

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011321\
 Data File : VW017859.D
 Acq On : 13 Jan 2021 19:50
 Operator : SY/VA
 Sample : M1132-03
 Misc : 4.73G/10ML/MSVOA_W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F1A02

Quant Time: Jan 14 11:43:42 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 14 11:39:57 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	314687	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	289379	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	131437	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	123721	25.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.64%
7) Chloroethane-d5	2.89	69	100169	24.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.72%
10) 1,1-Dichloroethene-d2	4.02	63	158941	18.74	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.96%
20) 2-Butanone-d5	7.08	46	47781	60.55	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.10%
24) Chloroform-d	7.65	84	207107	25.18	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.72%
26) 1,2-Dichloroethane-d4	8.42	65	104	0.02	ug/L	0.12
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.08%#
29) Benzene-d6	8.27	84	415664	25.50	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.00%
33) 1,2-Dichloropropane-d6	9.27	67	119509	26.60	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.40%
37) Toluene-d8	10.32	98	382230	24.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.68%
38) trans-1,3-Dichloropropene-	10.58	79	47344	23.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.56%
39) 2-Hexanone-d5	10.93	63	33340	59.09	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.18%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	91435	27.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.64%
61) 1,2-Dichlorobenzene-d4	13.85	152	119686	26.15	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.60%

Target Compounds

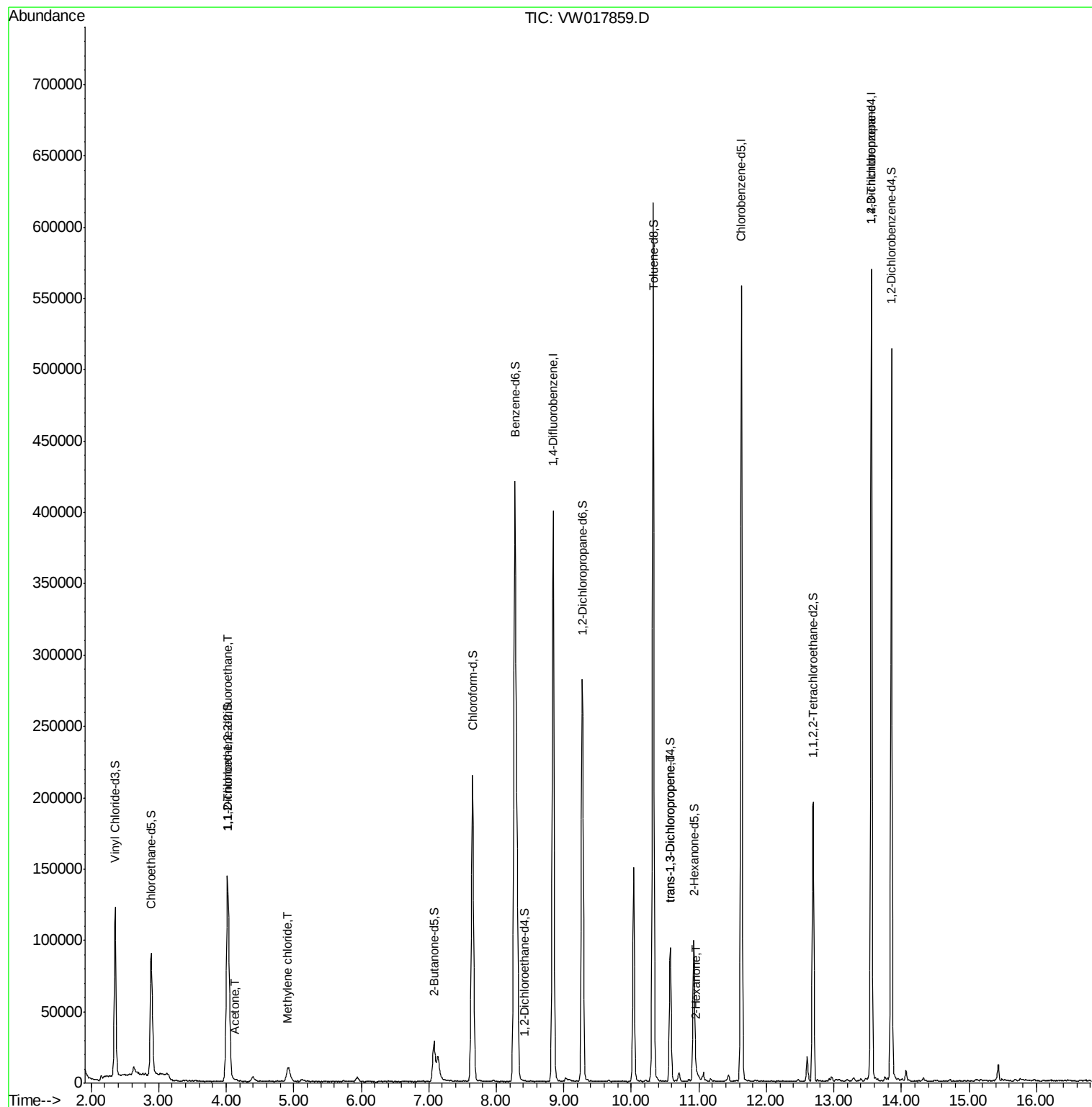
					Qvalue
11) 1,1,2-Trichloro-1,2,2-trif	4.03	101	1468	0.367 ug/L #	22
13) Acetone	4.12	43	1163	1.707 ug/L	59
16) Methylene chloride	4.91	84	4324	0.961 ug/L	85
45) trans-1,3-Dichloropropene	10.57	75	2930	0.552 ug/L	98
49) 2-Hexanone	10.96	43	1724	1.280 ug/L #	66
59) 1,2,3-Trichloropropane	13.55	75	20318	8.529 ug/L	90

