

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011221\
 Data File : VW017829.D
 Acq On : 12 Jan 2021 12:44
 Operator : SY/VA
 Sample : M1074-13
 Misc : 3.21G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 13 03:21:38 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 08 21:58:14 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	341741	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	314607	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	143207	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	122736	23.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.84%
7) Chloroethane-d5	2.89	69	96797	22.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.72%
10) 1,1-Dichloroethene-d2	4.02	63	163442	17.74	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.96%
20) 2-Butanone-d5	7.07	46	37882	44.20	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.40%
24) Chloroform-d	7.65	84	202257	22.65	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.60%
26) 1,2-Dichloroethane-d4	8.48	65	45	0.01	ug/L	0.18
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.04%#
29) Benzene-d6	8.27	84	410646	23.17	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.68%
33) 1,2-Dichloropropane-d6	9.27	67	116492	23.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.40%
37) Toluene-d8	10.32	98	386256	22.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.76%
38) trans-1,3-Dichloropropene-	10.58	79	46352	21.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.16%
39) 2-Hexanone-d5	10.93	63	25240	41.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.28%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	78220	21.57	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.28%
61) 1,2-Dichlorobenzene-d4	13.85	152	109106	21.88	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.52%

Target Compounds

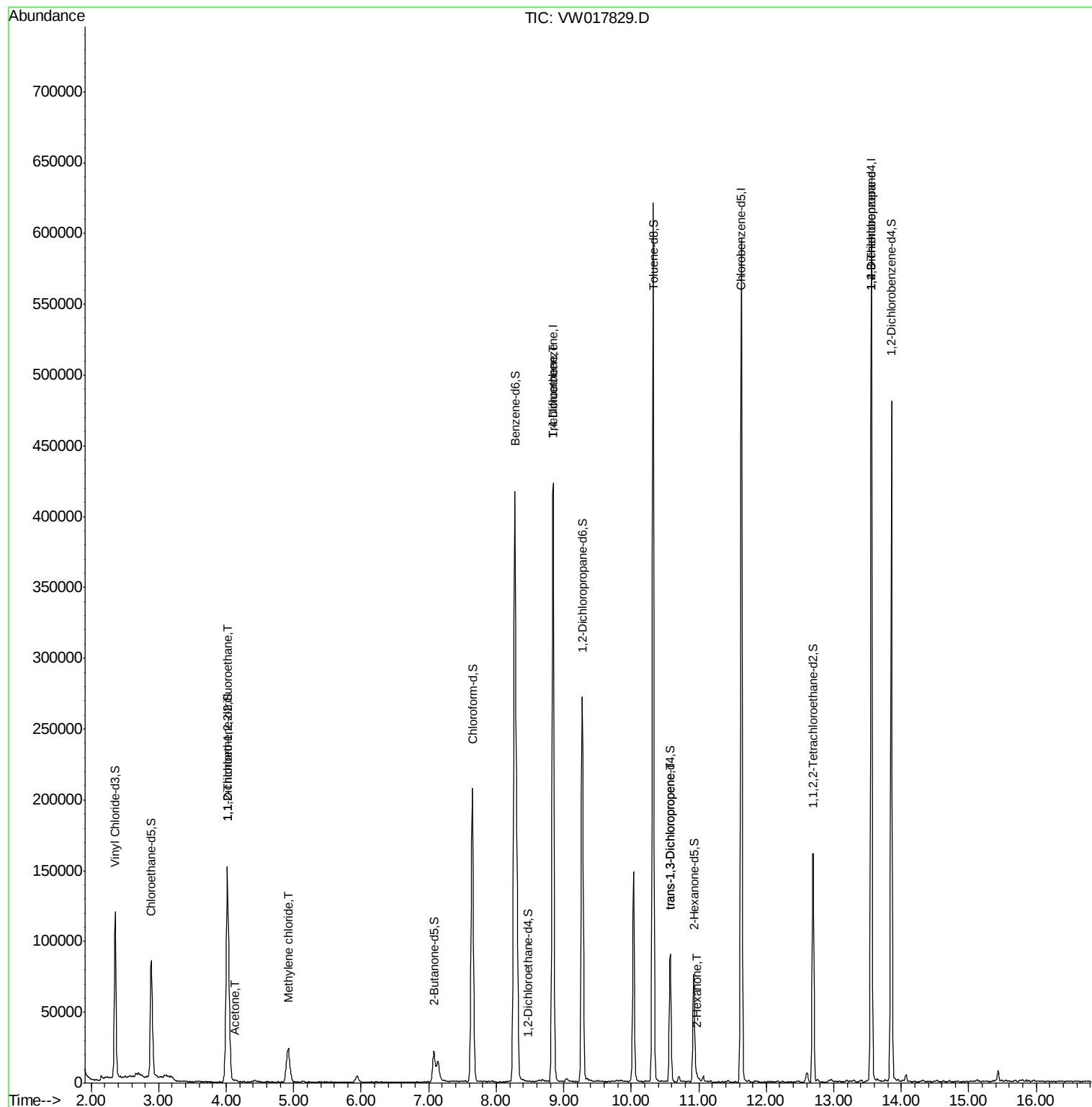
					Ovalue
11) 1,1,2-Trichloro-1,2,2-trif	4.02	101	1093	0.252	ug/L # 20
13) Acetone	4.12	43	1124	1.519	ug/L 67
16) Methylene chloride	4.92	84	19071	3.902	ug/L 96
35) Trichloroethene	8.84	95	10792	2.167	ug/L # 4
45) trans-1,3-Dichloropropene	10.58	75	2753	0.477	ug/L 84
49) 2-Hexanone	10.98	43	1216	0.831	ug/L # 59
59) 1,2,3-Trichloropropane	13.55	75	21816	8.424	ug/L 95

