

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011121\
 Data File : VW017817.D
 Acq On : 11 Jan 2021 14:28
 Operator : SY/VA
 Sample : M1074-05
 Misc : 5.43G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 12 05:26:23 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 12 05:24:59 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	335919	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	296945	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	140559	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	130510	25.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.44%
7) Chloroethane-d5	2.89	69	103399	24.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.40%
10) 1,1-Dichloroethene-d2	4.02	63	170987	18.88	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.52%
20) 2-Butanone-d5	7.08	46	34470	40.92	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.84%
24) Chloroform-d	7.65	84	205049	23.36	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.44%
26) 1,2-Dichloroethane-d4	8.31	65	108174	23.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.24%
29) Benzene-d6	8.27	84	416334	24.89	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.56%
33) 1,2-Dichloropropane-d6	9.27	67	115196	24.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.92%
37) Toluene-d8	10.32	98	388595	24.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.76%
38) trans-1,3-Dichloropropene-	10.58	79	45056	21.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.68%
39) 2-Hexanone-d5	10.93	63	24349	42.05	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.10%
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	69304	20.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.00%
61) 1,2-Dichlorobenzene-d4	13.85	152	106543	21.77	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.08%

Target Compounds

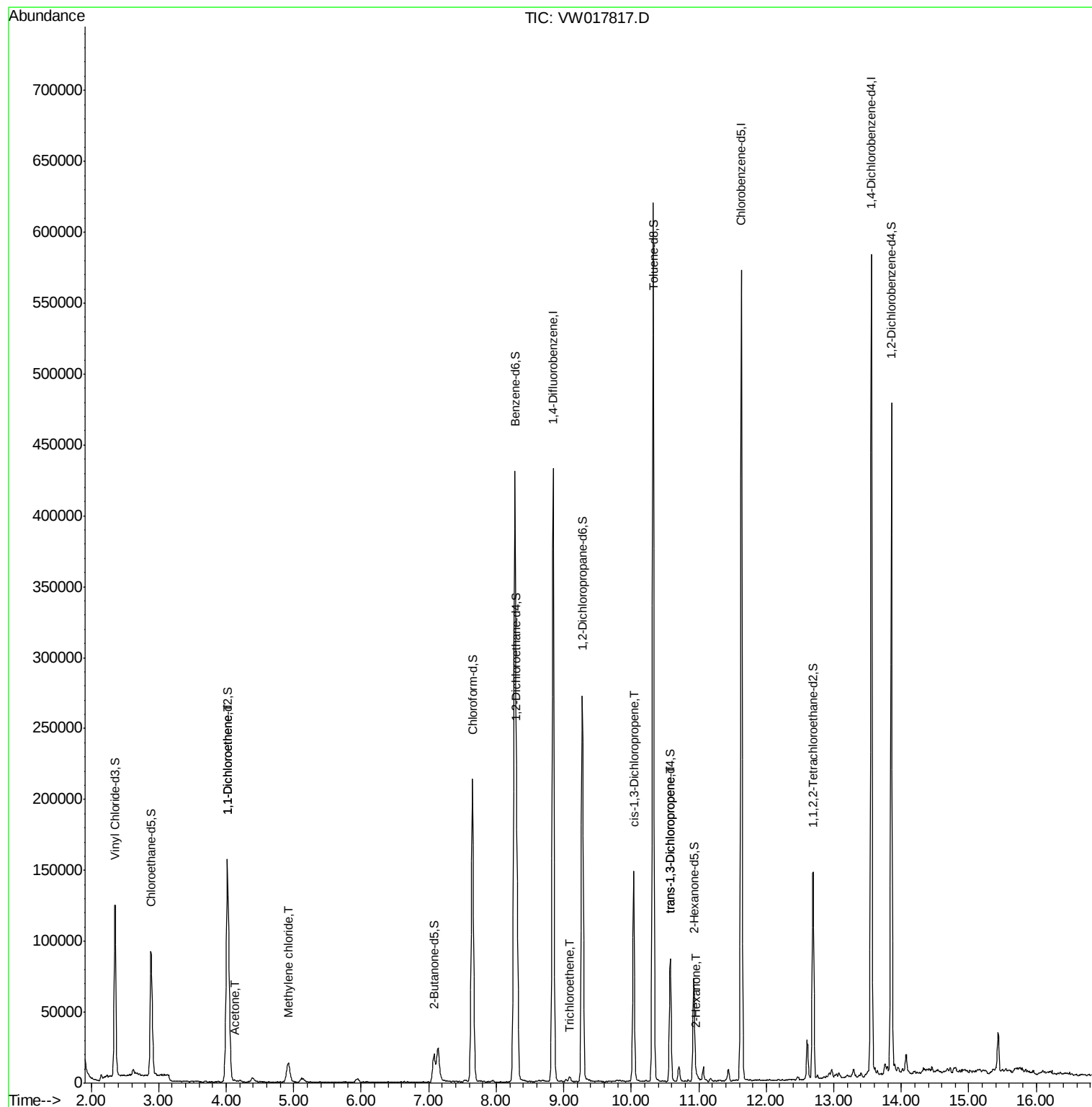
					Ovalue
12) 1,1-Dichloroethene	4.03	96	1231	0.297 ug/L #	1
13) Acetone	4.12	43	1029	1.415 ug/L	87
16) Methylene chloride	4.92	84	10856	2.260 ug/L	96
35) Trichloroethene	9.09	95	1052	0.224 ug/L	87
42) cis-1,3-Dichloropropene	10.03	75	4714	0.737 ug/L #	73
45) trans-1,3-Dichloropropene	10.58	75	2391	0.439 ug/L	93
49) 2-Hexanone	10.97	43	1323	0.958 ug/L #	53

