

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011321\
 Data File : VW017857.D
 Acq On : 13 Jan 2021 19:03
 Operator : SY/VA
 Sample : M1132-09
 Misc : 3.92G/10ML/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F1A14

Quant Time: Jan 14 11:43:28 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	256996	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	223748	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	89782	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	108565	27.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.20%
7) Chloroethane-d5	2.89	69	86849	26.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.84%
10) 1,1-Dichloroethene-d2	4.03	63	136702	19.73	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.92%
20) 2-Butanone-d5	7.07	46	47546	73.77	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	147.54%#
24) Chloroform-d	7.65	84	179332	26.70	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.80%
26) 1,2-Dichloroethane-d4	8.31	65	107439	30.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	123.64%
29) Benzene-d6	8.27	84	349013	27.69	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.76%
33) 1,2-Dichloropropane-d6	9.27	67	102839	29.60	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	118.40%
37) Toluene-d8	10.32	98	315524	26.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.28%
38) trans-1,3-Dichloropropene-	10.58	79	40196	25.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.84%
39) 2-Hexanone-d5	10.93	63	30926	70.89	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	141.78%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	80423	31.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	124.72%#
61) 1,2-Dichlorobenzene-d4	13.85	152	81180	25.97	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.88%

Target Compounds

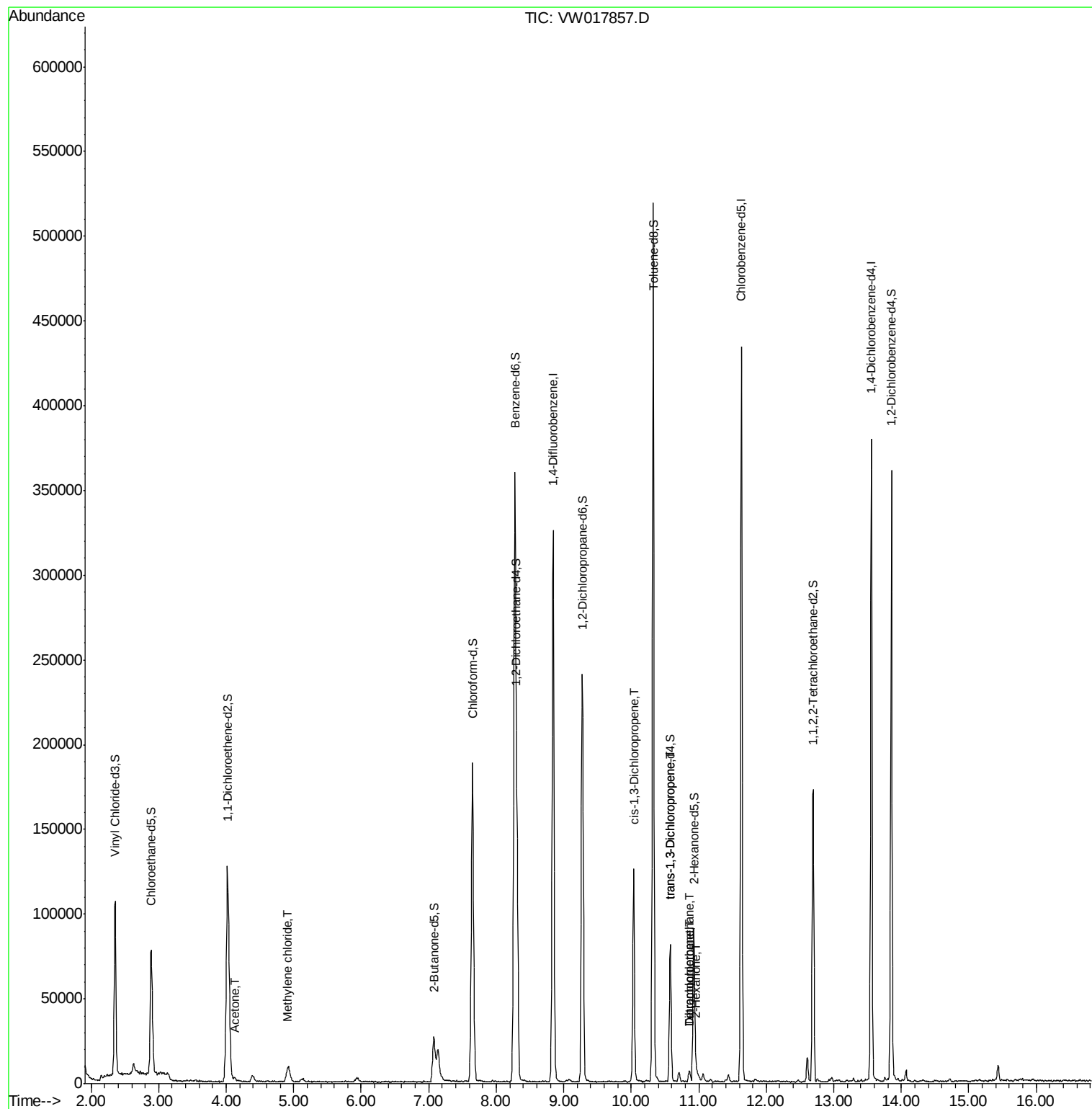
					Qvalue
13) Acetone	4.12	43	2557	4.595 ug/L	63
16) Methylene chloride	4.91	84	6927	1.885 ug/L	93
42) cis-1,3-Dichloropropene	10.03	75	4093	0.849 ug/L	95
45) trans-1,3-Dichloropropene	10.58	75	2434	0.593 ug/L	93
47) Tetrachloroethene	10.87	164	1212	0.438 ug/L #	80
49) 2-Hexanone	10.96	43	1614	1.550 ug/L #	62
50) Dibromochloromethane	10.86	129	1264	0.474 ug/L #	9