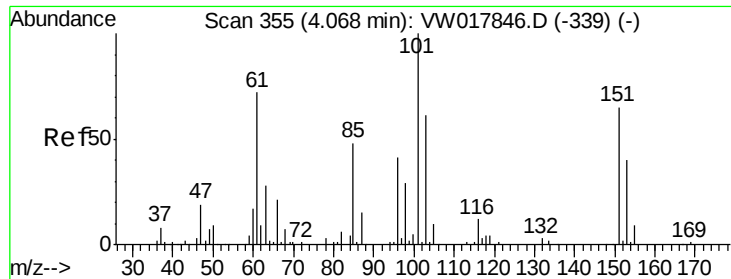
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Jan 14 11:39:57 2021
Response via : Initial Calibration





#11

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

Concen: 0.367 ug/L

RT: 4.03 min Scan# 349

Delta R.T. -0.04 min

Lab File: VW017859.D

Acq: 13 Jan 2021 19:50

Instrument :

MSVOA_W

ClientSampled :

F1A02

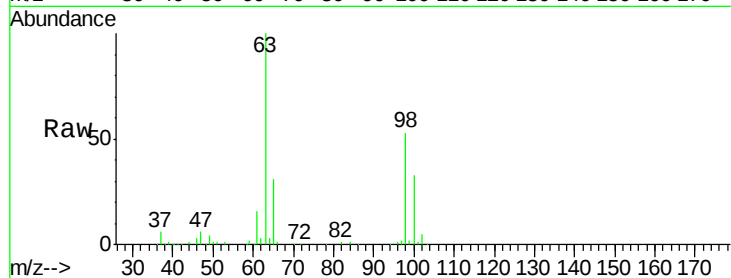
Tgt Ion:101 Resp: 1468

Ion Ratio Lower Upper

101 100

85 3.5 36.7 55.1#

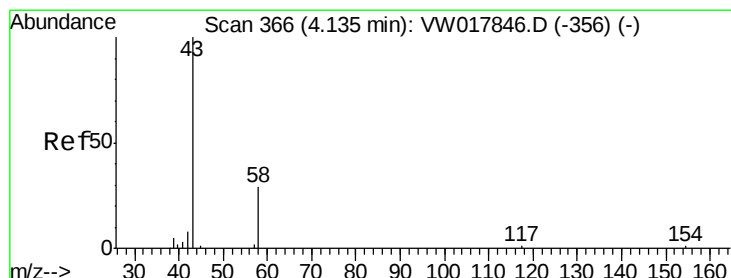
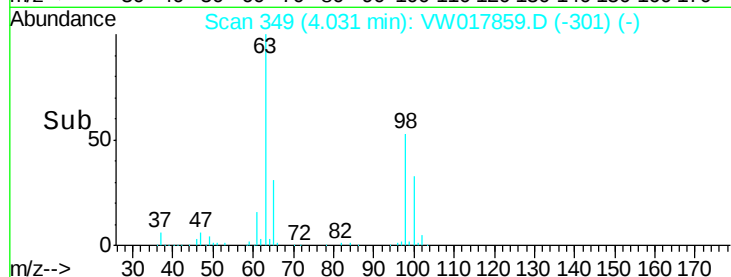
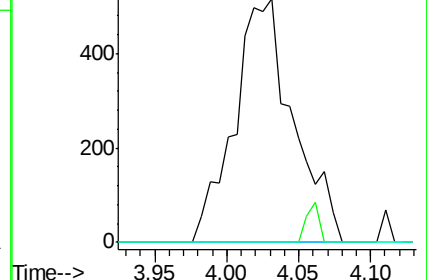
151 0.0 57.7 86.5#