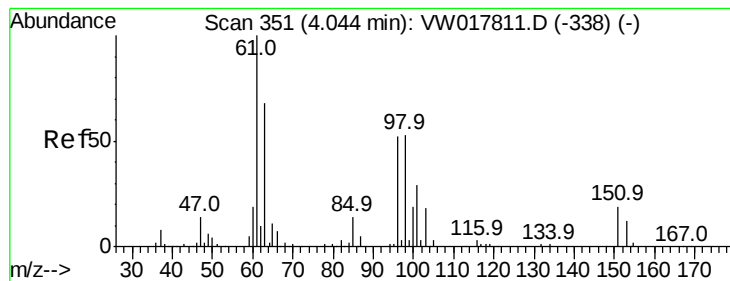
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Jan 12 05:24:59 2021
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.297 ug/L

RT: 4.03 min Scan# 348

Delta R.T. -0.02 min

Lab File: VW017817.D

Acq: 11 Jan 2021 14:28

Instrument :
MSVOA_W
ClientSampled :

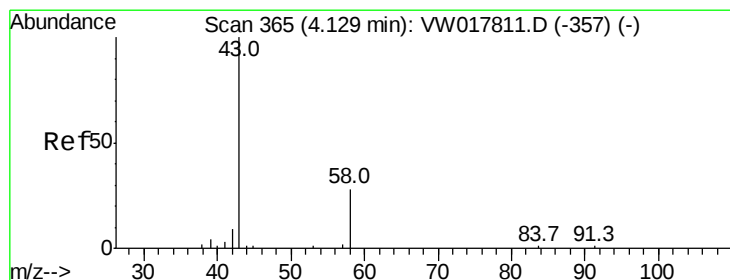
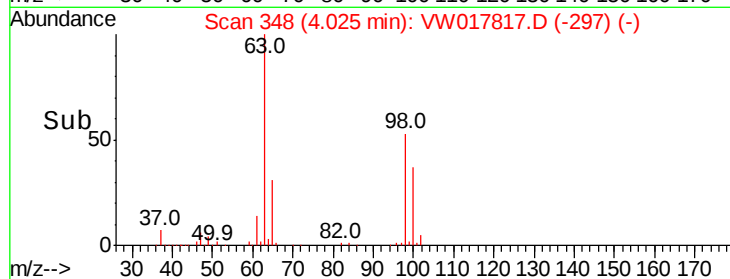
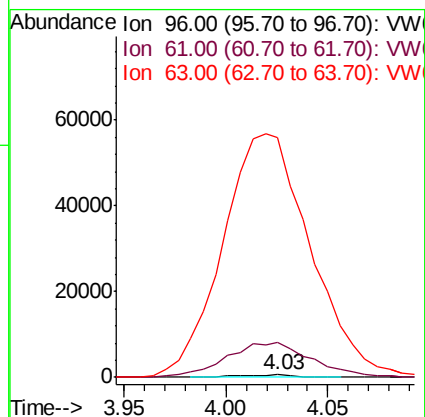
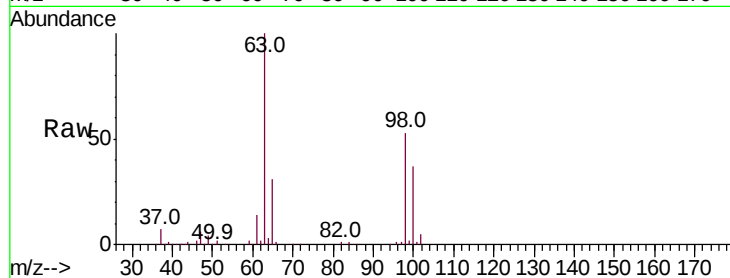
Tot Ion: 96 Resp: 1231