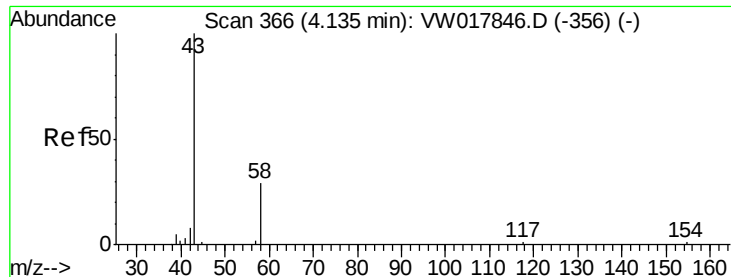
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jan 14 11:39:57 2021
Response via : Initial Calibration





#13

Acetone

Concen: 4.595 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW017857.D

Acq: 13 Jan 2021 19:03

Instrument :

MSVOA_W

ClientSampled :

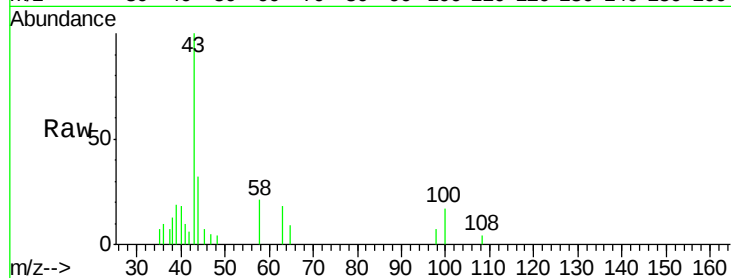
F1A14

Tgt Ion: 43 Resp: 2557

Ion Ratio Lower Upper

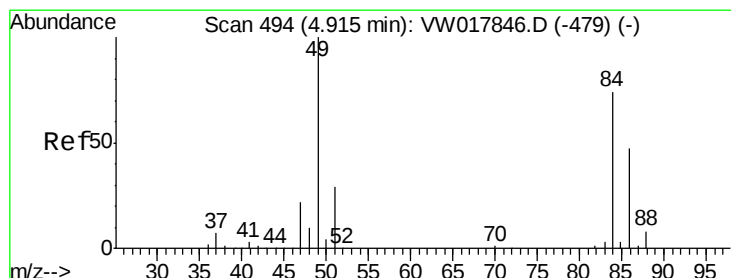
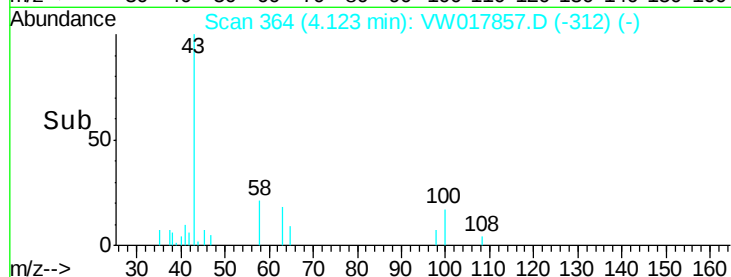
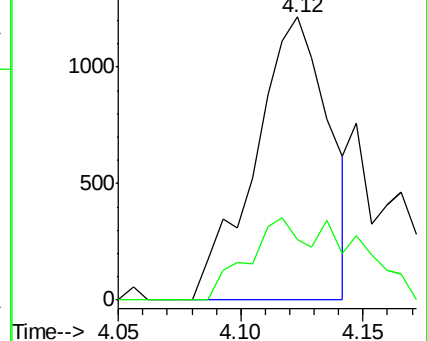
43 100

58 10.1 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: 1.885 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW017857.D

Acq: 13 Jan 2021 19:03

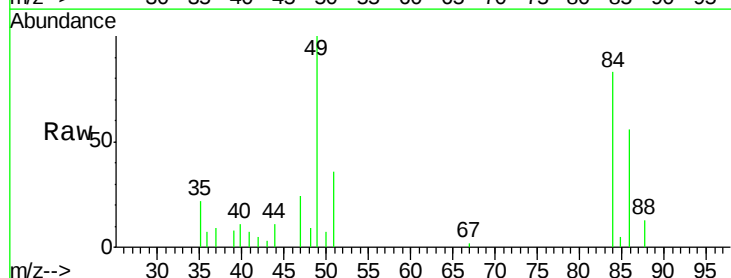
Tgt Ion: 84 Resp: 6927

Ion Ratio Lower Upper

84 100

49 120.7 90.5 168.1

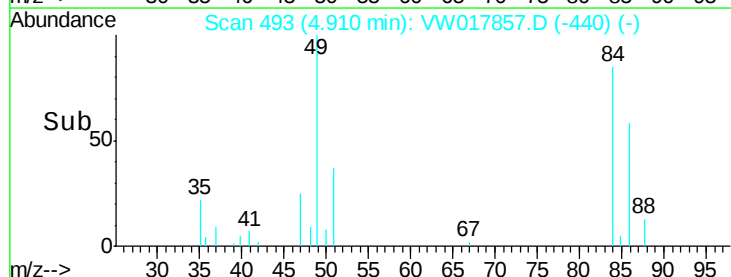
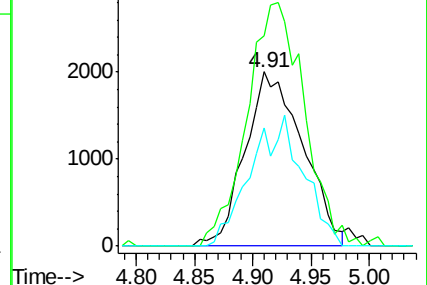
86 68.2 44.8 83.2