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



#13

Acetone

Concen: 1.707 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW017859.D

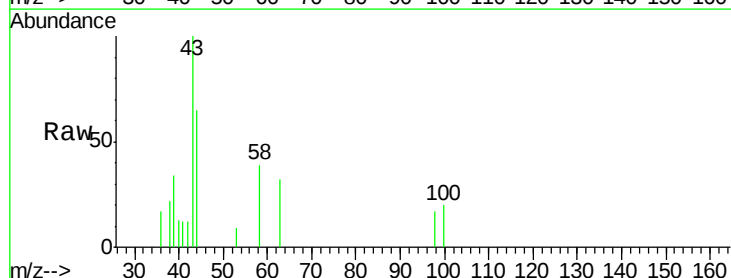
Acq: 13 Jan 2021 19:50

Tgt Ion: 43 Resp: 1163

Ion Ratio Lower Upper

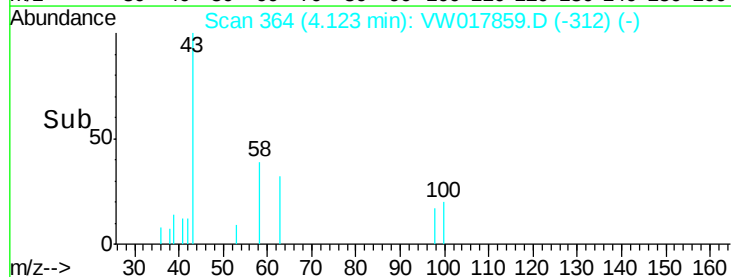
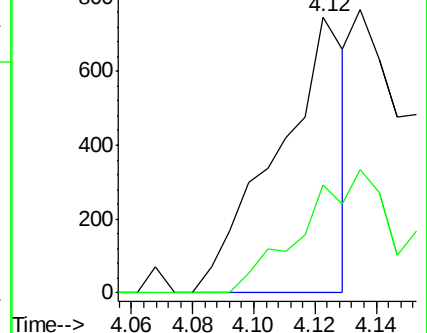
43 100

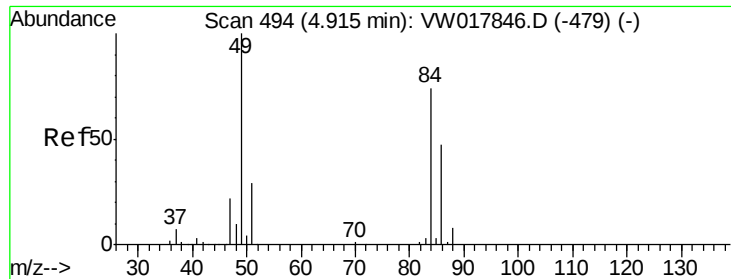
58 52.9 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