Ion Ratio Lower Upper

96 100

61 1384.3 126.1 234.1#

63 9608.3 90.0 167.2#



#13

Acetone

Concen: 1.415 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW017817.D

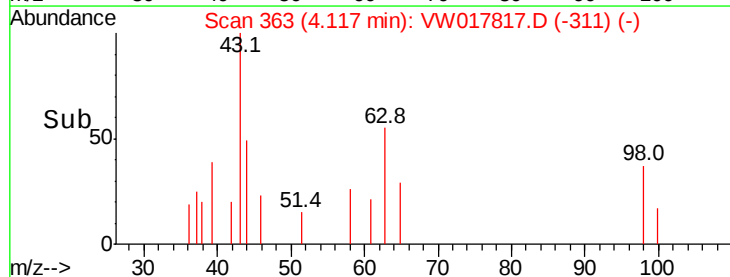
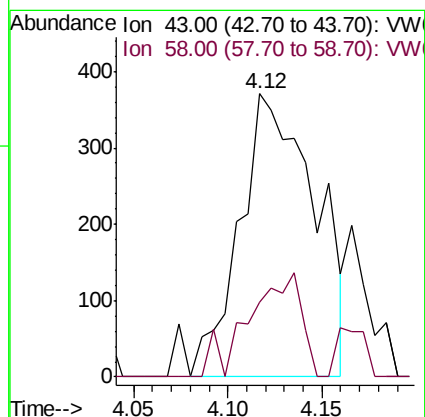
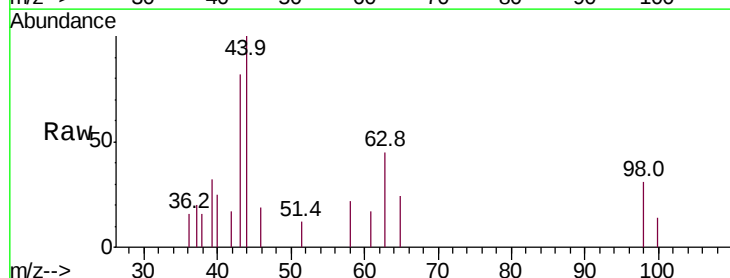
Acq: 11 Jan 2021 14:28

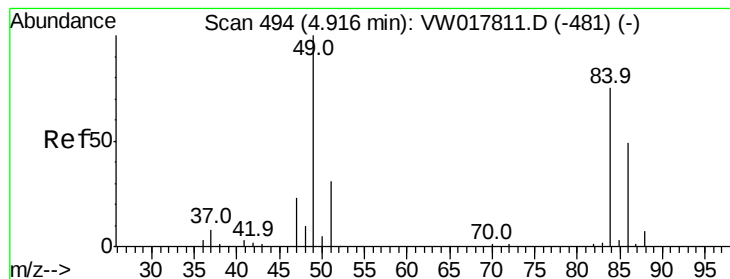
Tgt Ion: 43 Resp: 1029

Ion Ratio Lower Upper

43 100

58 23.5 0.0 60.8





#16

Methvlene chloride

Concen: 2.260 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW017817.D

Acq: 11 Jan 2021 14:28

Instrument :

MSVOA_W

ClientSampled :