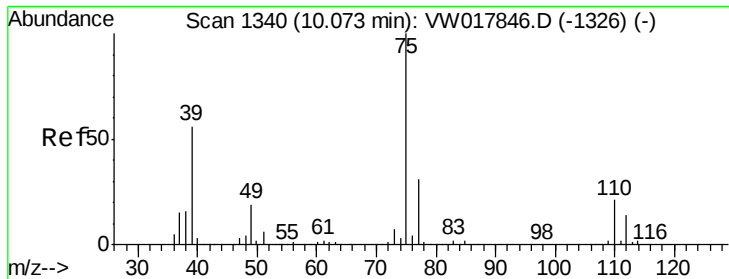


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW

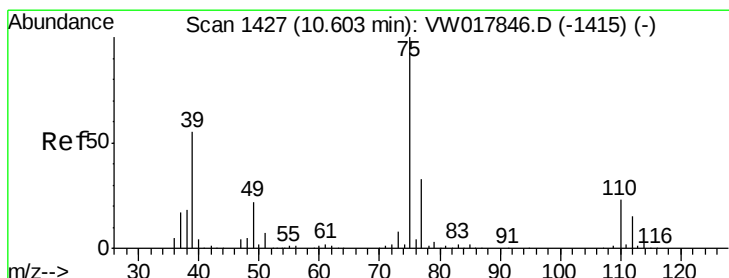
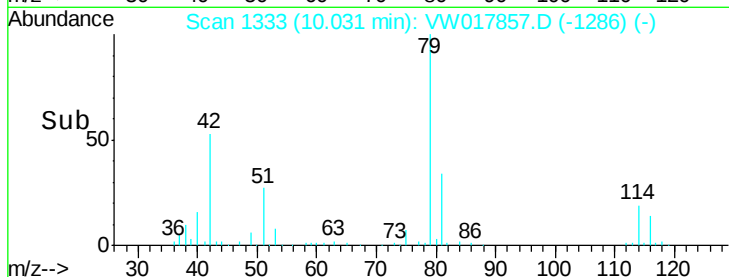
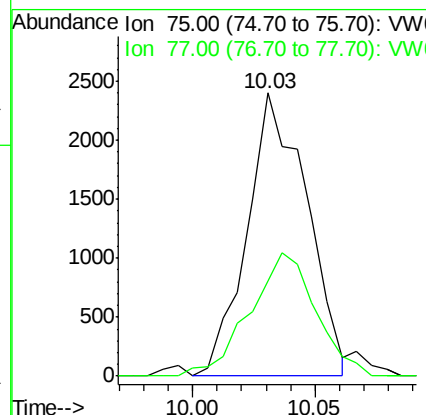
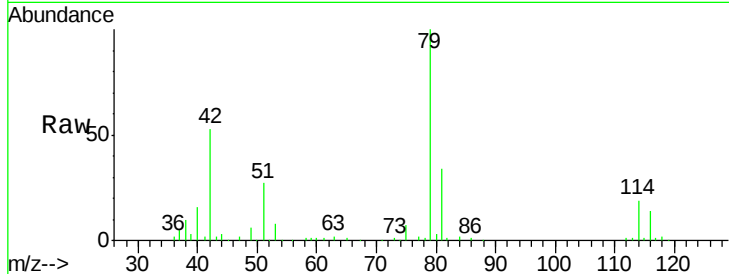




#42
 cis-1,3-Dichloropropene
 Concen: 0.849 ug/L
 RT: 10.03 min Scan# 1333
 Delta R.T. -0.04 min
 Lab File: VW017857.D
 Acq: 13 Jan 2021 19:03

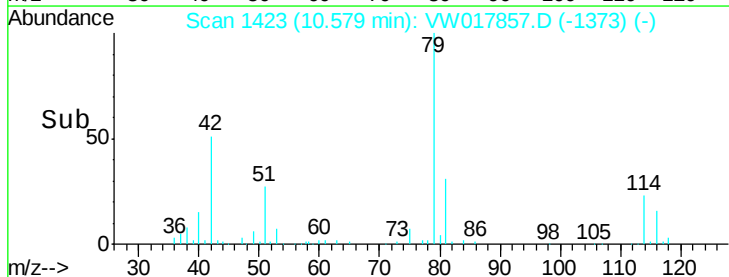
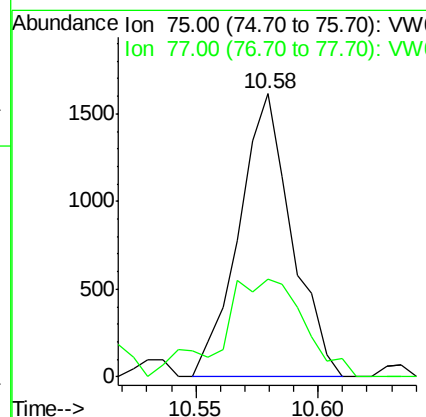
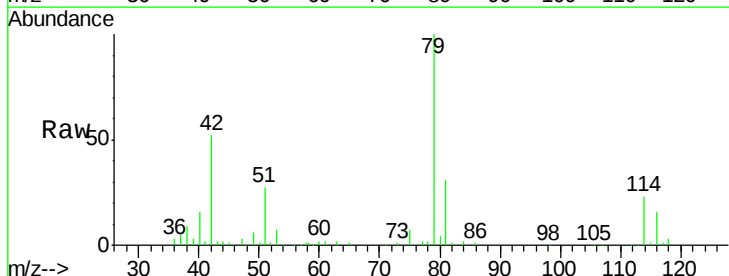
Instrument :
 MSVOA_W
 ClientSampled :
 F1A14

