

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111720\
 Data File : VW017309.D
 Acq On : 18 Nov 2020 01:06
 Operator : SY/VA
 Sample : L4738-15
 Misc : 6.09G/10ML/MSVOA W/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GB0Y2

Quant Time: Nov 18 04:53:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 18 04:50:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	413837	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	397396	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	165468	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	83524	16.02	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.08%
7) Chloroethane-d5	2.89	69	76593	19.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.28%
10) 1,1-Dichloroethene-d2	4.02	63	124144	13.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.28%
20) 2-Butanone-d5	7.07	46	64239	55.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.22%
24) Chloroform-d	7.65	84	216055	22.36	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.44%
26) 1,2-Dichloroethane-d4	8.31	65	121899	25.38	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.52%
29) Benzene-d6	8.27	84	407682	20.15	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.60%
33) 1,2-Dichloropropane-d6	9.27	67	123018	21.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.92%
37) Toluene-d8	10.32	98	393635	20.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.52%
38) trans-1,3-Dichloropropene-	10.58	79	52412	20.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.08%
39) 2-Hexanone-d5	10.93	63	53140	54.40	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.80%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	128522	26.36	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.44%
61) 1,2-Dichlorobenzene-d4	13.85	152	139392	23.91	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.64%

Target Compounds

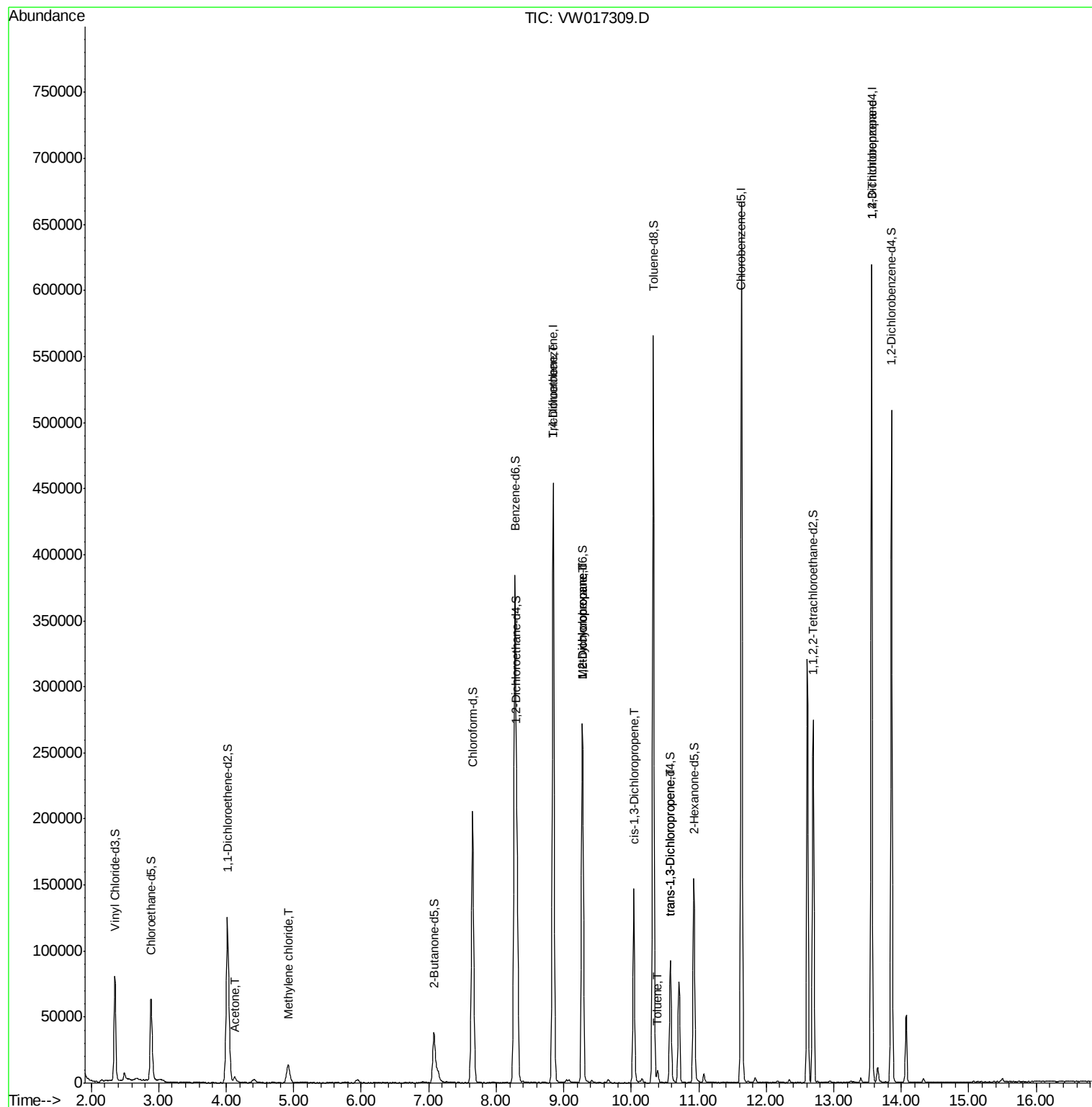
					Ovalue
13) Acetone	4.14	43	7657	9.810	ug/L 100
16) Methylene chloride	4.92	84	11885	2.130	ug/L 94
35) Trichloroethene	8.85	95	12057	2.063	ug/L # 2
36) Methylcyclohexane	9.27	83	32695	3.476	ug/L # 22
40) 1,2-Dichloropropane	9.27	63	14484	2.969	ug/L # 86
42) cis-1,3-Dichloropropene	10.03	75	3891	0.504	ug/L 85
44) Toluene	10.39	91	6681	0.291	ug/L 100
45) trans-1,3-Dichloropropene	10.58	75	2486	0.375	ug/L # 81
59) 1,2,3-Trichloropropane	13.56	75	17924	5.133	ug/L 92