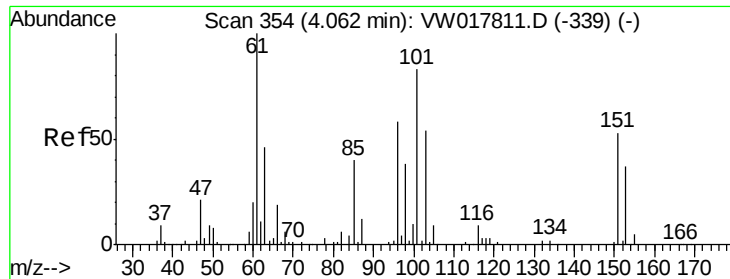
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 13 03:21:38 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
Quant Title : VOC Analysis
QLast Update : Fri Jan 08 21:58:14 2021
Response via : Initial Calibration





#11

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.252 ug/L

RT: 4.02 min Scan# 347

Delta R.T. -0.05 min

Lab File: VW017829.D

Acq: 12 Jan 2021 12:44

Instrument :

MSVOA_W

ClientSampled :

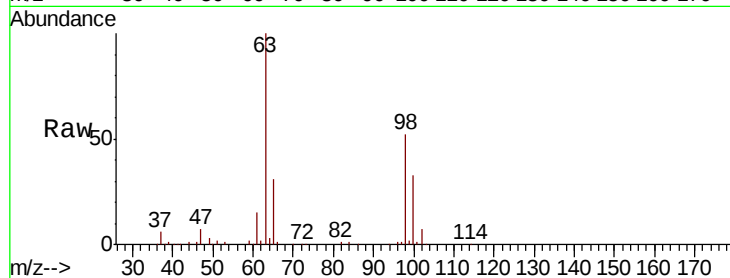
Tot Ion:101 Resp: 1093

Ion Ratio Lower Upper

101 100

85 0.0 36.7 55.1#

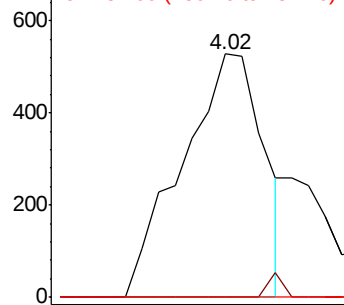