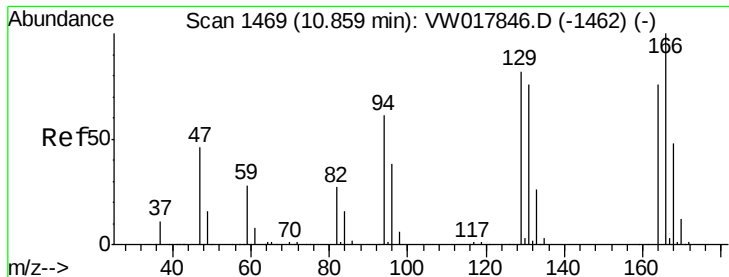
Tgt Ion: 75 Resp: 4093
 Ion Ratio Lower Upper
 75 100
 77 33.6 21.6 40.2



#45
 trans-1,3-Dichloropropene
 Concen: 0.593 ug/L
 RT: 10.58 min Scan# 1423
 Delta R.T. -0.02 min
 Lab File: VW017857.D
 Acq: 13 Jan 2021 19:03

Tgt Ion: 75 Resp: 2434
 Ion Ratio Lower Upper
 75 100
 77 34.8 21.6 40.0





#47

Tetrachloroethene

Concen: 0.438 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VW017857.D

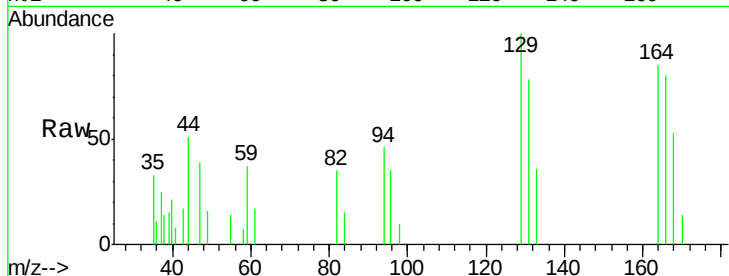
Acq: 13 Jan 2021 19:03

Instrument :

MSVOA_W

ClientSampleId :

F1A14



Tgt Ion: 164 Resp: 1212

Ion Ratio Lower Upper

164 100

129 117.9 62.9 116.9#

131 92.3 63.8 118.6

166 94.4 87.4 162.2

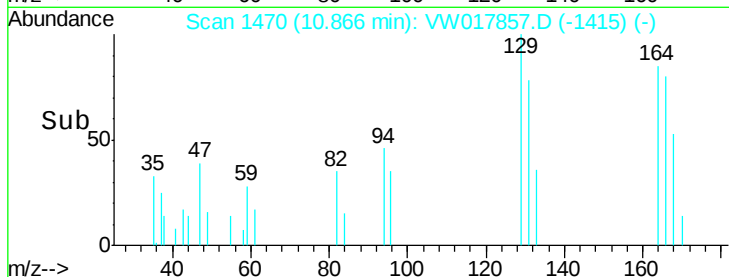
Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

