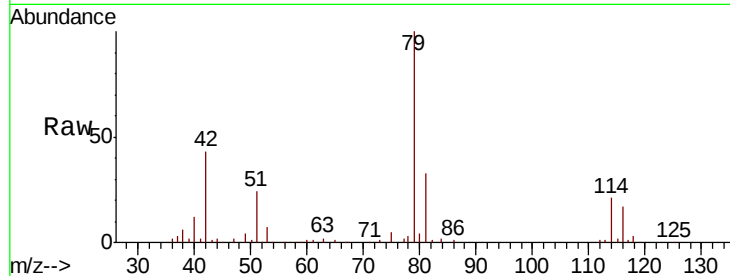
BG4K7

Tot Ion: 75 Resp: 4133

Ion Ratio Lower Upper

75 100

77 44.5 22.7 42.3#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

10.04

1500

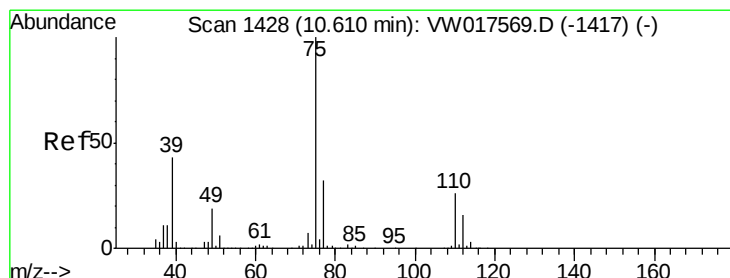
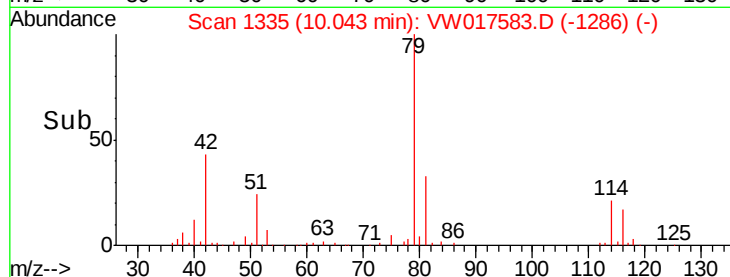
1000

500

0

10.00 10.05 10.10

Time-->



#45

trans-1,3-Dichloropropene

Concen: 0.485 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017583.D

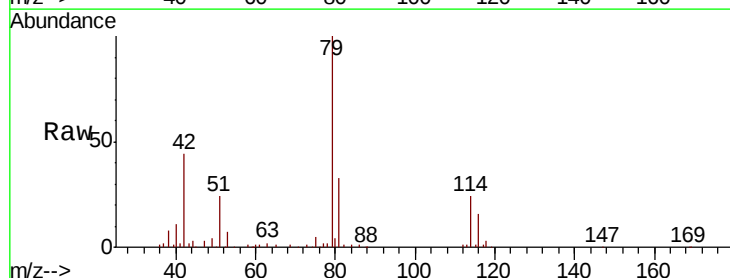
Acq: 07 Dec 2020 16:53

Tgt Ion: 75 Resp: 2720

Ion Ratio Lower Upper

75 100

77 40.2 22.6 42.0



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

10.58

1500

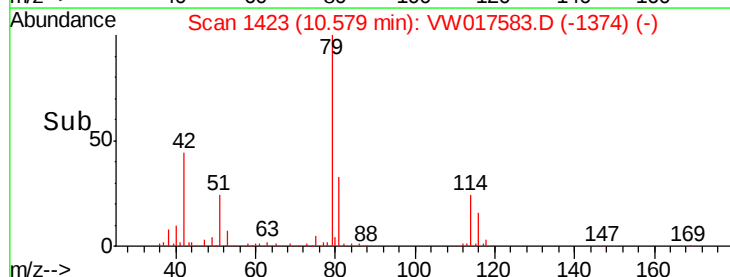
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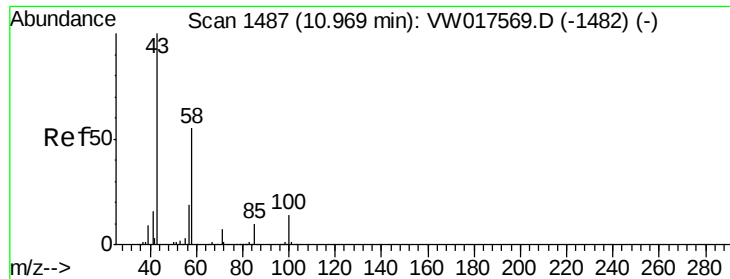
500