151 0.0 57.7 86.5#



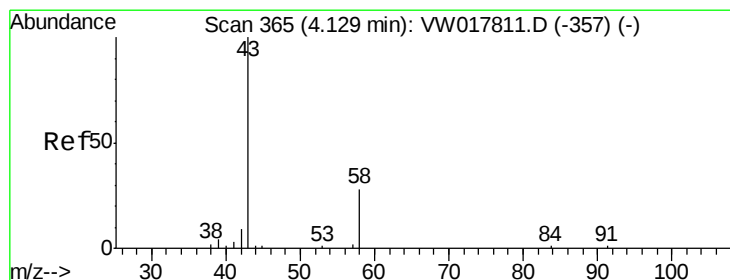
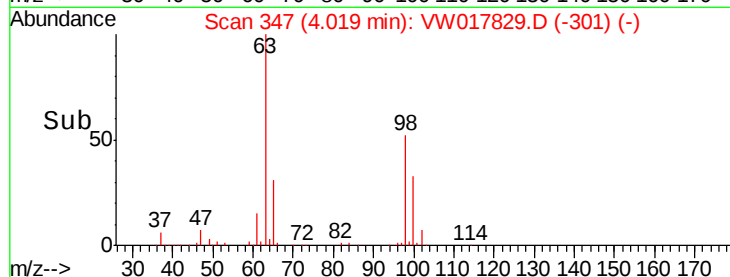
Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VW

Ion 151.00 (150.70 to 151.70): V



Time-->



#13

Acetone

Concen: 1.519 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW017829.D

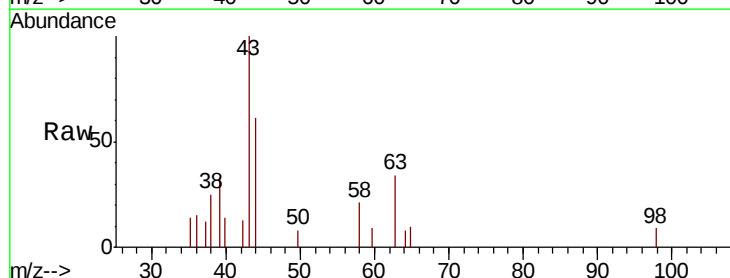
Acq: 12 Jan 2021 12:44

Tgt Ion: 43 Resp: 1124

Ion Ratio Lower Upper

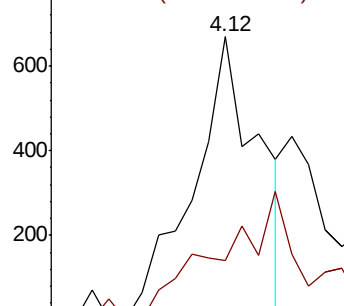
43 100

58 12.2 0.0 60.8

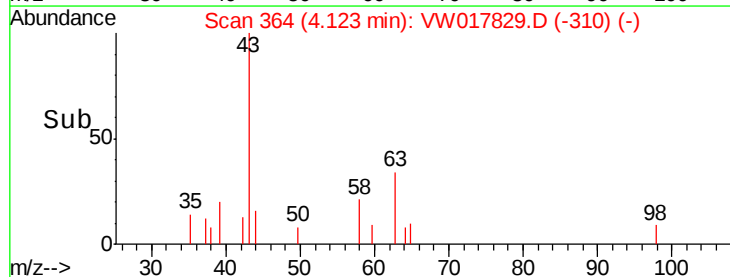


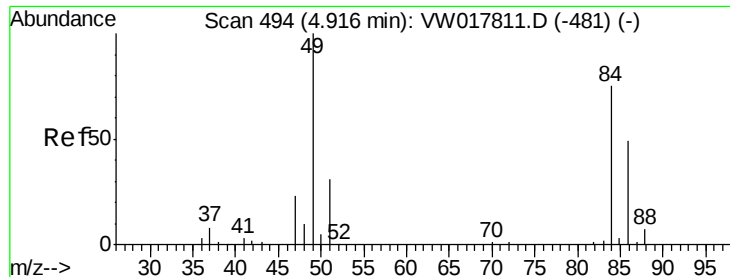
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