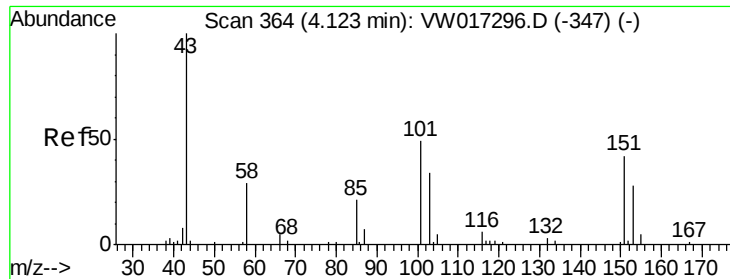
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW11720\
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Quant Title : VOC Analysis
QLast Update : Wed Nov 18 04:50:20 2020
Response via : Initial Calibration





#13

Acetone

Concen: 9.810 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW017309.D

Acq: 18 Nov 2020 01:06

Instrument :

MSVOA_W

ClientSampleId :

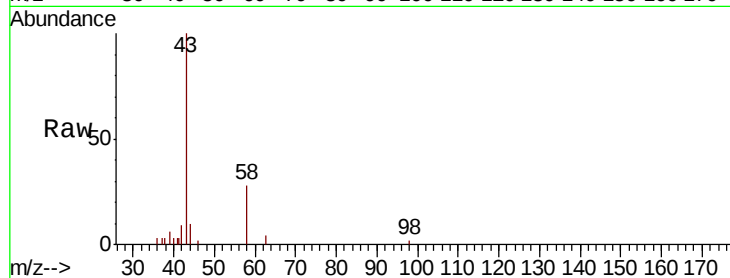
GB0Y2

Tot Ion: 43 Resp: 7657

Ion Ratio Lower Upper

43 100

58 34.6 0.0 69.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

3000

2500

2000

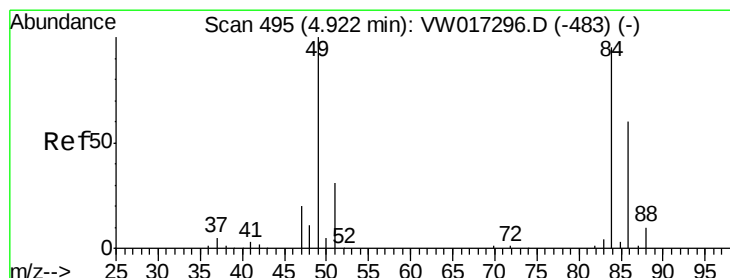
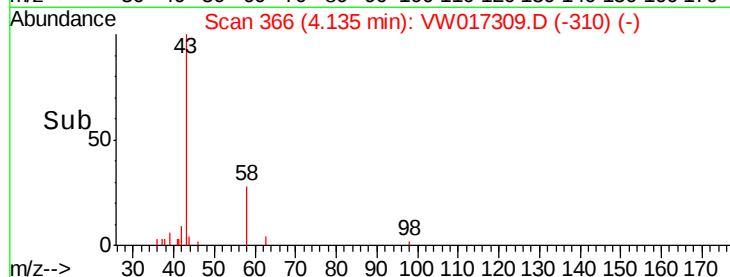
1500

1000

500

0

Time-->



#16

Methylene chloride

Concen: 2.130 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW017309.D

Acq: 18 Nov 2020 01:06

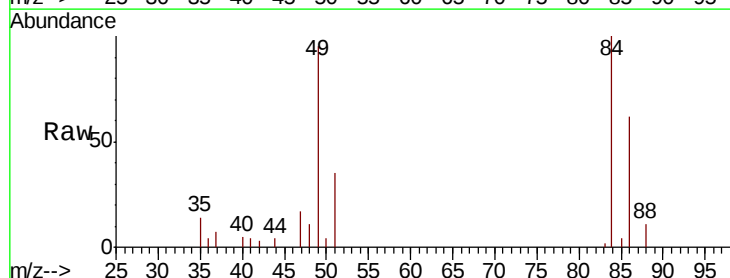
Tgt Ion: 84 Resp: 11885

Ion Ratio Lower Upper

84 100

49 95.1 72.3 134.3

86 61.7 45.1 83.7



Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW

6000

5000

4000

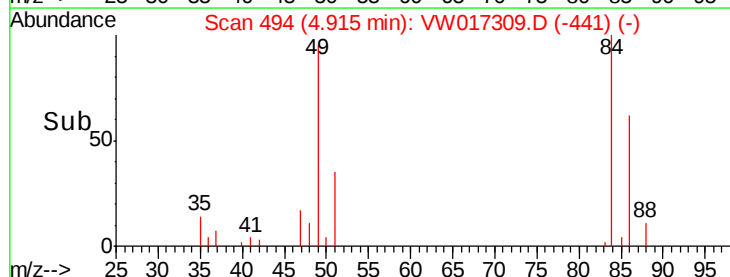
3000

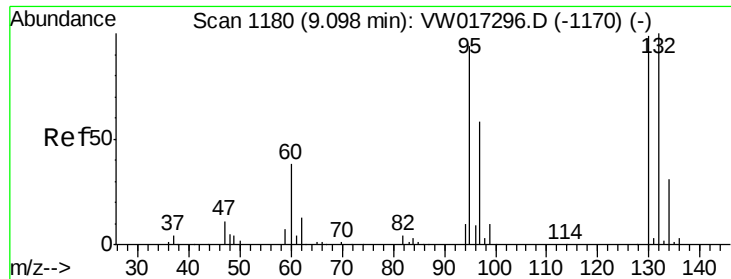
2000

1000

0

Time-->





#35

Trichloroethene

Concen: 2.063 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.25 min

Lab File: VW017309.D

Acq: 18 Nov 2020 01:06

Instrument :

MSVOA_W

ClientSampleId :