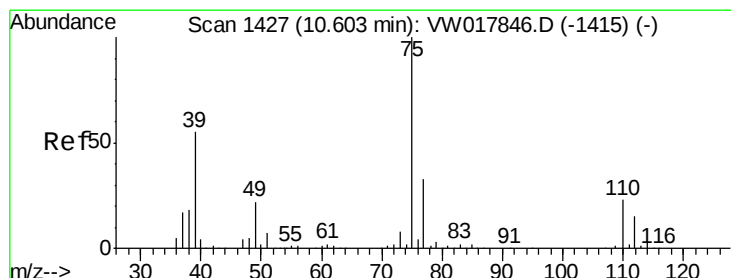
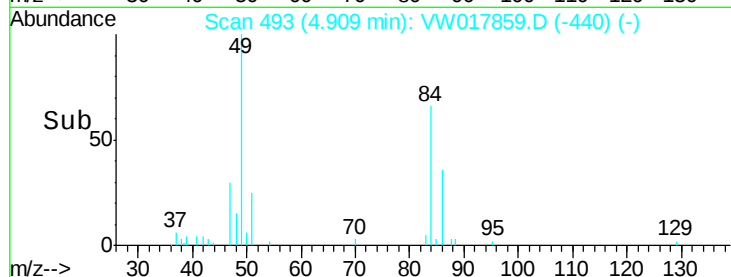
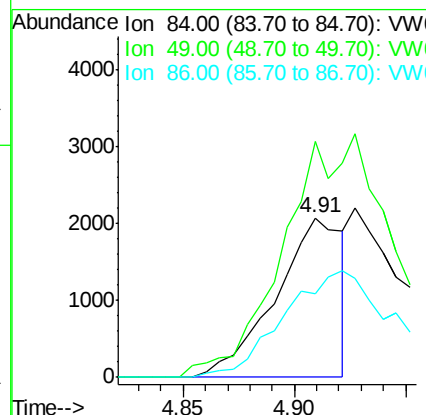
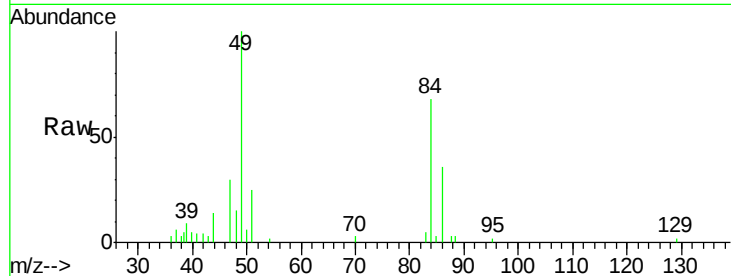




#16
Methylene chloride
Concen: 0.961 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW017859.D
Acq: 13 Jan 2021 19:50

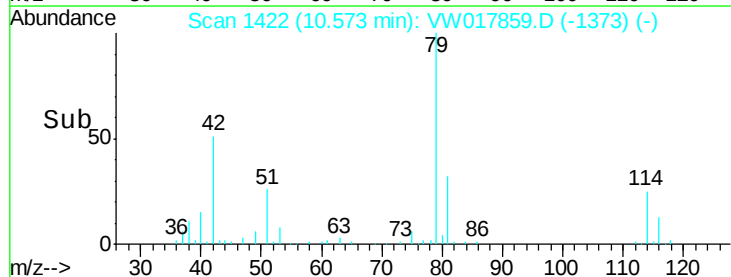
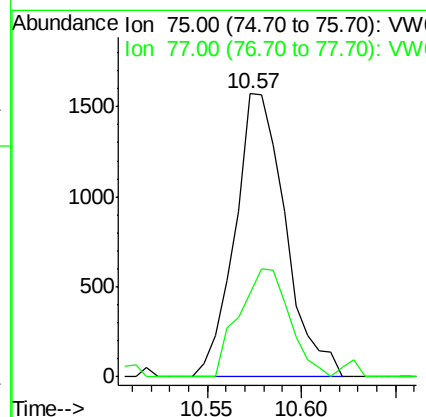
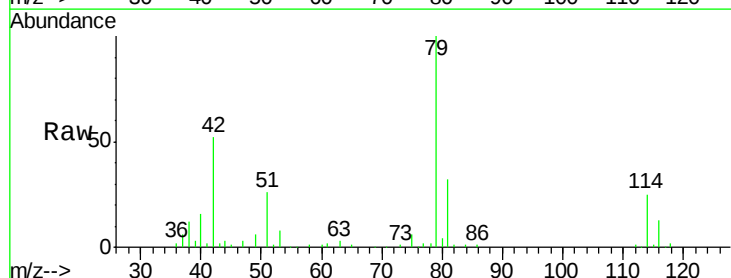
Instrument :
MSVOA_W
ClientSampled :
F1A02