Time-->

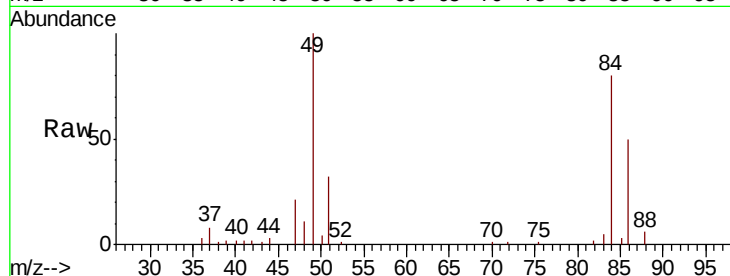




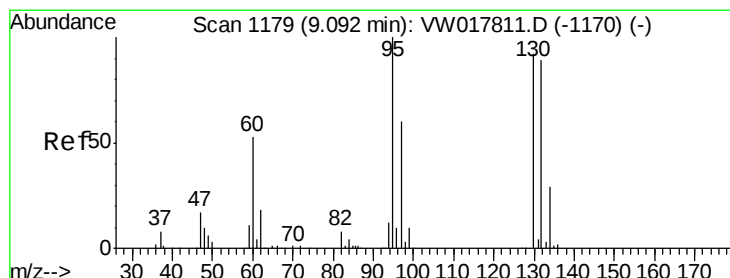
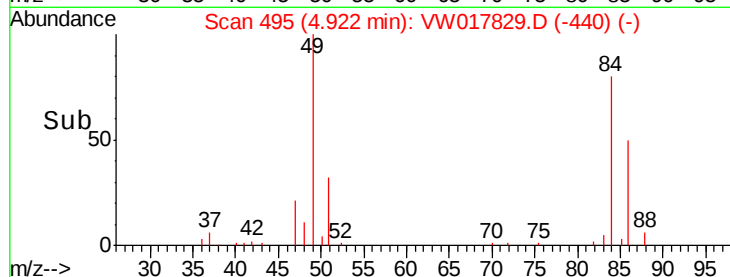
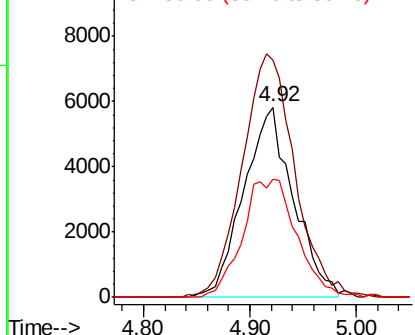
#16
Methvlene chloride
Concen: 3.902 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW017829.D
Acq: 12 Jan 2021 12:44

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 84 Resp: 19071
Ion Ratio Lower Upper
84 100
49 124.3 90.5 168.1
86 62.1 44.8 83.2

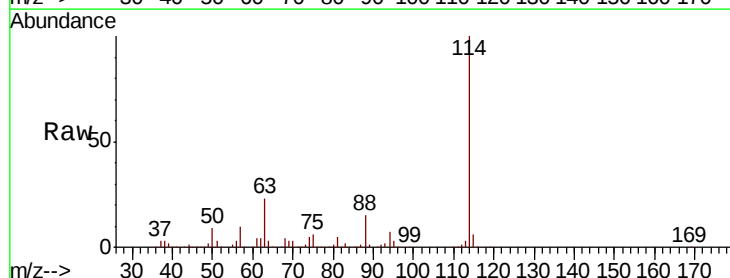


Abundance Ion 84.00 (83.70 to 84.70): VW
Ion 49.00 (48.70 to 49.70): VW
Ion 86.00 (85.70 to 86.70): VW