GB0Y2

Tot Ion: 95 Resp: 12057

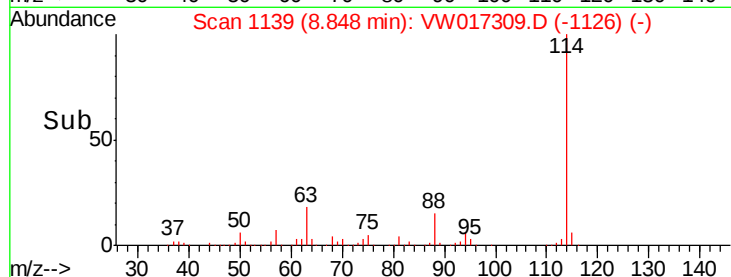
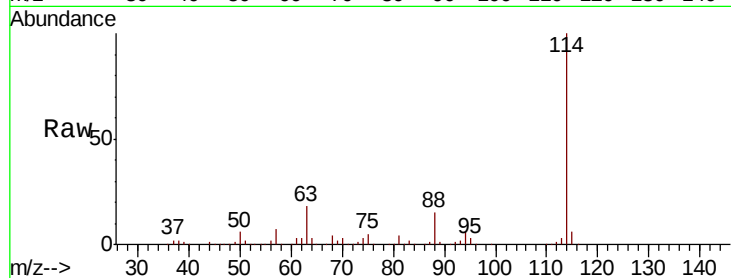
Ion Ratio Lower Upper

95 100

97 0.0 45.0 83.6#

132 0.7 73.7 136.9#

130 0.0 77.1 143.1#

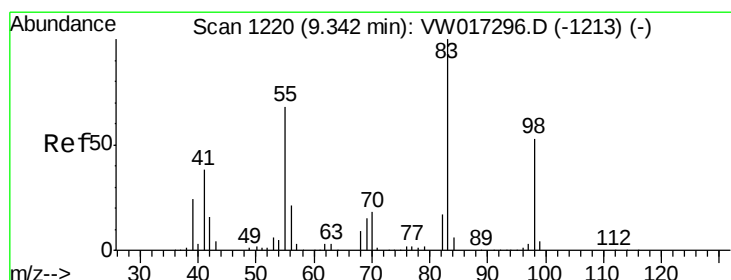
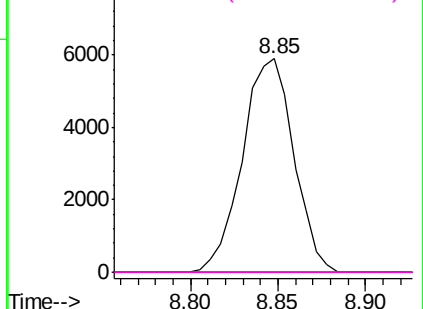


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#36

Methylcyclohexane

Concen: 3.476 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.07 min

Lab File: VW017309.D

Acq: 18 Nov 2020 01:06

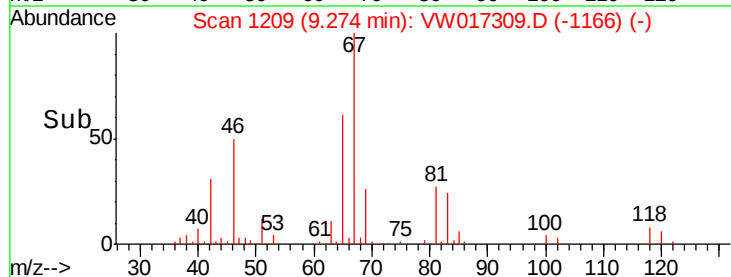
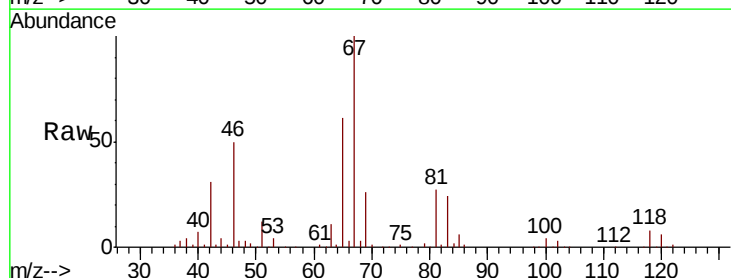
Tgt Ion: 83 Resp: 32695