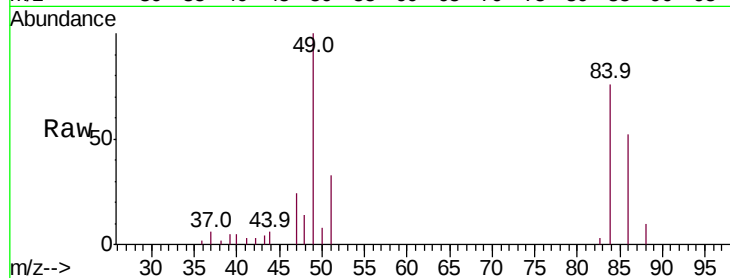
Tot Ion: 84 Resp: 10856

Ion Ratio Lower Upper

84 100

49 131.9 90.5 168.1

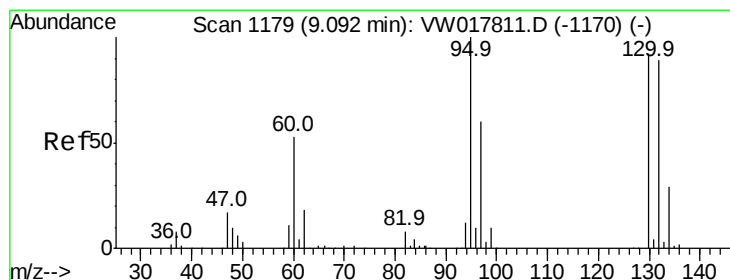
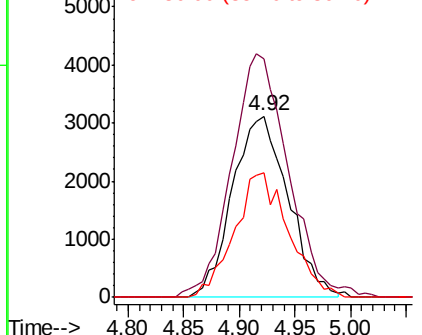
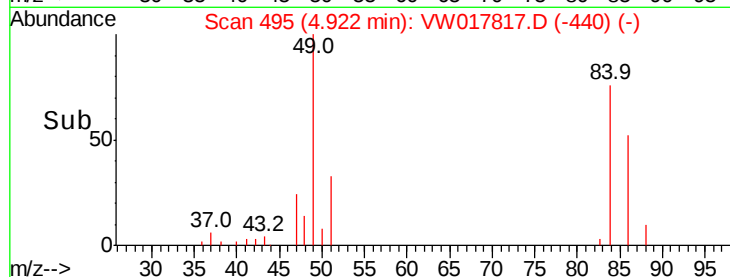
86 68.9 44.8 83.2



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



#35

Trichloroethene

Concen: 0.224 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW017817.D

Acq: 11 Jan 2021 14:28

Tgt Ion: 95 Resp: 1052

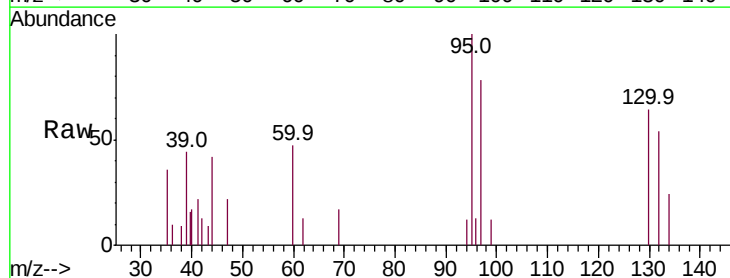
Ion Ratio Lower Upper

95 100

97 69.4 46.8 87.0

132 85.1 68.3 126.9

130 83.6 71.8 133.4

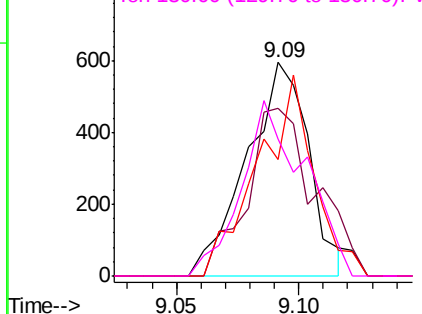
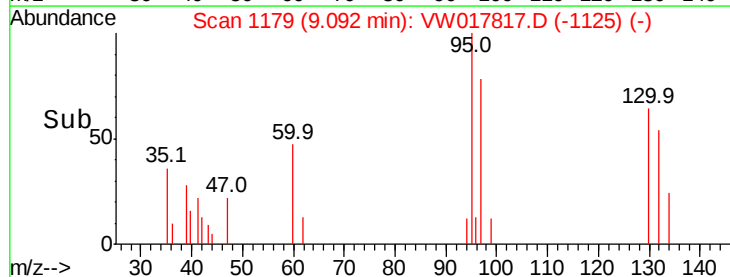