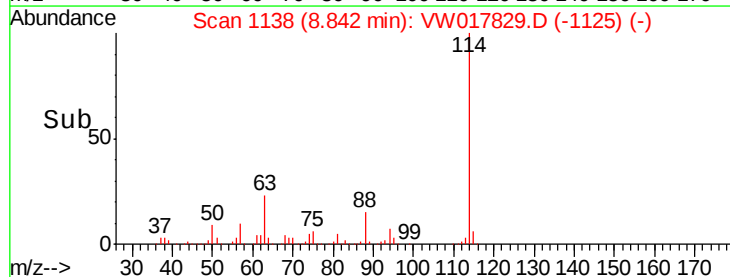
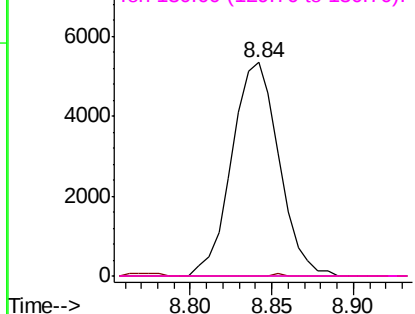


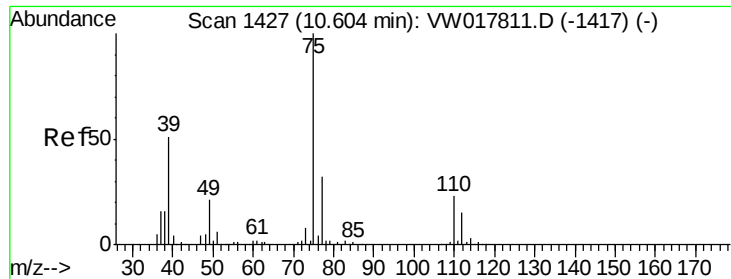
#35
Trichloroethene
Concen: 2.167 ug/L
RT: 8.84 min Scan# 1138
Delta R.T. -0.25 min
Lab File: VW017829.D
Acq: 12 Jan 2021 12:44

Tgt Ion: 95 Resp: 10792
Ion Ratio Lower Upper
95 100
97 0.0 46.8 87.0#
132 0.0 68.3 126.9#
130 0.0 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





#45

trans-1,3-Dichloropropene

Concen: 0.477 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW017829.D

Acq: 12 Jan 2021 12:44

Instrument :

MSVOA_W

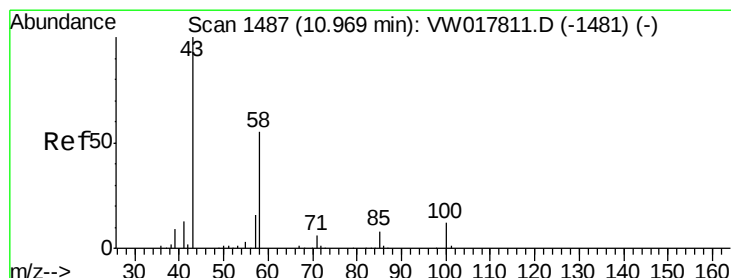
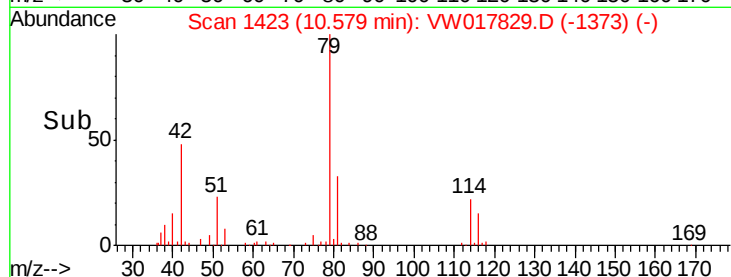
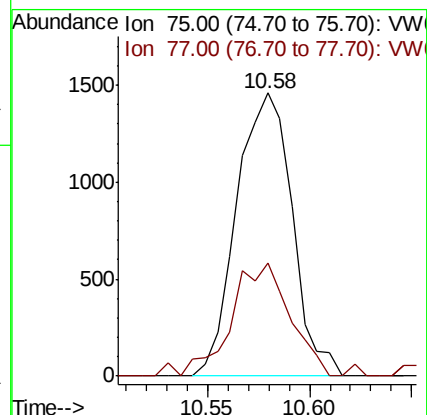
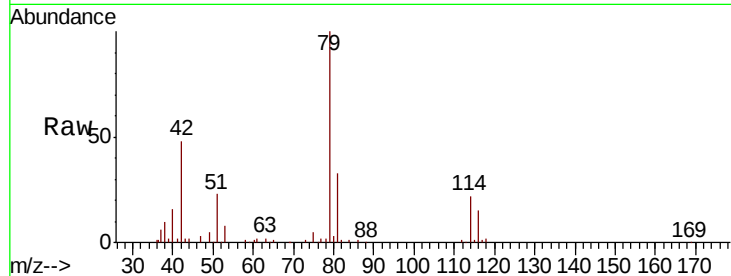
ClientSampleId :