Ion Ratio Lower Upper

83 100

55 0.7 54.4 81.6#

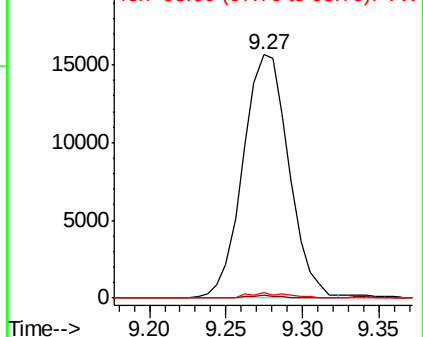
98 1.1 40.5 60.7#

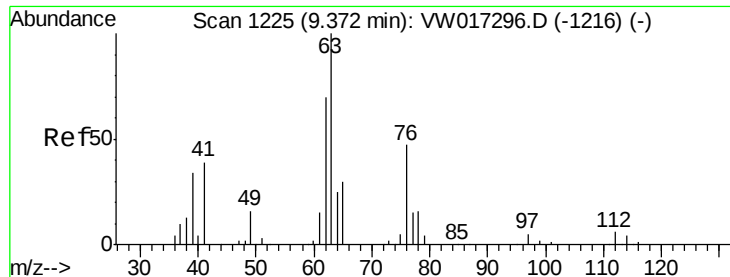


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#40

1,2-Dichloropropane

Concen: 2.969 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW017309.D

Acq: 18 Nov 2020 01:06

Instrument :

MSVOA_W

ClientSampleId :

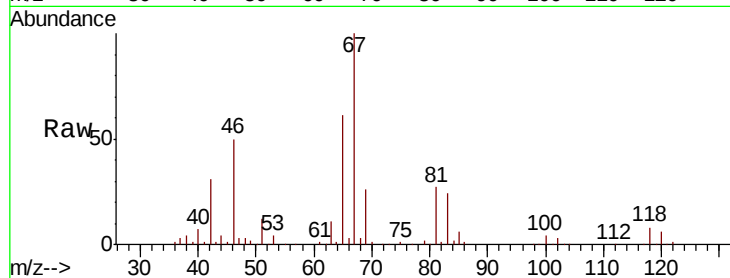
GB0Y2

Tot Ion: 63 Resp: 14484

Ion Ratio Lower Upper

63 100

112 0.5 4.2 6.2#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): VW

8000

6000

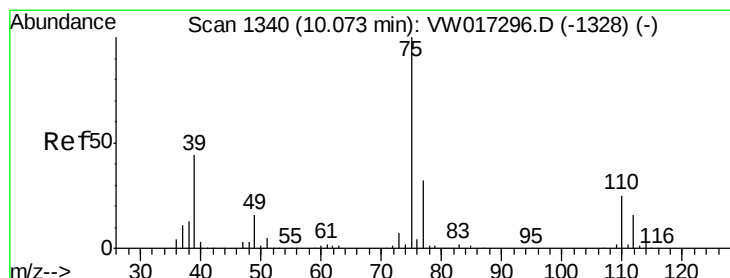
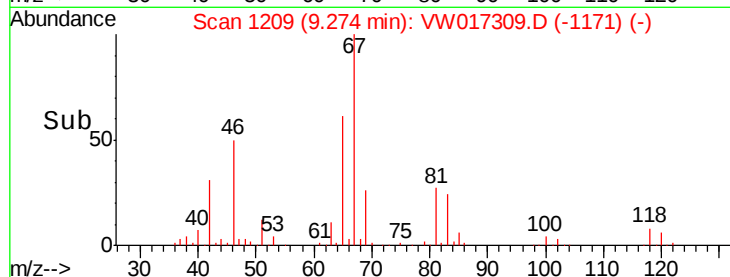
4000