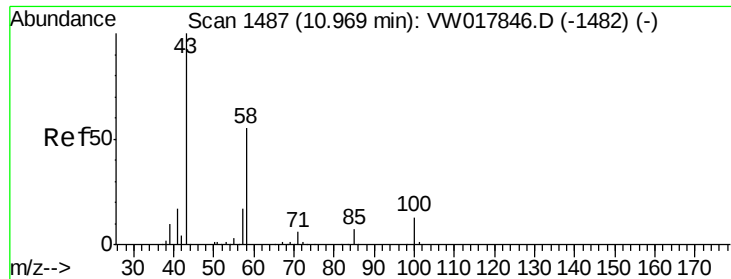
Tgt Ion: 84 Resp: 4324
Ion Ratio Lower Upper
84 100
49 147.7 90.5 168.1
86 52.6 44.8 83.2



#45
trans-1,3-Dichloropropene
Concen: 0.552 ug/L
RT: 10.57 min Scan# 1422
Delta R.T. -0.03 min
Lab File: VW017859.D
Acq: 13 Jan 2021 19:50

Tgt Ion: 75 Resp: 2930
Ion Ratio Lower Upper
75 100
77 29.5 21.6 40.0

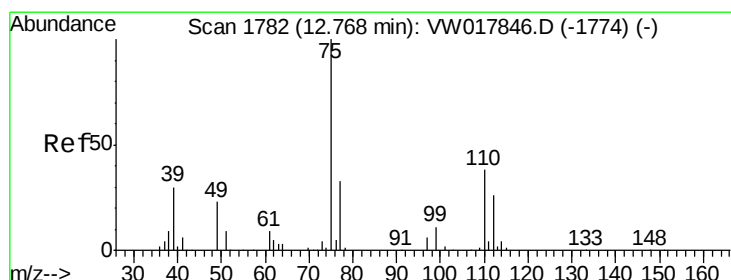
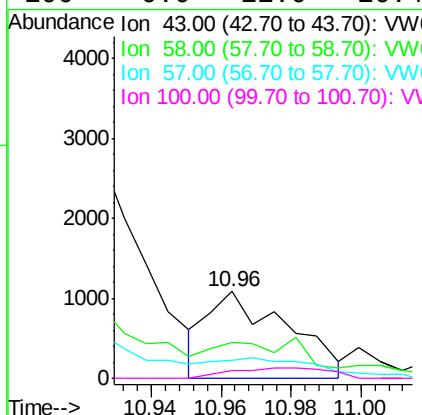
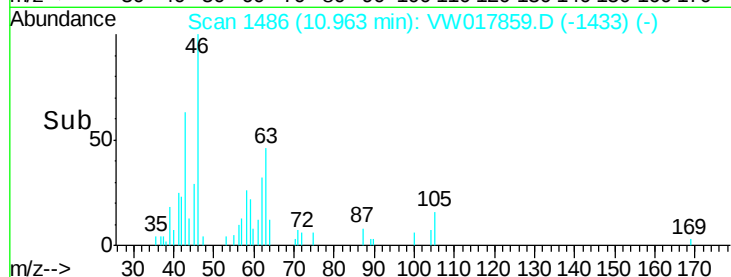
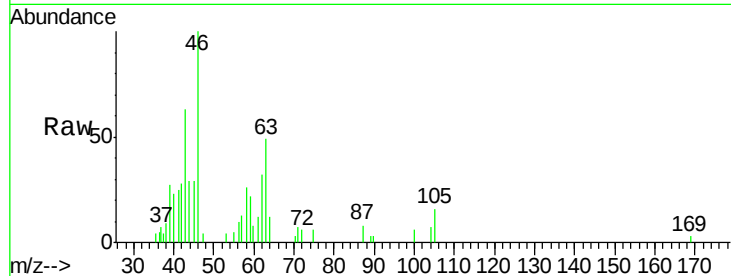




#49
2-Hexanone
Concen: 1.280 ug/L
RT: 10.96 min Scan# 1486
Delta R.T. -0.01 min
Lab File: VW017859.D
Acq: 13 Jan 2021 19:50

Instrument :
MSVOA_W
ClientSampleId :
F1A02

Tgt Ion: 43 Resp: 1724
Ion Ratio Lower Upper
43 100
58 33.5 44.2 66.4#
57 0.0 16.1 24.1#
100 0.0 11.0 16.4#



#59
1,2,3-Trichloropropane
Concen: 8.529 ug/L
RT: 13.55 min Scan# 1911
Delta R.T. 0.79 min
Lab File: VW017859.D
Acq: 13 Jan 2021 19:50

Tgt Ion: 75 Resp: 20318
Ion Ratio Lower Upper
75 100
77 37.3 25.4 38.0