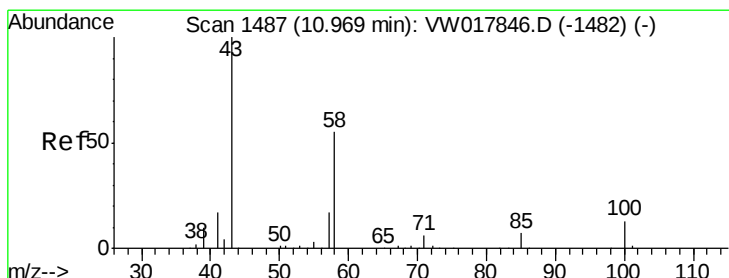
Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

Time--> 10.80 10.85 10.90



Time--> 10.80 10.85 10.90



#49

2-Hexanone

Concen: 1.550 ug/L

RT: 10.96 min Scan# 1486

Delta R.T. -0.01 min

Lab File: VW017857.D

Acq: 13 Jan 2021 19:03

Tgt Ion: 43 Resp: 1614

Ion Ratio Lower Upper

43 100

58 29.1 44.2 66.4#

57 0.0 16.1 24.1#

100 0.0 11.0 16.4#

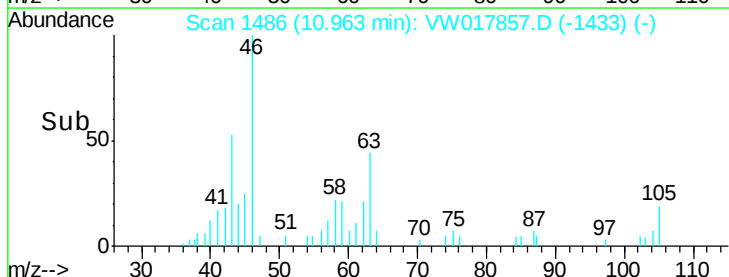
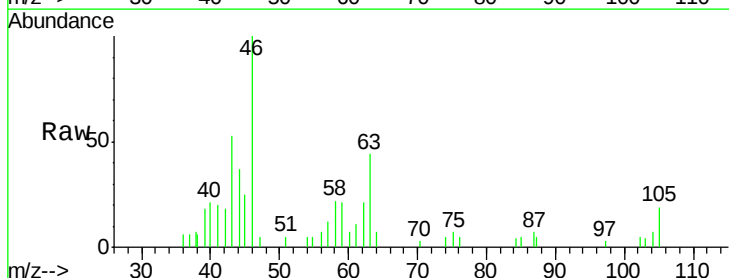
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

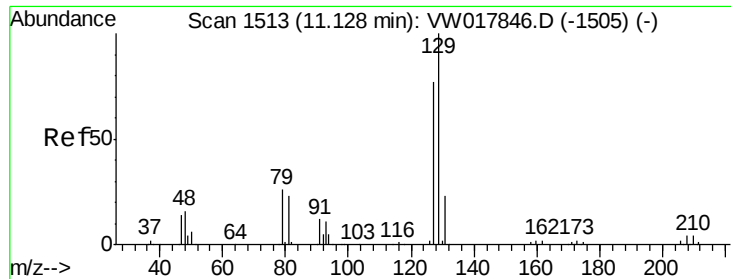
Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW

Time--> 10.94 10.96 10.98 11.00



Time--> 10.94 10.96 10.98 11.00



#50

Dibromochloromethane

Concen: 0.474 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.27 min

Lab File: VW017857.D

Acq: 13 Jan 2021 19:03

Instrument :

MSVOA_W

ClientSampleId :

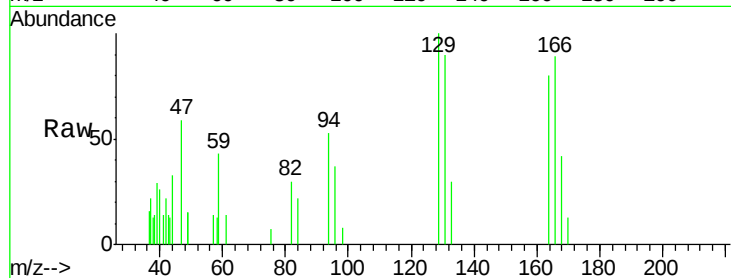
F1A14

Tgt Ion:129 Resp: 1264

Ion Ratio Lower Upper

129 100

127 0.0 56.1 104.3#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