2000

0

9.20 9.25 9.30 9.35

Time-->



#42

cis-1,3-Dichloropropene

Concen: 0.504 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW017309.D

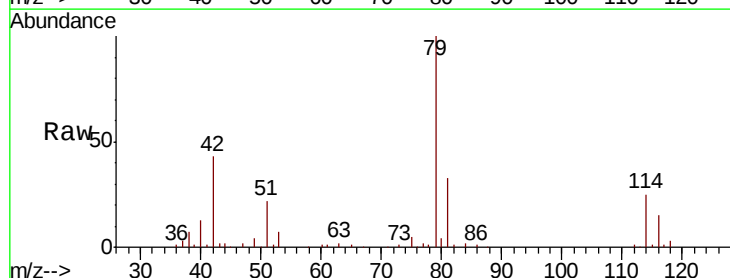
Acq: 18 Nov 2020 01:06

Tgt Ion: 75 Resp: 3891

Ion Ratio Lower Upper

75 100

77 40.0 22.0 41.0



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

2000

1500

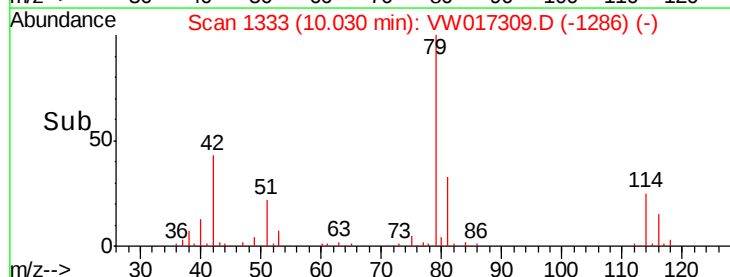
1000

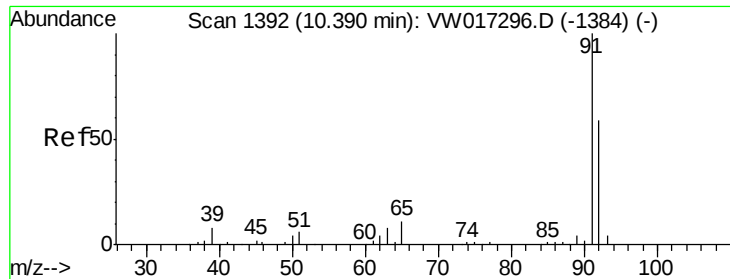
500

0

10.00 10.05 10.10

Time-->





#44

Toluene

Concen: 0.291 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW017309.D

Acq: 18 Nov 2020 01:06

Instrument :

MSVOA_W

ClientSampleId :

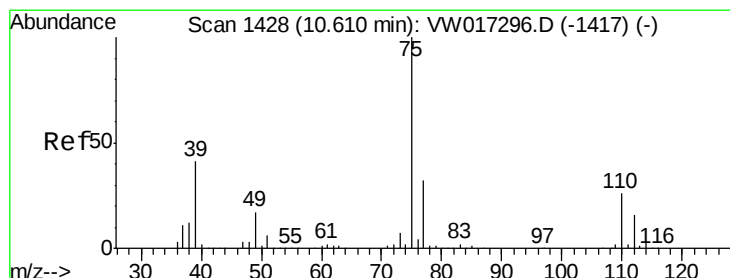
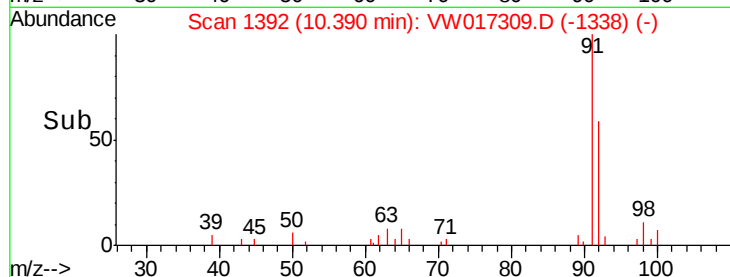
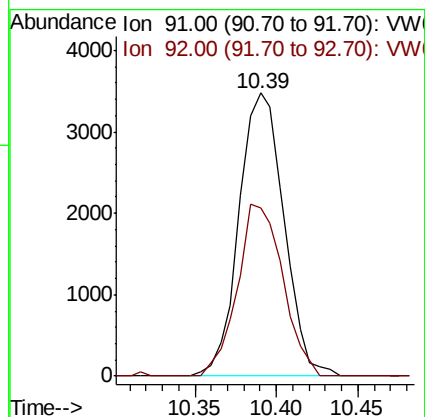
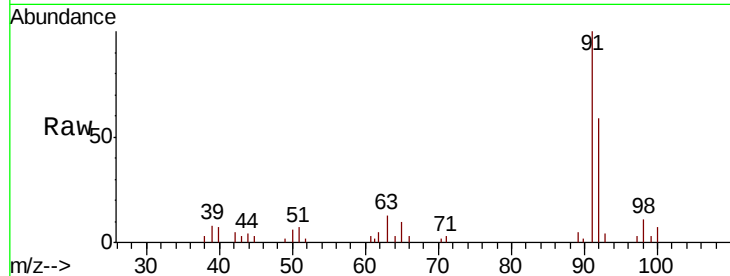
GB0Y2