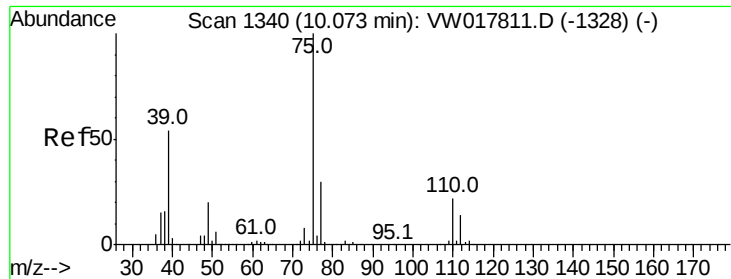
Abundance Ion 95.00 (94.70 to 95.70): VW

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





#42

cis-1,3-Dichloropropene

Concen: 0.737 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW017817.D

Acq: 11 Jan 2021 14:28

Instrument :

MSVOA_W

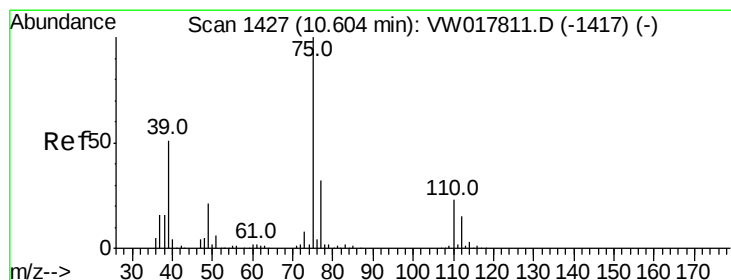
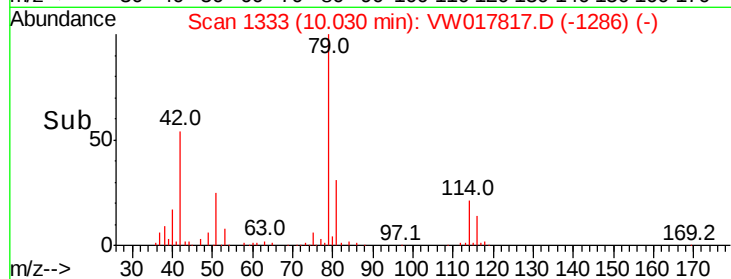
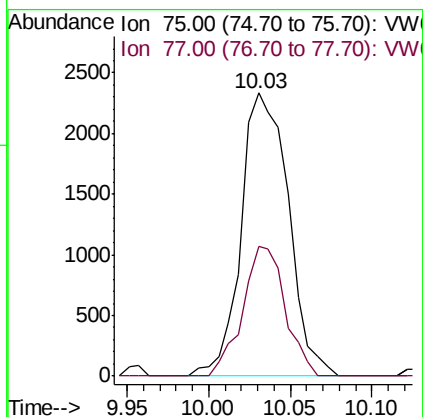
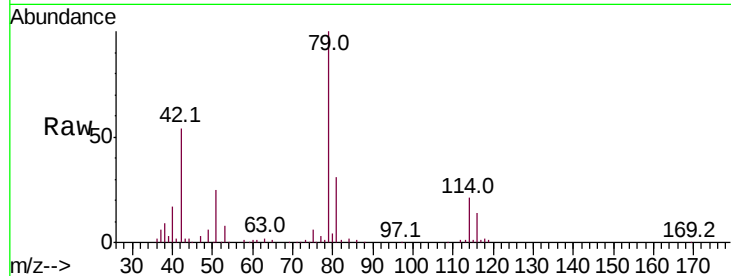
ClientSampled :