Tot Ion: 75 Resp: 2753

Ion Ratio Lower Upper

75 100

77 39.8 21.6 40.0



#49

2-Hexanone

Concen: 0.831 ug/L

RT: 10.98 min Scan# 1488

Delta R.T. 0.01 min

Lab File: VW017829.D

Acq: 12 Jan 2021 12:44

Tgt Ion: 43 Resp: 1216

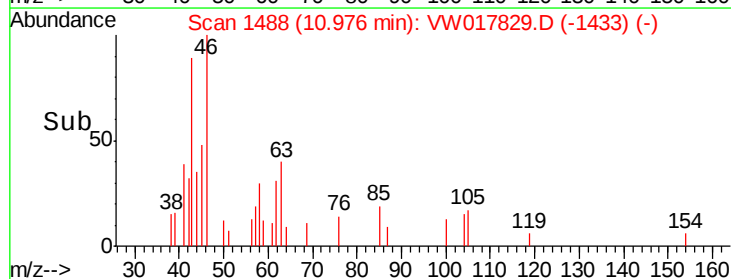
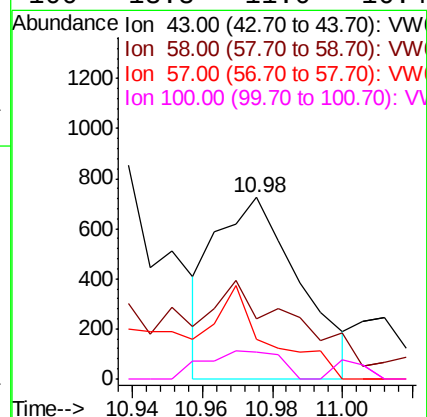
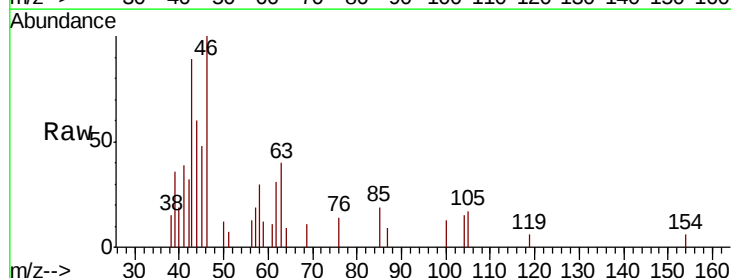
Ion Ratio Lower Upper

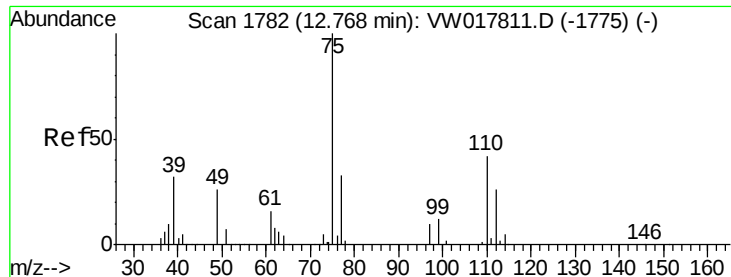
43 100

58 9.7 44.2 66.4#

57 16.0 16.1 24.1#

100 13.8 11.0 16.4





#59

1,2,3-Trichloropropane

Concen: 8.424 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW017829.D

Acq: 12 Jan 2021 12:44

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 21816

Ion Ratio Lower Upper

75 100

77 34.7 25.4 38.0