0

10.55 10.60

Time-->





#49

2-Hexanone

Concen: 0.779 ug/L

RT: 10.98 min Scan# 1489

Delta R.T. 0.01 min

Lab File: VW017583.D

Acq: 07 Dec 2020 16:53

Instrument :

MSVOA_W

ClientSampleId :

BG4K7

Tot Ion: 43 Resp: 1113

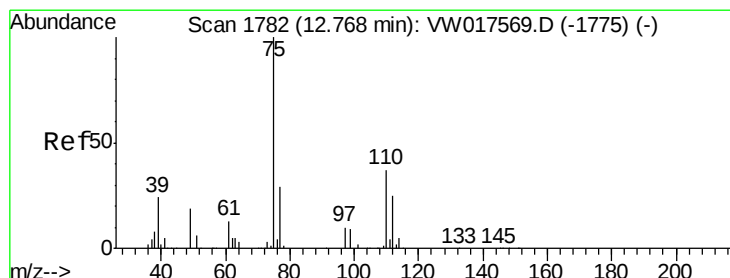
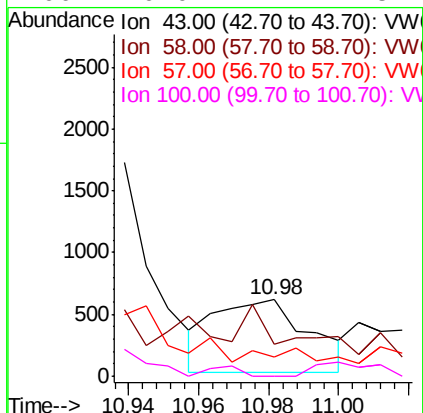
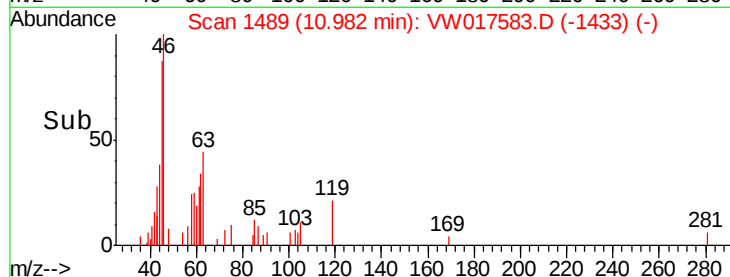
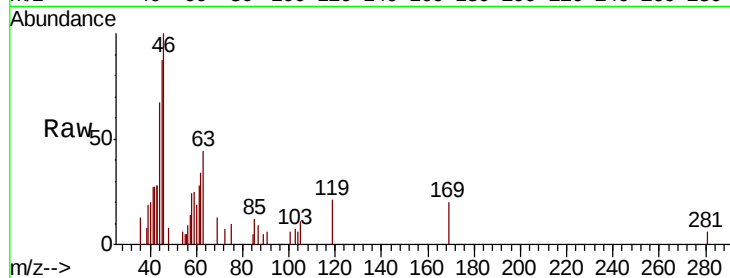
Ion Ratio Lower Upper

43 100

58 27.6 51.3 76.9#

57 26.4 15.0 22.6#

100 0.0 12.2 18.2#



#59

1,2,3-Trichloropropane

Concen: 4.691 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017583.D

Acq: 07 Dec 2020 16:53

Tgt Ion: 75 Resp: 11850

Ion Ratio Lower Upper

75 100

77 35.2 26.6 39.8