Tot Ion: 75 Resp: 4714

Ion Ratio Lower Upper

75 100

77 45.8 21.6 40.2#



#45

trans-1,3-Dichloropropene

Concen: 0.439 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW017817.D

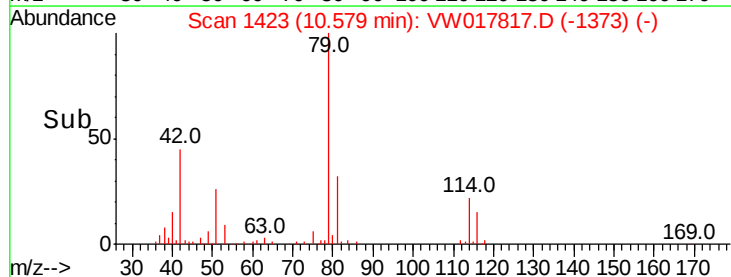
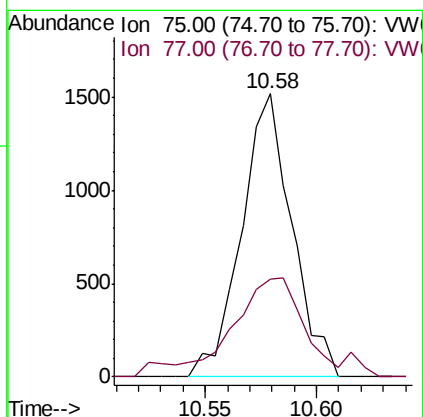
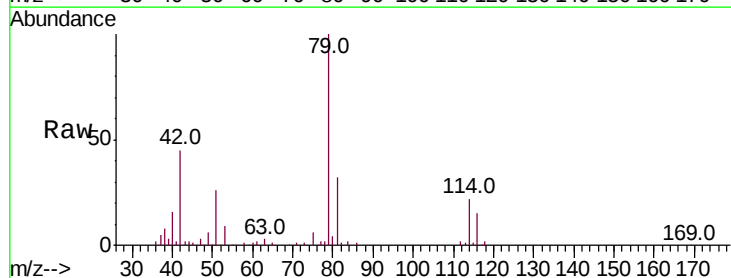
Acq: 11 Jan 2021 14:28

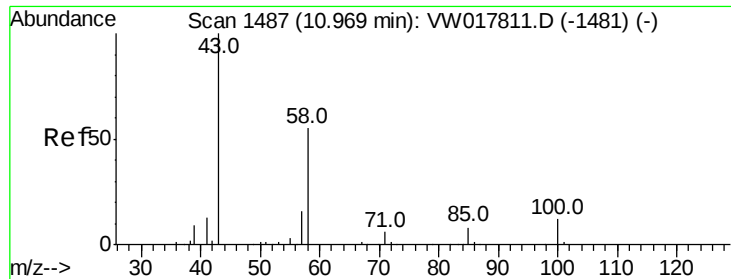
Tgt Ion: 75 Resp: 2391

Ion Ratio Lower Upper

75 100

77 34.6 21.6 40.0





#49

2-Hexanone

Concen: 0.958 ug/L

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW017817.D

Acq: 11 Jan 2021 14:28

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 43 Resp: 1323

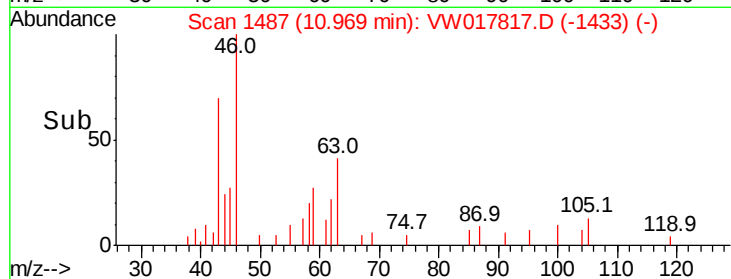
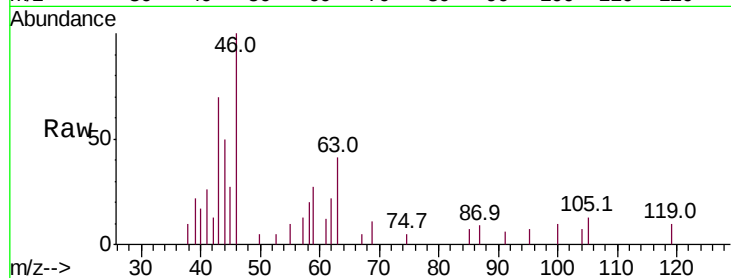
Ion Ratio Lower Upper

43 100

58 10.3 44.2 66.4#

57 6.6 16.1 24.1#

100 7.8 11.0 16.4#



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