Tot Ion: 91 Resp: 6681

Ion Ratio Lower Upper

91 100

92 59.3 41.4 76.8



#45

trans-1,3-Dichloropropene

Concen: 0.375 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017309.D

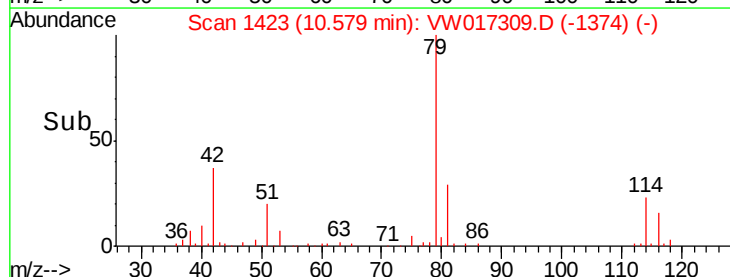
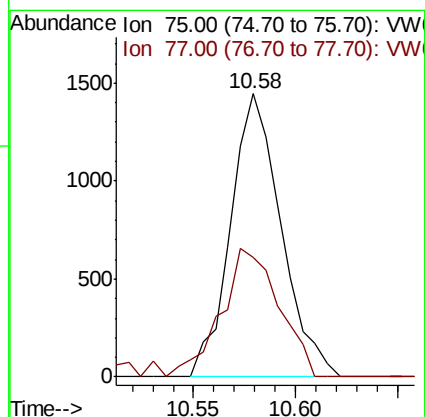
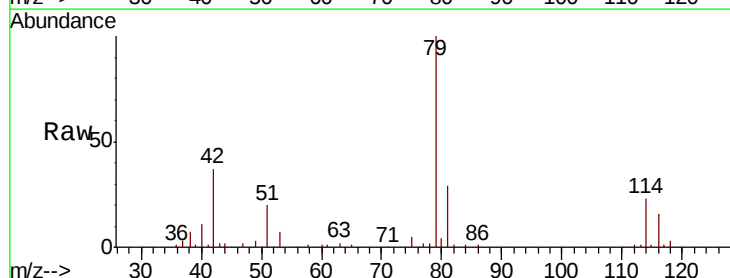
Acq: 18 Nov 2020 01:06

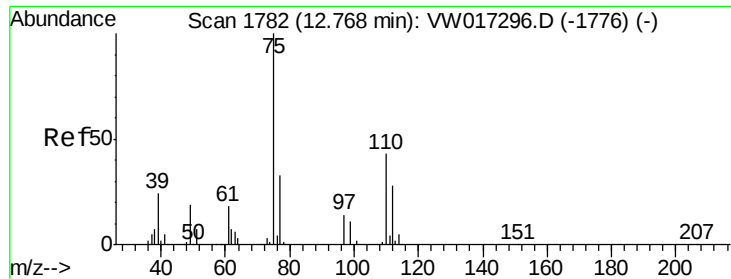
Tgt Ion: 75 Resp: 2486

Ion Ratio Lower Upper

75 100

77 42.2 22.1 41.1#





#59

1,2,3-Trichloropropane

Concen: 5.133 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017309.D

Acq: 18 Nov 2020 01:06

Instrument :

MSVOA_W

ClientSampleId :

GB0Y2

Tot Ion: 75 Resp: 17924

Ion Ratio Lower Upper

75 100

77 37.6 26.4 39.6

